O·N·W®

欧诺威

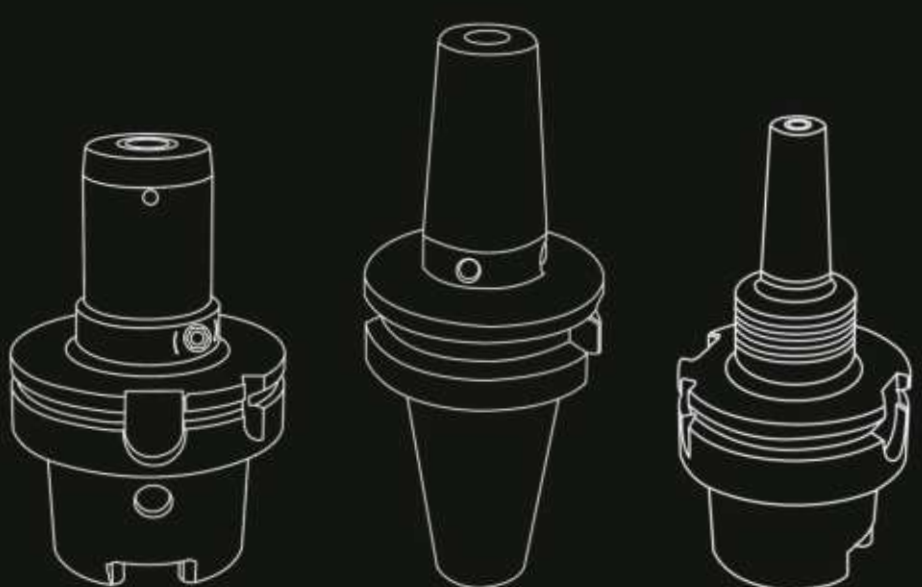
SHANDONG OUNUOWEI NUMERICAL CONTROL TOOL CO.,LTD

综合产品目录

2025

让切削更顺畅 做中國好刀具







2025

CNC TOOL ONE-STOP PROCUREMENT

CNC TOOL

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adlinePlease enter your headline Please enter your headlinePlease enter your headline

让您的机床更高效

It will make your machine more efficient.



公司简介
COMPANY INTRODUCTION

山东欧诺威数控刀具有限公司成立于2009年，坐落于山东省济宁泗水经济开发区，是一家专业生产中高端数控刀具的企业。多年来，欧诺威一直专注于高端数控刀具产品的研发设计和生产制造，主营产品有HSK/BBT/BT/ISO/SK/NT等高精度数控刀柄系列，阻尼减振/液压/热缩等系列，ER/SK/HC等高精度筒夹，高端铣刀盘/铣刀杆/快速钻/玉米铣刀以及加工中心周边产品等等，可为您提供完美的刀具解决方案及配套服务。欧诺威产品采用国家标准GB、国际标准ISO、德国标准DIN、美国标准ANSI、日本标准JIS等不同标准，产品设计采用Pro/Engineer/、UG、AutoCAD 、SolidWork等设计软件，自行研发、设计、制造，同时可以设计制造专用、非标数控刀具等行业前沿产品。

“做中国好刀柄” 是欧诺威数控刀具的企业愿景，让中国生产的刀柄品质可以媲美于国外品牌是欧诺威数控刀具的追求，欧诺威更是对产品质量的严格要求根植到每个员工心中，采用ISO9001国际质量管理体系严控生产环节，公司率先采用先进的ERP生产管理系统，整合分析采购、生产、销售主要环节的信息数据并加以沉淀，为客户提供稳定高效贴心的服务。公司先后引进了瑞士斯图特STUDER、瑞士KELLENBERGER克林伯格高精度内外圆复合磨床，日本津上TSUGAMI高精度磨床，日本大隈OKUMA/日本中村留NAKAMURA-TOME数控车铣复合及马扎克MAZAK五轴加工中心等高端加工设备。引进日本三丰Mitutoyo三坐标，日本三丰Mitutoyo二次元投影仪，三丰Mitutoyo圆柱度仪，三丰Mitutoyo粗糙度轮廓仪，德国戴博Diebold刀柄锥度检具，德国海默HAIMER动平衡机，德国ZOLLER卓勒对刀仪等高端检测仪器。公司生产所需材料进口日本瑞典及国内大型钢厂标准牌号钢材，引进德国先进热处理设备，超深冷处理设备及工艺流程，从而保证了产品的稳定性。欧诺威数控刀具拥有一支在国内数控刀具行业中有着长达20多年职业生涯的专业技术管理团队，其中本科刀具工程师3名，专科刀具工程师8名，能随时随地为客户提供技术支持。欧诺威数控刀具同时拥有高效的销售团队，能够及时高效的回复客户的售前售后等问题。公司地处位置优越的鲁南地区，京沪高铁及鲁南高铁穿贯而入，江浙沪发货今发明至，其他地区3-4天到货，能够第一时间把产品交付到客户手中，保证时效性。欧诺威产品主要出口欧洲、德国、意大利、俄罗斯、美国、日本、韩国、澳大利亚等40多个国家和地区，在航空、航天、5G/3C、船舶、汽车、工程机械、新能源等行业中得到广泛的应用，赢得了客户的一致好评。公司法人王金梅女士谨代表山东欧诺威数控刀具有限公司热诚欢迎国内外客户来访，紧密合作共谋发展。

领导关怀
LEADERSHIP CONCERN



山东省夏省长来我厂莅临指导工作
THE GOVERNOR CAME TO VISIT OUR FACTORY



市委副书记石光亮调研欧诺威



省商务厅副厅长任海涛调研欧诺威

办公一角
OFFICE CORNER







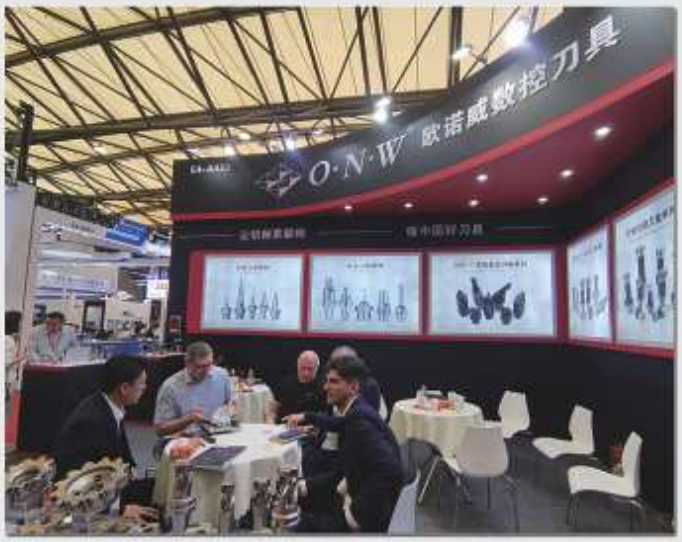






参加展会

EXHIBITION PHOTOS













生产车间 PRODUCTION WORKSHOP













检测设备 TESTING EQUIPMENT



日本三丰三坐标检测仪
Mitutoyo Coordinate Measuring Machine



德国ZOLLER卓勒对刀仪
German Zoller Tool Detector



日本三丰真圆度仪
Japanese Mitutoyo Round Test Machine



电主轴检测线
Electric Spindle Test Machines

仓储配送中心
WAREHOUSE DISTRIBUTION CENTER



包装
PACKAGING







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数控刀柄系列 CNC TOOL SYSTEMS

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HSK-T C01-C15
PSC D01-D50
SBT E01-E38
BT F01-F139
SK G01-G58
NT H01-H09
CAT I 01-I 06



刀柄配件系列 HOLDER ACCESSORIES

刀柄配件系列 J 01- J 59



镗孔刀具 BORING HEAD

镗孔刀具 K01-K73



铣削刀具 END MILLS

高精度铣削刀具 L01-L23
铣刀盘 M01-M14
铣刀杆 N01-N24
玉米铣刀 O01-O20
U 钻 P01-P14



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攻丝夹头 Q01-Q63



机床顶尖系列 MACHINE TOOL LIVE CENTER SERIES

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固顶顶尖 S01-S14



机床附件系列 MACHINE TOOL ACCESSORIES

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平口钳 V01-V12
角度头 W01-W53

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技术资料 TECHNICAL INFORMATION

技术资料 01-16

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A 13


A 14


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A 18


A 19


A 20


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B 125 - B 127


B121,B124,B128


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B 210


B 211


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B 213-B 215


B 216


B 217-B 218


B 223-B 227

B 230-B 238

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C 03

C 04

C 05

C 06

C 07

HSK-T 车铣复合刀座 HSK-T TURNING AND MILLING TOOL HOLDER


C 08


C 09


C 11


C 12


C 12


C 13


C 14


C 15


C 15

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D 14


D 15


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D 19


D 20


D 21


D 22


D 23


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D 36


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D 40


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F73-E76


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F 85-F 88


F 89


F 90


F 91-F 92


F 94-F 95


F 96-F 98


F 99-F 100


F 101


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F 106

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F 115-F 117


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F 132


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F 134


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F 135


F 135


F 136


F 136


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F 139

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G 05 ,F 08


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H 04


H 05


H 06


H 07


H 08


H 09

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I 03


I 03


I 04


I 04


I 05


I 05


I 06

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J 23


J 24


J 25

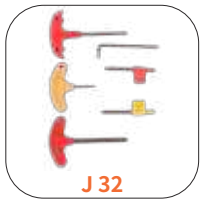

J 28


J 30

刀柄配件系列 HOLDER ACCESSORIES


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J 33


J 34


J 35


J 36


J 37


J 38 - J 39


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J 41


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J 50


J 51


J 51


J 52


J 52


J 53


J 53


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J 55


J 55


J 56


J57


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J 59

J 59

镗孔刀具系列 BORING HEAD

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K 03

K 03

K 04

K 04

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镗孔刀具系列 BORING HEAD


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K 10


K 11


K 12


K 13


K 13


K 14 - K 15


K 16


K 17


K 17


K 18


K 19


K 19


K 20

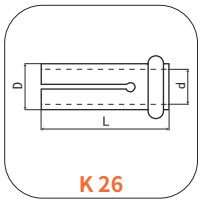

K 20


K 21


K 21


K 22


K 23 - K 24



K 26


K 26


K 26


K 27


K 28


K 28


K 28


K 29 - K 31


K 29 - K 31


K 32


K 32


K 32


K 33


K 33


K 33


K 34


K 34

K 39 - K 41

K 41

K 42

K 43 - K 44

K 45 - K 46

K 46

K 47

K 48 - K 49

镗孔刀具系列 BORING HEAD


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K 52


K 53


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K 55


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高精度铣削刀具系列 HIGH PRECISION MILLING TOOL


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L 22


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M 05


M 06


M 07

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M 09


M 10


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M 13


M 14

可转位铣刀杆系列 MILLING CUTTERS


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N 04 - N 05


N 06 - N 07


N 08 - N 09


N 10


N 11


N 12


N 13


N 14


N 15


N 16


N 16


N 17


N 17


N 18


N 19


N 20


N 21


N 21


N 22


N 22


N 22


N 23

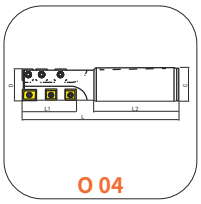

N 23


N 23


N 24

粗切削玉米铣刀系列 MILLING CUTTERS


O 02 -O 03


O 04


O 05


O 07


O 08


O 09


O 10

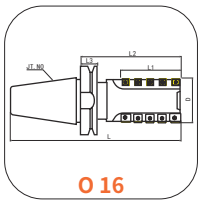

O 11

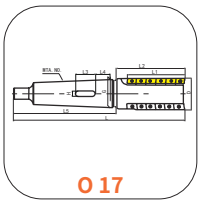

O 12

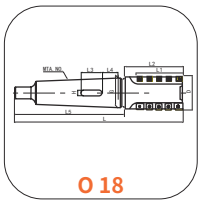

O 13

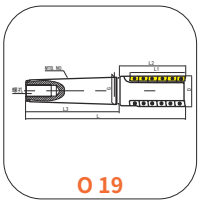

O 14

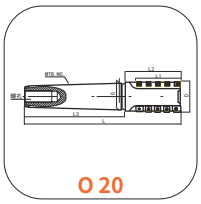

O 15


O 16


O 17


O 18


O 19


O 20

舍弃式快速 U 钻 INDEXABLE INSERT DRILL


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P 09 - O 14

攻丝夹头系列 TAPPING CHUCK SERIES


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Q 06


Q 07


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Q 11


Q 12


Q 12


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Q 36

NT-TER-B
刚性伸缩攻牙刀柄
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Q 40


Q 41


Q 42


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Q 44


Q 44


Q 46-Q 49


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Q 51


Q 52


Q 53


Q 54


Q 54


Q 55


Q 56


Q 57


Q 58


Q 59


Q 60


Q 60


Q 61


Q 61


Q 62


Q 62


Q 63

回转顶尖系列 LIVE CENTER SERIES



回转顶尖系列 LIVE CENTER SERIES


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R 09


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R 11


R 12


R 13


R 14


R 15


R 16


R 17


R 18


R 19


R 20


R 21


R 22


R 23


R 24


R 25


R 26


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R 29

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S 13


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T 07


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U 04 - U 05


U 06


U 06


U 07


U 08


U 09


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U 16


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V 02


V 02


V03


V 03


V 04


V 04


V 05


V 05


V 06


V 06


V 06

分度头系列、精密平口钳系列 INDEX FIXTU & PRECISION VISE SERIES



角度铣头系列 ANGLE HEAD SERIES



目录 CATALOGUE

角度铣头系列 ANGLE HEAD SERIES


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V 44


V 44


V 45


V 45


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V 46


V 47


V 47


V 48


V 48


V 49


V 49


V 50


V 50


V 51


V 51

技术资料 TECHNICAL INFORMATION

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BT 02

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阻尼减振刀具
DAMPING TOOLS



阻尼减振刀具
DAMPING TOOLS

阻尼减振刀具 Damping Tools

阻尼减振车刀杆 DAMPING TURNING TOOL HOLDER



FIG. 1

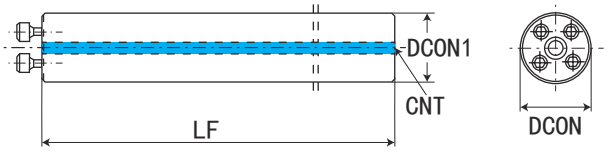
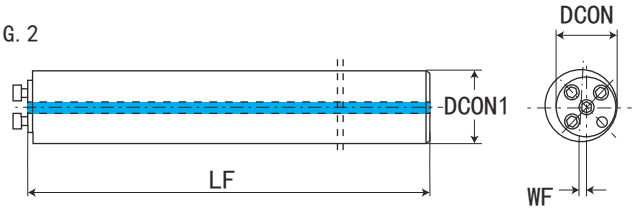


FIG. 2



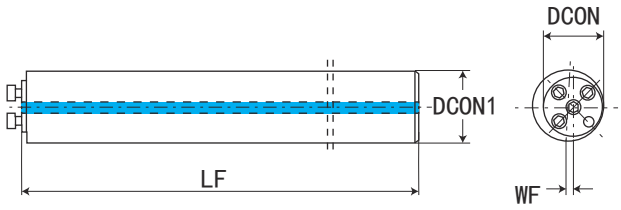
型号 Model	刀杆直径 DCON1	安装面直径 DCON	长度 LF	螺孔 CNT	倍径 L/D	适配刀头 CARTRIDGE	FIG	重量 KG
SD16-C16-156V	16	16	156	G1/8..	7	SD16	1	0.2
SD16-C16-204VE	16	16	204	G1/8..	10	SD16	1	0.5
SD20-C20-200V	20	20	200	G1/4..	7	SD20	1	0.4
SD20-C20-260VE	20	20	260	G1/4..	10	SD20	1	0.8
SD25-C25-255V	25	25	255	G1/4..	7	SD25	1	1
SD25-C25-330VE	25	25	330	G1/4..	10	SD25	1	1.3
SD25-C25-380VE	25	25	380	G1/8..	12	SD25	1	2
SD25-C25-430VE	25	25	430	G1/8..	14	SD25	1	2.6
SD32-C32-320V	32	32	320	G3/8..	7	SD32	1	2.1
SD32-C32-416V	32	32	416	G3/8..	10	SD32	1	2.8
SD32-C32-480VE	32	32	480	G1/4..	12	SD32	1	4.2
SD32-C32-544VE	32	32	544	G1/4..	14	SD32	1	4.8
SD40-C40-408V	40	40	408	G1/2..	7	SD40	2	4.6
SD40-C40-528V	40	40	528	G1/2..	10	SD40	2	5.3
SD40-C40-608VE	40	40	608	G3/8..	12	SD40	2	8.3
SD40-C40-688VE	40	40	688	G3/8..	14	SD40	2	9.4

SD16- C16 - 156 - V

- V → 功能代号 Mark
- 156 → 长度 Length
- C16 → 刀杆直径 Diameter
- SD16 → 适配刀头 Model of Cartridge head

阻尼减振车刀杆 DAMPING TURNING TOOL HOLDER





型号 Model	刀杆直径 DCON1	安装面直径 DCON	长度 LF	螺孔 CNT	倍径 L/D	适配刀头 CARTRIDGE	重量 KG
SD40-C50-518V	50	40	518	G1/2..	7	SD40	7.2
SD40-C50-668V	50	40	668	G1/2..	10	SD40	9.3
SD40-C50-768VE	50	40	768	G1/2..	12	SD40	14.4
SD40-C50-868VE	50	40	868	G1/2..	14	SD40	16.6

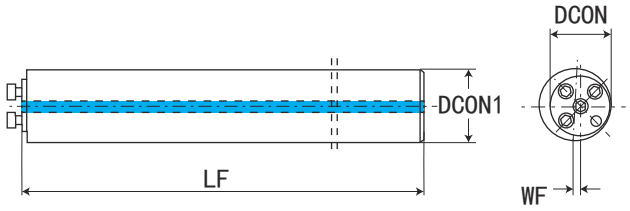
SD40 - C50 - 518 - V

- V → 功能代号 Mark
- 518 → 长度 Length
- C50 → 刀杆直径 Diameter
- SD40 → 适配刀头 Model of Cartridge head

阻尼减振刀具 Damping Tools

阻尼减振车刀杆 DAMPING TURNING TOOL HOLDER





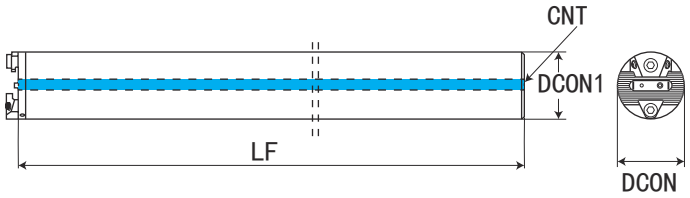
型号 Model	刀杆直径 DCON1	安装面直径 DCON	长度 LF	螺孔 CNT	倍径 L/D	适配刀头 CARTRIDGE	重量 KG
SD40-C60-628V	60	40	628	G3/4..	7	SD40	12.5
SD40-C60-808V	60	40	808	G3/4..	10	SD40	16.3
SD40-C60-920VE	60	40	920	G3/4..	12	SD40	27.1
SD40-C60-1040VE	60	40	1040	G3/4..	14	SD40	30.9

SD40- C60 - 628 - V

- 功能代号 Mark
- 长度 Length
- 刀杆直径 Diameter
- 适配刀头 Model of Cartridge head

阻尼减振车刀杆 DAMPING TURNING TOOL HOLDER





型号 Model	刀杆直径 DCON1	安装面直径 DCON	长度 LF	螺孔 CNT	倍径 L/D	适配刀头 CARTRIDGE	重量 KG
SD80-C80-880V	80	80	880	G3/4..	7	SD80	31.8
SD80-C80-1200V	80	80	1200	G3/4..	10	SD80	52.3
SD80-C80-1240VE	80	80	1240	G3/4..	12	SD80	50
SD80-C80-1400VE	80	80	1400	G3/4..	14	SD80	63

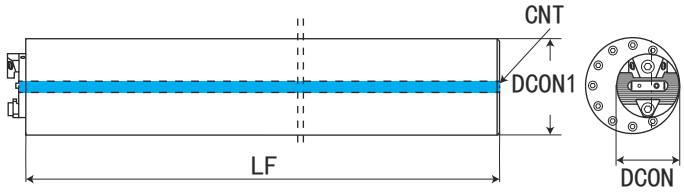
SD80 - C80 - 880 - V

- V → 功能代号 Mark
- 880 → 长度 Length
- C80 → 刀杆直径 Diameter
- SD80 → 适配刀头 Model of Cartridge head

阻尼减振刀具 Damping Tools

阻尼减振车刀杆 DAMPING TURNING TOOL HOLDER





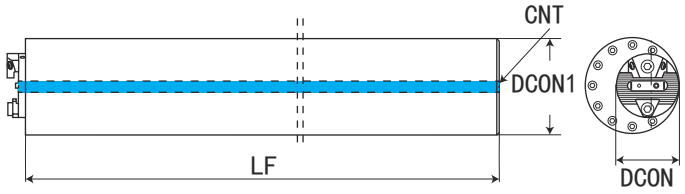
型号 Model	刀杆直径 DCON1	安装面直径 DCON	长度 LF	螺孔 CNT	倍径 L/D	适配刀头 CARTRIDGE	重量 KG
SD80-C100-1100V	100	80	1100	G3/4..	7	SD80	63.4
SD80-C100-1500V	100	80	1500	G3/4..	10	SD80	86.8
SD80-C120-1900V-R/L	120	80	1900	G3/4..	10	SD80	134
SD80-C130-2000V-R/L	130	80	2000	G3/4..	10	SD80	192.3
SD80-C140-2200V-R/L	140	80	2200	G3/4..	10	SD80	241.5
SD80-C150-2400V-R/L	150	80	2400	G3/4..	10	SD80	252.6
SD80-C160-2600V-R/L	160	80	2600	G3/4..	10	SD80	339.3
SD80-C180-2800V-R/L	180	80	2800	G3/4..	10	SD80	458.2
SD80-C200-3200V-R/L	200	80	3200	G3/4..	10	SD80	657.7
SD80-C220-3450V-R/L	220	80	3450	G1..	10	SD80	1059.3
SD80-C250-4000V-R/L	250	80	4000	G1..	10	SD80	1229

SD80 - C100 - 1100 - V - R/L

- R/L → 右/左 Right/Left
- V → 功能代号 Mark
- 1100 → 长度 Length
- C100 → 刀杆直径 Diameter
- SD80 → 适配刀头 Model of Cartridge head

阻尼减振车刀杆 DAMPING TURNING TOOL HOLDER





型号 Model	刀杆直径 DCON1	安装面直径 DCON	长度 LF	螺孔 CNT	倍径 L/D	适配刀头 CARTRIDGE	重量 KG
SD80-C100-1560VE	100	80	1560	G3/4..	12	SD80	117.6
SD80-C100-1760VE	100	80	1760	G3/4..	14	SD80	133.3
SD80-C120-1870VE-R/L	120	80	1870	G3/4..	12	SD80	215.7
SD80-C120-2110VE-R/L	120	80	2110	G3/4..	14	SD80	248.6
SD80-C130-2030VE-R/L	130	80	2030	G3/4..	12	SD80	271.4
SD80-C130-2290VE-R/L	130	80	2290	G3/4..	14	SD80	312.3
SD80-C140-2190VE-R/L	140	80	2190	G3/4..	12	SD80	336.7
SD80-C140-2470VE-R/L	140	80	2470	G3/4..	14	SD80	386.8
SD80-C150-2350VE-R/L	150	80	2350	G3/4..	12	SD80	397.2
SD80-C150-2650VE-R/L	150	80	2650	G3/4..	14	SD80	472.4
SD80-C160-2510VE-R/L	160	80	2510	G3/4..	12	SD80	497.5
SD80-C160-2830VE-R/L	160	80	2830	G3/4..	14	SD80	571.2
SD80-C180-2830VE-R/L	180	80	2830	G3/4..	12	SD80	559.7
SD80-C180-3190VE-R/L	180	80	3190	G3/4..	14	SD80	642.6
SD80-C200-3150VE-R/L	200	80	3150	G3/4..	12	SD80	621.9
SD80-C200-3550VE-R/L	200	80	3550	G3/4..	14	SD80	714.3
SD80-C220-3470VE-R/L	220	80	3470	G3/4..	12	SD80	684.1
SD80-C220-3910VE-R/L	220	80	3910	G3/4..	14	SD80	785.7
SD80-C250-3950VE-R/L	250	80	3950	G3/4..	12	SD80	777.4
SD80-C250-4450VE-R/L	250	80	4450	G3/4..	14	SD80	892.8

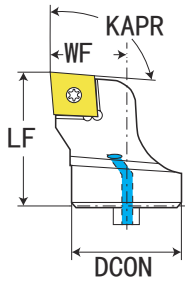
SD80 - C100 - 1560 - VE - R/L

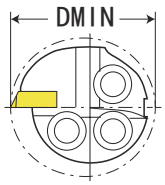
- 右/左 Right/Left
- 功能代号 Mark
- 长度 Length
- 刀杆直径 Diameter
- 适配刀头 Model of Cartridge head

阻尼减振刀具 Damping Tools

正型 95°正镗刀头 POSITIVE TYPE 95° BORING







型号 Model	长度 LF	安装面直径 DCON	中心距 WF	范围 DMIN	角度 KARP	刀片 Insert	重量 KG
SD16-SCLCR-06	20	16	11	20	95°	CC**0602**	0.03
SD20-SCLCR-09	20	20	13	25	95°	CC**09T3**	0.05
SD25-SCLCR-09	20	25	17	32	95°	CC**09T3**	0.07
SD32-SCLCR-09	32	32	22	40	95°	CC**09T3**	0.13
SD40-SCLCR-12	38	40	27	50	95°	CC**1204**	0.24
SD16-SCLCL-06	20	16	11	20	95°	CC**0602**	0.03
SD20-SCLCL-09	20	20	13	25	95°	CC**09T3**	0.05
SD25-SCLCL-09	20	25	17	32	95°	CC**09T3**	0.07
SD32-SCLCL-09	32	32	22	40	95°	CC**09T3**	0.13
SD40-SCLCL-12	38	40	27	50	95°	CC**1204**	0.24

备件 SPARE PARTS

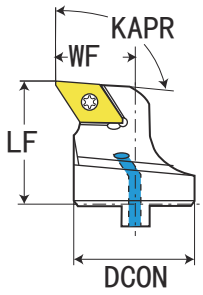
型号 Model	螺丝 Screw	旗型扳手 Wrench	刀垫 Shim	刀垫螺套 Sleeve for shim	刀垫扳手 Allen key for shim	定位销 Locating pin
SD16-SCLCR/L-06	SR21-M2.5*0.45P*5	T8	-	-	-	D4-3*7
SD20-SCLCR/L-09	SR21-M4*0.7P*9	T15	-	-	-	D6-5*8
SD25 SCLCR/L-09	SR21-M4*0.7P*9	T15	-	-	-	D6-5*9
SD32 SCLCR/L-09	SR21-M4*0.7P*9	T15	-	-	-	D6-5*11
SD40 SCLCR/L-12	SR21-M5*0.8P*12	T20	ST01-CC12*2.8	SRT-M7-M5*13	KEY01-M3	D6-5*11

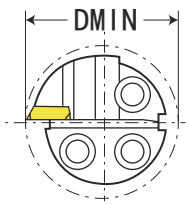
SD16 - SCLC - R/L - 06

- 06 → 刀片 Insert
- R/L → 右/左 Right/Left
- SCLC → 功能代号 Mark
- SD16 → 适配刀头 Model of Cartridge head

正型 93°正镗刀头 POSITIVE TYPE 93° BORING







型号 Model	长度 LF	安装面直径 DCON	中心距 WF	范围 DMIN	角度 KARP	刀片 Insert	重量 KG
SD16-SDUCR-07	20	16	11	20	93°	DC**0702**	0.03
SD20-SDUCR-11	20	20	13	25	93°	DC**11T3**	0.05
SD25-SDUCR-11	20	25	17	32	93°	DC**11T3**	0.07
SD32-SDUCR-11	32	32	22	40	93°	DC**11T3**	0.13
SD40-SDUCR-11	32	40	27	50	93°	DC**11T3**	0.2
SD16-SDUCL-07	20	16	11	20	93°	DC**0702**	0.03
SD20-SDUCL-11	20	20	13	25	93°	DC**11T3**	0.05
SD25-SDUCL-11	20	25	17	32	93°	DC**11T3**	0.07
SD32-SDUCL-11	32	32	22	40	93°	DC**11T3**	0.13
SD40-SDUCL-11	32	40	27	50	93°	DC**11T3**	0.2

备件 SPARE PARTS

型号 Model	螺丝 Screw	旗型扳手 Wrench	刀垫 Shim	刀垫螺套 Sleeve for shim	刀垫扳手 Allen key for shim	定位销 Locating pin
SD16-SDUCR/L-07	SR21-M2.5*0.45P*5	T8	-	-	-	D4-3*7
SD20-SDUCR/L-11	SR21-M4*0.7P*11	T15	-	-	-	D6-5*8
SD25-SDUCR/L-11	SR21-M4*0.7P*11	T15	-	-	-	D6-5*9
SD32-SDUCR/L-11	SR21-M4*0.7P*11	T15	ST01-CC11*2.82	SRT-M6-M4*6.9	KEY01-M4	D6-5*11
SD40-SDUCR/L-11	SR21-M4*0.7P*11	T15	ST01-CC11*2.82	SRT-M6-M4*6.9	KEY01-M4	D6-5*11

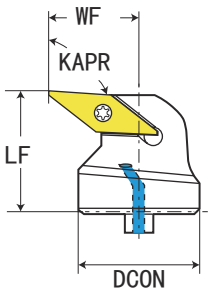
SD16 - SDUC - R/L - 07

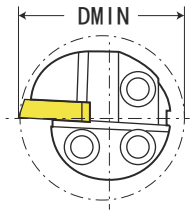
- 07 → 刀片 Insert
- R/L → 右/左 Right/Left
- SDUC → 功能代号 Mark
- SD16 → 适配刀头 Model of Cartridge head

阻尼减振刀具 Damping Tools

正型 93°正镗仿形刀头 POSITIVE TYPE 93° BORING AND PROFILE-TURNING







型号 Model	长度 LF	安装面直径 DCON	中心距 WF	范围 DMIN	角度 KARP	刀片 Insert	重量 KG
SD20-SVUCR-11	20	20	16	27	93 度	VC**1103**	0.05
SD25-SVUCR-11	25	25	17	31	93 度	VC**1103**	0.06
SD20-SVUCL-11	20	20	15	27	93 度	VC**1103**	0.05
SD25-SVUCL-11	25	25	17	31	93 度	VC**1103**	0.06

备件 SPARE PARTS

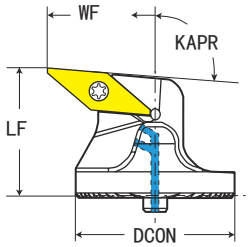
型号 Model	螺丝 Screw	旗型扳手 Wrench	定位销 Locating pin
SD20-SVUCR/L-11	SR21-M2.5*0.45P*6	T8	D6-5*8
SD25-SVUCR/L-11	SR21-M2.5*0.45P*6	T8	D6-5*9

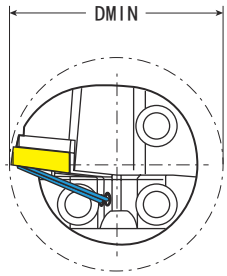
SD20 - SVUC - R/L - 11

- 11 → 刀片 Insert
- R/L → 右/左 Right/Left
- SVUC → 功能代号 Mark
- SD20 → 适配刀头 Model of Cartridge head

正型 95°正镗仿形刀头 POSITIVE TYPE 95° BORING AND PROFILE-TURNING







型号 Model	长度 LF	安装面直径 DCON	中心距 WF	范围 DMIN	角度 KARP	刀片 Insert	重量 KG
SD32-SVLBR-16	32	32	22	40	95 度	VC**1604**	0.13
SD40-SVLBR-16	32	40	27	50	95 度	VC**1604**	0.19
SD32-SVLBL-16	32	32	22	40	95 度	VC**1604**	0.13
SD40-SVLBL-16	32	40	27	50	95 度	VC**1604**	0.19

备件 SPARE PARTS

型号 Model	螺丝 Screw	旗型扳手 Wrench	刀垫 Shim	刀垫螺套 Sleeve for shim	刀垫扳手 Allen key for shim	定位销 Locating pin
SD32-SVLBR/L-16	SR21-M4*0.7P*11	T15	ST01-CC16*2.82	SRT-M6-M4*6.9	KEY01-M4	D6-5*11
SD40-SVLBR/L-16	SR21-M4*0.7P*11	T15	ST01-CC16*2.82	SRT-M6-M4*6.9	KEY01-M4	D6-5*11

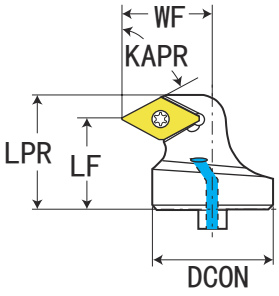
SD32 - SVLB - R/L - 16

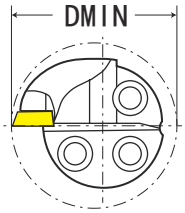
- 16 → 刀片 Insert
- R/L → 右/左 Right/Left
- SVLB → 功能代号 Mark
- SD32 → 适配刀头 Model of Cartridge head

阻尼减振刀具 Damping Tools

正型 62.5°仿形刀头 POSITIVE TYPE 62.5° PROFILE-TURNING







型号 Model	长度 LF	安装面直径 DCON	全长 LPR	中心距 WF	范围 DMIN	角度 KARP	刀片 Insert	重量 KG
SD16-SDXCR-07	15	16	18.8	13	22	62.5°	DC**0702**	0.03
SD20-SDXCR-07	15	20	18.8	15	27	62.5°	DC**0702**	0.04
SD25-SDXCR-07	15	25	18.8	18	33	62.5°	DC**0702**	0.06
SD32-SDXCR-11	20	32	28	22	40	62.5°	DC**11T3**	0.12
SD40-SDXCR-11	20	40	28	27	50	62.5°	DC**11T3**	0.18
SD16-SDXCL-07	15	16	18.8	13	22	62.5°	DC**0702**	0.03
SD20-SDXCL-07	15	20	18.8	15	27	62.5°	DC**0702**	0.04
SD25-SDXCL-07	15	25	18.8	18	33	62.5°	DC**0702**	0.06
SD32-SDXCL-11	20	32	28	22	40	62.5°	DC**11T3**	0.12
SD40-SDXCL-11	20	40	28	27	50	62.5°	DC**11T3**	0.18

备件 SPARE PARTS

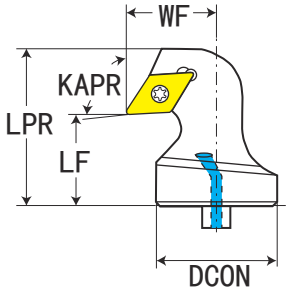
型号 Model	螺丝 Screw	旗型扳手 Wrench	刀垫 Shim	刀垫螺套 Sleeve for shim	刀垫扳手 Allen key for shim	定位销 Locating pin
SD16-SDXCR/L-07	SR21-M2.5*0.45P*5	T8	-	-	-	D4-3*7
SD20-SDXCR/L-07	SR21-M2.5*0.45P*5	T8	-	-	-	D6-5*8
SD25-SDXCR/L-07	SR21-M2.5*0.45P*5	T8	-	-	-	D6-5*9
SD32-SDXCR/L-11	SR21-M4*0.7P*11	T15	ST01-CC11*2.82	SRT-M6-M4*6.9	KEY01-M4	D6-5*11
SD40-SDXCR/L-11	SR21-M4*0.7P*11	T15	ST01-CC11*2.82	SRT-M6-M4*6.9	KEY01-M4	D6-5*11

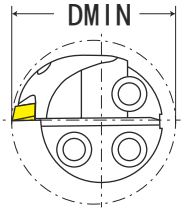
SD16 - SDXC - R/L - 07

- 07 → 刀片 Insert
- R/L → 右/左 Right/Left
- SDXC → 功能代号 Mark
- SD16 → 适配刀头 Model of Cartridge head

正型 93°反镗刀头 POSITIVE TYPE 93° BACK BORING







型号 Model	长度 LF	安装面直径 DCON	全长 LPR	中心距 WF	范围 DMIN	角度 KARP	刀片 Insert	重量 KG
SD16-SDZCR-07	15	16	26.6	13	22	93°	DC**0702**	0.03
SD20-SDZCR-07	15	20	26.6	15	27	93°	DC**0702**	0.05
SD25-SDZCR-07	15	25	26.6	18	33	93°	DC**0702**	0.06
SD32-SDZCR-11	20	32	37	22	40	93°	DC**11T3**	0.14
SD40-SDZCR-11	20	40	37	27	50	93°	DC**11T3**	0.22
SD16-SDZCL-07	15	16	26.6	13	22	93°	DC**0702**	0.03
SD20-SDZCL-07	15	20	26.6	15	27	93°	DC**0702**	0.05
SD25-SDZCL-07	15	25	26.6	18	33	93°	DC**0702**	0.06
SD32-SDZCL-11	20	32	37	22	40	93°	DC**11T3**	0.14
SD40-SDZCL-11	20	40	37	27	50	93°	DC**11T3**	0.22

备件 SPARE PARTS

型号 Model	螺丝 Screw	旗型扳手 Wrench	刀垫 Shim	刀垫螺套 Sleeve for shim	刀垫扳手 Allen key for shim	定位销 Locating pin
SD16-SDZCR/L-07	SR21-M2.5*0.45P*5	T8	-	-	-	D4-3*7
SD20-SDZCR/L-07	SR21-M2.5*0.45P*5	T8	-	-	-	D6-5*8
SD25-SDZCR/L-07	SR21-M2.5*0.45P*5	T8	-	-	-	D6-5*9
SD32-SDZCR/L-11	SR21-M4*0.7P*11	T15	ST01-CC11*2.82	SRT-M6-M4*6.9	KEY01-M4	D6-5*11
SD40-SDZCR/L-11	SR21-M4*0.7P*11	T15	ST01-CC11*2.82	SRT-M6-M4*6.9	KEY01-M4	D6-5*11

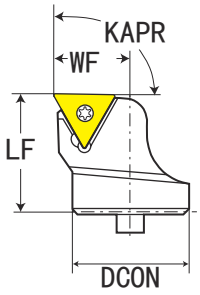
SD16 - SDZC - R/L - 07

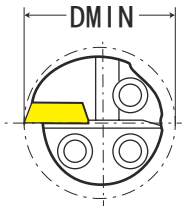
- 07 → 刀片 Insert
- R/L → 右/左 Right/Left
- SDZC → 功能代号 Mark
- SD16 → 适配刀头 Model of Cartridge head

阻尼减振刀具 Damping Tools

正型 91°正镗刀头 POSITIVE TYPE 91° PROFILE-TURNING







型号 Model	长度 LF	安装面直径 DCON	中心距 WF	范围 DMIN	角度 KARP	刀片 Insert	重量 KG
SD16-STFCR-09	20	16	11	20	91°	TC**0902**	0.03
SD16-STFCR-11	20	16	11	20	91°	TC**1102**	0.03
SD20-STFCR-11	20	20	13	25	91°	TC**1102**	0.04
SD25-STFCR-11	20	25	17	32	91°	TC**1102**	0.06
SD32-STFCR-16	32	32	22	40	91°	TC**16T3**	0.14
SD40-STFCR-16	32	40	27	50	91°	TC**16T3**	0.21
SD16-STFCL-09	20	16	11	20	91°	TC**0902**	0.03
SD16-STFCL-11	20	16	11	20	91°	TC**1102**	0.03
SD20-STFCL-11	20	20	13	25	91°	TC**1102**	0.04
SD25-STFCL-11	20	25	17	32	91°	TC**1102**	0.06
SD32-STFCL-16	32	32	22	40	91°	TC**16T3**	0.14
SD40-STFCL-16	32	40	27	50	91°	TC**16T3**	0.21

备件 SPARE PARTS

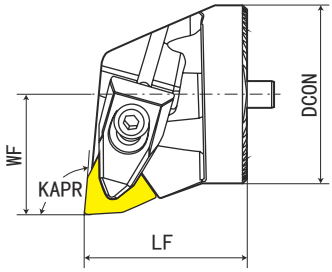
型号 Model	螺丝 Screw	旗型扳手 Wrench	定位销 Locating pin
SD16-STFCR/L-09	SR21-M2.2*0.45P*5.5	T7	D4-3*7
SD16-STFCR/L-11	SR21-M2.5*0.45P*6	T8	D4-3*7
SD20-STFCR/L-11	SR21-M2.5*0.45P*6	T8	D6-5*8
SD25-STFCR/L-11	SR21-M2.5*0.45P*6	T8	D6-5*9
SD32-STFCR/L-16	SR21-M4*0.7P*9.5	T15	D6-5*11
SD40-STFCR/L-16	SR21-M4*0.7P*9.5	T15	D6-5*11

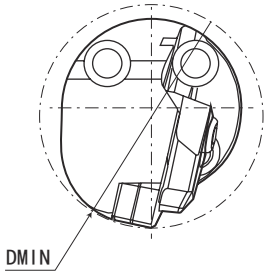
SD16 - STFC - R/L - 09

- 09 → 刀片 Insert
- R/L → 右/左 Right/Left
- STFC → 功能代号 Mark
- SD16 → 适配刀头 Model of Cartridge head

负型 95°正镗刀头 NEGATIVE TYPE 91° PROFILE-TURNING







型号 Model	长度 LF	安装面直径 DCON	中心距 WF	范围 DMIN	角度 KARP	刀片 Insert	重量 KG
SD32-DWLNR-06T	32	32	22	40	95 度	WN**0604**	0.11
SD32-DWLNR-08T	36	32	24	46	95 度	WN**0804**	0.12
SD40-DWLNR-08T	36	40	27	50	95 度	WN**0804**	0.23
SD32-DWLNL-06T	32	32	22	40	95 度	WN**0604**	0.11
SD32-DWLNL-08T	36	32	24	46	95 度	WN**0804**	0.12
SD40-DWLNL-08T	36	40	27	50	95 度	WN**0804**	0.23

备件 SPARE PARTS

型号 Model	压板 Clamping pad	压板弹簧 Spring for clampin pad	压板螺钉 Screw for clampin pad	刀垫 Shim	压板扳手 Allen key for clampin pad	刀垫锁紧螺钉 Clamping screw for shim	刀垫扳手 Allen key for shim	定位销 Locating pin
SD32-DWLNR/L-06T	PB10DDN11	YH7*0.6*13	SR59M4*16	ST01WN06*3.18	KEY01-M2.5	SR20-M4*0.7P*9.5	KEY02-T15	D6-5*11
SD32-DWLNR/L-08T	PB10DCN12	YH8*0.6*13	SR59M5*20	ST01WN08*3.18	KEY01-M3	SR20-M5*0.8P*10	KEY02-T20	D6-5*11
SD40-DWLNR/L-08T	PB10DCN12	YH8*0.6*13	SR59M5*20	ST01WN08*6.35	KEY01-M3	SR20-M4*0.7P*9.5	KEY02-T15	D6-5*11

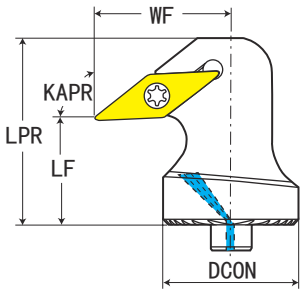
SD32 - DWLN - R/L - 06

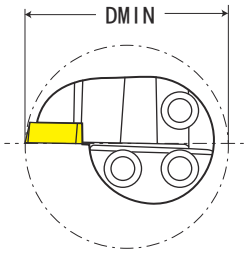
- 06 → 刀片 Insert
- R/L → 右/左 Right/Left
- DWLN → 功能代号 Mark
- SD32 → 适配刀头 Model of Cartridge head

阻尼减振刀具 Damping Tools

正型 93°反镗仿形刀头 POSITIVE TYPE 93° BACK BORING PROFILE-TURNING







型号 Model	长度 LF	安装面直径 DCON	全长 LPR	中心距 WF	范围 DMIN	角度 KARP	刀片 Insert	重量 KG
SD20-SVZCR-11	15	20	27	20	32	93°	VC**1103**	0.05
SD25-SVZCR-11	15	25	27	22	37	93°	VC**1103**	0.08
SD20-SVZCL-11	15	20	27	20	32	93°	VC**1103**	0.05
SD25-SVZCL-11	15	25	27	22	37	93°	VC**1103**	0.08

备件 SPARE PARTS

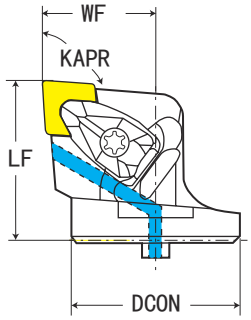
型号 Model	螺丝 Screw	旗型扳手 Wrench	定位销 Locating pin
SD20-SVZCR/L-11	SR20-M2.5*0.45P*6	T8	D6-5*8
SD25-SVZCR/L-11	SR20-M2.5*0.45P*6	T8	D6-5*9

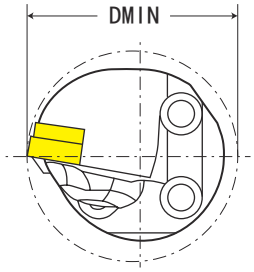
SD20 - SVZC - R/L - 11

- 11 → 刀片 Insert
- R/L → 右/左 Right/Left
- SVZC → 功能代号 Mark
- SD20 → 适配刀头 Model of Cartridge head

负型 95°正镗刀头 NEGATIVE TYPE 95° BORING







型号 Model	长度 LF	安装面直径 DCON	中心距 WF	范围 DMIN	角度 KARP	刀片 Insert	重量 KG
SD32-DCLNR-12	38	32	22	40	95 度	CN**1204**	0.17
SD40-DCLNR-12	38	40	27	50	95 度	CN**1204**	0.22
SD40-DCLNR-16	40	40	32	57	95 度	CN**1606**	0.32
SD40-DCLNR-19	42	40	34	57	95 度	CN**1906**	0.33
SD32-DCLNL-12	38	32	22	40	95 度	CN**1204**	0.17
SD40-DCLNL-12	38	40	27	50	95 度	CN**1204**	0.22
SD40-DCLNL-16	40	40	32	57	95 度	CN**1606**	0.32
SD40-DCLNL-19	42	40	34	57	95 度	CN**1906**	0.33

备件 SPARE PARTS

型号 Model	压板 Clamping pad	压板弹簧 Spring for clampin pad	压板螺钉 Screw for clampin pad	刀垫 Shim	压板扳手 Allen key for clampin pad	刀垫锁紧螺钉 Clamping screw for shim	刀垫扳手 Allen key for shim	定位销 Locating pin
SD32-DCLNR/L-12	PB10DCN12	YH8*0.6*13	SR59M5*20	ST01CN12*3.2	KEY01-M3	SR20-M5*0.8P*10	KEY02-T20	D6-5*11
SD40-DCLNR/L-12	PB10DCN12	YH8*0.6*13	SR59M5*20	ST01CN12*3.2	KEY01-M3	SR20-M5*0.8P*10	KEY02-T20	D6-5*11
SD40-DCLNR/L-16	PB10DCN16	YH9*0.8*14	SR59M6*26.5	ST01CN16*3.2	KEY01-M4	-	KEY02-T20	-
SD40-DCLNR/L-19	PB10DCN19	-	-	-	-	-	-	-

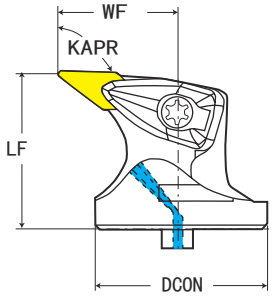
SD32 - DCLN - R/L - 12

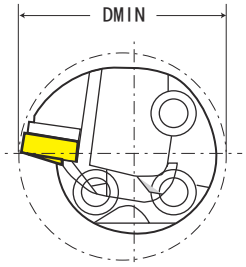
- 12 → 刀片 Insert
- R/L → 右/左 Right/Left
- DCLN → 功能代号 Mark
- SD32 → 适配刀头 Model of Cartridge head

阻尼减振刀具 Damping Tools

负型 93°正镗仿形刀头 NEGATIVE TYPE 93° BORING AND PROFILE-TURNING







型号 Model	长度 LF	安装面直径 DCON	全长 LPR	中心距 WF	范围 DMIN	角度 KARP	刀片 Insert	重量 KG
SD40-DVUNR-16	20	40	38.5	34	56	93 度	VN**1604**	0.26
SD40-DVUNL-16	20	40	38.5	34	56	93 度	VN**1604**	0.26

备件 SPARE PARTS

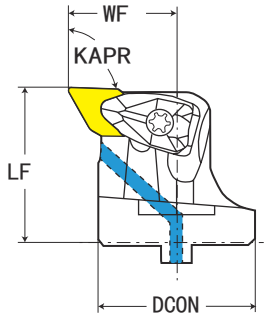
型号 Model	压板 Clamping pad	压板弹簧 Spring for clampin pad	压板螺钉 Screw for clampin pad	刀垫 Shim	压板扳手 Allen key for clampin pad	刀垫锁紧螺钉 Clamping screw for shim	刀垫扳手 Allen key for shim	定位销 Locating pin
SD40-DVUNR/L-16	PB10DVN16	YH9*0.8*14	SR59M6*26.5	ST01VN16*3.2	KEY01-M4	SR20-M3.5*0.6P*8.5	KEY02-T10	D6-5*11

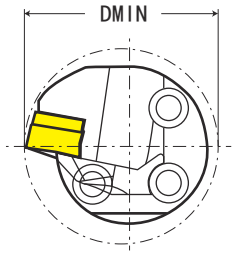
SD40 - DVUN - R/L - 16

- 刀片 Insert
- 右/左 Right/Left
- 功能代号 Mark
- 适配刀头 Model of Cartridge head

负型 93°正镗仿形刀头 NEGATIVE TYPE 93° BORING AND PROFILE-TURNING







型号 Model	长度 LF	安装面直径 DCON	中心距 WF	范围 DMIN	角度 KARP	刀片 Insert	重量 KG
SD32-DDUNR-11	32	32	22	40	93°	DN**1104**	0.13
SD40-DDUNR-15	32	40	27	50	93°	DN**1506**	0.21
SD32-DDUNL-11	32	32	22	40	93°	DN**1104**	0.13
SD40-DDUNL-15	32	40	27	50	93°	DN**1506**	0.21

备件 SPARE PARTS

型号 Model	压板 Clamping pad	压板弹簧 Spring for clampin pad	压板螺钉 Screw for clampin pad	刀垫 Shim	压板扳手 Allen key for clampin pad	刀垫锁紧螺钉 Clamping screw for shim	刀垫扳手 Allen key for shim	定位销 Locating pin
SD32-DDUNR/L-11	PB10DDN11	YH7*0.6*13	SR59M4*16	ST01DN11*3.18	KEY01-M2.5	SR21-M4*0.7P*9.5	KEY02-T15	D6-5*11
SD40-DDUNR/L-15	PB10DCN12	YH8*0.6*13	SR59M5*20	ST01DN15*4.76	KEY01-M3	SR20-M4*0.7P*11.5	KEY02-T15	D6-5*11

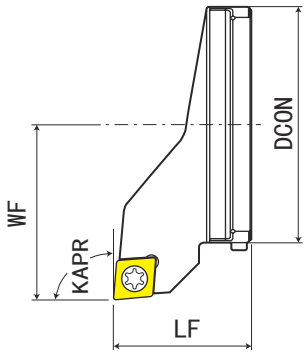
SD32 - DDUN - R/L - 11

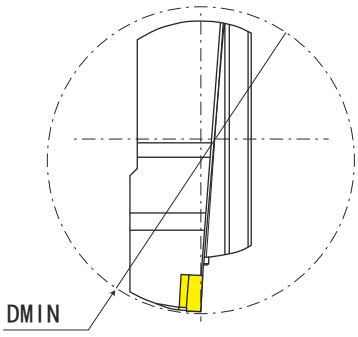
- 11 → 刀片 Insert
- R/L → 右/左 Right/Left
- DDUN → 功能代号 Mark
- SD32 → 适配刀头 Model of Cartridge head

阻尼减振刀具 Damping Tools

正型 95°正镗刀头 POSITIVE TYPE 95° BORING







型号 Model	长度 LF	安装面直径 DCON	中心距 WF	范围 DMIN	厚度 H	角度 KARP	刀片 Insert	重量 KG
SD80-SCLCR-12	45	80	57	100	37.5	95°	CC**1204**	0.55
SD80-SCLCL-12	45	80	57	100	37.5	95°	CC**1204**	0.55

备件 SPARE PARTS

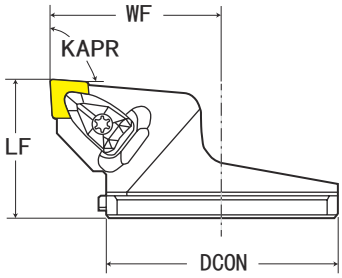
型号 Model	压板 Clamping pad	压板弹簧 Spring for clampin pad	压板螺钉 Screw for clampin pad	刀垫 Shim	压板扳手 Allen key for clampin pad	刀垫锁紧螺钉 Clamping screw for shim	刀垫扳手 Allen key for shim
SD80-SCLCR/L-12	PB10DCN12	YH8*0.6*13	SR59M5*20	ST01CN12*3.2	KEY01-M3	SR20-M5*0.8P*10	KEY02-T20

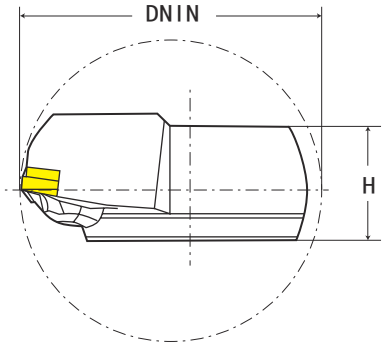
SD80 - SCLC - R/L - 16

- 16 → 刀片 Insert
- R/L → 右/左 Right/Left
- SCLC → 功能代号 Mark
- SD80 → 适配刀头 Model of Cartridge head

负型 95°正镗刀头 NEGATIVE TYPE 95° BORING







型号 Model	长度 LF	安装面直径 DCON	中心距 WF	范围 DMIN	厚度 H	角度 KARP	刀片 Insert	重量 KG
SD80-DCLNR-12	45	80	57	100	37.5	95°	CN**1204**	0.56
SD80-DCLNR-16	45	80	57	100	37.5	95°	CN**1606**	0.6
SD80-DCLNL-12	45	80	57	100	37.5	95°	CN**1204**	0.56
SD80-DCLNL-16	45	80	57	100	37.5	95°	CN**1606**	0.6

备件 SPARE PARTS

型号 Model	压板 Clamping pad	压板弹簧 Spring for clampin pad	压板螺钉 Screw for clampin pad	刀垫 Shim	压板扳手 Allen key for clampin pad	刀垫锁紧螺钉 Clamping screw for shim	刀垫扳手 Allen key for shim
SD80-DCLNR/L-12	PB10DCN12	YH8*0.6*13	SR59M5*20	ST01CN12*3.2	KEY01-M3	SR20-M5*0.8P*10	KEY02-T20
SD80-DCLNR/L-16	PB10DCN16	YH9*0.8*14	SR59M6*26.5	ST01CN16*3.2	KEY01-M4	-	KEY02-T20

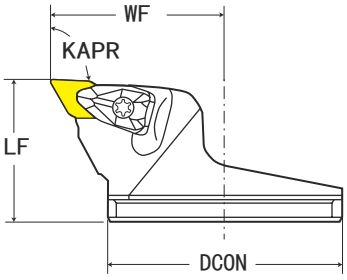
SD80 - DCLN - R/L - 12

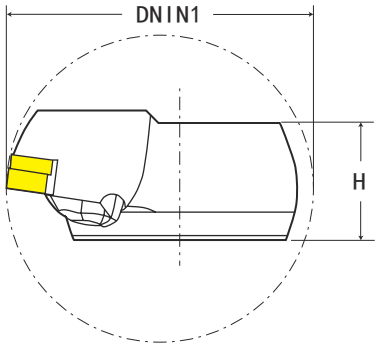
- 12 → 刀 片 Insert
- R/L → 右 / 左 Right/Left
- DCLN → 功 能 代 号 Mark
- SD80 → 适 配 刀 头 Model of Cartridge head

阻尼减振刀具 Damping Tools

负型 93°正镗仿形刀头 NEGATIVE TYPE 93° BORING AND PROFILE-TURNING







型号 Model	长度 LF	安装面直径 DCON	中心距 WF	范围 DMIN	厚度 H	角度 KARP	刀片 Insert	重量 KG
SD80-DDUNR-15	45	80	57	100	37.5	93°	DN**1506**	0.55
SD80-DDUNL-15	45	80	57	100	37.5	93°	DN**1506**	0.55

备件 SPARE PARTS

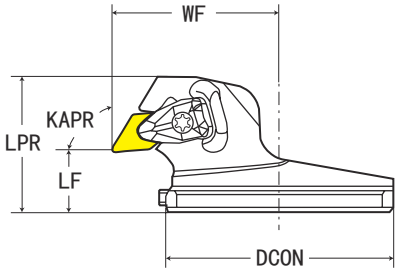
型号 Model	压板 Clamping pad	压板弹簧 Spring for clampin pad	压板螺钉 Screw for clampin pad	刀垫 Shim	压板扳手 Allen key for clampin pad	刀垫锁紧螺钉 Clamping screw for shim	刀垫扳手 Allen key for shim
SD80-DDUNR/L-15X	PB10DCN12	YH8*0.6*13	SR59M5*20	ST01DN15*4.76	KEY01-M3	SR20-M4*0.7P*11.5	KEY02-T15

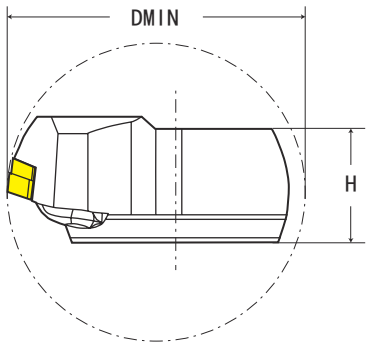
SD80 - DDUN - R/L - 12

- 12 → 刀片 Insert
- R/L → 右/左 Right/Left
- DDUN → 功能代号 Mark
- SD80 → 适配刀头 Model of Cartridge head

负型 93°反镗仿形刀头 NEGATIVE TYPE 93° BACK BORING AND PROFILE-TURNING







型号 Model	长度 LF	安装面直径 DCON	全长 LPR	中心距 WF	范围 DMIN	厚度 H	角度 KARP	刀片 Insert	重量 KG
SD80-DDUNR-15X	20	80	45	57	100	37.5	93°	DN**1506**	0.55
SD80-DDUNL-15X	20	80	45	57	100	37.5	93°	DN**1506**	0.55

备件 SPARE PARTS

型号 Model	压板 Clamping pad	压板弹簧 Spring for clampin pad	压板螺钉 Screw for clampin pad	刀垫 Shim	压板扳手 Allen key for clampin pad	刀垫锁紧螺钉 Clamping screw for shim	刀垫扳手 Allen key for shim
SD80-DDUNR/L-15X	PB10DCN12	YH8*0.6*13	SR59M5*20	ST01DN15*4.76	KEY01-M3	SR20-M4*0.7P*11.5	KEY02-T15

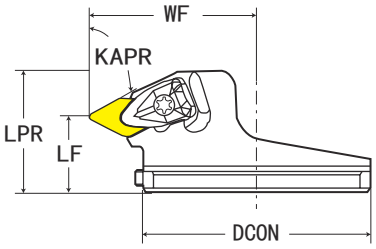
SD80 - DDUN - R/L - 15

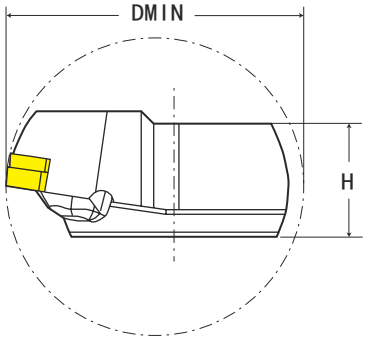
- 15 → 刀片 Insert
- R/L → 右/左 Right/Left
- DDUN → 功能代号 Mark
- SD80 → 适配刀头 Model of Cartridge head

阻尼减振刀具 Damping Tools

负型 62.5°仿形刀头 NEGATIVE TYPE 62.5° BORING AND PROFILE-TURNING







型号 Model	长度 LF	安装面直径 DCON	全长 LPR	中心距 WF	范围 DMIN	厚度 H	角度 KARP	刀片 Insert	重量 KG
SD80-DDXNR-15	25	80	40.3	57	100	37.5	62.5	DN**1506**	0.5
SD80-DDXNL-15	25	80	40.3	57	100	37.5	62.5	DN**1506**	0.5

备件 SPARE PARTS

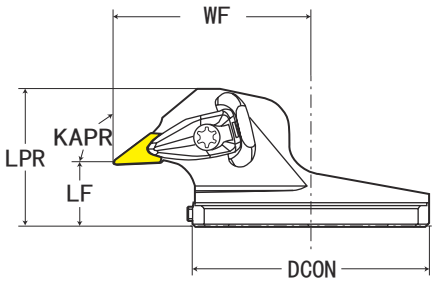
型号 Model	压板 Clamping pad	压板弹簧 Spring for clampin pad	压板螺钉 Screw for clampin pad	刀垫 Shim	压板扳手 Allen key for clampin pad	刀垫锁紧螺钉 Clamping screw for shim	刀垫扳手 Allen key for shim
SD80-DDXNR/L-15	PB10DCN12	YH8*0.6*13	SR59M5*20	ST01DN15*4.76	KEY01-M3	SR20-M4*0.7P*11.5	KEY02-T15

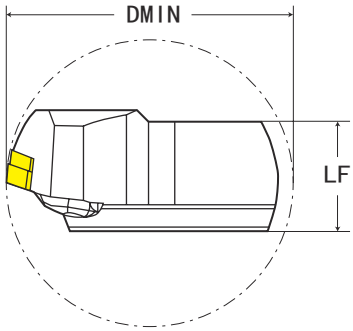
SD80 - DDXN - R/L - 15

- 15 → 刀片 Insert
- R/L → 右/左 Right/Left
- DDXN → 功能代号 Mark
- SD80 → 适配刀头 Model of Cartridge head

负型 93°反镗仿形刀头 NEGATIVE TYPE 93° BACK BORING AND PROFILE-TURNING







型号 Model	长度 LF	安装面直径 DCON	全长 LPR	中心距 WF	范围 DMIN	厚度 H	角度 KARP	刀片 Insert	重量 KG
SD80-DVUNR-16X	20	80	45	64	100	37.5	93°	VN**1604**	0.55
SD80-DVUNL-16X	20	80	45	64	100	37.5	93°	VN**1604**	0.55

备件 SPARE PARTS

型号 Model	压板 Clamping pad	压板弹簧 Spring for clampin pad	压板螺钉 Screw for clampin pad	刀垫 Shim	压板扳手 Allen key for clampin pad	刀垫锁紧螺钉 Clamping screw for shim	刀垫扳手 Allen key for shim
SD80-DVUNR/L-16X	PB10DVN16	YH9*0.8*14	SR59M6*26.5	ST01VN16*3.2	KEY01-M4	SR20-M3.5*0.6P*8.5	KEY02-T10

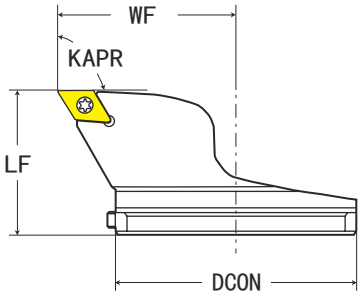
SD80 - DVUN - R/L - 16

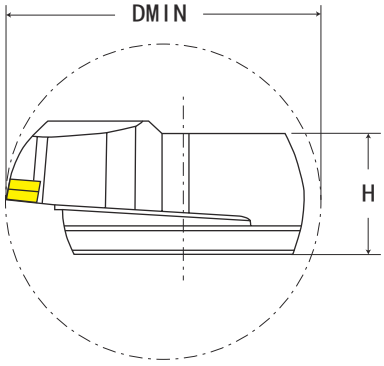
- 16 → 刀片 Insert
- R/L → 右/左 Right/Left
- DVUN → 功能代号 Mark
- SD80 → 适配刀头 Model of Cartridge head

阻尼减振刀具 Damping Tools

正型 93°正镗仿形刀头 POSITIVE TYPE 93° BORING AND PROFILE-TURNING







型号 Model	长度 LF	安装面直径 DCON	中心距 WF	范围 DMIN	厚度 H	角度 KARP	刀片 Insert	重量 KG
SD80-SDUCR-11	45.7	80	57	100	37.5	93°	DC**11T3**	0.55
SD80-SDUCL-11	45.7	80	57	100	37.5	93°	DC**11T3**	0.55

备件 SPARE PARTS

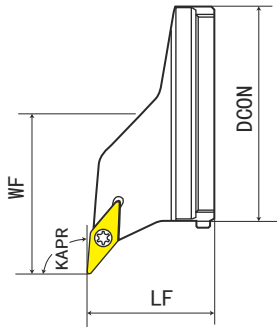
型号 Model	螺丝 Screw	旗型扳手 Wrench	刀垫 Shim	刀垫螺套 Sleeve for shim	刀垫扳手 Allen key for shim
SD80-SDUCR/L-11	SR21-M4*0.7P*11	T15	ST01-CC11*2.82	SRT-M6-M4*6.9	KEY01-M4

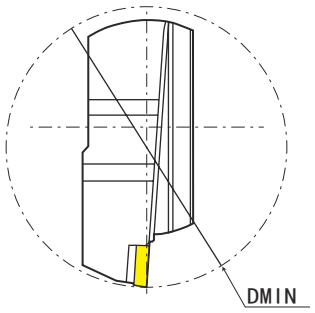
SD80 - SDUC - R/L - 11

- 11 → 刀片 Insert
- R/L → 右/左 Right/Left
- SDUC → 功能代号 Mark
- SD80 → 适配刀头 Model of Cartridge head

正型 95°正镗仿形刀头 POSITIVE TYPE 95° BORING AND PROFILE-TURNING







型号 Model	长度 LF	安装面直径 DCON	中心距 WF	范围 DMIN	厚度 H	角度 KARP	刀片 Insert	重量 KG
SD80-SVLCR-16T	45	80	57	100	37.5	95°	VC**1604**	0.44
SD80-SVLCL-16T	45	80	57	100	37.5	95°	VC**1604**	0.44

备件 SPARE PARTS

型号 Model	螺丝 Screw	旗型扳手 Wrench	刀垫 Shim	刀垫螺套 Sleeve for shim	刀垫扳手 Allen key for shim
SD80-SVLCR/L-16T	SR21-M4*0.7P*11	T15	ST01-CC16*2.82	SRT-M6-M4*6.9	KEY01-M4

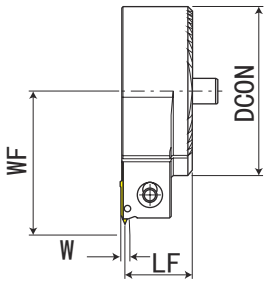
SD80 - SVLC - R/L - 16

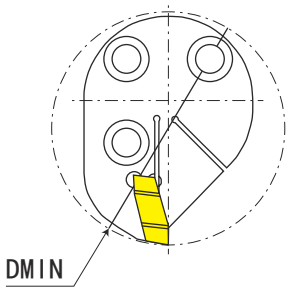
- 16 → 刀片 Insert
- R/L → 右/左 Right/Left
- SVLC → 功能代号 Mark
- SD80 → 适配刀头 Model of Cartridge head

阻尼减振刀具 Damping Tools

槽刀刀头 GROOVING HEAD







型号 Model	长度 LF	安装面直径 DCON	中心距 WF	范围 DMIN	槽宽 W	刀片 Insert	重量 KG
SD25-GIR/L-2	14	25	17.5	31	2	HG2002	0.45
SD25-GIR/L-3	14	25	17.5	31	3	HG3003	0.45
SD32-GIR/L-2	18	32	20	37	2	HG2002	0.45
SD32-GIR/L-3	18	32	20	37	3	HG3003	0.45
SD40-GIR/L-2	18	40	24	45	2	HG2002	0.45
SD40-GIR/L-3	18	40	25	46	3	HG3003	0.45
SD40-GIR/L-4	18	40	28	49	4	HG4004	0.45

备件 SPARE PARTS

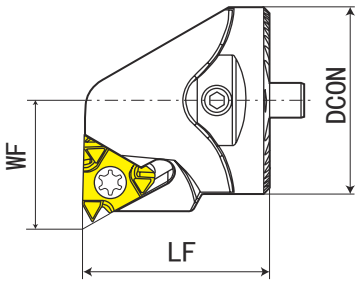
型号 Model	螺丝 Screw	旗型扳手 Wrench	定位销 Locating pin
SD25-GIR/L-2	SR55-M4*0.7P*12	KEY01-M3	D6-5*9
SD25-GIR/L-3	SR55-M4*0.7P*12	KEY01-M3	D6-5*9
SD32-GIR/L-2	SR55-M4*0.7P*12	KEY01-M3	D6-5*11
SD32-GIR/L-3	SR55-M4*0.7P*12	KEY01-M3	D6-5*11
SD40-GIR/L-2	SR55-M4*0.7P*12	KEY01-M3	D6-5*11
SD40-GIR/L-3	SR55-M4*0.7P*12	KEY01-M3	D6-5*11
SD40-GIR/L-4	SR55-M4*0.7P*12	KEY01-M3	D6-5*11

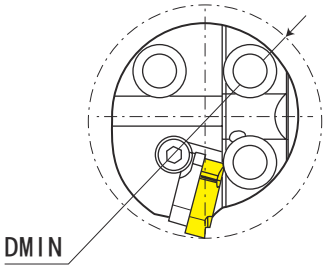
SD25 - GI - R/L - 2

- 2 → 刀片 Insert
- R/L → 右/左 Right/Left
- GI → 功能代号 Mark
- SD25 → 适配刀头 Model of Cartridge head

螺纹刀头 THREADING TOOL CARTRIDGE







型号 Model	长度 LF	安装面直径 DCON	中心距 WF	范围 DMIN	刀片 Insert	重量 KG
SD20-SIR/L-16	25	20	14	25	16IR/L	0.04
SD25-SIR/L-16T	25	25	17	32	16IR/L	0.05
SD32-SIR/L-16T	32	32	22	40	16IR/L	0.11
SD32-SIR/L-22T	32	32	22	40	22IR/L	0.11
SD40-SIR/L-16T	32	40	27	50	16IR/L	0.17
SD40-SIR/L-22T	32	40	27	50	22IR/L	0.17

备件 SPARE PARTS

型号 Model	螺丝 Screw	旗型扳手 Wrench	刀垫 Shim	刀垫螺套 Sleeve for shim	定位销 Locating pin
SD20-SIR/L-16	SR20-M3.5*0.6P*11.5	KEY02-T10	*	*	D6-5*9
SD25-SIR/L-16T	SR20-M3.5*0.6P*11.5	KEY02-T10	AI16	SR55-M3*6	D6-5*9
SD32-SIR/L-16T	SR20-M3.5*0.6P*11.5	KEY02-T10	AI16	SR55-M3*6	D6-5*11
SD32-SIR/L-22T	SR20-M4*0.7P*15	KEY02-T15	AI22	SR55-M3*6	D6-5*11
SD40-SIR/L-16T	SR20-M3.5*0.6P*11.5	KEY02-T10	AI16	SR55-M3*6	D6-5*11
SD40-SIR/L-22T	SR20-M4*0.7P*15	KEY02-T15	AI22	SR55-M3*6	D6-5*11

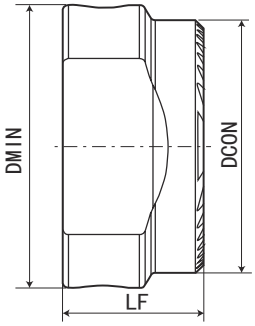
SD20 - SI - R/L - 16

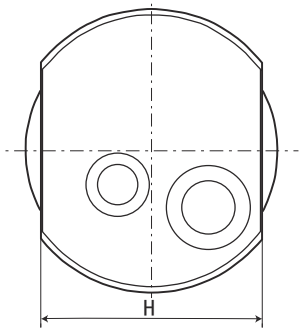
- 16 → 刀 片 Insert
- R/L → 右 / 左 Right/Left
- SI → 功 能 代 号 Mark
- SD20 → 适 配 刀 头 Model of Cartridge head

阻尼减振刀具 Damping Tools

中心校正块 CENTRE CALIBRATION BLOCK



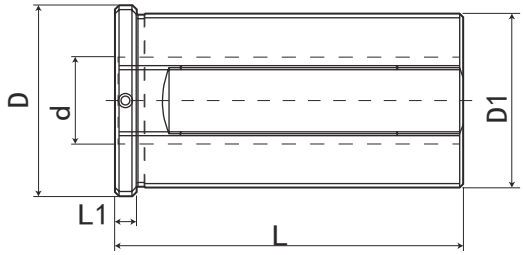


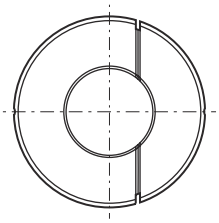


型号 Model	长度 LF	安装面直径 DCON	范围 DMIN	H	重量 KG
SDXZ16-25	14	25	28	22	0.05
SDXZ32-60	25	60	62	52	0.45

阻尼减振刀杆专用变径套 DAMPING TOOL SLEEVE





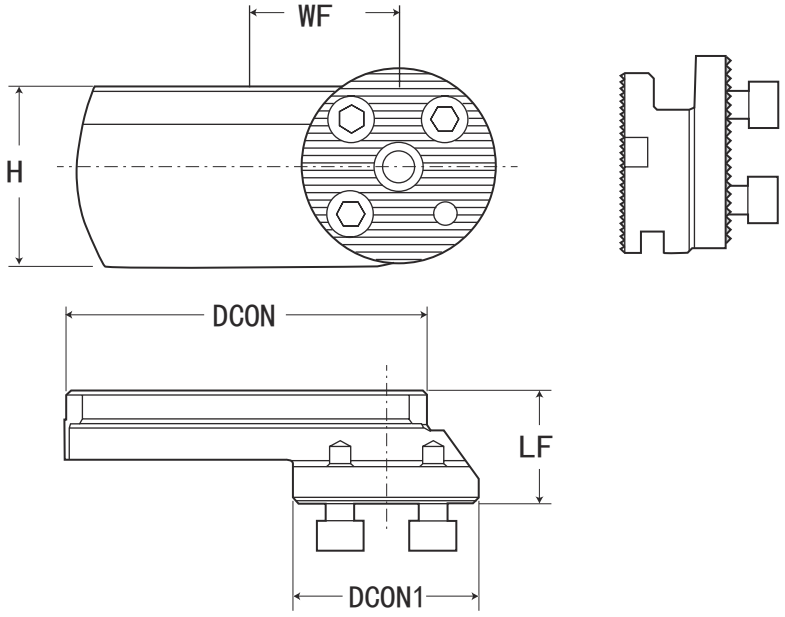


型号 Model	D	D1	d	L	L1	重量 KG
SD32-16-65	36	32	16	65	5	
SD32-20-65	36	32	20	65	5	
SD32-20-85	38	32	20	85	5	
SD40-16-75	44	40	16	75	5	
SD40-20-75	44	40	20	75	5	
SD40-20-105	46	40	20	105	5	
SD40-25-75	44	40	25	75	5	
SD40-25-105	46	40	25	105	5	
SD40-32-128	50	40	32	128	5	
SD50-20-125	56	50	20	125	5	
SD50-25-125	56	50	25	125	5	
SD50-32-128	60	50	32	128	5	
SD50-40-160	60	50	40	160	5	
SD60-32-128	70	60	32	128	5	
SD60-40-160	70	60	40	160	5	
SD60-50-200	70	60	50	200	5	

阻尼减振刀具 Damping Tools

转换刀座 CONVERSION TOOL HOLDER

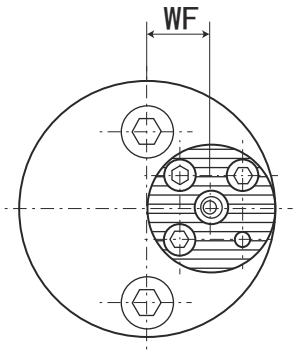


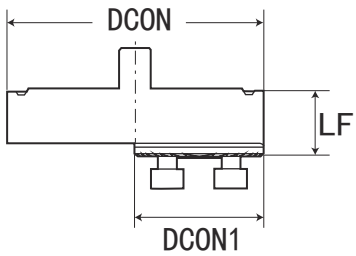


型号 Model	长度 LF	安装面直径 DCON	安装面直径 DCON1	H	中心距 WF	重量 KG
SD80-23-40R/L	23	80	40	37.5	70	0.3

转换刀座 CONVERSION TOOL HOLDER





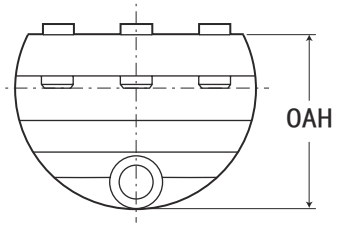


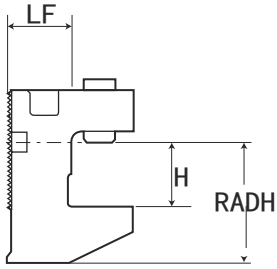
型号 Model	长度 LF	安装面直径 DCON	安装面直径 DCON1	H	中心距 WF	重量 KG
SD80-20-20-40R	20	80	40	37.5	20	0.8
SD80-20-30-40R	20	80	40	37.5	30	1.1

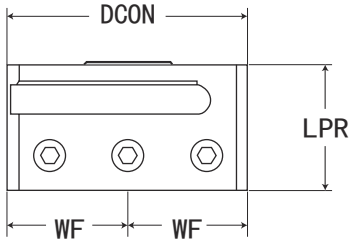
阻尼减振刀具 Damping Tools

转换刀座 CONVERSION TOOL HOLDER









型号 Model	安装面直径 DCON	H	LPR	LF	WF	HF	OAW	OAH	重量 KG
SD80-20*20	80	37.5	40	20	38.5	20	77	56	0.7

HSK63A-FMHC 阻尼减振铣刀杆 HSK63A-FMHC DAMPING MILLING TOOL HOLDER



Fig. 1

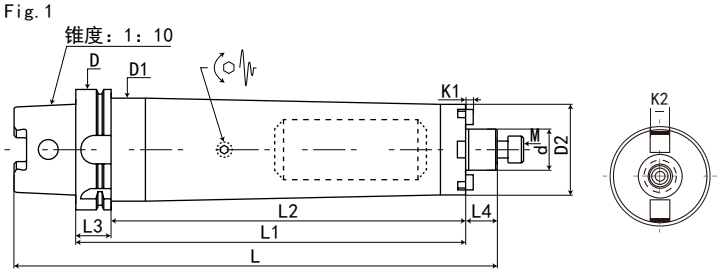
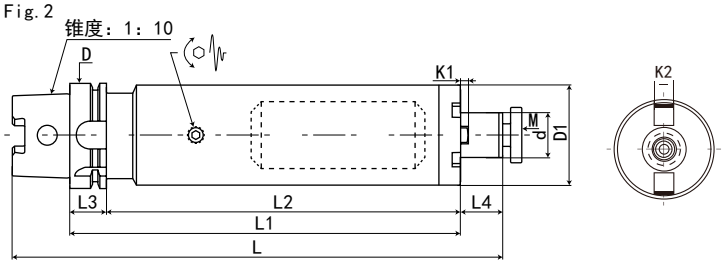




Fig. 2



规格 Model	L	L1	L2	L3	L4	D	D1	D2	d	K1	K2	M	Fig	重量 KG
HSK63A-FMHC16-150-D37	199	150	124	26	17	63	40	37	16	3.2	8	M8*1.25P	1	
HSK63A-FMHC16-200-D37	249	200	174	26	17	63	40	37	16	3.2	8	M8*1.25P	1	
HSK63A-FMHC16-250-D37	299	250	224	26	17	63	40	37	16	3.2	8	M8*1.25P	1	
HSK63A-FMHC16-300-D37	349	300	274	26	17	63	40	37	16	3.2	8	M8*1.25P	1	
HSK63A-FMHC16-350-D37	399	350	324	26	17	63	40	37	16	3.2	8	M8*1.25P	1	
HSK63A-FMHC22-150-D47	200	150	124	26	17	63	50	47	22	4.8	10	M10*1.25P	1	
HSK63A-FMHC22-200-D47	250	200	174	26	17	63	50	47	22	4.8	10	M10*1.25P	1	
HSK63A-FMHC22-250-D47	300	250	224	26	18	63	50	47	22	4.8	10	M10*1.25P	1	
HSK63A-FMHC22-300-D47	350	300	274	26	18	63	50	47	22	4.8	10	M10*1.25P	1	
HSK63A-FMHC22-350-D47	400	350	324	26	18	63	50	47	22	4.8	10	M10*1.25P	1	
HSK63A-FMHC22-400-D47	450	400	374	26	18	63	50	47	22	4.8	10	M10*1.25P	1	
HSK63A-FMHC22-450-D47	500	450	424	26	18	63	50	47	22	4.8	10	M10*1.25P	1	
HSK63A-FMHC22-500-D47	550	500	474	26	18	63	50	47	22	4.8	10	M10*1.25P	1	
HSK63A-FMHC27-200-D60	252	200	174	26	20	63	-	60	27	5.8	12	M12*1.75P	2	
HSK63A-FMHC27-250-D60	302	250	224	26	20	63	-	60	27	5.8	12	M12*1.75P	2	
HSK63A-FMHC27-300-D60	352	300	274	26	20	63	-	60	27	5.8	12	M12*1.75P	2	
HSK63A-FMHC27-350-D60	402	350	324	26	20	63	-	60	27	5.8	12	M12*1.75P	2	
HSK63A-FMHC27-400-D60	452	400	374	26	20	63	-	60	27	5.8	12	M12*1.75P	2	
HSK63A-FMHC27-450-D60	502	450	424	26	20	63	-	60	27	5.8	12	M12*1.75P	2	
HSK63A-FMHC27-500-D60	552	500	474	26	20	63	-	60	27	5.8	12	M12*1.75P	2	

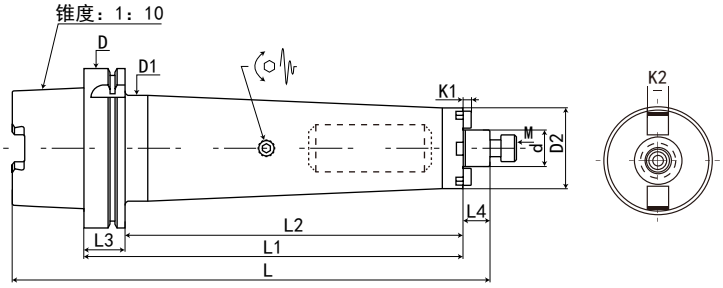
HSK63A - FMHC - 16 - 150 - D37

- D37 → 刀杆直径 Diameter
- 150 → L1长度 Length (L1)
- 16 → 接口直径 Bore diameter of cutter
- FMHC → 功能代号 Holder type
- HSK63A → 锥柄形式 Taper size

阻尼减振刀具 Damping Tools

HSK100A-FMHC 阻尼减振铣刀杆 HSK100A-FMHC DAMPING MILLING TOOL HOLDER





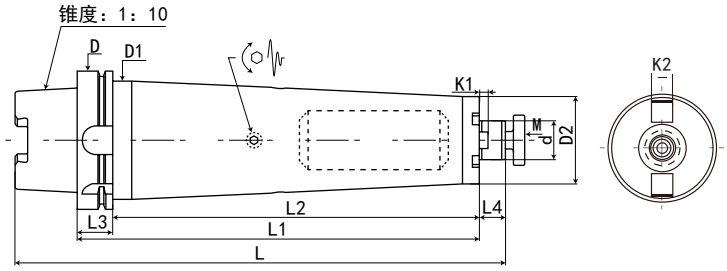
规格 Model	L	L1	L2	L3	L4	D	D1	D2	d	K1	K2	M	重量 KG
HSK100A-FMHC16-200-D37	267	200	171	29	17	100	40	37	16	3.2	8	M8*1.25P	
HSK100A-FMHC16-250-D37	317	250	221	29	17	100	40	37	16	3.2	8	M8*1.25P	
HSK100A-FMHC16-300-D37	367	300	271	29	17	100	40	37	16	3.2	8	M8*1.25P	
HSK100A-FMHC16-350-D37	417	350	321	29	17	100	40	37	16	3.2	8	M8*1.25P	
HSK100A-FMHC22-200-D47	268	200	171	29	18	100	50	47	22	4.8	10	M10*1.25P	
HSK100A-FMHC22-250-D47	318	250	221	29	18	100	50	47	22	4.8	10	M10*1.25P	
HSK100A-FMHC22-300-D47	368	300	271	29	18	100	50	47	22	4.8	10	M10*1.25P	
HSK100A-FMHC22-350-D47	418	350	321	29	18	100	50	47	22	4.8	10	M10*1.25P	
HSK100A-FMHC22-400-D47	468	400	371	29	18	100	50	47	22	4.8	10	M10*1.25P	
HSK100A-FMHC22-450-D47	518	450	421	29	18	100	50	47	22	4.8	10	M10*1.25P	
HSK100A-FMHC22-500-D47	568	500	471	29	18	100	50	47	22	4.8	10	M10*1.25P	
HSK100A-FMHC22-550-D47	618	550	521	29	18	100	50	47	22	4.8	10	M10*1.25P	
HSK100A-FMHC22-600-D47	668	600	571	29	18	100	50	47	22	4.8	10	M10*1.25P	
HSK100A-FMHC22-650-D47	718	650	621	29	18	100	50	47	22	4.8	10	M10*1.25P	
HSK100A-FMHC22-700-D47	768	700	671	29	18	100	50	47	22	4.8	10	M10*1.25P	
HSK100A-FMHC22-250-D58	318	250	221	29	18	100	62	58	22	4.8	10	M10*1.25P	
HSK100A-FMHC22-300-D58	368	300	271	29	18	100	62	58	22	4.8	10	M10*1.25P	
HSK100A-FMHC22-350-D58	418	350	321	29	18	100	62	58	22	4.8	10	M10*1.25P	
HSK100A-FMHC22-400-D58	468	400	371	29	18	100	62	58	22	4.8	10	M10*1.25P	
HSK100A-FMHC22-450-D58	518	450	421	29	18	100	62	58	22	4.8	10	M10*1.25P	
HSK100A-FMHC22-500-D58	568	500	471	29	18	100	62	58	22	4.8	10	M10*1.25P	
HSK100A-FMHC22-550-D58	618	550	521	29	18	100	62	58	22	4.8	10	M10*1.25P	
HSK100A-FMHC22-600-D58	668	600	571	29	18	100	62	58	22	4.8	10	M10*1.25P	
HSK100A-FMHC22-650-D58	718	650	621	29	18	100	62	58	22	4.8	10	M10*1.25P	
HSK100A-FMHC22-700-D58	768	700	671	29	18	100	62	58	22	4.8	10	M10*1.25P	

HSK100A - FMHC - 16 - 150 - D37

- D37 → 刀杆直径 Diameter
- 150 → L1长度 Length（L1）
- 16 → 接口直径 Bore diameter of cutter
- FMHC → 功能代号 Holder type
- HSK100A → 锥柄形式 Taper size

HSK100A-FMHC 阻尼减振铣刀杆 HSK100A-FMHC DAMPING MILLING TOOL HOLDER





规格 Model	L	L1	L2	L3	L4	D	D1	D2	d	K1	K2	M	重量 KG
HSK100A-FMHC27-250-D60	320	250	221	29	20	100	78	60	27	5.8	12	M12*1.75P	
HSK100A-FMHC27-300-D60	370	300	271	29	20	100	78	60	27	5.8	12	M12*1.75P	
HSK100A-FMHC27-350-D60	420	350	321	29	20	100	78	60	27	5.8	12	M12*1.75P	
HSK100A-FMHC27-400-D60	470	400	371	29	20	100	78	60	27	5.8	12	M12*1.75P	
HSK100A-FMHC27-450-D60	520	450	421	29	20	100	78	60	27	5.8	12	M12*1.75P	
HSK100A-FMHC27-500-D60	570	500	471	29	20	100	78	60	27	5.8	12	M12*1.75P	
HSK100A-FMHC27-550-D60	620	550	521	29	20	100	78	60	27	5.8	12	M12*1.75P	
HSK100A-FMHC27-600-D60	670	600	571	29	20	100	78	60	27	5.8	12	M12*1.75P	
HSK100A-FMHC27-650-D60	720	650	621	29	20	100	78	60	27	5.8	12	M12*1.75P	
HSK100A-FMHC27-700-D60	770	700	671	29	20	100	78	60	27	5.8	12	M12*1.75P	
HSK100A-FMHC27-250-D74	320	250	221	29	20	100	78	74	27	5.8	12	M12*1.75P	
HSK100A-FMHC27-300-D74	370	300	271	29	20	100	78	74	27	5.8	12	M12*1.75P	
HSK100A-FMHC27-350-D74	420	350	321	29	20	100	78	74	27	5.8	12	M12*1.75P	
HSK100A-FMHC27-400-D74	470	400	371	29	20	100	78	74	27	5.8	12	M12*1.75P	
HSK100A-FMHC27-450-D74	520	450	421	29	20	100	78	74	27	5.8	12	M12*1.75P	
HSK100A-FMHC27-500-D74	570	500	471	29	20	100	78	74	27	5.8	12	M12*1.75P	
HSK100A-FMHC27-550-D74	620	550	521	29	20	100	78	74	27	5.8	12	M12*1.75P	
HSK100A-FMHC27-600-D74	670	600	571	29	20	100	78	74	27	5.8	12	M12*1.75P	
HSK100A-FMHC27-650-D74	720	650	621	29	20	100	78	74	27	5.8	12	M12*1.75P	
HSK100A-FMHC27-700-D74	770	700	671	29	20	100	78	74	27	5.8	12	M12*1.75P	
HSK100A-FMHC32-250-D80	322	250	221	29	22	100	95	80	32	6.8	14	M16*2.0P	
HSK100A-FMHC32-300-D80	372	300	271	29	22	100	95	80	32	6.8	14	M16*2.0P	
HSK100A-FMHC32-350-D80	422	350	321	29	22	100	95	80	32	6.8	14	M16*2.0P	
HSK100A-FMHC32-400-D80	472	400	371	29	22	100	95	80	32	6.8	14	M16*2.0P	
HSK100A-FMHC32-450-D80	522	450	421	29	22	100	95	80	32	6.8	14	M16*2.0P	
HSK100A-FMHC32-500-D80	572	500	471	29	22	100	95	80	32	6.8	14	M16*2.0P	
HSK100A-FMHC32-550-D80	622	550	521	29	22	100	95	80	32	6.8	14	M16*2.0P	
HSK100A-FMHC32-600-D80	672	600	571	29	22	100	95	80	32	6.8	14	M16*2.0P	
HSK100A-FMHC40-300-D90	375	300	271	29	25	100	98	90	40	8.3	16	M16*2.0P	
HSK100A-FMHC40-350-D90	425	350	321	29	25	100	98	90	40	8.3	16	M16*2.0P	
HSK100A-FMHC40-400-D90	475	400	371	29	25	100	98	90	40	8.3	16	M16*2.0P	
HSK100A-FMHC40-450-D90	525	450	421	29	25	100	98	90	40	8.3	16	M16*2.0P	
HSK100A-FMHC40-500-D90	575	500	471	29	25	100	98	90	40	8.3	16	M16*2.0P	
HSK100A-FMHC40-550-D90	625	550	521	29	25	100	98	90	40	8.3	16	M16*2.0P	
HSK100A-FMHC40-600-D90	675	600	571	29	25	100	98	90	40	8.3	16	M16*2.0P	

HSK100A - FMHC - 27 - 250 - D60

- D60 → 刀杆直径 Diameter
- 250 → L1长度 Length（L1）
- 27 → 接口直径 Bore diameter of cutter
- FMHC → 功能代号 Holder type
- HSK100A → 锥柄形式 Taper size

阻尼减振刀具 Damping Tools

HSK63A-CKC 阻尼减振镗刀 HSK63A-CKC DAMPING BORING TOOL



FIG. 1

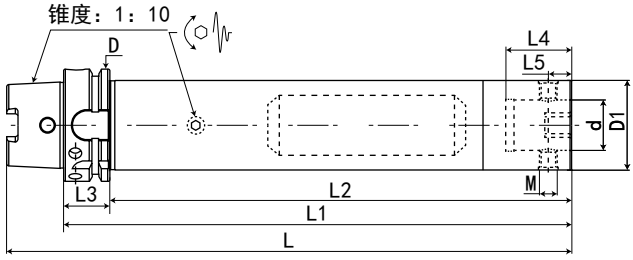
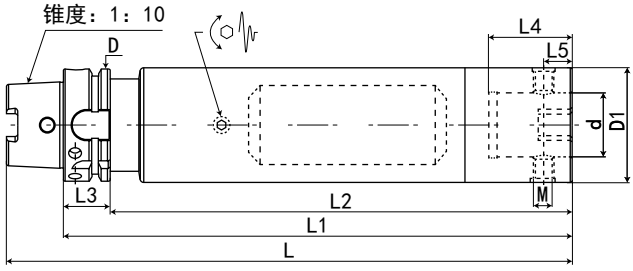




FIG. 2



规格 Model	L	L1	L2	L3	L4	L5	D	D1	d	M	FIG	重量 KG
HSK63A-CKC2-150 -D25	182	150	124	26	31	6.62	63	25	14	M5*0.5P	1	
HSK63A-CKC2-175 -D25	207	175	149	26	31	6.62	63	25	14	M5*0.5P	1	
HSK63A-CKC2-200 -D25	232	200	174	26	31	6.62	63	25	14	M5*0.5P	1	
HSK63A-CKC3-200 -D32	232	200	174	26	35	8	63	32	18	M6*0.75P	1	
HSK63A-CKC3-230 -D32	262	230	204	26	35	8	63	32	18	M6*0.75P	1	
HSK63A-CKC3-260 -D32	292	260	234	26	35	8	63	32	18	M6*0.75P	1	
HSK63A-CKC3-300 -D32	332	300	274	26	35	8	63	32	18	M6*0.75P	1	
HSK63A-CKC4-235 -D40	267	235	209	26	39	10	63	40	22	M8*0.75P	1	
HSK63A-CKC4-275 -D40	307	275	249	26	39	10	63	40	22	M8*0.75P	1	
HSK63A-CKC4-315 -D40	347	315	289	26	39	10	63	40	22	M8*0.75P	1	
HSK63A-CKC4-350 -D40	382	350	324	26	39	10	63	40	22	M8*0.75P	1	
HSK63A-CKC5-315 -D50	347	315	289	26	45	13	63	50	28	M10*1.0P	1	
HSK63A-CKC5-350 -D50	382	350	324	26	45	13	63	50	28	M10*1.0P	1	
HSK63A-CKC5-400 -D50	432	400	374	26	45	13	63	50	28	M10*1.0P	1	
HSK63A-CKC5-450 -D50	482	450	424	26	45	13	63	50	28	M10*1.0P	1	
HSK63A-CKC5-500 -D50	532	500	474	26	45	13	63	50	28	M10*1.0P	1	
HSK63A-CKC6-295 -D63	327	295	269	26	55	16	63	63	36	M12*1.0P	2	
HSK63A-CKC6-350 -D63	382	350	324	26	55	16	63	63	36	M12*1.0P	2	
HSK63A-CKC6-400 -D63	432	400	374	26	55	16	63	63	36	M12*1.0P	2	
HSK63A-CKC6-450 -D63	482	450	424	26	55	16	63	63	36	M12*1.0P	2	
HSK63A-CKC6-500 -D63	532	500	474	26	55	16	63	63	36	M12*1.0P	2	

HSK63A - CKC - 2 - 150 - D25

- D25 → 刀杆直径 Diameter
- 150 → L1长度 Length（L1）
- 2 → 接口锥度 Model number of connection
- CKC → 功能代号 Holder type
- HSK63A → 锥柄形式 Taper size

HSK100A-CKC 阻尼减振镗刀 HSK100A-CKC DAMPING BORING TOOL



FIG. 1

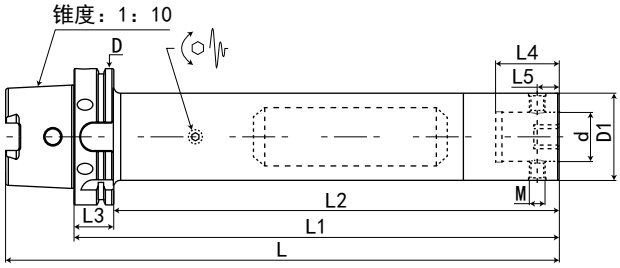
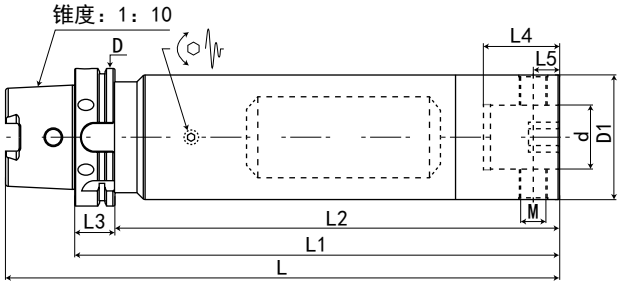




FIG. 2



规格 Model	L	L1	L2	L3	L4	L5	D	D1	d	M	FIG	重量 KG
HSK100A-CKC2-160-D25	210	160	131	29	31	6.62	100	25	14	M5*0.5P	1	
HSK100A-CKC2-185-D25	235	185	156	29	31	6.62	100	25	14	M5*0.5P	1	
HSK100A-CKC2-210-D25	260	210	181	29	31	6.62	100	25	14	M5*0.5P	1	
HSK100A-CKC2-250-D25	300	250	221	29	31	6.62	100	25	14	M5*0.5P	1	
HSK100A-CKC2-300-D25	350	300	271	29	31	6.62	100	25	14	M5*0.5P	1	
HSK100A-CKC3-220-D32	270	220	191	29	35	8	100	32	18	M6*0.75P	1	
HSK100A-CKC3-250-D32	300	250	221	29	35	8	100	32	18	M6*0.75P	1	
HSK100A-CKC3-280-D32	330	280	251	29	35	8	100	32	18	M6*0.75P	1	
HSK100A-CKC3-300-D32	350	300	271	29	35	8	100	32	18	M6*0.75P	1	
HSK100A-CKC3-350-D32	400	350	321	29	35	8	100	32	18	M6*0.75P	1	
HSK100A-CKC4-260-D40	310	260	231	29	39	10	100	40	22	M8*0.75P	1	
HSK100A-CKC4-300-D40	350	300	271	29	39	10	100	40	22	M8*0.75P	1	
HSK100A-CKC4-340-D40	390	340	311	29	39	10	100	40	22	M8*0.75P	1	
HSK100A-CKC4-400-D40	450	400	371	29	39	10	100	40	22	M8*0.75P	1	
HSK100A-CKC5-310-D50	360	310	281	29	45	13	100	50	28	M10*1.0P	1	
HSK100A-CKC5-355-D50	405	355	326	29	45	13	100	50	28	M10*1.0P	1	
HSK100A-CKC5-400-D50	450	400	371	29	45	13	100	50	28	M10*1.0P	1	
HSK100A-CKC5-450-D50	500	450	421	29	45	13	100	50	28	M10*1.0P	1	
HSK100A-CKC5-500-D50	550	500	471	29	45	13	100	50	28	M10*1.0P	1	
HSK100A-CKC5-600-D50	650	600	571	29	45	13	100	50	28	M10*1.0P	1	
HSK100A-CKC5-700-D50	750	700	671	29	45	13	100	50	28	M10*1.0P	1	
HSK100A-CKC6-375-D63	425	375	346	29	55	16	100	63	36	M12*1.0P	1	
HSK100A-CKC6-440-D63	490	440	411	29	55	16	100	63	36	M12*1.0P	1	
HSK100A-CKC6-500-D63	550	500	471	29	55	16	100	63	36	M12*1.0P	1	
HSK100A-CKC6-600-D63	650	600	571	29	55	16	100	63	36	M12*1.0P	1	
HSK100A-CKC6-700-D63	750	700	671	29	55	16	100	63	36	M12*1.0P	1	
HSK100A-CKC7-450-D100	500	450	421	29	60	19.1	100	90	46	M20*1.5P	2	
HSK100A-CKC7-500-D100	550	500	471	29	60	19.1	100	90	46	M20*1.5P	2	
HSK100A-CKC7-600-D100	650	600	571	29	60	19.1	100	90	46	M20*1.5P	2	
HSK100A-CKC7-700-D100	750	700	671	29	60	19.1	100	90	46	M20*1.5P	2	

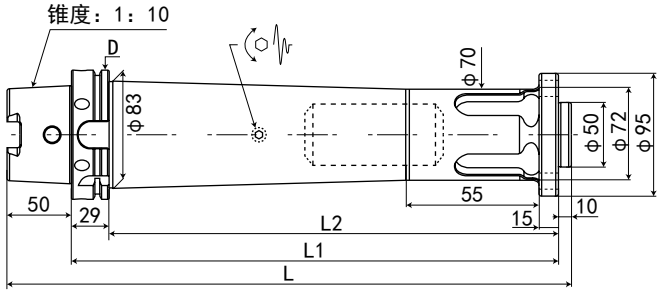
HSK100A - CKC - 2 - 160 - D25

- D25 → 刀杆直径 Diameter
- 160 → L1 长度 Length (L1)
- 2 → 接口锥度 Bore diameter of cutter
- CKC → 功能代号 Holder type
- HSK100A → 锥柄形式 Taper size

阻尼减振刀具 Damping Tools

HSK100A-BSTC 阻尼减振镗刀 HSK100A-BTSC DAMPING BORING TOOL





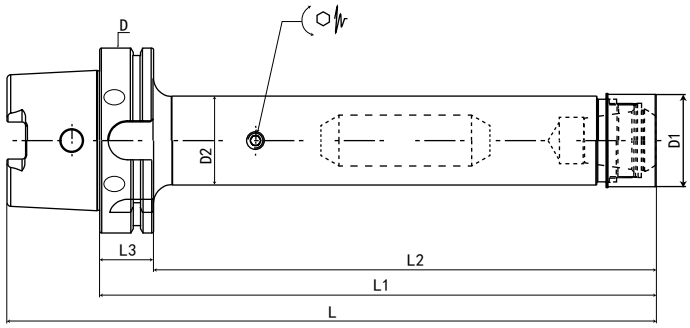
规格 Model	L	L1	L2	D	重量 KG
HSK100A-BSTC-400	460	400	371	100	
HSK100A-BSTC-450	510	450	421	100	
HSK100A-BSTC-500	560	500	471	100	
HSK100A-BSTC-600	660	600	571	100	
HSK100A-BSTC-700	760	700	671	100	

HSK100A - BSTC - 400

- 400 → L1 长度 Length（L1）
- BSTC → 功 能 代 号 Holder type
- HSK100A → 锥 柄 形 式 Taper size

HSK63A-SNER 阻尼减振刀杆 HSK63A-SNER DAMPING BORING TOOL





规格 Model	L	L1	L2	L3	D	D1	D2	夹持范围 Range	重量 KG
HSK63A-SNER25-180-D38	202	180	154	26	63	38	40	1-16 mm	
HSK63A-SNER25-230-D38	252	230	204	26	63	38	40	1-16 mm	
HSK63A-SNER25-280-D38	302	280	254	26	63	38	40	1-16 mm	
HSK63A-SNER25-330-D38	352	330	304	26	63	38	40	1-16 mm	
HSK63A-SNER25-380-D38	402	380	354	26	63	38	40	1-16 mm	
HSK63A-SNER25-430-D38	452	430	404	26	63	38	40	1-16 mm	
HSK63A-SNER25-500-D38	522	500	474	26	63	38	40	1-16 mm	
HSK63A-SNER32-180-D48	202	180	154	26	63	48	50	2-20 mm	
HSK63A-SNER32-230-D48	252	230	204	26	63	48	50	2-20 mm	
HSK63A-SNER32-280-D48	302	280	254	26	63	48	50	2-20 mm	
HSK63A-SNER32-330-D48	352	330	304	26	63	48	50	2-20 mm	
HSK63A-SNER32-380-D48	402	380	354	26	63	48	50	2-20 mm	
HSK63A-SNER32-430-D48	452	430	404	26	63	48	50	2-20 mm	
HSK63A-SNER32-500-D48	522	500	474	26	63	48	50	2-20 mm	

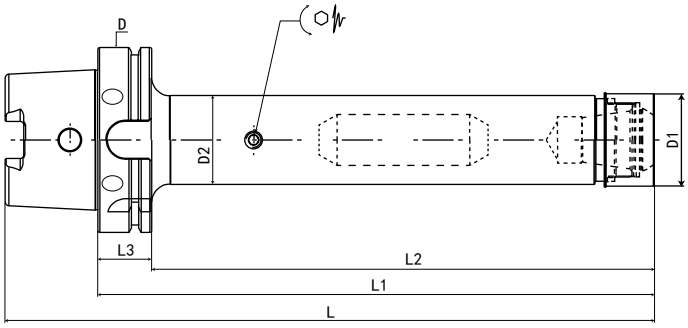
HSK63A - SNER - 25 - 180 - D38

- D38 → 刀杆直径 Diameter
- 180 → L1 长度 Length（L1）
- 25 → 筒夹型号 Collect Model
- SNER → 筒夹种类 Collect type ER
- HSK63A → 锥柄形式 Taper size

阻尼减振刀具 Damping Tools

HSK100A-SNER 阻尼减振刀杆 HSK100A-SNER DAMPING BORING TOOL





规格 Model	L	L1	L2	L3	D	D1	D2	夹持范围 Range	重量 KG
HSK100A-SNER25-230-D38	270	230	201	29	100	38	40	1-16 mm	
HSK100A-SNER25-280-D38	320	280	251	29	100	38	40	1-16 mm	
HSK100A-SNER25-330-D38	370	330	301	29	100	38	40	1-16 mm	
HSK100A-SNER25-380-D38	420	380	351	29	100	38	40	1-16 mm	
HSK100A-SNER25-430-D38	470	430	401	29	100	38	40	1-16 mm	
HSK100A-SNER25-480-D38	520	480	451	29	100	38	40	1-16 mm	
HSK100A-SNER25-530-D38	570	530	501	29	100	38	40	1-16 mm	
HSK100A-SNER25-600-D38	640	600	571	29	100	38	40	1-16 mm	
HSK100A-SNER32-230-D48	270	230	201	29	100	48	50	2-20 mm	
HSK100A-SNER32-280-D48	320	280	251	29	100	48	50	2-20 mm	
HSK100A-SNER32-330-D48	370	330	301	29	100	48	50	2-20 mm	
HSK100A-SNER32-380-D48	420	380	351	29	100	48	50	2-20 mm	
HSK100A-SNER32-430-D48	470	430	401	29	100	48	50	2-20 mm	
HSK100A-SNER32-480-D48	520	480	451	29	100	48	50	2-20 mm	
HSK100A-SNER32-530-D48	570	530	501	29	100	48	50	2-20 mm	
HSK100A-SNER32-580-D48	620	580	551	29	100	48	50	2-20 mm	
HSK100A-SNER32-630-D48	670	630	601	29	100	48	50	2-20 mm	
HSK100A-SNER32-700-D48	740	700	671	29	100	48	50	2-20 mm	
HSK100A-SNER40-230-D58	270	230	201	29	100	58	63	2-26 mm	
HSK100A-SNER40-280-D58	320	280	251	29	100	58	63	2-26 mm	
HSK100A-SNER40-330-D58	370	330	301	29	100	58	63	2-26 mm	
HSK100A-SNER40-380-D58	420	380	351	29	100	58	63	2-26 mm	
HSK100A-SNER40-430-D58	470	430	401	29	100	58	63	2-26 mm	
HSK100A-SNER40-480-D58	520	480	451	29	100	58	63	2-26 mm	
HSK100A-SNER40-530-D58	570	530	501	29	100	58	63	2-26 mm	
HSK100A-SNER40-580-D58	620	580	551	29	100	58	63	2-26 mm	
HSK100A-SNER40-630-D58	670	630	601	29	100	58	63	2-26 mm	
HSK100A-SNER40-700-D58	740	700	671	29	100	58	63	2-26 mm	

HSK100A - SNER - 25 - 230 - D38

- D38 → 刀杆直径 Diameter
- 230 → L1 长度 Length (L1)
- 25 → 筒夹型号 Collect Model
- SNER → 筒夹种类 Collect type ER
- HSK100A → 锥柄形式 Taper size

SBT40-FMHC 阻尼减振铣刀杆 SBT40-FMHC DAMPING MILLING TOOL HOLDER





Fig. 1

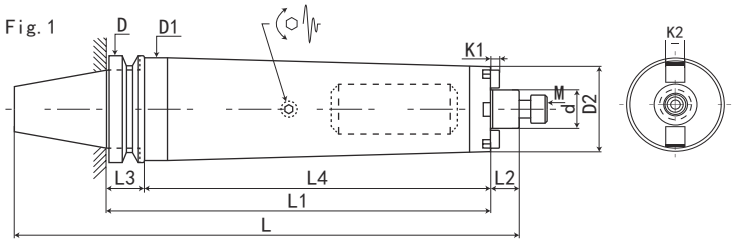
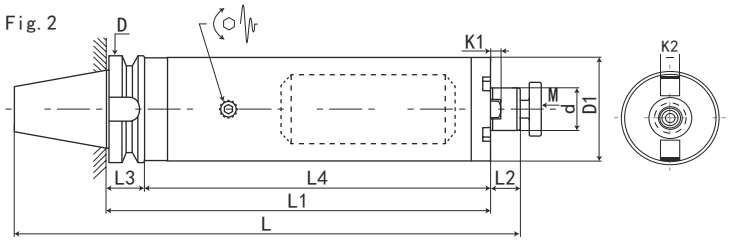


Fig. 2



规格 Model	L	L1	L2	L3	L4	D	D1	D2	d	K1	K2	M	Fig	重量 KG
SBT40-FMHC16-150-D37	232.4	150	17	26	124	63	40	37	16	3.2	8	M8*1.25P	1	
SBT40-FMHC16-200-D37	282.4	200	17	26	174	63	40	37	16	3.2	8	M8*1.25P	1	
SBT40-FMHC16-250-D37	332.4	250	17	26	224	63	40	37	16	3.2	8	M8*1.25P	1	
SBT40-FMHC16-300-D37	382.4	300	17	26	274	63	40	37	16	3.2	8	M8*1.25P	1	
SBT40-FMHC16-350-D37	432.4	350	17	26	324	63	40	37	16	3.2	8	M8*1.25P	1	
SBT40-FMHC22-150-D47	233.4	150	18	26	124	63	50	47	22	4.8	10	M10*1.25P	1	
SBT40-FMHC22-200-D47	283.4	200	18	26	174	63	50	47	22	4.8	10	M10*1.25P	1	
SBT40-FMHC22-250-D47	333.4	250	18	26	224	63	50	47	22	4.8	10	M10*1.25P	1	
SBT40-FMHC22-300-D47	383.4	300	18	26	274	63	50	47	22	4.8	10	M10*1.25P	1	
SBT40-FMHC22-350-D47	433.4	350	18	26	324	63	50	47	22	4.8	10	M10*1.25P	1	
SBT40-FMHC22-400-D47	483.4	400	18	26	374	63	50	47	22	4.8	10	M10*1.25P	1	
SBT40-FMHC22-450-D47	533.4	450	18	26	424	63	50	47	22	4.8	10	M10*1.25P	1	
SBT40-FMHC22-500-D47	583.4	500	18	26	474	63	50	47	22	4.8	10	M10*1.25P	1	
SBT40-FMHC27-200-D60	283.4	200	20	26	174	63	-	60	27	5.8	12	M12*1.75P	2	
SBT40-FMHC27-250-D60	333.4	250	20	26	224	63	-	60	27	5.8	12	M12*1.75P	2	
SBT40-FMHC27-300-D60	383.4	300	20	26	274	63	-	60	27	5.8	12	M12*1.75P	2	
SBT40-FMHC27-350-D60	433.4	350	20	26	324	63	-	60	27	5.8	12	M12*1.75P	2	
SBT40-FMHC27-400-D60	483.4	400	20	26	374	63	-	60	27	5.8	12	M12*1.75P	2	
SBT40-FMHC27-450-D60	533.4	450	20	26	424	63	-	60	27	5.8	12	M12*1.75P	2	
SBT40-FMHC27-500-D60	583.4	500	20	26	474	63	-	60	27	5.8	12	M12*1.75P	2	

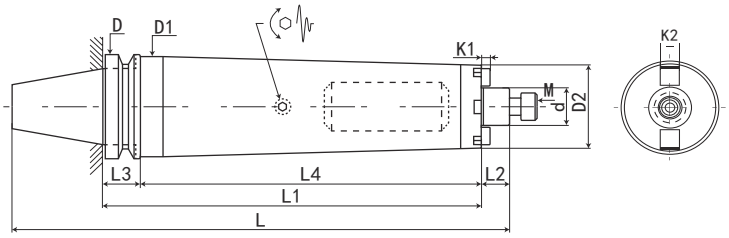
SBT40 - FMHC - 16 - 150 - D37

- D37 → 刀杆直径 Diameter
- 150 → L1长度 Length（L1）
- 16 → 接口直径 Bore diameter of cutter
- FMHC → 功能代号 Holder type
- SBT40 → 锥柄形式 Taper size

阻尼减振刀具 Damping Tools

SBT50-FMHC 阻尼减振铣刀杆 SBT50-FMHC DAMPING MILLING TOOL HOLDER





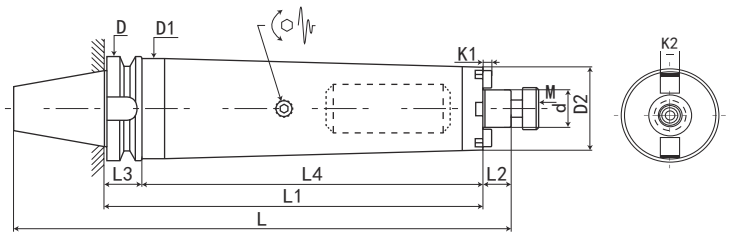
规格 Model	L	L1	L2	L3	L4	D	D1	D2	d	K1	K2	M	重量 KG
SBT50-FMHC16-200-D37	318.8	200	17	36.5	163.5	100	40	37	16	3.2	8	M8*1.25P	
SBT50-FMHC16-250-D37	368.8	250	17	36.5	213.5	100	40	37	16	3.2	8	M8*1.25P	
SBT50-FMHC16-300-D37	418.8	300	17	36.5	263.5	100	40	37	16	3.2	8	M8*1.25P	
SBT50-FMHC16-350-D37	468.8	350	17	36.5	313.5	100	40	37	16	3.2	8	M8*1.25P	
SBT50-FMHC22-200-D47	319.8	400	18	36.5	363.5	100	50	47	22	4.8	10	M10*1.25P	
SBT50-FMHC22-250-D47	369.8	450	18	36.5	413.5	100	50	47	22	4.8	10	M10*1.25P	
SBT50-FMHC22-300-D47	419.8	500	18	36.5	463.5	100	50	47	22	4.8	10	M10*1.25P	
SBT50-FMHC22-350-D47	469.8	350	18	36.5	313.5	100	50	47	22	4.8	10	M10*1.25P	
SBT50-FMHC22-400-D47	519.8	400	18	36.5	363.5	100	50	47	22	4.8	10	M10*1.25P	
SBT50-FMHC22-450-D47	569.8	450	18	36.5	413.5	100	50	47	22	4.8	10	M10*1.25P	
SBT50-FMHC22-500-D47	619.8	500	18	36.5	463.5	100	50	47	22	4.8	10	M10*1.25P	
SBT50-FMHC22-550-D47	669.8	550	18	36.5	513.5	100	50	47	22	4.8	10	M10*1.25P	
SBT50-FMHC22-600-D47	719.8	600	18	36.5	563.5	100	50	47	22	4.8	10	M10*1.25P	
SBT50-FMHC22-650-D47	769.8	650	18	36.5	613.5	100	50	47	22	4.8	10	M10*1.25P	
SBT50-FMHC22-700-D47	819.8	700	18	36.5	663.5	100	50	47	22	4.8	10	M10*1.25P	
SBT50-FMHC22-250-D58	369.8	250	18	36.5	213.5	100	62	58	22	4.8	10	M10*1.25P	
SBT50-FMHC22-300-D58	419.8	300	18	36.5	263.5	100	62	58	22	4.8	10	M10*1.25P	
SBT50-FMHC22-350-D58	469.8	350	18	36.5	313.5	100	62	58	22	4.8	10	M10*1.25P	
SBT50-FMHC22-400-D58	519.8	400	18	36.5	363.5	100	62	58	22	4.8	10	M10*1.25P	
SBT50-FMHC22-450-D58	569.8	450	18	36.5	413.5	100	62	58	22	4.8	10	M10*1.25P	
SBT50-FMHC22-500-D58	619.8	500	18	36.5	463.5	100	62	58	22	4.8	10	M10*1.25P	
SBT50-FMHC22-550-D58	669.8	550	18	36.5	513.5	100	62	58	22	4.8	10	M10*1.25P	
SBT50-FMHC22-600-D58	719.8	600	18	36.5	563.5	100	62	58	22	4.8	10	M10*1.25P	
SBT50-FMHC22-650-D58	769.8	650	18	36.5	613.5	100	62	58	22	4.8	10	M10*1.25P	
SBT50-FMHC22-700-D58	819.8	700	18	36.5	663.5	100	62	58	22	4.8	10	M10*1.25P	

SBT50 - FMHC - 16 - 200 - D37

- D37 → 刀杆直径 Diameter
- 200 → L1长度 Length（L1）
- 16 → 接口直径 Bore diameter of cutter
- FMHC → 功能代号 Holder type
- SBT50 → 锥柄形式 Taper size

SBT50-FMHC 阻尼减振铣刀杆 SBT50-FMHC DAMPING MILLING TOOL HOLDER

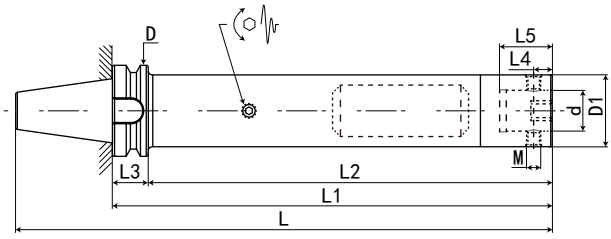




规格 Model	L	L1	L2	L3	L4	D	D1	D2	d	K1	K2	M	重 量 KG
SBT50-FMHC27-250-D58	371.8	250	20	36.5	213.5	100	62	58	27	5.8	12	M12*1.75P	
SBT50-FMHC27-300-D58	421.8	300	20	36.5	263.5	100	62	58	27	5.8	12	M12*1.75P	
SBT50-FMHC27-350-D58	471.8	350	20	36.5	313.5	100	62	58	27	5.8	12	M12*1.75P	
SBT50-FMHC27-400-D58	521.8	400	20	36.5	363.5	100	62	58	27	5.8	12	M12*1.75P	
SBT50-FMHC27-450-D58	571.8	450	20	36.5	413.5	100	62	58	27	5.8	12	M12*1.75P	
SBT50-FMHC27-500-D58	621.8	500	20	36.5	463.5	100	62	58	27	5.8	12	M12*1.75P	
SBT50-FMHC27-550-D58	671.8	550	20	36.5	513.5	100	62	58	27	5.8	12	M12*1.75P	
SBT50-FMHC27-600-D58	721.8	600	20	36.5	563.5	100	62	58	27	5.8	12	M12*1.75P	
SBT50-FMHC27-650-D58	771.8	650	20	36.5	613.5	100	62	58	27	5.8	12	M12*1.75P	
SBT50-FMHC27-700-D58	821.8	700	20	36.5	663.5	100	62	58	27	5.8	12	M12*1.75P	
SBT50-FMHC27-250-D74	371.8	250	20	36.5	213.5	100	78	74	27	5.8	12	M12*1.75P	
SBT50-FMHC27-300-D74	421.8	300	20	36.5	263.5	100	78	74	27	5.8	12	M12*1.75P	
SBT50-FMHC27-350-D74	471.8	350	20	36.5	313.5	100	78	74	27	5.8	12	M12*1.75P	
SBT50-FMHC27-400-D74	521.8	400	20	36.5	363.5	100	78	74	27	5.8	12	M12*1.75P	
SBT50-FMHC27-450-D74	571.8	450	20	36.5	413.5	100	78	74	27	5.8	12	M12*1.75P	
SBT50-FMHC27-500-D74	621.8	500	20	36.5	463.5	100	78	74	27	5.8	12	M12*1.75P	
SBT50-FMHC27-550-D74	671.8	550	20	36.5	513.5	100	78	74	27	5.8	12	M12*1.75P	
SBT50-FMHC27-600-D74	721.8	600	20	36.5	563.5	100	78	74	27	5.8	12	M12*1.75P	
SBT50-FMHC27-650-D74	771.8	650	20	36.5	613.5	100	78	74	27	5.8	12	M12*1.75P	
SBT50-FMHC27-700-D74	821.8	700	20	36.5	663.5	100	78	74	27	5.8	12	M12*1.75P	
SBT50-FMHC32-250-D80	373.8	250	22	36.5	213.5	100	95	80	32	6.8	14	M16*2.0P	
SBT50-FMHC32-300-D80	423.8	300	22	36.5	263.5	100	95	80	32	6.8	14	M16*2.0P	
SBT50-FMHC32-350-D80	473.8	350	22	36.5	313.5	100	95	80	32	6.8	14	M16*2.0P	
SBT50-FMHC32-400-D80	523.8	400	22	36.5	363.5	100	95	80	32	6.8	14	M16*2.0P	
SBT50-FMHC32-450-D80	573.8	450	22	36.5	413.5	100	95	80	32	6.8	14	M16*2.0P	
SBT50-FMHC32-500-D80	623.8	500	22	36.5	463.5	100	95	80	32	6.8	14	M16*2.0P	
SBT50-FMHC32-550-D80	673.8	550	22	36.5	513.5	100	95	80	32	6.8	14	M16*2.0P	
SBT50-FMHC32-600-D80	723.8	600	22	36.5	563.5	100	95	80	32	6.8	14	M16*2.0P	
SBT50-FMHC40-300-D90	426.8	300	25	36.5	263.5	100	98	90	40	8.3	16	M16*2.0P	
SBT50-FMHC40-350-D90	476.8	350	25	36.5	313.5	100	98	90	40	8.3	16	M16*2.0P	
SBT50-FMHC40-400-D90	526.8	400	25	36.5	363.5	100	98	90	40	8.3	16	M16*2.0P	
SBT50-FMHC40-450-D90	576.8	450	25	36.5	413.5	100	98	90	40	8.3	16	M16*2.0P	
SBT50-FMHC40-500-D90	626.8	500	25	36.5	463.5	100	98	90	40	8.3	16	M16*2.0P	
SBT50-FMHC40-550-D90	676.8	550	25	36.5	513.5	100	98	90	40	8.3	16	M16*2.0P	
SBT50-FMHC40-600-D90	726.8	600	25	36.5	563.5	100	98	90	40	8.3	16	M16*2.0P	

SBT40-CKC 阻尼减振镗刀 SBT40-CKC DAMPING BORING TOOL





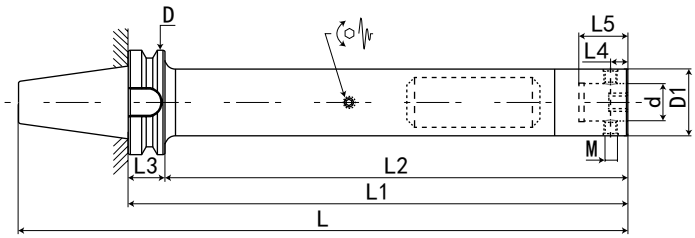
规格 Model	L	L1	L2	L3	L4	L5	D	D1	d	M	重量 KG
SBT40-CKC2-150-D25	215.4	150	124	26	6.62	31	63	25	14	M5*0.5P	
SBT40-CKC2-175-D25	240.4	175	149	26	6.62	31	63	25	14	M5*0.5P	
SBT40-CKC2-200-D25	265.4	200	174	26	6.62	31	63	25	14	M5*0.5P	
SBT40-CKC3-200-D32	265.4	200	174	26	8	35	63	32	18	M6*0.75P	
SBT40-CKC3-230-D32	295.4	230	204	26	8	35	63	32	18	M6*0.75P	
SBT40-CKC3-260-D32	325.4	260	234	26	8	35	63	32	18	M6*0.75P	
SBT40-CKC3-300-D32	365.4	300	274	26	8	35	63	32	18	M6*0.75P	
SBT40-CKC4-235-D40	300.4	235	209	26	10	39	63	40	22	M8*0.75P	
SBT40-CKC4-275-D40	340.4	275	249	26	10	39	63	40	22	M8*0.75P	
SBT40-CKC4-315-D40	380.4	315	289	26	10	39	63	40	22	M8*0.75P	
SBT40-CKC4-350-D40	415.4	350	324	26	10	39	63	40	22	M8*0.75P	
SBT40-CKC5-310-D50	375.4	310	284	26	13	45	63	50	28	M10*1.0P	
SBT40-CKC5-350-D50	415.4	350	324	26	13	45	63	50	28	M10*1.0P	
SBT40-CKC5-400-D50	465.4	400	374	26	13	45	63	50	28	M10*1.0P	
SBT40-CKC5-450-D50	515.4	450	424	26	13	45	63	50	28	M10*1.0P	
SBT40-CKC5-500-D50	565.4	500	474	26	13	45	63	50	28	M10*1.0P	
SBT40-CKC6-295-D63	360.4	295	269	26	16	55	63	63	36	M12*1.0P	
SBT40-CKC6-350-D63	415.4	350	324	26	16	55	63	63	36	M12*1.0P	
SBT40-CKC6-400-D63	465.4	400	374	26	16	55	63	63	36	M12*1.0P	
SBT40-CKC6-450-D63	515.4	450	424	26	16	55	63	63	36	M12*1.0P	
SBT40-CKC6-500-D63	565.4	500	474	26	16	55	63	63	36	M12*1.0P	

SBT40 - CKC - 2 - 150 - D25

- D25 → 刀杆直径 Diameter
- 150 → L1长度 Length（L1）
- 2 → 接口直径 Bore diameter of cutter
- CKC → 功能代号 Holder type
- SBT40 → 锥柄形式 Taper size

SBT50-CKC 阻尼减振镗刀 SBT50-CKC DAMPING BORING TOOL





规格 Model	L	L1	L2	L3	L4	L5	D	D1	d	M	重量 KG
SBT50-CKC2-160-D25	261.8	160	123.5	36.5	6.62	31	100	25	14	M5*0.5P	
SBT50-CKC2-185-D25	286.8	185	148.5	36.5	6.62	31	100	25	14	M5*0.5P	
SBT50-CKC2-210-D25	311.8	210	173.5	36.5	6.62	31	100	25	14	M5*0.5P	
SBT50-CKC2-250-D25	351.8	250	213.5	36.5	6.62	31	100	25	14	M5*0.5P	
SBT50-CKC2-300-D25	401.8	300	263.5	36.5	6.62	31	100	25	14	M5*0.5P	
SBT50-CKC3-220-D32	321.8	220	183.5	36.5	8	35	100	32	18	M6*0.75P	
SBT50-CKC3-250-D32	351.8	250	213.5	36.5	8	35	100	32	18	M6*0.75P	
SBT50-CKC3-280-D32	381.8	280	243.5	36.5	8	35	100	32	18	M6*0.75P	
SBT50-CKC3-300-D32	401.8	300	263.5	36.5	8	35	100	32	18	M6*0.75P	
SBT50-CKC3-350-D32	451.8	350	313.5	36.5	8	35	100	32	18	M6*0.75P	
SBT50-CKC4-260-D40	361.8	260	223.5	36.5	10	39	100	40	22	M8*0.75P	
SBT50-CKC4-300-D40	401.8	300	263.5	36.5	10	39	100	40	22	M8*0.75P	
SBT50-CKC4-340-D40	441.8	340	303.5	36.5	10	39	100	40	22	M8*0.75P	
SBT50-CKC4-400-D40	501.8	400	363.5	36.5	10	39	100	40	22	M8*0.75P	
SBT50-CKC5-310-D50	411.8	310	273.5	36.5	13	45	100	50	28	M10*1.0P	
SBT50-CKC5-355-D50	456.8	355	318.5	36.5	13	45	100	50	28	M10*1.0P	
SBT50-CKC5-400-D50	501.8	400	363.5	36.5	13	45	100	50	28	M10*1.0P	
SBT50-CKC5-450-D50	551.8	450	413.5	36.5	13	45	100	50	28	M10*1.0P	
SBT50-CKC5-500-D50	601.8	500	463.5	36.5	13	45	100	50	28	M10*1.0P	
SBT50-CKC5-600-D50	701.8	600	563.5	36.5	13	45	100	50	28	M10*1.0P	
SBT50-CKC5-700-D50	801.8	700	663.5	36.5	13	45	100	50	28	M10*1.0P	
SBT50-CKC6-375-D63	476.8	375	338.5	36.5	16	55	100	63	36	M12*1.0P	
SBT50-CKC6-440-D63	541.8	440	403.5	36.5	16	55	100	63	36	M12*1.0P	
SBT50-CKC6-500-D63	601.8	500	463.5	36.5	16	55	100	63	36	M12*1.0P	
SBT50-CKC6-600-D63	701.8	600	563.5	36.5	16	55	100	63	36	M12*1.0P	
SBT50-CKC6-700-D63	801.8	700	663.5	36.5	16	55	100	63	36	M12*1.0P	
SBT50-CKC7-450-D100	551.8	450	413.5	36.5	19.1	60	100	90	46	M20*1.50P	
SBT50-CKC7-500-D100	601.8	500	463.5	36.5	19.1	60	100	90	46	M20*1.50P	
SBT50-CKC7-600-D100	701.8	600	563.5	36.5	19.1	60	100	90	46	M20*1.50P	
SBT50-CKC7-700-D100	801.8	700	663.5	36.5	19.1	60	100	90	46	M20*1.50P	

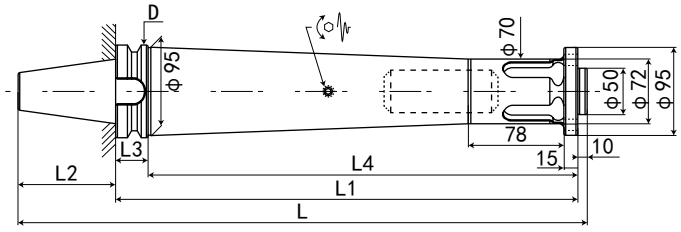
SBT50 - CKC - 2 - 160 - D25

- D25 → 刀杆直径 Diameter
- 160 → L1 长度 Length (L1)
- 2 → 接口直径 Bore diameter of cutter
- CKC → 功能代号 Holder type
- SBT50 → 锥柄形式 Taper size

阻尼减振刀具 Damping Tools

SBT50-BSTC 阻尼减振镗刀 SBT50-BTSC DAMPING BORING TOOL





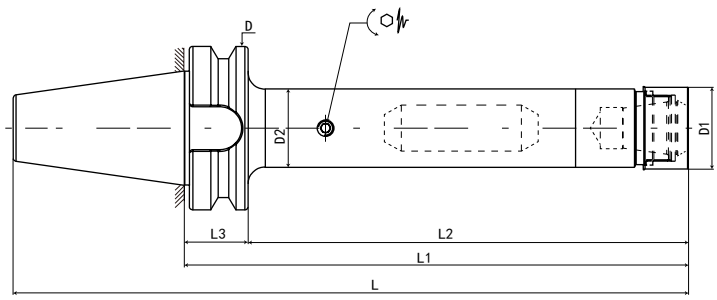
规格 Model	L	L1	L2	L3	L4	D	重量 KG
SBT50-BSTC-400	501.8	400	101.8	36.5	363.5	100	
SBT50-BSTC-450	551.8	450	101.8	36.5	413.5	100	
SBT50-BSTC-500	601.8	500	101.8	36.5	463.5	100	
SBT50-BSTC-600	701.8	600	101.8	36.5	563.5	100	
SBT50-BSTC-700	801.8	700	101.8	36.5	663.5	100	

SBT50 - BSTC - 400

- 400 → L1 长度 Length（L1）
- BSTC → 功 能 代 号 Holder type
- SBT50 → 锥 柄 形 式 Taper size

SBT40-SNER 阻尼减振刀杆 SBT40-SNER DAMPING BORING TOOL





规格 Model	L	L1	L2	L3	D	D1	D2	夹持范围 Range	重量 KG
SBT40-SNER25-180-D38	235.4	180	154	26	63	38	40	1-16 mm	
SBT40-SNER25-230-D38	285.4	230	204	26	63	38	40	1-16 mm	
SBT40-SNER25-280-D38	335.4	280	254	26	63	38	40	1-16 mm	
SBT40-SNER25-330-D38	385.4	330	304	26	63	38	40	1-16 mm	
SBT40-SNER25-380-D38	435.4	380	354	26	63	38	40	1-16 mm	
SBT40-SNER25-430-D38	485.4	430	404	26	63	38	40	1-16 mm	
SBT40-SNER25-500-D38	555.4	500	474	26	63	38	40	1-16 mm	
SBT40-SNER32-180-D48	235.4	180	154	26	63	48	50	2-20 mm	
SBT40-SNER32-230-D48	285.4	230	204	26	63	48	50	2-20 mm	
SBT40-SNER32-280-D48	335.4	280	254	26	63	48	50	2-20 mm	
SBT40-SNER32-330-D48	385.4	330	304	26	63	48	50	2-20 mm	
SBT40-SNER32-380-D48	435.4	380	354	26	63	48	50	2-20 mm	
SBT40-SNER32-430-D48	485.4	430	404	26	63	48	50	2-20 mm	
SBT40-SNER32-500-D48	555.4	500	474	26	63	48	50	2-20 mm	

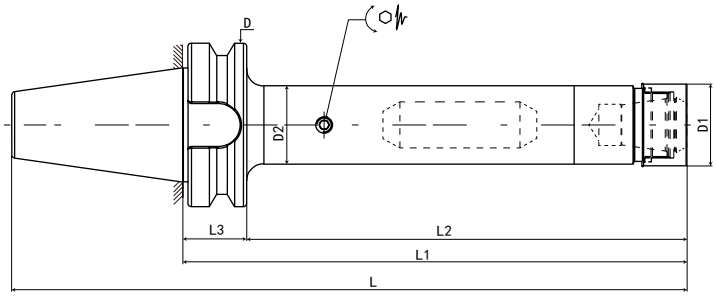
SBT40 - SNER - 25 - 180 - D38

- D38 → 刀 杆 直 径 Diameter
- 180 → L1 长度 Length（L1）
- 25 → 筒 夹 型 号 Collect Model
- SNER → 筒 夹 种 类 Collect type ER
- SBT40 → 锥 柄 形 式 Taper size

阻尼减振刀具 Damping Tools

SBT50-SNER 阻尼减振刀杆 SBT40-SNER DAMPING BORING TOOL





规格 Model	L	L1	L2	L3	D	D1	D2	夹持范围 Range	重量 KG
SBT50-SNER25-230-D38	321.8	230	193.5	36.5	100	38	40	1-16 mm	
SBT50-SNER25-280-D38	371.8	280	243.5	36.5	100	38	40	1-16 mm	
SBT50-SNER25-330-D38	421.8	330	293.5	36.5	100	38	40	1-16 mm	
SBT50-SNER25-380-D38	471.8	380	343.5	36.5	100	38	40	1-16 mm	
SBT50-SNER25-430-D38	521.8	430	393.5	36.5	100	38	40	1-16 mm	
SBT50-SNER25-480-D38	571.8	480	443.5	36.5	100	38	40	1-16 mm	
SBT50-SNER25-530-D38	621.8	530	493.5	36.5	100	38	40	1-16 mm	
SBT50-SNER25-600-D38	691.8	600	563.5	36.5	100	38	40	1-16 mm	
SBT50-SNER32-230-D48	321.8	230	193.5	36.5	100	48	50	2-20 mm	
SBT50-SNER32-280-D48	371.8	280	243.5	36.5	100	48	50	2-20 mm	
SBT50-SNER32-330-D48	421.8	330	293.5	36.5	100	48	50	2-20 mm	
SBT50-SNER32-380-D48	471.8	380	343.5	36.5	100	48	50	2-20 mm	
SBT50-SNER32-430-D48	521.8	430	393.5	36.5	100	48	50	2-20 mm	
SBT50-SNER32-480-D48	571.8	480	443.5	36.5	100	48	50	2-20 mm	
SBT50-SNER32-530-D48	621.8	530	493.5	36.5	100	48	50	2-20 mm	
SBT50-SNER32-580-D48	671.8	580	543.5	36.5	100	48	50	2-20 mm	
SBT50-SNER32-630-D48	721.8	630	593.5	36.5	100	48	50	2-20 mm	
SBT50-SNER32-700-D48	791.8	700	663.5	36.5	100	48	50	2-20 mm	
SBT50-SNER40-230-D58	321.8	230	193.5	36.5	100	58	63	2-26 mm	
SBT50-SNER40-280-D58	371.8	280	243.5	36.5	100	58	63	2-26 mm	
SBT50-SNER40-330-D58	421.8	330	293.5	36.5	100	58	63	2-26 mm	
SBT50-SNER40-380-D58	471.8	380	343.5	36.5	100	58	63	2-26 mm	
SBT50-SNER40-430-D58	521.8	430	393.5	36.5	100	58	63	2-26 mm	
SBT50-SNER40-480-D58	571.8	480	443.5	36.5	100	58	63	2-26 mm	
SBT50-SNER40-530-D58	621.8	530	493.5	36.5	100	58	63	2-26 mm	
SBT50-SNER40-580-D58	671.8	580	543.5	36.5	100	58	63	2-26 mm	
SBT50-SNER40-630-D58	721.8	630	593.5	36.5	100	58	63	2-26 mm	
SBT50-SNER40-700-D58	791.8	700	663.5	36.5	100	58	63	2-26 mm	

SBT50 - SNER - 25 - 230 - D38

- D38 → 刀杆直径 Diameter
- 230 → L1 长度 Length（L1）
- 25 → 筒夹型号 Collect Model
- SNER → 筒夹种类 Collect type ER
- SBT50 → 锥柄形式 Taper size

HSK

DIN 69893-A

PRECISION TOOL HOLDERS SYSTEM

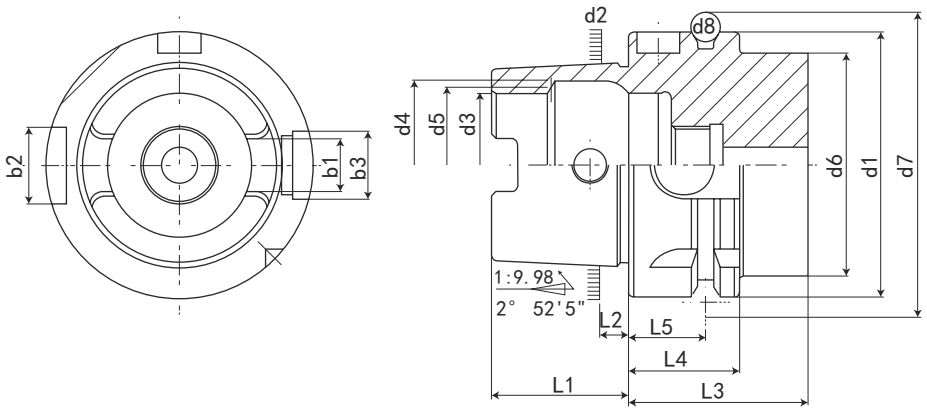


HSK数控刀柄系列

CNC TOOL SYSTEMS

参考资料 REFERENCE DETAILS

DIN 69893A



规格 / 型号 Model	d1 h10	d2	d3 H10	d4 H11	d5	d6 Max.	d7 0 -0.1	d8	L1 0 -0.2	L2	L3 Min.	L4 0 -0.1	L5 ±0.1	b1 ±0.04	b2 H10	b3 H10
HSK32A	32	24.007	17	20.5	19	26	37	4	16	3.2	35	20	16	7.05	7	9
HSK40A	40	30.007	21	25.5	23	34	45	4	20	4	35	20	16	8.05	9	9
HSK50A	50	38.009	26	32	29	42	59.3	7	25	5	42	26	18	10.54	12	12
HSK63A	63	48.010	34	40	37	53	72.3	7	32	6.3	42	26	18	12.54	16	16
HSK100A	100	75.013	53	63	58	85	109.75	7	50	10	45	29	20	20.02	20	20

特点：

注：

◎锥度精度：＜ AT3

◎基本材质：20CrMnTi/15CrMo

◎硬度：HRC56° 渗碳深度＞ 0.8mm

◎真圆度：＜ 0.8μm

◎表面粗糙度：Ra ＜ 0.5μm

◎刀杆有预设标准动平衡 G6.3，可另外指定精密动平衡 G2.5

◎本体规范：DIN 69893-1

Features:

◎ Taper tolerance ＜ AT3.

◎ Basic Material:20CrMnTi/15CrMo.

◎ Hardness ＞ HRC56° Carbon depth ＞ 0.8mm.

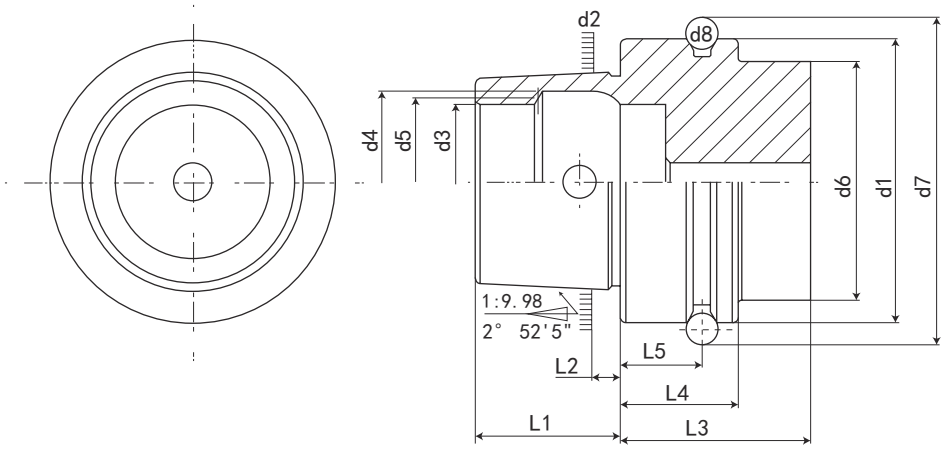
◎ Roundness ＜ 0.8μm.

◎ Surface roughness:Ra ＜ 0.5μm.

◎ The shank has pre-balance at G6.3, and can provide percision balance at G2.5, made by request.

◎ Shank body standard:DIN69893-1.

DIN 69893E



规格 / 型号 Model	d1 h10	d2	d3 H10	d4 H11	d5	d6 Max.	d7 0 -0.1	d8	L1 0 -0.2	L2	L3 Min.	L4 0 -0.1	L5 ±0.1
HSK25E	25	19	14	16.4	15	20	28.5	2	13	2.5	20	10	4.5
HSK32E	32	24	17	21	19	26	37	3	16	3.2	35	20	16
HSK40E	40	30	21	25.5	23	34	45	4	20	4	35	20	16
HSK50E	50	38	26	32	29	42	59.3	7	25	5	42	26	18
HSK63E	63	48	34	40	37	53	72.3	7	32	6.3	42	26	18

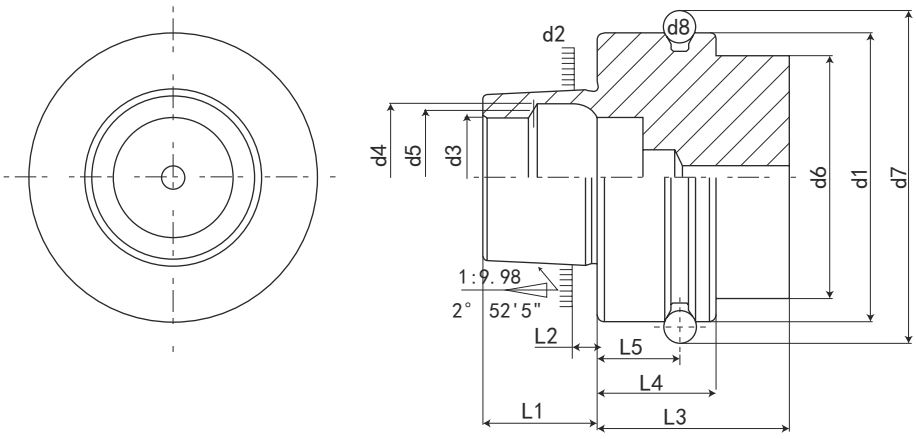
特点：

注：
◎锥度精度：＜ AT3
◎基本材质：20CrMnTi/15CrMo
◎硬度：HRC56° 渗碳深度＞ 0.8mm
◎真圆度：＜ 0.8μm
◎表面粗糙度：Ra ＜ 0.5μm
◎刀杆有预设标准动平衡 G6.3，可另外指定精密动平衡 G2.5
◎本体规范：DIN 69893-5

Features:

◎ Taper tolerance ＜ AT3.
◎ Basic Material:20CrMnTi/15CrMo.
◎ Hardness ＞ HRC56° Carbon depth ＞ 0.8mm.
◎ Roundness ＜ 0.8μm.
◎ Surface roughness:Ra ＜ 0.5μm.
◎ The shank has pre-balance at G6.3, and can provide percision balance at G2.5, made by request.
◎ Shank body standard:DIN69893-5.

DIN 69893F



规格 / 型号 Model	d1 h10	d2	d3 H10	d4 H11	d5	d6 Max.	d7 0 -0.1	d8	L1 0 -0.2	L2	L3 Min.	L4 0 -0.1	L5 ±0.1
HSK50F	50	30.007	21	25.5	23	42	59.3	7	20	4	42	26	18
HSK63F	63	38.009	26	32	29	53	72.3	7	25	5	42	26	18

特点：

注：

◎锥度精度：＜ AT3

◎基本材质：20CrMnTi/15CrMo

◎硬度：HRC56° 渗碳深度＞ 0.8mm

◎真圆度：＜ 0.8μm

◎表面粗糙度：Ra ＜ 0.5μm

◎刀杆有预设标准动平衡 G6.3，可另外指定精密动平衡 G2.5

◎本体规范：DIN 69893-6

Features:

◎ Taper tolerance ＜ AT3.

◎ Basic Material:20CrMnTi/15CrMo.

◎ Hardness ＞ HRC56° Carbon depth ＞ 0.8mm.

◎ Roundness ＜ 0.8μm.

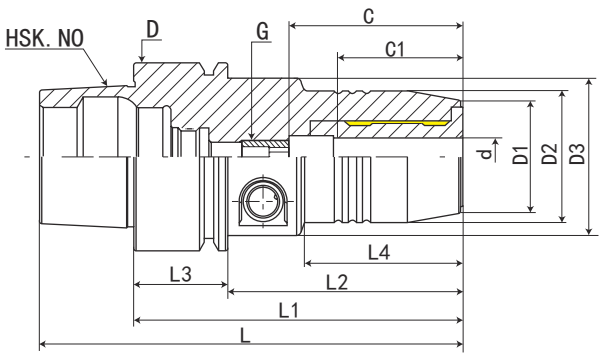
◎ Surface roughness:Ra ＜ 0.5μm.

◎ The shank has pre-balance at G6.3, and can provide percision balance at G2.5, made by request.

◎ Shank body standard:DIN69893-6.

HSK32E-PHC 液压刀柄 HSK32E-PHC HYDRAULIC TOOL HOLDER





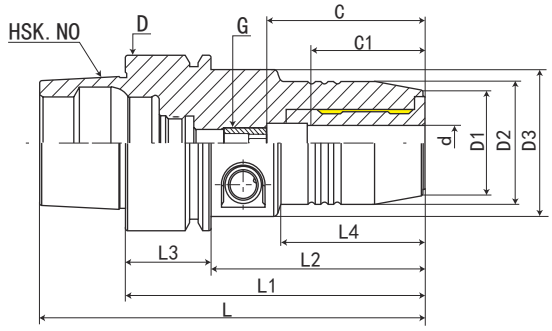
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
HSK32E-PHC03-80	96	80	60	20	29	32	20	23	40	3	*	18	*	0.5
HSK32E-PHC3.175-80	96	80	60	20	29	32	20	23	40	3.175	*	18	*	0.5
HSK32E-PHC04-80	96	80	60	20	29	32	21	24	40	4	*	24	*	0.5
HSK32E-PHC05-80	96	80	60	20	29	32	21	25	40	5	*	26	*	0.5
HSK32E-PHC06-80	96	80	60	20	29	32	22	26	40	6	37	27	M5*0.8P	0.5
HSK32E-PHC08-80	96	80	60	20	29	32	24	28	40	8	37	27	M6*1.0P	0.5
HSK32E-PHC10-85	101	85	65	20	35	32	26	30	40	10	41	31	M6*1.0P	0.5
HSK32E-PHC12-90	106	90	70	20	40	32	28	32	40	12	46	36	M6*1.0P	0.5

HSK32E - PHC - 03 - 80

- 80 → L1 长度 Length (L1)
- 03 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- HSK32E → 锥柄形式 Taper size

HSK40E-PHC 液压刀柄 HSK40E-PHC HYDRAULIC TOOL HOLDER





型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
HSK40E-PHC03-70	90	70	50	20	36	40	20	23	33.5	3	*	18	*	0.5
HSK40E-PHC3.175-70	90	70	50	20	36	40	20	23	33.5	3.175	*	18	*	0.5
HSK40E-PHC4-70	90	70	50	20	36	40	21	24	33.5	4	*	24	*	0.5
HSK40E-PHC05-70	90	70	50	20	36	40	21	25	33.5	5	*	26	*	0.5
HSK40E-PHC06-70	90	70	50	20	36	40	22	26	33.5	6	37	27	M5*0.8P	0.5
HSK40E-PHC08-70	90	70	50	20	36	40	24	28	33.5	8	37	27	M6*1.0P	0.5
HSK40E-PHC10-75	95	75	55	20	42	40	26	30	33.5	10	41	31	M6*1.0P	0.5
HSK40E-PHC12-80	100	80	60	20	48	40	28	32	33.5	12	46	36	M6*1.0P	0.6

HSK40E - PHC - 03 - 70

- 70 → L1 长度 Length (L1)
- 03 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- HSK40E → 锥柄形式 Taper size

HSK50E-PHC 液压刀柄 HSK50E-PHC HYDRAULIC TOOL HOLDER



FIG. 1

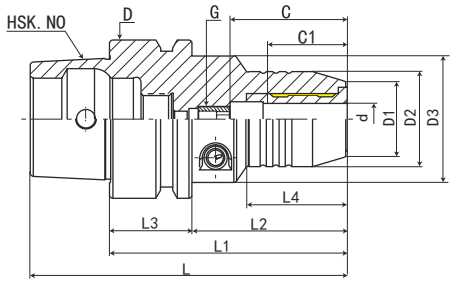
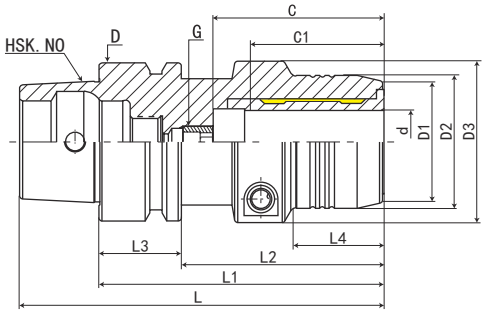


FIG. 2



型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	FIG	重量 KGS
HSK50E-PHC03-70	95	70	44	26	28	50	20	23	40	3	*	18	*	1	0.7
HSK50E-PHC3.175-70	95	70	44	26	28	50	20	23	40	3.175	*	18	*	1	0.7
HSK50E-PHC04-70	95	70	44	26	28	50	21	24	40	4	*	24	*	1	0.7
HSK50E-PHC05-70	95	70	44	26	28	50	21	25	40	5	*	26	*	1	0.7
HSK50E-PHC06-70	95	70	44	26	28	50	22	26	40	6	37	27	M5*0.8P	1	0.7
HSK50E-PHC08-70	95	70	44	26	28	50	24	28	40	8	37	27	M6*1.0P	1	0.7
HSK50E-PHC10-75	100	75	49	26	34	50	26	30	40	10	41	31	M8*1.0P	1	0.7
HSK50E-PHC12-85	110	85	59	26	44	50	28	32	40	12	46	36	M10*1.0P	1	0.8
HSK50E-PHC14-85	110	85	59	26	44	50	30	34	40	14	46	36	M10*1.0P	1	0.9
HSK50E-PHC16-90	120	90	64	26	30	50	34	38	40	16	49	39	M10*1.0P	1	1
HSK50E-PHC18-90	120	90	64	26	29	50	36	40	53	18	49	39	M10*1.0P	2	1.05
HSK50E-PHC20-90	120	90	64	26	29	50	38	42	60	20	51	41	M10*1.0P	2	1.1

HSK50E - PHC - 03 - 70

- 70 → L1 长度 Length (L1)
- 03 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- HSK50E → 锥柄形式 Taper size

HSK63E-PHC 液压刀柄 HSK63E-PHC HYDRAULIC TOOL HOLDER



FIG. 1

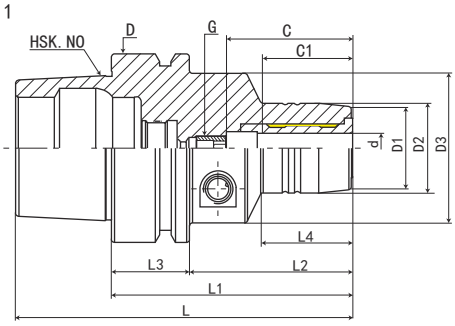
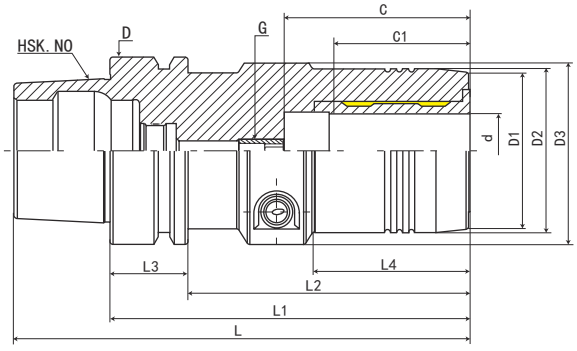


FIG. 2



型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	FIG	重量 KGS
HSK63E-PHC05-70	102	70	44	26	24	63	21	25	50	5	*	26	*	1	1.1
HSK63E-PHC06-70	102	70	44	26	24	63	22	26	50	6	37	27	M5*0.8P	1	1.1
HSK63E-PHC08-70	102	70	44	26	24	63	24	28	50	8	37	27	M6*1.0P	1	1.1
HSK63E-PHC10-80	112	80	54	26	35	63	26	30	50	10	41	31	M8*1.0P	1	1.1
HSK63E-PHC12-85	117	85	59	26	40	63	28	32	50	12	46	36	M10*1.0P	1	1.2
HSK63E-PHC14-85	117	85	59	26	40	63	30	34	50	14	46	36	M10*1.0P	1	1.2
HSK63E-PHC16-90	122	90	64	26	46	63	34	38	50	16	49	39	M12*1.0P	1	1.3
HSK63E-PHC18-90	122	90	64	26	47	63	36	40	50	18	49	39	M12*1.0P	1	1.3
HSK63E-PHC20-90	122	90	64	26	48	63	38	42	50	20	51	41	M16*1.0P	1	1.3
HSK63E-PHC25-120	152	120	94	26	59	63	53	57	63	25	57	47	M16*1.0P	2	2.3
HSK63E-PHC32-125	157	125	99	26	63	63	60	64	75	32	61	51	M16*1.0P	2	2.8

HSK63E - PHC - 05 - 70

- 70 → L1 长度 Length (L1)
- 05 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- HSK63E → 锥柄形式 Taper size

HSK63F-PHC 液压刀柄 HSK63F-PHC HYDRAULIC TOOL HOLDER



FIG. 1

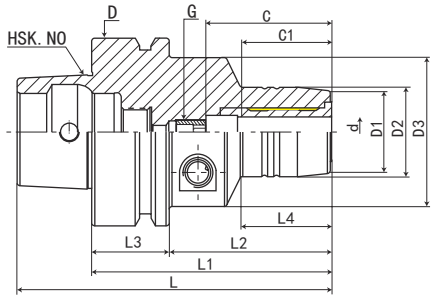
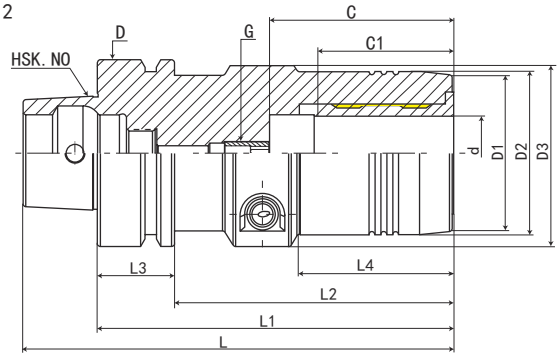


FIG. 2



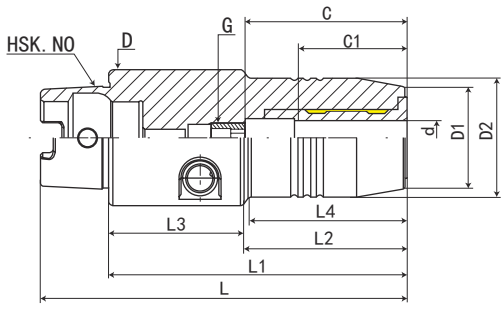
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	FIG	重量 KGS
HSK63F-PHC05-70	95	70	44	26	24	63	21	25	50	5	*	26	*	1	1
HSK63F-PHC06-70	95	70	44	26	24	63	22	26	50	6	37	27	M5*0.8P	1	1
HSK63F-PHC08-70	95	70	44	26	24	63	24	28	50	8	37	27	M6*1.0P	1	1
HSK63F-PHC10-80	105	80	54	26	35	63	26	30	50	10	41	31	M8*1.0P	1	1.1
HSK63F-PHC12-85	110	85	59	26	40	63	28	32	50	12	46	36	M10*1.0P	1	1.1
HSK63F-PHC14-85	110	85	59	26	40	63	30	34	50	14	46	36	M10*1.0P	1	1.2
HSK63F-PHC16-90	115	90	64	26	46	63	34	38	50	16	49	39	M12*1.0P	1	1.2
HSK63F-PHC18-90	115	90	64	26	47	63	36	40	50	18	49	39	M12*1.0P	1	1.4
HSK63F-PHC20-90	115	90	64	26	48	63	38	42	50	20	51	41	M16*1.0P	1	1.4
HSK63F-PHC25-120	145	120	94	26	59	63	53	57	53	25	57	47	M16*1.0P	2	2.1
HSK63F-PHC32-125	150	125	99	26	63	63	60	64	53	32	61	51	M16*1.0P	2	2.2

HSK63F - PHC - 05 - 70

- 70 → L1 长度 Length (L1)
- 05 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- HSK63F → 锥柄形式 Taper size

HSK32C-PHC 液压刀柄 HSK32C-PHC HYDRAULIC TOOL HOLDER





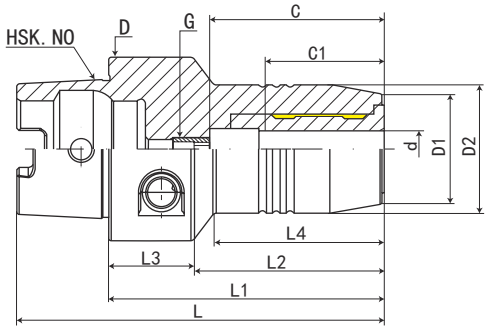
型号 Model	L	L1	L2	L3	L4	D	D1	D2	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
HSK32C-PHC05-65	81	65	45	20	29	32	21	25	5	*	26	*	0.5
HSK32C-PHC06-65	81	65	45	20	29	32	22	26	6	37	27	M5*0.8P	0.5
HSK32C-PHC08-70	86	70	50	20	29	32	24	28	8	37	27	M6*1.0P	0.5
HSK32C-PHC10-75	91	75	55	20	35	32	26	30	10	41	31	M6*1.0P	0.5
HSK32C-PHC12-80	96	80	60	20	40	32	28	32	12	46	36	M6*1.0P	0.5

HSK32C - PHC - 05 - 65

- 65 → L1 长度 Length (L1)
- 05 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- HSK32C → 锥柄形式 Taper size

HSK40C-PHC 液压刀柄 HSK40C-PHC HYDRAULIC TOOL HOLDER





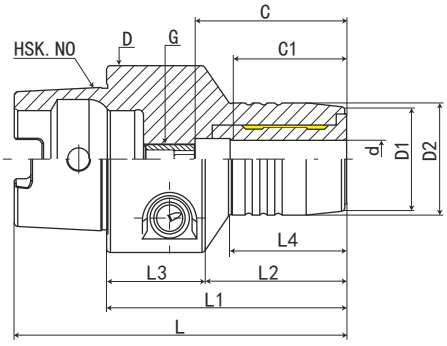
型号 Model	L	L1	L2	L3	L4	D	D1	D2	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
HSK40C-PHC05-60	80	60	40	20	35	40	21	25	5	*	26	*	0.4
HSK40C-PHC06-60	80	60	40	20	35	40	22	26	6	37	27	M5*0.8P	0.4
HSK40C-PHC08-60	80	60	40	20	36	40	24	28	8	37	27	M6*1.0P	0.4
HSK40C-PHC10-65	85	65	45	20	41	40	26	30	10	41	31	M6*1.0P	0.5
HSK40C-PHC12-70	90	70	50	20	47	40	28	32	12	46	36	M6*1.0P	0.5

HSK40C - PHC - 05 - 60

- 60 → L1 长度 Length (L1)
- 05 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- HSK40C → 锥柄形式 Taper size

HSK50C-PHC 液压刀柄 HSK50C-PHC HYDRAULIC TOOL HOLDER





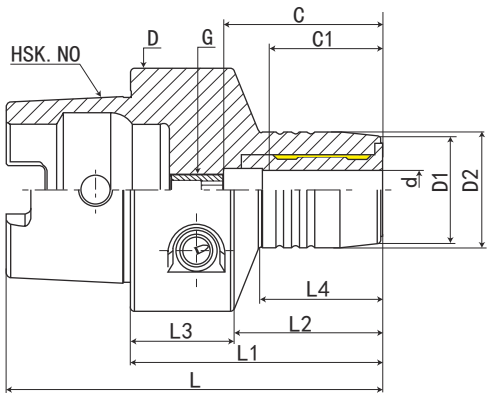
型号 Model	L	L1	L2	L3	L4	D	D1	D2	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
HSK50C-PHC05-60	85	60	34	26	30	50	21	25	5	*	26	*	0.6
HSK50C-PHC06-60	85	60	34	26	30	50	22	26	6	37	27	M5*0.8P	0.6
HSK50C-PHC08-60	85	60	34	26	30	50	24	28	8	37	27	M6*1.0P	0.6
HSK50C-PHC10-65	90	65	39	26	35	50	26	30	10	41	31	M8*1.0P	0.7
HSK50C-PHC12-75	100	75	49	26	40	50	28	32	12	46	36	M10*1.0P	0.7
HSK50C-PHC14-75	100	75	49	26	40	50	30	34	14	46	36	M10*1.0P	0.7
HSK50C-PHC16-80	105	80	54	26	50	50	34	38	16	49	39	M12*1.0P	0.8
HSK50C-PHC18-80	105	80	54	26	50	50	36	40	18	49	39	M12*1.0P	0.9
HSK50C-PHC20-80	105	80	54	26	50	50	38	42	20	51	41	M16*1.0P	0.9

HSK50C - PHC - 05 - 60

- 60 → L1 长度 Length (L1)
- 05 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- HSK50C → 锥柄形式 Taper size

HSK63C-PHC 液压刀柄 HSK63C-PHC HYDRAULIC TOOL HOLDER





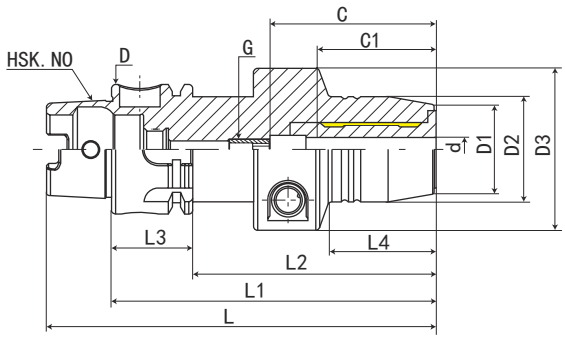
型号 Model	L	L1	L2	L3	L4	D	D1	D2	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
HSK63C-PHC05-60	92	60	34	26	25	63	21	25	5	*	26	*	0.9
HSK63C-PHC06-60	92	60	34	26	25	63	22	26	6	37	27	M5*0.8P	0.9
HSK63C-PHC08-60	92	60	34	26	25	63	24	28	8	37	27	M6*1.0P	0.9
HSK63C-PHC10-65	97	65	39	26	31	63	26	30	10	41	31	M8*1.0P	1
HSK63C-PHC12-75	107	75	49	26	41	63	28	32	12	46	36	M10*1.0P	1
HSK63C-PHC14-75	107	75	49	26	42	63	30	34	14	46	36	M10*1.0P	1.1
HSK63C-PHC16-80	112	80	54	26	48	63	34	38	16	49	39	M12*1.0P	1.1
HSK63C-PHC18-80	112	80	54	26	48	63	36	40	18	49	39	M12*1.0P	1.2
HSK63C-PHC20-80	112	80	54	26	49	63	38	42	20	51	41	M16*1.0P	1.2
HSK63C-PHC25-95	127	95	69	26	63	63	53	57	25	57	47	M16*1.0P	1.8
HSK63C-PHC32-100	132	100	74	26	60	63	59	63	32	61	51	M16*1.0P	2

HSK63C - PHC - 05 - 60

- 60 → L1 长度 Length (L1)
- 05 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- HSK63C → 锥柄形式 Taper size

HSK32A-PHC 液压刀柄 HSK32A-PHC HYDRAULIC TOOL HOLDER





型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
HSK32A-PHC03-80	96	80	60	20	29	32	20	23	40	3	*	18	*	0.5
HSK32A-PHC3.175-80	96	80	60	20	29	32	20	23	40	3.175	*	18	*	0.5
HSK32A-PHC04-80	96	80	60	20	29	32	21	24	40	4	*	24	*	0.5
HSK32A-PHC05-80	96	80	60	20	29	32	21	25	40	5	*	26	*	0.5
HSK32A-PHC06-80	96	80	60	20	29	32	22	26	40	6	37	27	M5*0.8P	0.5
HSK32A-PHC08-80	96	80	60	20	29	32	24	28	40	8	37	27	M6*1.0P	0.5
HSK32A-PHC10-85	101	85	65	20	35	32	26	30	40	10	41	31	M6*1.0P	0.5
HSK32A-PHC12-90	106	90	70	20	40	32	28	32	40	12	46	36	M6*1.0P	0.5

HSK32A - PHC - 03 - 80

- 80 → L1 长度 Length (L1)
- 03 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- HSK32A → 锥柄形式 Taper size

HSK40A-PHC 液压刀柄 HSK40A-PHC HYDRAULIC TOOL HOLDER



FIG. 1

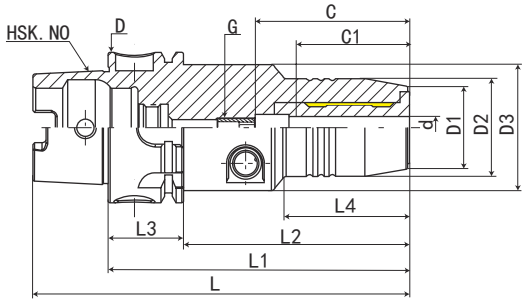
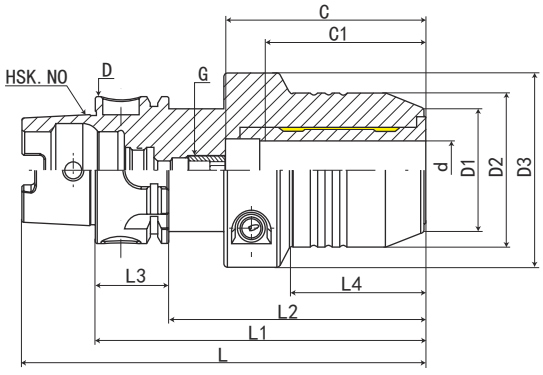




FIG. 2



型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	FIG	重量 KGS
HSK40A-PHC03-70	90	70	50	20	36	40	20	23	33.5	3	*	18	*	1	0.4
HSK40A-PHC3.175-70	90	70	50	20	36	40	20	23	33.5	3.175	*	18	*	1	0.4
HSK40A-PHC04-70	90	70	50	20	36	40	21	24	33.5	4	*	24	*	1	0.4
HSK40A-PHC05-70	90	70	50	20	36	40	21	25	33.5	5	*	26	*	1	0.4
HSK40A-PHC06-70	90	70	50	20	36	40	22	26	33.5	6	37	27	M5*0.8P	1	0.4
HSK40A-PHC08-70	90	70	50	20	36	40	24	28	33.5	8	37	27	M6*1.0P	1	0.5
HSK40A-PHC10-75	95	75	55	20	42	40	26	30	33.5	10	41	31	M6*1.0P	1	0.5
HSK40A-PHC12-80	100	80	60	20	48	40	28	32	33.5	12	46	36	M6*1.0P	1	0.5
HSK40A-PHC14-85	105	85	65	20	32	40	30	34	53	14	46	36	M8*1.0P	2	0.7
HSK40A-PHC16-90	110	90	70	20	37	40	34	38	53	16	49	39	M8*1.0P	2	0.8
HSK40A-PHC18-95	115	95	75	20	42	40	36	40	53	18	49	39	M8*1.0P	2	0.8
HSK40A-PHC20-100	120	100	80	20	47	40	38	42	53	20	51	41	M8*1.0P	2	1

HSK40A - PHC - 03 - 70

- 70 → L1 长度 Length (L1)
- 03 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- HSK40A → 锥柄形式 Taper size

HSK50A-PHC 液压刀柄 HSK50A-PHC HYDRAULIC TOOL HOLDER



FIG. 1

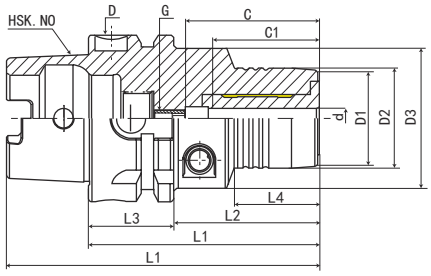
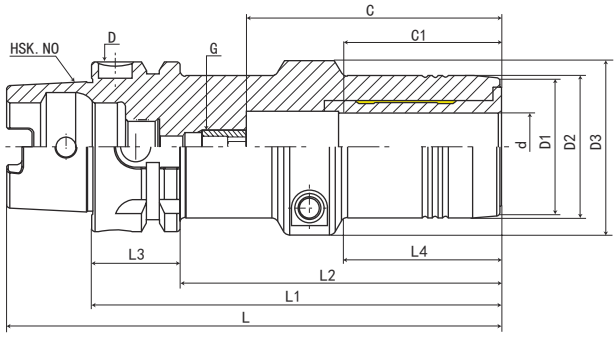




FIG. 2



型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	FIG	重量 KGS
HSK50A-PHC03-70	95	70	44	26	28	50	20	23	40	3	*	18	*	1	0.7
HSK50A-PHC3.175-70	95	70	44	26	28	50	20	23	40	3.175	*	18	*	1	0.7
HSK50A-PHC04-70	95	70	44	26	28	50	21	24	40	4	*	24	*	1	0.7
HSK50A-PHC05-70	95	70	44	26	28	50	21	25	40	5	*	26	*	1	0.7
HSK50A-PHC06-70	95	70	44	26	28	50	22	26	40	6	37	27	M5*0.8P	1	0.7
HSK50A-PHC08-70	95	70	44	26	28	50	24	28	40	8	37	27	M6*1.0P	1	0.7
HSK50A-PHC10-75	100	75	49	26	34	50	26	30	40	10	41	31	M8*1.0P	1	0.7
HSK50A-PHC12-85	110	85	59	26	44	50	28	32	40	12	46	36	M10*1.0P	1	0.8
HSK50A-PHC14-85	110	85	59	26	44	50	30	34	40	14	46	36	M10*1.0P	1	0.8
HSK50A-PHC16-90	115	90	64	26	30	50	34	38	53	16	49	39	M10*1.0P	2	1.1
HSK50A-PHC18-90	115	90	64	26	30	50	36	40	57	18	49	39	M10*1.0P	2	1.1
HSK50A-PHC20-90	115	90	64	26	29	50	38	42	60	20	51	41	M10*1.0P	2	1.1
HSK50A-PHC25-100	125	100	74	26	43	50	53	57	63	25	57	47	M10*1.0P	2	1.9
HSK50A-PHC32-110	135	110	84	26	46	50	59	63	67	32	61	51	M10*1.0P	2	2.1

HSK50A - PHC - 03 - 70

- 70 → L1 长度 Length (L1)
- 03 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- HSK50A → 锥柄形式 Taper size

HSK63A-PHC 液压刀柄 HSK63A-PHC HYDRAULIC TOOL HOLDER



FIG. 1

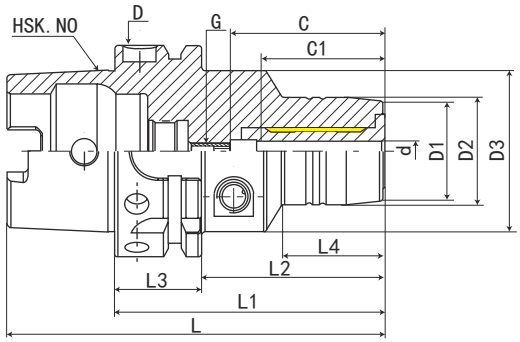
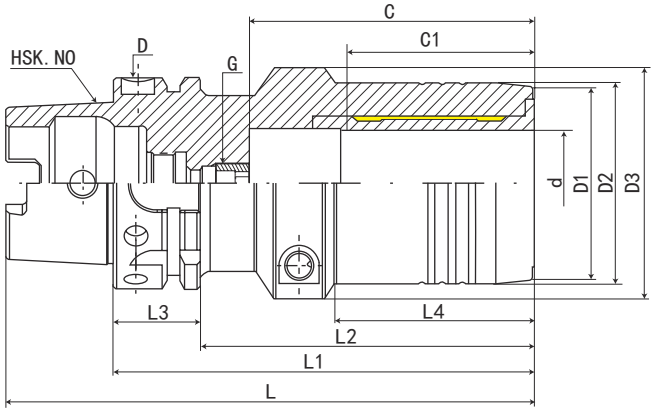




FIG. 2



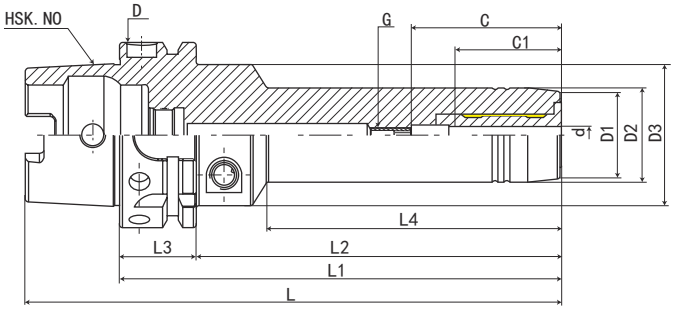
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	FIG	重量 KGS
HSK63A-PHC03-70	102	70	44	26	24	63	20	23	50	3	*	18	*	1	1
HSK63A-PHC03.175-70	102	70	44	26	24	63	20	23	50	3.175	*	18	*	1	1
HSK63A-PHC04-70	102	70	44	26	24	63	21	24	50	4	*	24	*	1	1
HSK63A-PHC05-70	102	70	44	26	24	63	21	25	50	5	*	26	*	1	1
HSK63A-PHC06-70	102	70	44	26	24	63	22	26	50	6	37	27	M5*0.8P	1	1
HSK63A-PHC08-70	102	70	44	26	24	63	24	28	50	8	37	27	M6*1.0P	1	1
HSK63A-PHC10-80	112	80	54	26	35	63	26	30	50	10	41	31	M8*1.0P	1	1.1
HSK63A-PHC12-85	117	85	59	26	40	63	28	32	50	12	46	36	M10*1.0P	1	1.1
HSK63A-PHC14-85	117	85	59	26	40	63	30	34	50	14	46	36	M10*1.0P	1	1.1
HSK63A-PHC16-90	122	90	64	26	46	63	34	38	50	16	49	39	M12*1.0P	1	1.2
HSK63A-PHC18-90	122	90	64	26	47	63	36	40	50	18	49	39	M12*1.0P	1	1.3
HSK63A-PHC20-90	122	90	64	26	48	63	38	42	50	20	51	41	M16*1.0P	1	1.3
HSK63A-PHC25-120	152	120	94	26	63	63	53	57	63	25	57	47	M16*1.0P	2	2.16
HSK63A-PHC32-125	157	125	99	26	61	63	59	63	69	32	61	51	M16*1.0P	2	2.7
HSK63A-PHC40-140	172	140	114	26	65	63	67	71	74	40			M16*1.0P	2	3.2
HSK63A-PHC42-140	172	140	114	26	65	63	69	73	74	42			M16*1.0P	2	3.2

HSK63A - PHC - 03 - 70

- 70 → L1 长度 Length (L1)
- 03 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- HSK63A → 锥柄形式 Taper size

HSK63A-JPHC 液压刀柄 HSK63A-JPHC HYDRAULIC TOOL HOLDER





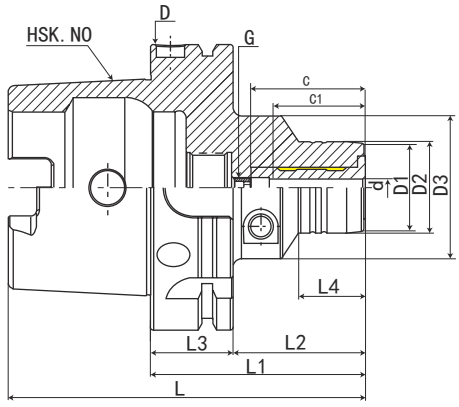
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
HSK63A-JPHC05-120	152	120	94	26	73	63	21	25	50	5	*	26	*	1.2
HSK63A-JPHC05-150	182	150	124	26	103	63	21	25	50	5	*	26	*	1.7
HSK63A-JPHC05-200	232	200	174	26	153	63	21	25	50	5	*	26	*	1.9
HSK63A-JPHC05-250	282	250	224	26	203	63	21	25	50	5	*	26	*	2.1
HSK63A-JPHC06-120	152	120	94	26	73	63	22	26	50	6	37	27	M5*0.8P	1.2
HSK63A-JPHC06-150	182	150	124	26	103	63	22	26	50	6	37	27	M5*0.8P	1.7
HSK63A-JPHC06-200	232	200	174	26	153	63	22	26	50	6	37	27	M5*0.8P	1.9
HSK63A-JPHC06-250	282	250	224	26	203	63	22	26	50	6	37	27	M5*0.8P	2.1
HSK63A-JPHC08-120	152	120	94	26	74	63	24	28	50	8	37	27	M6*1.0P	1.2
HSK63A-JPHC08-150	182	150	124	26	104	63	24	28	50	8	37	27	M6*1.0P	1.7
HSK63A-JPHC08-200	232	200	174	26	154	63	24	28	50	8	37	27	M6*1.0P	1.9
HSK63A-JPHC08-250	282	250	224	26	204	63	24	28	50	8	37	27	M6*1.0P	2.1
HSK63A-JPHC10-120	152	120	94	26	74	63	26	30	50	10	41	31	M8*1.0P	1.2
HSK63A-JPHC10-150	182	150	124	26	104	63	26	30	50	10	41	31	M8*1.0P	1.7
HSK63A-JPHC10-200	232	200	174	26	154	63	26	30	50	10	41	31	M8*1.0P	1.9
HSK63A-JPHC10-250	282	250	224	26	204	63	26	30	50	10	41	31	M8*1.0P	2.1
HSK63A-JPHC12-120	152	120	94	26	75	63	28	32	50	12	46	36	M10*1.0P	1.3
HSK63A-JPHC12-150	182	150	124	26	105	63	28	32	50	12	46	36	M10*1.0P	1.7
HSK63A-JPHC12-200	232	200	174	26	155	63	28	32	50	12	46	36	M10*1.0P	1.9
HSK63A-JPHC12-250	282	250	224	26	204	63	28	32	50	12	46	36	M10*1.0P	2.2
HSK63A-JPHC14-120	152	120	94	26	75	63	30	34	50	14	46	36	M10*1.0P	1.3
HSK63A-JPHC14-150	182	150	124	26	105	63	30	34	50	14	46	36	M10*1.0P	1.7
HSK63A-JPHC14-200	232	200	174	26	155	63	30	34	50	14	46	36	M10*1.0P	1.9
HSK63A-JPHC14-250	282	250	224	26	204	63	30	34	50	14	46	36	M10*1.0P	2.2
HSK63A-JPHC16-120	152	120	94	26	76	63	34	38	50	16	49	39	M12*1.0P	1.4
HSK63A-JPHC16-150	182	150	124	26	106	63	34	38	50	16	49	39	M12*1.0P	2
HSK63A-JPHC16-200	232	200	174	26	156	63	34	38	50	16	49	39	M12*1.0P	2.3
HSK63A-JPHC16-250	282	250	224	26	206	63	34	38	50	16	49	39	M12*1.0P	2.6
HSK63A-JPHC18-120	152	120	94	26	77	63	36	40	50	18	49	39	M12*1.0P	1.5
HSK63A-JPHC18-150	182	150	124	26	107	63	36	40	50	18	49	39	M12*1.0P	2.1
HSK63A-JPHC18-200	232	200	174	26	157	63	36	40	50	18	49	39	M12*1.0P	2.4
HSK63A-JPHC18-250	282	250	224	26	207	63	36	40	50	18	49	39	M12*1.0P	2.7
HSK63A-JPHC20-120	152	120	94	26	78	63	38	42	50	20	51	41	M16*1.0P	1.5
HSK63A-JPHC20-150	182	150	124	26	108	63	38	42	50	20	51	41	M16*1.0P	2.1
HSK63A-JPHC20-200	232	200	174	26	158	63	38	42	50	20	51	41	M16*1.0P	2.4
HSK63A-JPHC20-250	282	250	224	26	208	63	38	42	50	20	51	41	M16*1.0P	2.7

HSK63A - JPHC - 05 - 120

- 120 → L1 长度 Length (L1)
- 05 → 刀杆直径 Diameter
- JPHC → 功能代号 Holder type
- HSK63A → 锥柄形式 Taper size

HSK80A-PHC 液压刀柄 HSK80A-PHC HYDRAULIC TOOL HOLDER





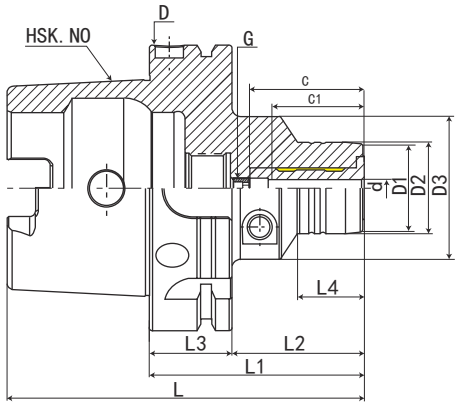
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
HSK80A-PHC05-70	110	70	44	26	24	80	21	25	50	5	*	26	*	1.4
HSK80A-PHC06-70	110	70	44	26	24	80	22	26	50	6	37	27	M5*0.8P	1.4
HSK80A-PHC08-70	110	70	44	26	24	80	24	28	50	8	37	27	M6*1.0P	1.4
HSK80A-PHC10-80	120	80	54	26	35	80	26	30	50	10	41	31	M8*1.0P	1.5
HSK80A-PHC12-85	125	85	59	26	40	80	28	32	50	12	46	36	M10*1.0P	1.6
HSK80A-PHC14-85	125	85	59	26	40	80	30	34	50	14	46	36	M10*1.0P	1.6
HSK80A-PHC16-95	135	95	69	26	51	80	34	38	50	16	49	39	M12*1.0P	1.6
HSK80A-PHC18-95	135	95	69	26	51	80	36	40	50	18	49	39	M12*1.0P	1.7
HSK80A-PHC20-95	135	95	69	26	51	80	38	42	50	20	51	41	M16*1.0P	1.7
HSK80A-PHC25-110	150	110	84	26	65	80	53	57	63	25	57	47	M16*1.0P	2.6
HSK80A-PHC32-125	165	125	99	26	63	80	59	63	75	32	61	51	M16*1.0P	3.1
HSK80A-PHC40-140	180	140	114	26		80			75	40			M16*1.0P	3.8
HSK80A-PHC42-140	180	140	114	26		80			75	42			M16*1.0P	3.8

HSK80A - PHC - 05 - 70

- 70 → L1 长度 Length (L1)
- 05 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- HSK80A → 锥柄形式 Taper size

HSK100A-PHC 液压刀柄 HSK100A-PHC HYDRAULIC TOOL HOLDER





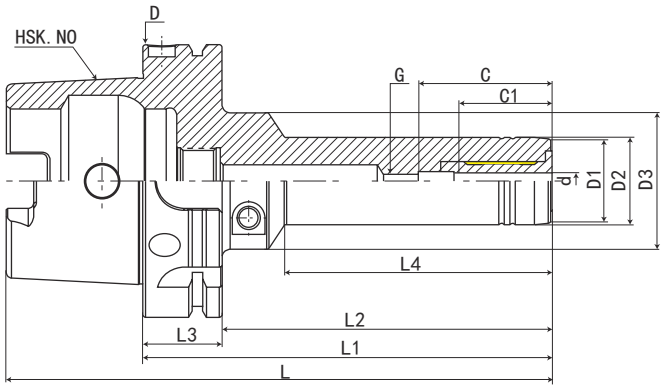
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
HSK100A-PHC05-75	125	75	46	29	26	100	21	25	50	5	*	26	*	2.3
HSK100A-PHC06-75	125	75	46	29	26	100	22	26	50	6	37	27	M5*0.8P	2.3
HSK100A-PHC08-75	125	75	46	29	26	100	24	28	50	8	37	27	M6*1.0P	2.3
HSK100A-PHC10-90	140	90	61	29	42	100	26	30	50	10	41	31	M8*1.0P	2.5
HSK100A-PHC12-95	145	95	66	29	47	100	28	32	50	12	46	36	M10*1.0P	2.5
HSK100A-PHC14-95	145	95	66	29	47	100	30	34	50	14	46	36	M10*1.0P	2.5
HSK100A-PHC16-100	150	100	71	29	53	100	34	38	50	16	49	39	M12*1.0P	2.6
HSK100A-PHC18-100	150	100	71	29	53	100	36	40	50	18	49	39	M12*1.0P	2.6
HSK100A-PHC20-105	155	105	76	29	59	100	38	42	50	20	51	41	M16*1.0P	2.7
HSK100A-PHC25-110	160	110	81	29	62	100	53	57	63	25	57	47	M16*1.0P	3.3
HSK100A-PHC32-110	160	110	81	29	62	100	59	63	75	32	61	51	M16*1.0P	3.5
HSK100A-PHC40-140	190	140	111	29		100				40			M16*1.0P	4
HSK100A-PHC42-140	190	140	111	29		100				42			M16*1.0P	4
HSK100A-PHC50-				29		100				50			M16*1.0P	5

HSK100A - PHC - 05 - 75

- 75 → L1 长度 Length (L1)
- 05 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- HSK100A → 锥柄形式 Taper size

HSK100A-JPHC 液压刀柄 HSK100A-JPHC HYDRAULIC TOOL HOLDER





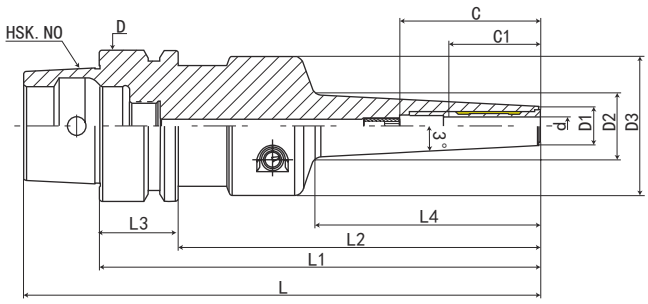
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
HSK100A-JPHC05-150	200	150	121	29	101	100	21	25	50	5	*	26	*	2.6
HSK100A-JPHC05-200	250	200	171	29	151	100	21	25	50	5	*	26	*	2.8
HSK100A-JPHC05-250	300	250	221	29	201	100	21	25	50	5	*	26	*	3.1
HSK100A-JPHC06-150	200	150	121	29	101	100	22	26	50	6	37	27	M5*0.8P	2.6
HSK100A-JPHC06-200	250	200	171	29	151	100	22	26	50	6	37	27	M5*0.8P	2.8
HSK100A-JPHC06-250	300	250	221	29	201	100	22	26	50	6	37	27	M5*0.8P	3.1
HSK100A-JPHC08-150	200	150	121	29	101	100	24	28	50	8	37	27	M6*1.0P	2.6
HSK100A-JPHC08-200	250	200	171	29	151	100	24	28	50	8	37	27	M6*1.0P	2.8
HSK100A-JPHC08-250	300	250	221	29	201	100	24	28	50	8	37	27	M6*1.0P	3.1
HSK100A-JPHC10-150	200	150	121	29	102	100	26	30	50	10	41	31	M8*1.0P	2.9
HSK100A-JPHC10-200	250	200	171	29	152	100	26	30	50	10	41	31	M8*1.0P	3.2
HSK100A-JPHC10-250	300	250	221	29	202	100	26	30	50	10	41	31	M8*1.0P	3.5
HSK100A-JPHC12-150	200	150	121	29	102	100	28	32	50	12	46	36	M10*1.0P	2.9
HSK100A-JPHC12-200	250	200	171	29	152	100	28	32	50	12	46	36	M10*1.0P	3.2
HSK100A-JPHC12-250	300	250	221	29	202	100	28	32	50	12	46	36	M10*1.0P	3.5
HSK100A-JPHC14-150	200	150	121	29	102	100	30	34	50	14	46	36	M10*1.0P	2.9
HSK100A-JPHC14-200	250	200	171	29	152	100	30	34	50	14	46	36	M10*1.0P	3.2
HSK100A-JPHC14-250	300	250	221	29	202	100	30	34	50	14	46	36	M10*1.0P	3.5
HSK100A-JPHC16-150	200	150	121	29	103	100	34	38	50	16	49	39	M12*1.0P	3.1
HSK100A-JPHC16-200	250	200	171	29	153	100	34	38	50	16	49	39	M12*1.0P	3.6
HSK100A-JPHC16-250	300	250	221	29	203	100	34	38	50	16	49	39	M12*1.0P	4.1
HSK100A-JPHC18-150	200	150	121	29	103	100	36	40	50	18	49	39	M12*1.0P	3.1
HSK100A-JPHC18-200	250	200	171	29	153	100	36	40	50	18	49	39	M12*1.0P	3.6
HSK100A-JPHC18-250	300	250	221	29	203	100	36	40	50	18	49	39	M12*1.0P	4.1
HSK100A-JPHC20-150	200	150	121	29	104	100	38	42	50	20	51	41	M16*1.0P	3.2
HSK100A-JPHC20-200	250	200	171	29	154	100	38	42	50	20	51	41	M16*1.0P	3.7
HSK100A-JPHC20-250	300	250	221	29	204	100	38	42	50	20	51	41	M16*1.0P	4.2

HSK100A - JPHC - 05 - 150

- 150 → L1 长度 Length (L1)
- 05 → 刀杆直径 Diameter
- JPHC → 功能代号 Holder type
- HSK100A → 锥柄形式 Taper size

HSK50E-SPHC 液压刀柄 HSK50E-SPHC HYDRAULIC TOOL HOLDER





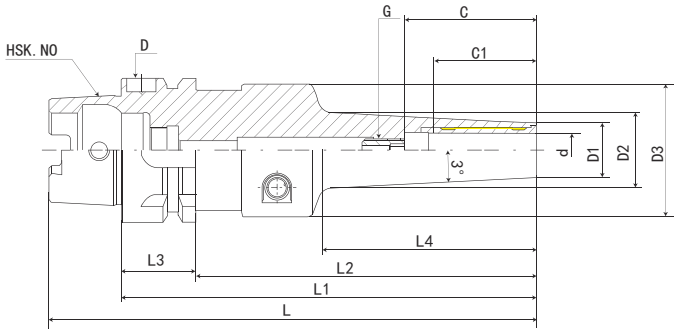
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
HSK50E-SPHC03-115	140	115	89	26	42	50	11		46	3	*	18	*	0.6
HSK50E-SPHC04-115	140	115	89	26	42	50	11		46	4	*	24	*	0.6
HSK50E-SPHC05-115	140	115	89	26	42	50	12		46	5	*	26	*	0.6
HSK50E-SPHC06-145	170	145	119	26	74	50	13		46	6	37	27	M5*0.8P	1.1
HSK50E-SPHC08-145	170	145	119	26	74	50	15		46	8	37	27	M6*1.0P	1.1
HSK50E-SPHC10-145	170	145	119	26	74	50	17		46	10	41	31	M8*1.0P	1.1
HSK50E-SPHC12-145	170	145	119	26	75	50	19		46	12	46	36	M10*1.0P	1.1

HSK50E - SPHC - 03 - 115

- 115 → L1 长度 Length (L1)
- 03 → 刀杆直径 Diameter
- SPHC → 功能代号 Holder type
- HSK50E → 锥柄形式 Taper size

HSK50A-SPHC 液压刀柄 HSK50A-SPHC HYDRAULIC TOOL HOLDER





型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
HSK50A-SPHC03-115	140	115	89	26	42	50	11		46	3	*	18	*	0.6
HSK50A-SPHC04-115	140	115	89	26	42	50	11		46	4	*	24	*	0.6
HSK50A-SPHC05-115	140	115	89	26	42	50	12		46	5	*	26	*	0.6
HSK50A-SPHC06-145	170	145	119	26	74	50	13		46	6	37	27	M5*0.8P	1.1
HSK50A-SPHC08-145	170	145	119	26	74	50	15		46	8	37	27	M6*1.0P	1.1
HSK50A-SPHC10-145	170	145	119	26	74	50	17		46	10	41	31	M8*1.0P	1.1
HSK50A-SPHC12-145	170	145	119	26	75	50	19		46	12	46	36	M10*1.0P	1.1

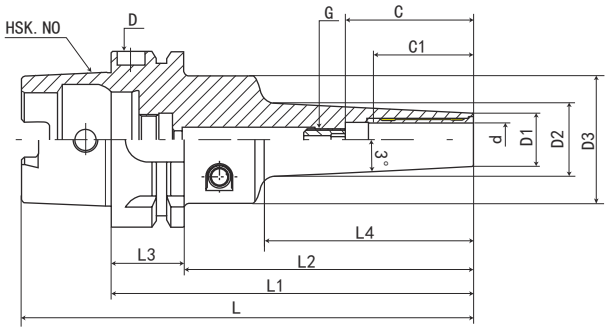
HSK50A - SPHC - 03 - 115

- 115 → L1 长度 Length (L1)
- 03 → 刀杆直径 Diameter
- SPHC → 功能代号 Holder type
- HSK50A → 锥柄形式 Taper size

数控刀柄系列 CNC TOOL SYSTEMS

HSK63A-SPHC 液压刀柄 HSK63A-SPHC HYDRAULIC TOOL HOLDER





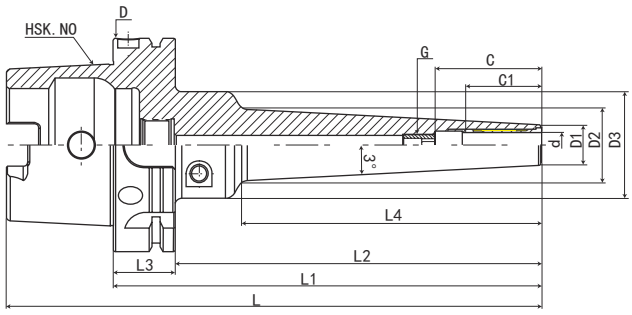
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
HSK63A-SPHC03-100	132	100	74	26	42	63	11		46	3	*	18	*	0.9
HSK63A-SPHC03-130	162	130	104	26	72	63	11		46	3	*	18	*	1
HSK63A-SPHC04-100	132	100	74	26	42	63	11		46	4	*	24	*	0.9
HSK63A-SPHC04-130	162	130	104	26	72	63	11		46	4	*	24	*	1
HSK63A-SPHC05-100	132	100	74	26	42	63	12		46	5	*	26	*	0.9
HSK63A-SPHC05-130	162	130	104	26	72	63	12		46	5	*	26	*	1
HSK63A-SPHC06-130	162	130	104	26	74	63	13		46	6	37	27	M5*0.8P	1.2
HSK63A-SPHC06-160	192	160	134	26	104	63	13		46	6	37	27	M5*0.8P	1.3
HSK63A-SPHC06-200	232	200	174	26	144	63	13		46	6	37	27	M5*0.8P	1.4
HSK63A-SPHC08-130	162	130	104	26	74	63	15		46	8	37	27	M6*1.0P	1.2
HSK63A-SPHC08-160	192	160	134	26	104	63	15		46	8	37	27	M6*1.0P	1.3
HSK63A-SPHC08-200	232	200	174	26	144	63	15		46	8	37	27	M6*1.0P	1.4
HSK63A-SPHC10-130	162	130	104	26	74	63	17		46	10	41	31	M8*1.0P	1.2
HSK63A-SPHC10-160	192	160	134	26	104	63	17		46	10	41	31	M8*1.0P	1.3
HSK63A-SPHC10-200	232	200	174	26	144	63	17		46	10	41	31	M8*1.0P	1.4
HSK63A-SPHC12-130	162	130	104	26	75	63	19		46	12	46	36	M10*1.0P	1.2
HSK63A-SPHC12-160	192	160	134	26	105	63	19		46	12	46	36	M10*1.0P	1.3
HSK63A-SPHC12-200	232	200	174	26	145	63	19		46	12	46	36	M10*1.0P	1.4
HSK63A-SPHC14-130	162	130	104	26	75	63	21		46	14	46	36	M10*1.0P	1.3
HSK63A-SPHC14-160	192	160	134	26	105	63	21		46	14	46	36	M10*1.0P	1.4
HSK63A-SPHC14-200	232	200	174	26	145	63	21		46	14	46	36	M10*1.0P	1.5
HSK63A-SPHC16-130	162	130	104	26	76	63	23		50	16	49	39	M12*1.0P	1.3
HSK63A-SPHC16-160	192	160	134	26	106	63	23		50	16	49	39	M12*1.0P	1.4
HSK63A-SPHC16-200	232	200	174	26	146	63	23		50	16	49	39	M12*1.0P	1.5
HSK63A-SPHC18-130	162	130	104	26	76	63	25		50	18	49	39	M12*1.0P	1.4
HSK63A-SPHC18-160	192	160	134	26	106	63	25		50	18	49	39	M12*1.0P	1.5
HSK63A-SPHC18-200	232	200	174	26	146	63	25		50	18	49	39	M12*1.0P	1.6
HSK63A-SPHC20-130	162	130	104	26	77	63	27		50	20	51	41	M16*1.0P	1.4
HSK63A-SPHC20-160	192	160	134	26	107	63	27		50	20	51	41	M16*1.0P	1.5
HSK63A-SPHC20-200	232	200	174	26	147	63	27		50	20	51	41	M16*1.0P	1.6

HSK63A - SPHC - 03 - 100

- 100 → L1 长度 Length (L1)
- 03 → 刀杆直径 Diameter
- SPHC → 功能代号 Holder type
- HSK63A → 锥柄形式 Taper size

HSK100A-SPHC 液压刀柄 HSK100A-SPHC HYDRAULIC TOOL HOLDER

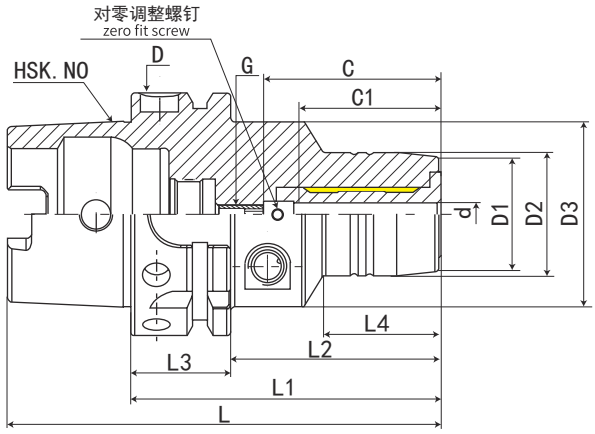




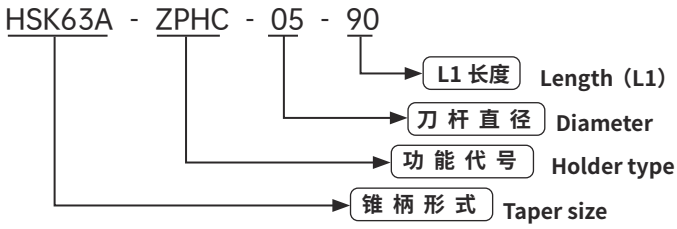
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
HSK100A-SPHC05-150	200	150	121	29	90	100	12		50	5	*	26	*	2.9
HSK100A-SPHC05-200	250	200	171	29	140	100	12		50	5	*	26	*	3.1
HSK100A-SPHC05-250	300	250	221	29	190	100	12		50	5	*	26	*	3.3
HSK100A-SPHC05-300	350	300	271	29	240	100	12		50	5	*	26	*	3.5
HSK100A-SPHC06-150	200	150	121	29	90	100	13		50	6	37	27	M5*0.8P	2.9
HSK100A-SPHC06-200	250	200	171	29	140	100	13		50	6	37	27	M5*0.8P	3.1
HSK100A-SPHC06-250	300	250	221	29	190	100	13		50	6	37	27	M5*0.8P	3.3
HSK100A-SPHC06-300	350	300	271	29	240	100	13		50	6	37	27	M5*0.8P	3.5
HSK100A-SPHC08-150	200	150	121	29	90	100	15		50	8	37	27	M6*1.0P	2.9
HSK100A-SPHC08-200	250	200	171	29	140	100	15		50	8	37	27	M6*1.0P	3.1
HSK100A-SPHC08-250	300	250	221	29	190	100	15		50	8	37	27	M6*1.0P	3.3
HSK100A-SPHC08-300	350	300	271	29	240	100	15		50	8	37	27	M6*1.0P	3.5
HSK100A-SPHC10-150	200	150	121	29	90	100	17		50	10	41	31	M8*1.0P	2.9
HSK100A-SPHC10-200	250	200	171	29	140	100	17		50	10	41	31	M8*1.0P	3.1
HSK100A-SPHC10-250	300	250	221	29	190	100	17		50	10	41	31	M8*1.0P	3.3
HSK100A-SPHC10-300	350	300	271	29	240	100	17		50	10	41	31	M8*1.0P	3.5
HSK100A-SPHC12-150	200	150	121	29	90	100	19		50	12	46	36	M10*1.0P	3
HSK100A-SPHC12-200	250	200	171	29	140	100	19		50	12	46	36	M10*1.0P	3.2
HSK100A-SPHC12-250	300	250	221	29	190	100	19		50	12	46	36	M10*1.0P	3.4
HSK100A-SPHC12-300	350	300	271	29	240	100	19		50	12	46	36	M10*1.0P	3.6
HSK100A-SPHC14-150	200	150	121	29	90	100	21		50	14	46	36	M10*1.0P	3
HSK100A-SPHC14-200	250	200	171	29	140	100	21		50	14	46	36	M10*1.0P	3.2
HSK100A-SPHC14-250	300	250	221	29	190	100	21		50	14	46	36	M10*1.0P	3.4
HSK100A-SPHC14-300	350	300	271	29	240	100	21		50	14	46	36	M10*1.0P	3.6
HSK100A-SPHC16-150	200	150	121	29	90	100	23		50	16	49	39	M12*1.0P	3.2
HSK100A-SPHC16-200	250	200	171	29	140	100	23		50	16	49	39	M12*1.0P	3.4
HSK100A-SPHC16-250	300	250	221	29	190	100	23		50	16	49	39	M12*1.0P	3.6
HSK100A-SPHC16-300	350	300	271	29	240	100	23		50	16	49	39	M12*1.0P	3.8
HSK100A-SPHC18-150	200	150	121	29	90	100	25		50	18	49	39	M12*1.0P	3.2
HSK100A-SPHC18-200	250	200	171	29	140	100	25		50	18	49	39	M12*1.0P	3.4
HSK100A-SPHC18-250	300	250	221	29	190	100	25		50	18	49	39	M12*1.0P	3.6
HSK100A-SPHC18-300	350	300	271	29	240	100	25		50	18	49	39	M12*1.0P	3.8
HSK100A-SPHC20-150	200	150	121	29	90	100	27		50	20	51	41	M16*1.0P	3.4
HSK100A-SPHC20-200	250	200	171	29	140	100	27		50	20	51	41	M16*1.0P	3.6
HSK100A-SPHC20-250	300	250	221	29	190	100	27		50	20	51	41	M16*1.0P	3.8
HSK100A-SPHC20-300	350	300	271	29	240	100	27		50	20	51	41	M16*1.0P	4

HSK63A-ZPHC 调零液压刀柄 HSK63A-ZPHC ZERO FIT HYDRAULIC TOOL HOLDER



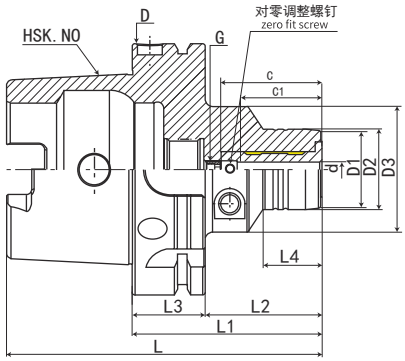


型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
HSK63A-ZPHC05-90	122	90	64	26	44	63	21	25	50	5	*	26	*	1.2
HSK63A-ZPHC06-90	122	90	64	26	44	63	23	26	50	6	41	31	M5*0.8P	1.2
HSK63A-ZPHC08-90	122	90	64	26	44	63	25	28	50	8	41	31	M6*1.0P	1.2
HSK63A-ZPHC10-95	127	95	69	26	50	63	27	30	50	10	48	38	M8*1.0P	1.3
HSK63A-ZPHC12-100	132	100	74	26	55	63	29	32	50	12	53	43	M10*1.0P	1.3
HSK63A-ZPHC16-105	137	105	79	26	61	63	35	38	50	16	58	48	M12*1.0P	1.4
HSK63A-ZPHC20-105	137	105	79	26	63	63	39	42	50	20	58	48	M16*1.0P	1.5
HSK63A-ZPHC25-115	147	115	89	26	89	63	46	50	*	25	67	57	M16*1.0P	2.6
HSK63A-ZPHC32-130	162	130	104	26	104	63	56	60	52.5	30	71	61	M16*1.0P	3.2



HSK100A-ZPHC 调零液压刀柄 HSK100A-ZPHC ZERO FIT HYDRAULIC TOOL HOLDER





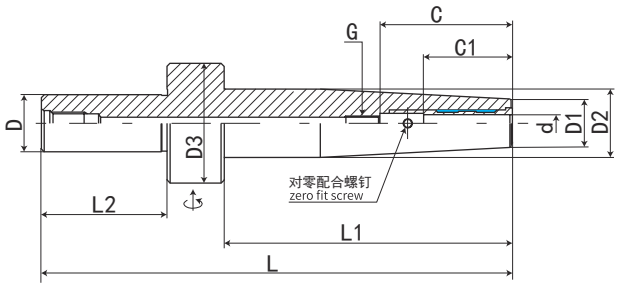
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
HSK100A-ZPHC05-95	145	95	66	29	46	100	22	25	50	5	*	26	*	2.8
HSK100A-ZPHC06-95	145	95	66	29	46	100	23	26	50	6	41	31	M5*0.8P	2.8
HSK100A-ZPHC08-95	145	95	66	29	46	100	25	28	50	8	41	31	M6*1.0P	2.8
HSK100A-ZPHC10-100	150	100	71	29	52	100	27	30	50	10	48	38	M8*1.0P	2.9
HSK100A-ZPHC12-105	155	105	76	29	57	100	29	32	50	12	53	43	M10*1.0P	3
HSK100A-ZPHC16-110	160	110	81	29	63	100	35	38	50	16	58	48	M12*1.0P	3.1
HSK100A-ZPHC20-110	160	110	81	29	64	100	39	42	50	20	58	48	M16*1.0P	3.4
HSK100A-ZPHC25-120	170	120	91	29	72	100	53	57	63	25	67	57	M16*1.0P	3.8
HSK100A-ZPHC32-120	170	120	91	29	72	100	58	63	75	32	71	61	M16*1.0P	4.2

HSK100A - ZPHC - 05 - 95

- 95 → L1 长度 Length（L1）
- 05 → 刀杆直径 Diameter
- ZPHC → 功能代号 Holder type
- HSK100A → 锥柄形式 Taper size

SL-PHC 液压刀柄 SL-PHC HYDRAULIC TOOL HOLDER





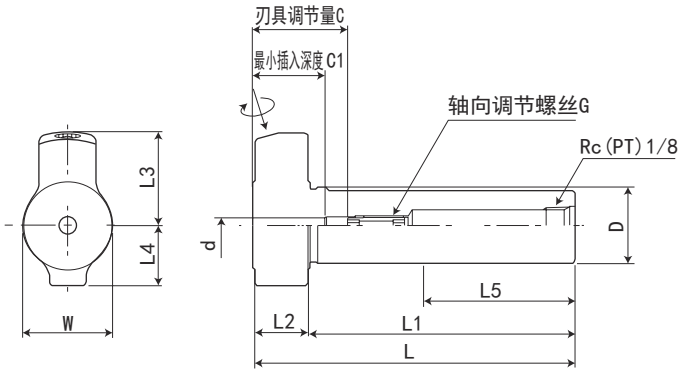
型号 Model	L	L1	L2	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
SL20-PHC06-165	165	101	50	20	16	24	42	6	41	31	M5*0.8P	0.5
SL20-PHC08-165	165	101	50	20	18	26	42	8	41	31	M6*1.0P	0.5
SL20-PHC10-165	165	101	50	20	20	28	42	10	48	38	M8*1.0P	0.6
SL20-PHC12-165	165	101	50	20	22	30	42	12	53	43	M10*1.0P	0.7
SL20-PHC14-165	165	101	50	20	24	32	42	14	53	43	M10*1.0P	0.7
SL20-PHC16-165	165	101	50	20	26	28	42	16	58	48	M12*1.0P	0.8
SL20-PHC18-165	165	101	50	20	28	30	42	18	58	48	M12*1.0P	0.8
SL20-PHC20-165	165	101	50	20	29	31.5	42	20	58	48	M16*1.0P	0.8
SL20-PHC20-215	215	151	50	20	29	31.5	42	20	58	48	M16*1.0P	1.2

SL20 - PHC - 06 - 165

- 165 → L 长度 Length（L）
- 06 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- SL20 → 锥柄形式 Taper size

SL-HDC 走心机液压刀柄 SL-HDC SLIDING HEADSTOCK MACHINE HYDRAULIC TOOL HOLDER





型号 Model	L	L1	L2	L3	L4	W	D	d	刃具调节量 C Tool adjustable size	最少插入深度 C1 Min insertion depth	轴向调节螺丝 G	重量 KGS
SL19.05-HDC3-60*	75	60	15	24.5	15.8	22	19.05	3	20-32	16		0.18
SL19.05-HDC3.175-60*	75	60	15	24.5	15.8	22	19.05	3.175	20-32	16		0.18
SL19.05-HDC4-60	75	60	15	24.5	15.8	22	19.05	4	23-32	19		0.18
SL19.05-HDC6-60	75	60	15	24.5	15.8	22	19.05	6	31-48	25		0.18
SL19.05-HDC8-60X	75	60	15	25.5	15.8	22	19.05	8	65	31		0.17
SL20-HDC3-70*	85	70	15	24.5	15.8	23	20	3	20-32	16		0.22
SL20-HDC4-70	85	70	15	24.5	15.8	23	20	4	23-32	19		0.22
SL20-HDC6-70	85	70	15	24.5	15.8	23	20	6	31-48	25		0.22
SL20-HDC8-70X	85	70	15	25.5	15.8	23	20	8	75	31		0.21
SL22-HDC3-70*	85	70	15	24.5	15.8	25	22	3	20-32	16		0.26
SL22-HDC4-70	85	70	15	24.5	15.8	25	22	4	23-32	19		0.26
SL22-HDC6-70X	85	70	15	24.5	15.8	25	22	6	75	25		0.26
SL22-HDC8-70X	85	70	15	25.5	15.8	25	22	8	75	31		0.25
SL22-HDC10-70X	85	70	15	27	16.8	25	22	10	70	33		0.24
SL25-HDC3-65*	80	65	15	23	14	28	25	3	20-32	16		0.31
SL25-HDC4-65	80	65	15	23	14	28	25	4	23-32	19		0.31
SL25-HDC6-65	80	65	15	24.5	15	28	25	6	31-48	25		0.31
SL25-HDC8-65X	80	65	15	25.5	16	28	25	8	70	31		0.31
SL25-HDC10-65X	80	65	15	27	17	28	25	10	65	33		0.29
SL25-HDC12-65X	80	65	15	28	18	28	25	12	65	36		0.28
SL25.4-HDC3-80*	95	80	15	23	14	28	25.4	3	20-32	16		0.37
SL25.4-HDC4-80	95	80	15	23	14	28	25.4	4	23-32	19		0.37
SL25.4-HDC6-80	95	80	15	24.5	15	28	25.4	6	31-48	25		0.37
SL25.4-HDC8-80X	95	80	15	25.5	16	28	25.4	8	85	31		0.37
SL25.4-HDC10-80X	95	80	15	27	17	28	25.4	10	80	33		0.35
SL25.4-HDC12-80X	95	80	15	28	18	28	25.4	12	80	36		0.33

SL19.05 - HDC - 3 - 60

- 60 → L1 长度 Length (L1)
- 3 → 刀杆直径 Diameter
- HDC → 功能代号 Holder type
- SL19.05 → 锥柄形式 Taper size

SL-HDC 走心机液压刀柄 SL-HDC SLIDING HEADSTOCK MACHINE HYDRAULIC TOOL HOLDER



FIG. 1

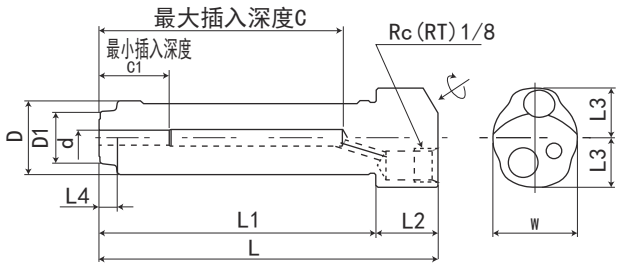
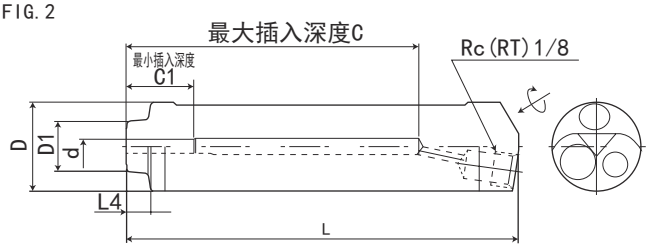


FIG. 2



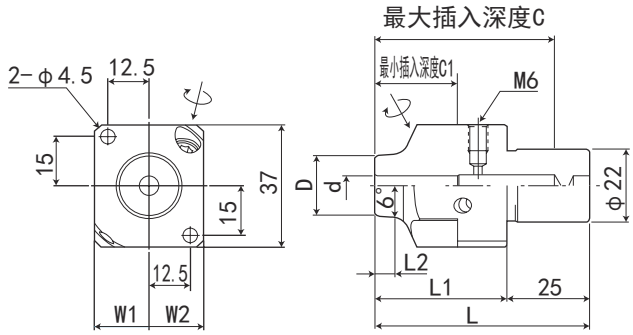
型号 Model	L	L1	L2	L3	L4	W	D	D1	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	FIG	重量 KGS
SL19.05F-HDC3-85*	102	85	17	13.5	5	22	19.05	14	3	76	16	1	0.24
SL19.05F-HDC3.175-85*	102	85	17	13.5	5	22	19.05	14	3.175	76	16	1	0.24
SL19.05F-HDC4-85	102	85	17	13.5	5	22	19.05	14	4	76	19	1	0.24
SL19.05F-HDC6-80	97	80	17	13.5	-	22	19.05	-	6	71	25	1	0.22
SL19.05F-HDC8-80	97	80	17	13.5	-	22	19.05	-	8	71	31	1	0.21
SL20F-HDC3-75*	92	75	17	13.5	5	23	20	14	3	66	16	1	0.24
SL20F-HDC4-75	92	75	17	13.5	5	23	20	14	4	66	19	1	0.24
SL20F-HDC6-70	87	70	17	13.5	-	23	20	-	6	61	25	1	0.22
SL20F-HDC8-70	87	70	17	13.5	-	23	20	-	8	61	31	1	0.21
SL22F-HDC3-75*	92	75	17	13.5	5	25	22	14	3	66	16	1	0.28
SL22F-HDC4-75	92	75	17	13.5	5	25	22	14	4	66	19	1	0.28
SL22F-HDC6-70	87	70	17	13.5	-	25	22	-	6	61	25	1	0.26
SL22F-HDC8-70	87	70	17	13.5	-	25	22	-	8	61	31	1	0.25
SL22F-HDC10-70	87	70	17	13.5	-	25	22	-	10	61	33	1	0.22
SL25F-HDC3-110*	110	-	-	-	7	-	25	14	3	82	16	2	0.37
SL25F-HDC4-110	110	-	-	-	7	-	25	14	4	82	19	2	0.37
SL25F-HDC6-105	105	-	-	-	3	-	25	14	6	77	25	2	0.34
SL25F-HDC8-100	100	-	-	-	3	-	25	17	8	72	31	2	0.31
SL25F-HDC10-95	95	-	-	-	-	-	25	-	10	67	33	2	0.28
SL25F-HDC12-90	90	-	-	-	-	-	25	-	12	61	36	2	0.24
SL25.4F-HDC3-105*	105	-	-	-	7	-	25.4	14	3	77	16	2	0.36
SL25.4F-HDC4-105	105	-	-	-	7	-	25.4	14	4	77	19	2	0.36
SL25.4F-HDC6-100	100	-	-	-	3	-	25.4	14	6	72	25	2	0.34
SL25.4F-HDC8-95	95	-	-	-	3	-	25.4	17	8	67	31	2	0.3
SL25.4F-HDC10-90	90	-	-	-	-	-	25.4	-	10	62	33	2	0.27
SL25.4F-HDC12-85	85	-	-	-	-	-	25.4	-	12	56	36	2	0.24

SL19.05F - HDC - 3 - 85

- 85 → L1 长度 Length (L1)
- 3 → 刀杆直径 Diameter
- HDC → 功能代号 Holder type
- SL19.05F → 锥柄形式 Taper size

SL-HDC 走心机液压刀柄 SL-HDC SLIDING HEADSTOCK MACHINE HYDRAULIC TOOL HOLDER





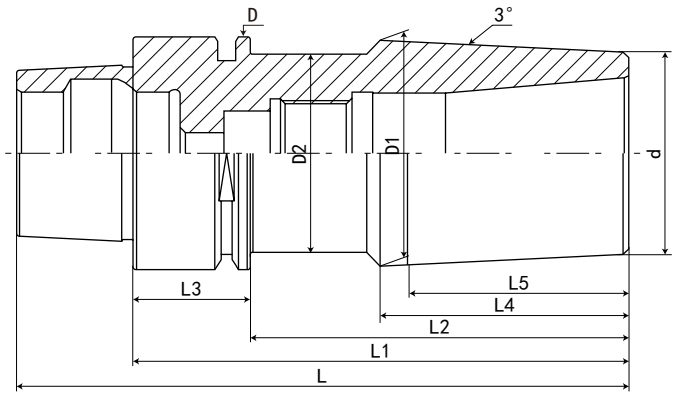
型号 Model	L	L1	L2	W1	W2	D	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	重量 KGS
SL22R-HDC3-40*	65	40	7	16.5	16.5	14	3	35	16	0.34
SL22R-HDC4-40	65	40	9	16.5	16.5	14	4	42	19	0.33
SL22R-HDC6-40	65	40	5	16.5	16.5	18	6	55	25	0.36
SL22R-HDC8-40	65	40	6	16.5	17.5	20	8	54	31	0.36
SL22R-HDC10-40	65	40	6	16.5	17.5	22	10	54	33	0.35

SL22R - HDC - 3 - 40

- 40 → L1 长度 Length (L1)
- 3 → 刀杆直径 Diameter
- HDC → 功能代号 Holder type
- SL22R → 锥柄形式 Taper size

HSK40E-SLK 热缩基础柄 HSK40E-SLK SEMI-FINISHED SHRINK FIT CHUCK

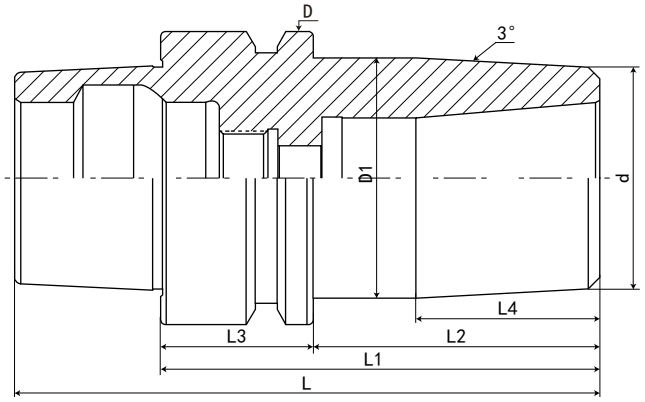




规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	重量 KGS
HSK40E-SLK12-85	105	85	65	20	43	38	40	38	34	34	0.6

HSK50E-SLK 热缩基础柄 HSK50E-SLK SEMI-FINISHED SHRINK FIT CHUCK

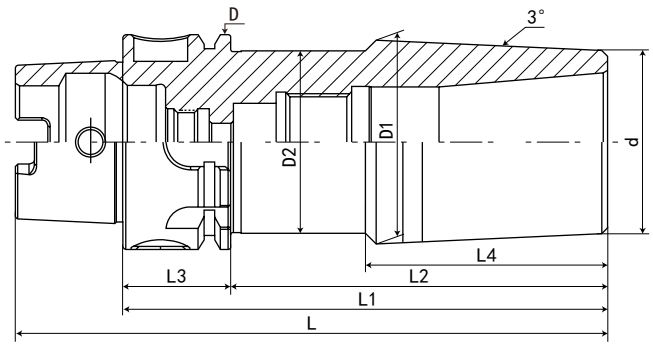




规 格 Model	L	L1	L2	L3	L4	D	D1	d	重量 KGS
HSK50E-SLK12- 75	100	75	49	26	31.5	50	41	38	0.8
HSK50E-SLK12 -120	145	120	94	26	31.5	50	41	38	1.3

HSK40A-SLK 热缩基础柄 HSK40A-SLK SEMI-FINISHED SHRINK FIT CHUCK

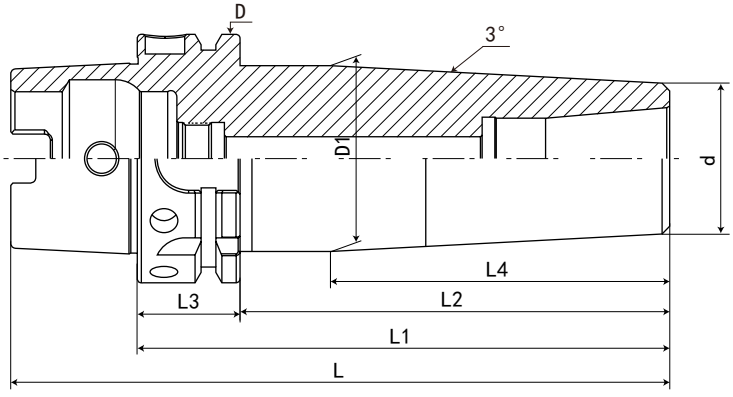




规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	重量 KGS
HSK50A-SLK12-75	110	90	70	20	45	50	38	34	34	

HSK50A-SLK 热缩基础柄 HSK50A-SLK SEMI-FINISHED SHRINK FIT CHUCK





规 格 Model	L	L1	L2	L3	L4	D	D1	d	重量 KGS
HSK50A-SLK12-75	100	75	49	26	31.5	50	41	38	0.8
HSK50A-SLK12-120	145	120	94	26	31.5	50	41	38	1.3

HSK63A-SLK 热缩基础柄 HSK63A-SLK SEMI-FINISHED SHRINK FIT CHUCK



FIG. 1

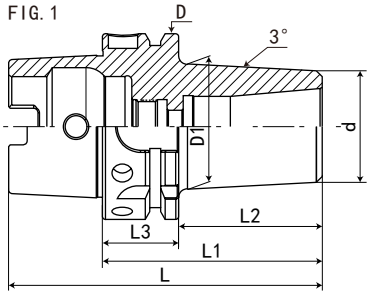




FIG. 2

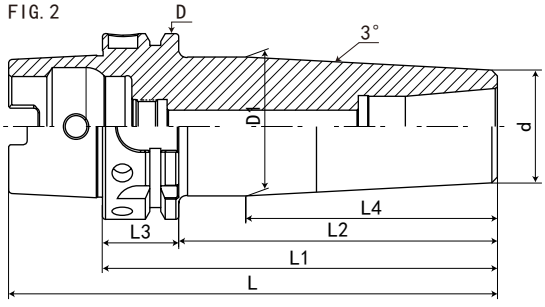
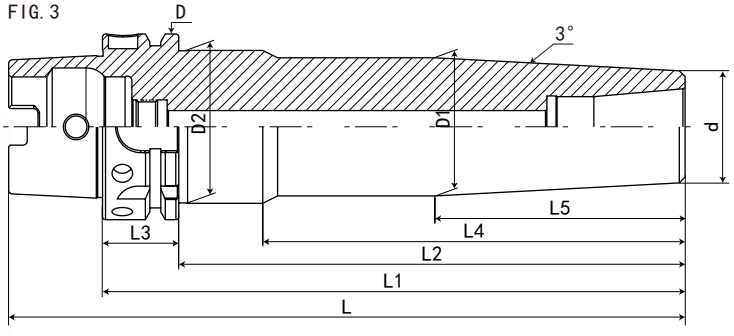




FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	FIG	重量 KGS
HSK63A-SLK12-75	107	75	49	26	-	-	63	42.5	-	38	1	1.2
HSK63A-SLK12-135	167	135	109	26	86	-	63	47	-	38	2	2
HSK63A-SLK12-165	197	165	139	26	86	-	63	47	-	38	2	2.4
HSK63A-SLK12-200	232	200	174	26	145	86	63	47	52	38	3	2.9
HSK63A-SLK12-225	257	225	199	26	145	86	63	47	52	38	3	3.2
HSK63A-SLK12-255	287	255	229	26	175	86	63	47	52	38	3	3.8
HSK63A-SLK12-285	317	285	259	26	205	86	63	47	52	38	3	4.5
HSK63A-SLK12-315	347	315	289	26	235	86	63	47	52	38	3	4.5

HSK100A-SLK 热缩基础柄 HSK100A-SLK SEMI-FINISHED SHRINK FIT CHUCK





FIG. 1

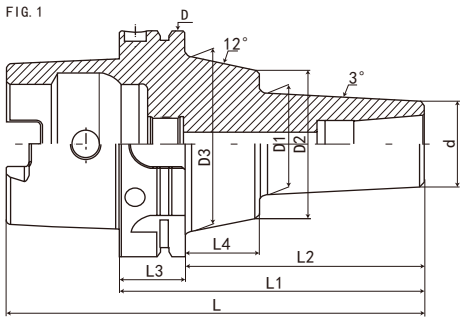
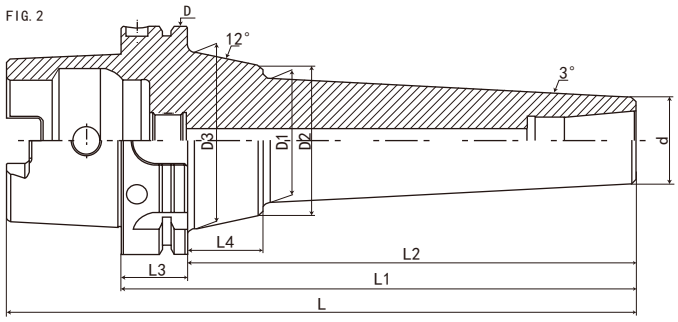


FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	FIG	重量 KGS
HSK100A-SLK12-105	155	105	76	29	33	100	42	65	78	38	1	3.8
HSK100A-SLK12-135	185	135	106	29	33	100	45	65	78	38	1	4.2
HSK100A-SLK12-165	215	165	136	29	33	100	48	65	78	38	2	
HSK100A-SLK12-225	275	225	196	29	33	100	55	65	78	38	2	5.4
HSK100A-SLK12-265	315	265	236	29	33	100	59	65	78	38	2	6.5
HSK100A-SLK12-315	365	315	286	29	33	100	65	65	78	38	2	

热缩延长杆（标准款） HEAT SHRINKABLE EXTENSION ROD (STANDARD)



FIG. 1

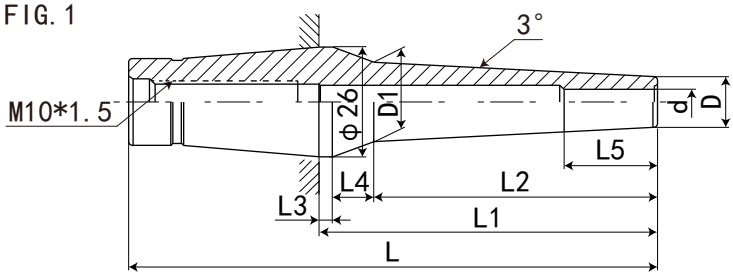
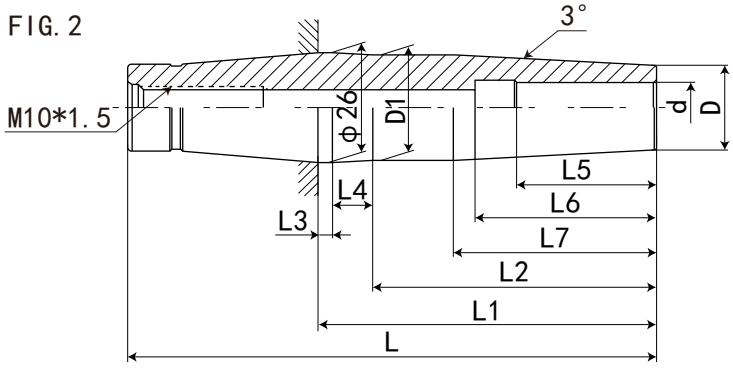
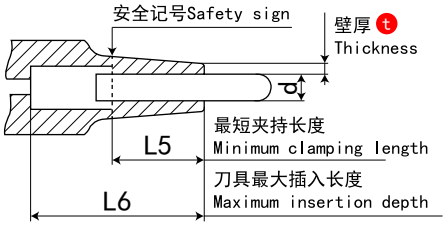




FIG. 2



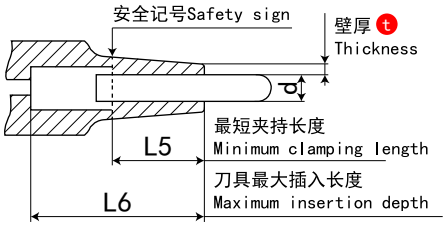


规 格 Model	L	L1	L2	L3	L4	L5	L6	L7	D	D1	d	t	FIG	重量 KGS
CR12-3-35	80	35	22	3.5	9.5	12	-	-	7.5	9.9	3	2.25	1	0.2
CR12-3-55	100	55	42	3.5	9.5	12	-	-	7.5	12	3	2.25	1	0.2
CR12-3-80	125	80	67	3.5	9.5	12	-	-	7.5	14.6	3	2.25	1	0.2
CR12-4-35	80	35	22	3.5	9.5	16	-	-	10	12.4	4	3	1	0.2
CR12-4-55	100	55	42	3.5	9.5	16	-	-	10	14.5	4	3	1	0.2
CR12-4-80	125	80	67	3.5	9.5	16	-	-	10	17.1	4	3	1	0.2
CR12-4-110	155	110	97	3.5	9.5	16	-	-	10	20.2	4	3	1	0.25
CR12-5-35	80	35	22	3.5	9.5	18	-	-	11	13.3	5	3	1	0.2
CR12-5-55	100	55	42	3.5	9.5	18	-	-	11	15.4	5	3	1	0.2
CR12-5-80	125	80	67	3.5	9.5	18	-	-	11	18.1	5	3	1	0.2
CR12-5-110	155	110	97	3.5	9.5	18	-	-	11	21.2	5	3	1	0.25
CR12-6-35	80	35	22	3.5	9.5	23	-	-	12	14.4	6	3	1	0.2
CR12-6-55	100	55	42	3.5	9.5	23	-	-	12	16.5	6	3	1	0.2
CR12-6-80	125	80	67	3.5	9.5	23	-	-	12	19.1	6	3	1	0.2
CR12-6-110	155	110	97	3.5	9.5	23	-	-	12	22.2	6	3	1	0.25
CR12-8-35	80	35	22	3.5	9.5	27	-	-	14	16.4	8	3	1	0.2
CR12-8-55	100	55	42	3.5	9.5	27	-	-	14	18.5	8	3	1	0.2
CR12-8-80	125	80	67	3.5	9.5	27	-	-	14	21.1	8	3	1	0.3
CR12-8-110	155	110	97	3.5	9.5	27	-	-	14	24.2	8	3	1	0.35
CR12-10-35	80	35	22	3.5	9.5	32	42	-	16	18.4	10	3	1	0.2
CR12-10-55	100	55	42	3.5	9.5	32	42	-	16	20.5	10	3	1	0.2
CR12-10-80	125	80	67	3.5	9.5	32	42	-	16	23.1	10	3	1	0.3
CR12-10-110	155	110	97	3.5	9.5	32	42	86	16	25.1	10	3	2	0.35
CR12-12-35	80	35	22	3.5	9.5	37	48	-	20	22.4	12	4	1	0.2
CR12-12-55	100	55	42	3.5	9.5	37	48	-	20	24.5	12	4	1	0.2
CR12-12-80	125	80	67	3.5	9.5	37	48	48	20	25.5	12	4	2	0.3
CR12-12-110	155	110	97	3.5	9.5	37	48	48	20	25.1	12	4	2	0.35

热缩延长杆（薄壁款） HEAT SHRINKABLE EXTENSION ROD (THIN WALL STYLE)







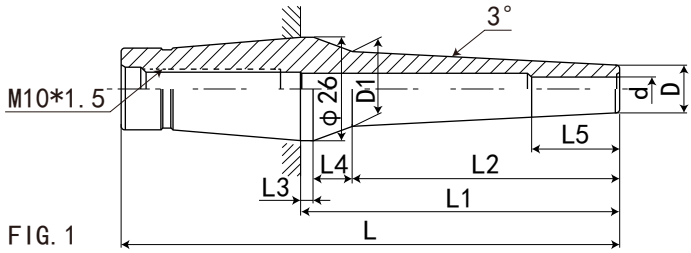


FIG. 1

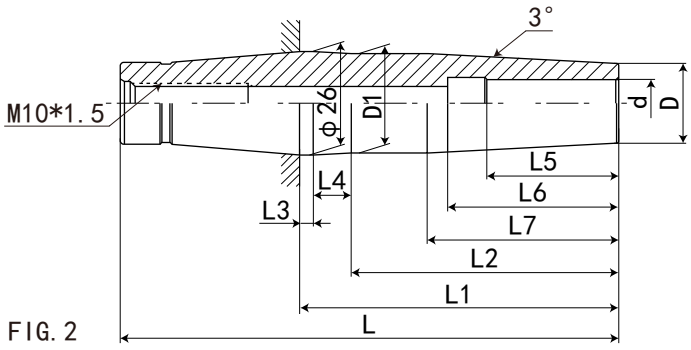


FIG. 2

规 格 Model	L	L1	L2	L3	L4	L5	L6	L7	D	D1	d	t	FIG	重量 KGS
CS12-3-35	80	35	22	3.5	9.5	12	-	-	6	8.4	3	1.5	1	0.2
CS12-3-55	100	55	42	3.5	9.5	12	-	-	6	10.5	3	1.5	1	0.2
CS12-3-80	125	80	67	3.5	9.5	12	-	-	6	13.1	3	1.5	1	0.2
CS12-3-110	155	110	97	3.5	9.5	12	-	-	6	16.2	3	1.5	1	0.25
CS12-4-35	80	35	22	3.5	9.5	16	-	-	7	9.4	4	1.5	1	0.2
CS12-4-55	100	55	42	3.5	9.5	16	-	-	7	11.5	4	1.5	1	0.2
CS12-4-80	125	80	67	3.5	9.5	16	-	-	7	14.1	4	1.5	1	0.2
CS12-4-110	155	110	97	3.5	9.5	16	-	-	7	17.2	4	1.5	1	0.25
CS12-5-35	80	35	22	3.5	9.5	18	-	-	8	10.4	5	1.5	1	0.2
CS12-5-55	100	55	42	3.5	9.5	18	-	-	8	12.5	5	1.5	1	0.2
CS12-5-80	125	80	67	3.5	9.5	18	-	-	8	15.1	5	1.5	1	0.2
CS12-5-110	155	110	97	3.5	9.5	18	-	-	8	18.2	5	1.5	1	0.25
CS12-6-35	80	35	22	3.5	9.5	23	-	-	9	11.4	6	1.5	1	0.2
CS12-6-55	100	55	42	3.5	9.5	23	-	-	9	13.5	6	1.5	1	0.2
CS12-6-80	125	80	67	3.5	9.5	23	-	-	9	16.1	6	1.5	1	0.2
CS12-6-110	155	110	97	3.5	9.5	23	-	-	9	19.2	6	1.5	1	0.25
CS12-7-35	80	35	22	3.5	9.5	25	-	-	10	12.4	7	1.5	1	0.2
CS12-7-55	100	55	42	3.5	9.5	25	-	-	10	14.5	7	1.5	1	0.2
CS12-7-80	125	80	67	3.5	9.5	25	-	-	10	17.1	7	1.5	1	0.2
CS12-7-110	155	110	97	3.5	9.5	25	-	-	10	20.2	7	1.5	1	0.25
CS12-8-35	80	35	22	3.5	9.5	27	-	-	11	13.4	8	1.5	1	0.2
CS12-8-55	100	55	42	3.5	9.5	27	-	-	11	15.5	8	1.5	1	0.2
CS12-8-80	125	80	67	3.5	9.5	27	-	-	11	18.1	8	1.5	1	0.2
CS12-8-110	155	110	97	3.5	9.5	27	-	-	11	21.2	8	1.5	1	0.25
CS12-9-35	80	35	22	3.5	9.5	29	42	-	12	14.4	9	1.5	1	0.2
CS12-9-55	100	55	42	3.5	9.5	29	42	-	12	16.5	9	1.5	1	0.2
CS12-9-80	125	80	67	3.5	9.5	29	42	-	12	19.1	9	1.5	1	0.2
CS12-9-110	155	110	97	3.5	9.5	29	42	-	12	22.2	9	1.5	1	0.25
CS12-10-35	80	35	22	3.5	9.5	32	42	-	13	15.4	10	1.5	1	0.2
CS12-10-55	100	55	42	3.5	9.5	32	42	-	13	17.5	10	1.5	1	0.2
CS12-10-80	125	80	67	3.5	9.5	32	42	-	13	20.1	10	1.5	1	0.2
CS12-10-110	155	110	97	3.5	9.5	32	42	-	13	23.2	10	1.5	1	0.25
CS12-11-35	80	35	22	3.5	9.5	34	44	-	14	16.4	11	1.5	1	0.2
CS12-11-55	100	55	42	3.5	9.5	34	44	-	14	18.5	11	1.5	1	0.2
CS12-11-80	125	80	67	3.5	9.5	34	44	-	14	21.1	11	1.5	1	0.2
CS12-11-110	155	110	97	3.5	9.5	34	44	-	14	24.2	11	1.5	1	0.25
CS12-12-35	80	35	22	3.5	9.5	37	48	-	15	17.4	12	1.5	1	0.2
CS12-12-55	100	55	42	3.5	9.5	37	48	-	15	19.5	12	1.5	1	0.2
CS12-12-80	125	80	67	3.5	9.5	37	48	-	15	22.1	12	1.5	1	0.2
CS12-12-110	155	110	97	3.5	9.5	37	48	95	15	25	12	1.5	2	0.25

HSK32A-SF 热缩刀柄（4.5 度标准型） HSK32A-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）





FIG. 1

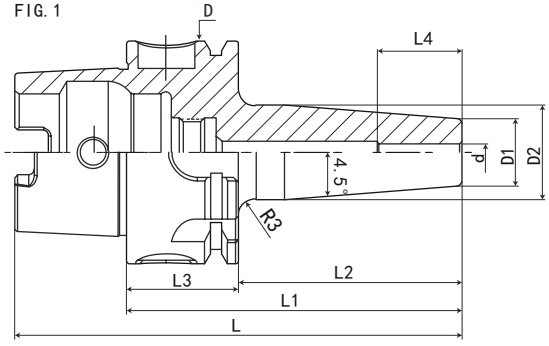
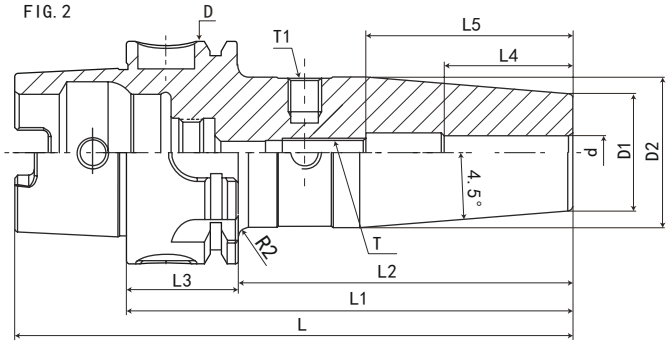


FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	T1	FIG	重量 KGS
HSK32A-SF03-65	81	65	45	20	12	-	32	15	20	3	-	-	1	0.2
HSK32A-SF04-65	81	65	45	20	16	-	32	15	20	4	-	-	1	0.2
HSK32A-SF05-65	81	65	45	20	18	-	32	15	20	5	-	-	1	0.2
HSK32A-SF06-75	91	75	55	20	26	36	32	21	26	6	M5*0.8P	M6*1.0P	2	0.3
HSK32A-SF08-75	91	75	55	20	26	36	32	21	26	8	M6*1.0P	M6*1.0P	2	0.3
HSK32A-SF10-75	91	75	55	20	32	42	32	24	29	10	M8*1.0P	M6*1.0P	2	0.4
HSK32A-SF12-80	96	80	60	20	37	47	32	24	29	12	M10*1.0P	M6*1.0P	2	0.4

HSK40A-SF 热缩刀柄（4.5 度标准型）

HSK40A-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）





FIG. 1

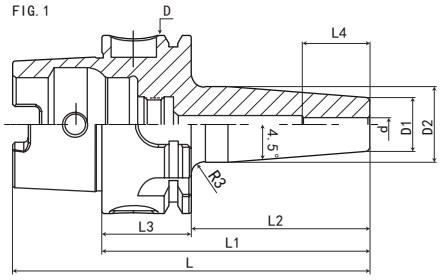
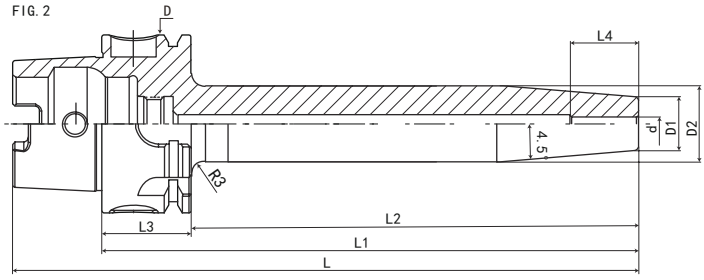


FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	R	FIG	重量 KGS
HSK40A-SF03-60	80	60	40	20	12	40	12	17	-	3	5	1	0.3
HSK40A-SF03-120	140	120	100	20	12	40	12	20	-	3	5	2	0.4
HSK40A-SF03-160	180	160	140	20	12	40	12	20	-	3	5	2	0.5
HSK40A-SF04-60	80	60	40	20	16	40	12	17	-	4	5	1	0.3
HSK40A-SF04-120	140	120	100	20	16	40	15	22	-	4	5	2	0.4
HSK40A-SF04-160	180	160	140	20	16	40	15	22	-	4	5	2	0.5
HSK40A-SF05-60	80	60	40	20	18	40	12	17	-	5	5	1	0.3
HSK40A-SF05-120	140	120	100	20	18	40	15	22	-	5	5	2	0.4
HSK40A-SF05-160	180	160	140	20	18	40	15	22	-	5	5	2	0.5

HSK40A-SF 热缩刀柄（4.5 度标准型） HSK40A-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）





FIG. 1

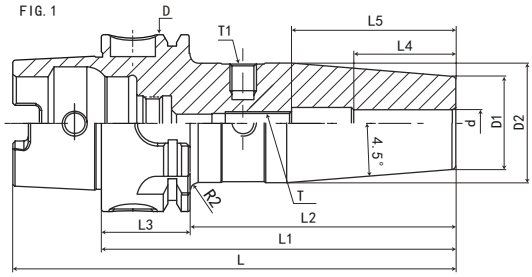
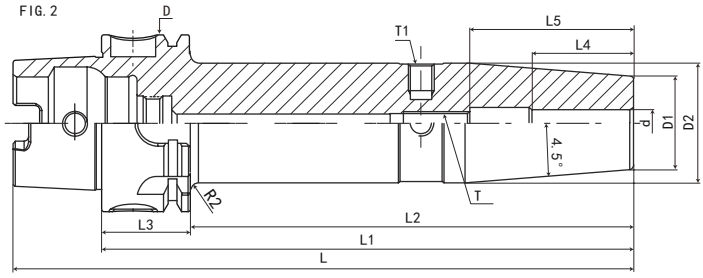


FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	T1	FIG	重量 KGS
HSK40A-SF06-80	100	80	60	20	26	36	40	21	27	6	M5*0.8P	M6*1.0P	1	0.4
HSK40A-SF06-120	140	120	100	20	26	36	40	21	27	6	M5*0.8P	M6*1.0P	2	0.6
HSK40A-SF06-160	180	160	140	20	26	36	40	21	27	6	M5*0.8P	M6*1.0P	2	0.7
HSK40A-SF08-80	100	80	60	20	26	36	40	21	27	8	M6*1.0P	M6*1.0P	1	0.4
HSK40A-SF08-120	140	120	100	20	26	36	40	21	27	8	M6*1.0P	M6*1.0P	2	0.6
HSK40A-SF08-160	180	160	140	20	26	36	40	21	27	8	M6*1.0P	M6*1.0P	2	0.7
HSK40A-SF10-80	100	80	60	20	32	42	40	24	32	10	M8*1.0P	M6*1.0P	1	0.5
HSK40A-SF10-120	140	120	100	20	32	42	40	24	32	10	M8*1.0P	M6*1.0P	2	0.7
HSK40A-SF10-160	180	160	140	20	32	42	40	24	32	10	M8*1.0P	M6*1.0P	2	0.8
HSK40A-SF12-90	110	90	70	20	37	47	40	24	32	12	M10*1.0P	M6*1.0P	1	0.5
HSK40A-SF12-120	140	120	100	20	37	47	40	24	32	12	M10*1.0P	M6*1.0P	2	0.7
HSK40A-SF12-160	180	160	140	20	37	47	40	24	32	12	M10*1.0P	M6*1.0P	2	0.8
HSK40A-SF14-90	110	90	70	20	37	47	40	27	34	14	M10*1.0P	M6*1.0P	1	0.6
HSK40A-SF14-120	140	120	100	20	37	47	40	27	34	14	M10*1.0P	M6*1.0P	2	0.8
HSK40A-SF14-160	180	160	140	20	37	47	40	27	34	14	M10*1.0P	M6*1.0P	2	0.9
HSK40A-SF16-90	110	90	70	20	40	50	40	27	34	16	M12*1.0P	M6*1.0P	1	0.5
HSK40A-SF16-120	140	120	100	20	40	50	40	27	34	16	M12*1.0P	M6*1.0P	2	0.7
HSK40A-SF16-160	180	160	140	20	40	50	40	27	34	16	M12*1.0P	M6*1.0P	2	0.8

HSK50A-SF 热缩刀柄（4.5 度标准型）

HSK50A-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）



FIG. 1

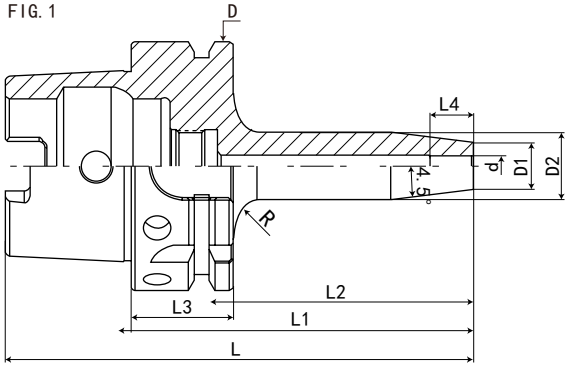
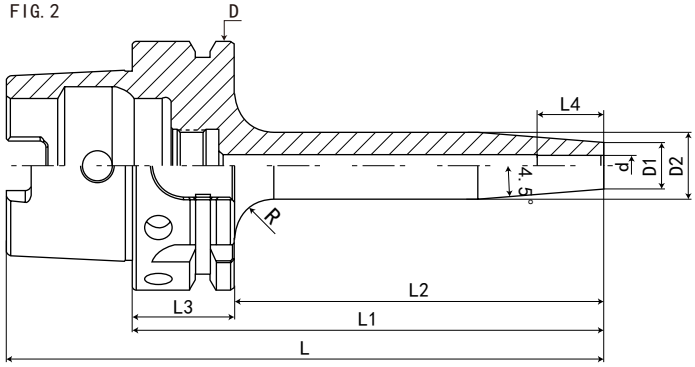




FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	R	FIG	重量 KGS
HSK50A-SF03-80	105	80	54	26	12	50	12	17	-	3	5	1	0.4
HSK50A-SF03-120	145	120	94	26	12	50	12	20	-	3	5	2	0.5
HSK50A-SF03-160	185	160	134	26	12	50	12	20	-	3	5	2	0.6
HSK50A-SF04-80	105	80	54	26	16	50	12	17	-	4	5	1	0.5
HSK50A-SF04-120	145	120	94	26	16	50	15	22	-	4	5	2	0.6
HSK50A-SF04-160	185	160	134	26	16	50	15	22	-	4	5	2	0.7
HSK50A-SF05-80	105	80	54	26	18	50	12	17	-	5	5	1	0.5
HSK50A-SF05-120	145	120	94	26	18	50	15	22	-	5	5	2	0.6
HSK50A-SF05-160	185	160	134	26	18	50	15	22	-	5	5	2	0.7

HSK50A-SF 热缩刀柄（4.5 度标准型） HSK50A-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）





FIG. 1

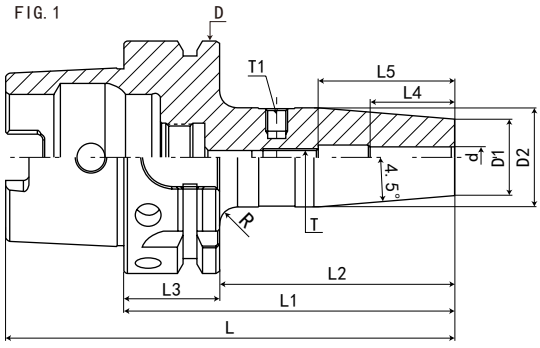
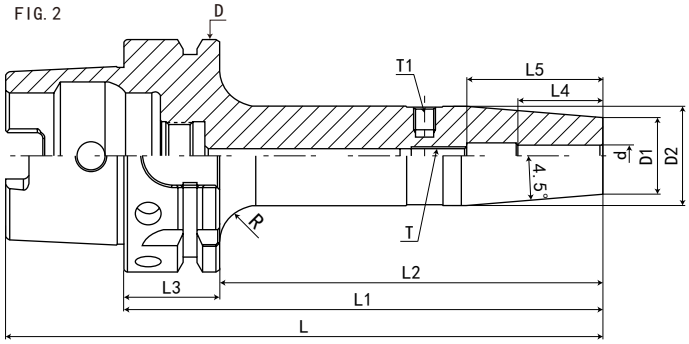


FIG. 2



规格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	T1	FIG	重量 KGS
HSK50A-SF06-80	105	80	54	26	26	36	50	21	27	6	M5*0.8P	M6*1.0P	1	0.7
HSK50A-SF06-120	145	120	94	26	26	36	50	21	27	6	M5*0.8P	M6*1.0P	2	0.8
HSK50A-SF06-160	185	160	134	26	26	36	50	21	27	6	M5*0.8P	M6*1.0P	2	0.9
HSK50A-SF08-80	105	80	54	26	26	36	50	21	27	8	M6*1.0P	M6*1.0P	1	0.6
HSK50A-SF08-120	145	120	94	26	26	36	50	21	27	8	M6*1.0P	M6*1.0P	2	0.8
HSK50A-SF08-160	185	160	134	26	26	36	50	21	27	8	M6*1.0P	M6*1.0P	2	0.9
HSK50A-SF10-85	110	85	59	26	32	42	50	24	32	10	M8*1.0P	M6*1.0P	1	0.7
HSK50A-SF10-120	145	120	94	26	32	42	50	24	32	10	M8*1.0P	M6*1.0P	2	0.8
HSK50A-SF10-160	185	160	134	26	32	42	50	24	32	10	M8*1.0P	M6*1.0P	2	0.9
HSK50A-SF12-90	115	90	64	26	37	47	50	24	32	12	M10*1.0P	M6*1.0P	1	0.7
HSK50A-SF12-120	145	120	94	26	37	47	50	24	32	12	M10*1.0P	M6*1.0P	2	0.8
HSK50A-SF12-160	185	160	134	26	37	47	50	24	32	12	M10*1.0P	M6*1.0P	2	0.9
HSK50A-SF14-90	115	90	64	26	37	47	50	27	34	14	M10*1.0P	M6*1.0P	1	0.7
HSK50A-SF14-120	145	120	94	26	37	47	50	27	34	14	M10*1.0P	M6*1.0P	2	0.8
HSK50A-SF14-160	185	160	134	26	37	47	50	27	34	14	M10*1.0P	M6*1.0P	2	0.9
HSK50A-SF16-95	120	95	69	26	40	50	50	27	34	16	M12*1.0P	M6*1.0P	1	0.7
HSK50A-SF16-120	145	120	94	26	40	50	50	27	34	16	M12*1.0P	M6*1.0P	2	0.8
HSK50A-SF16-160	185	160	134	26	40	50	50	27	34	16	M12*1.0P	M6*1.0P	2	0.9
HSK50A-SF16-200	185	160	134	26	40	50	50	27	34	16	M12*1.0P	M6*1.0P	2	0.9
HSK50A-SF18-95	120	95	69	26	40	50	50	33	42	18	M12*1.0P	M6*1.0P	1	0.9
HSK50A-SF18-120	145	120	94	26	40	50	50	33	42	18	M12*1.0P	M6*1.0P	2	1
HSK50A-SF18-160	185	160	134	26	40	50	50	33	42	18	M12*1.0P	M6*1.0P	2	1.1
HSK50A-SF18-200	185	160	134	26	40	50	50	33	42	18	M12*1.0P	M6*1.0P	2	1.1
HSK50A-SF20-100	125	100	74	26	42	52	50	33	42	20	M16*1.0P	M6*1.0P	1	0.9
HSK50A-SF20-120	145	120	94	26	42	52	50	33	42	20	M16*1.0P	M6*1.0P	2	1
HSK50A-SF20-160	185	160	134	26	42	52	50	33	42	20	M16*1.0P	M6*1.0P	2	1.1

HSK63A-SF 热缩刀柄（4.5 度标准型）

HSK63A-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）



FIG. 1

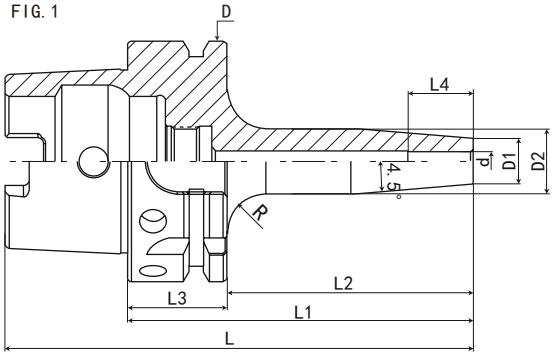
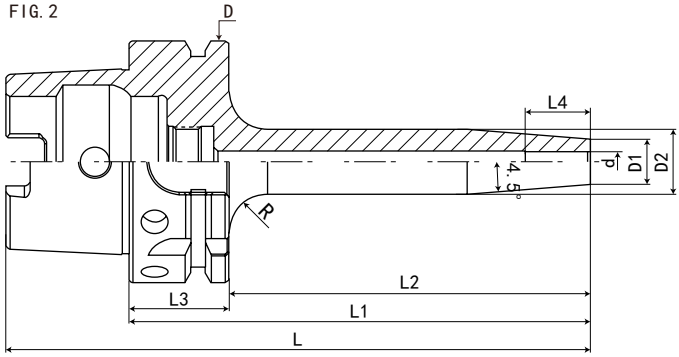




FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	R	FIG	重量 KGS
HSK63A-SF03-80	112	80	54	26	12	63	12	17	-	3	5	1	0.7
HSK63A-SF03-120	152	120	94	26	12	63	12	20	-	3	5	2	1.1
HSK63A-SF03-160	192	160	134	26	12	63	12	20	-	3	5	2	1.3
HSK63A-SF04-80	112	80	54	26	16	63	12	17	-	4	5	1	0.7
HSK63A-SF04-120	152	120	94	26	16	63	15	22	-	4	5	2	1.1
HSK63A-SF04-160	192	160	134	26	16	63	15	22	-	4	5	2	1.3
HSK63A-SF05-80	112	80	54	26	18	63	12	17	-	5	5	1	0.7
HSK63A-SF05-120	152	120	94	26	18	63	15	22	-	5	5	2	1.1
HSK63A-SF05-160	192	160	134	26	18	63	15	22	-	5	5	2	1.3

HSK63A-SF 热缩刀柄（4.5 度标准型） HSK63A-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）



FIG. 1

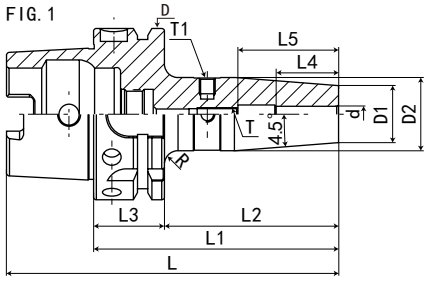




FIG. 2

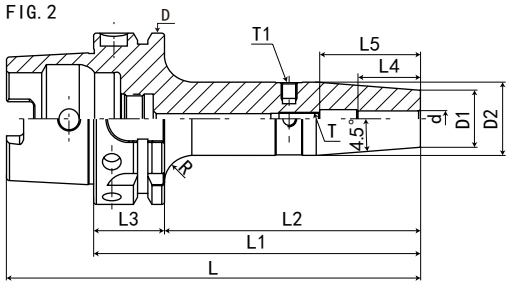
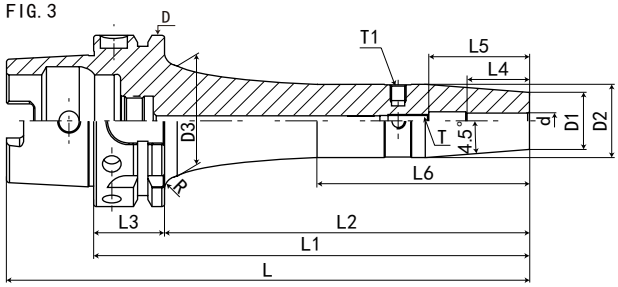




FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
HSK63A-SF06-80	112	80	54	26	26	36	-	63	21	27	-	6	M5*0.8P	M6*1.0P	3	1	0.8
HSK63A-SF06-120	152	120	94	26	26	36	-	63	21	27	-	6	M5*0.8P	M6*1.0P	10	2	1.1
HSK63A-SF06-160	192	160	134	26	26	36	79	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	1.4
HSK63A-SF06-200	232	200	174	26	26	36	119	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	1.8
HSK63A-SF06-250	282	250	224	26	26	36	169	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	2.2
HSK63A-SF06-300	332	300	274	26	26	36	219	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	2.6
HSK63A-SF08-80	112	80	54	26	26	36	-	63	21	27	-	8	M6*1.0P	M6*1.0P	3	1	0.8
HSK63A-SF08-120	152	120	94	26	26	36	-	63	21	27	-	8	M6*1.0P	M6*1.0P	10	2	1.1
HSK63A-SF08-160	192	160	134	26	26	36	79	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	1.4
HSK63A-SF08-200	232	200	174	26	26	36	119	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	1.8
HSK63A-SF08-250	282	250	224	26	26	36	169	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	2.2
HSK63A-SF08-300	332	300	274	26	26	36	219	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	2.6
HSK63A-SF10-85	117	85	59	26	32	42	-	63	24	32	-	10	M8*1.0P	M6*1.0P	2	1	0.9
HSK63A-SF10-120	152	120	94	26	32	42	-	63	24	32	-	10	M8*1.0P	M6*1.0P	8	2	1.2
HSK63A-SF10-160	192	160	134	26	32	42	79	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	1.5
HSK63A-SF10-200	232	200	174	26	32	42	119	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	1.9
HSK63A-SF10-250	282	250	224	26	32	42	169	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	2.3
HSK63A-SF10-300	332	300	274	26	32	42	219	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	2.7
HSK63A-SF12-90	122	90	64	26	37	47	-	63	24	32	-	12	M10*1.0P	M6*1.0P	3	1	0.9
HSK63A-SF12-120	152	120	94	26	37	47	-	63	24	32	-	12	M10*1.0P	M6*1.0P	8	2	1.2
HSK63A-SF12-160	192	160	134	26	37	47	79	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	1.5
HSK63A-SF12-200	232	200	174	26	37	47	119	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	1.9
HSK63A-SF12-250	282	250	224	26	37	47	169	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	2.3
HSK63A-SF12-300	332	300	274	26	37	47	219	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	2.7
HSK63A-SF14-90	122	90	64	26	37	47	-	63	27	34	-	14	M10*1.0P	M6*1.0P	3	1	0.9
HSK63A-SF14-120	152	120	94	26	37	47	-	63	27	34	-	14	M10*1.0P	M6*1.0P	8	2	1.2
HSK63A-SF14-160	192	160	134	26	37	47	78	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	1.5
HSK63A-SF14-200	232	200	174	26	37	47	118	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	1.9
HSK63A-SF14-250	282	250	224	26	37	47	168	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	2.3
HSK63A-SF14-300	332	300	274	26	37	47	218	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	2.7

HSK63A-SF 热缩刀柄（4.5 度标准型）

HSK63A-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）







FIG. 1

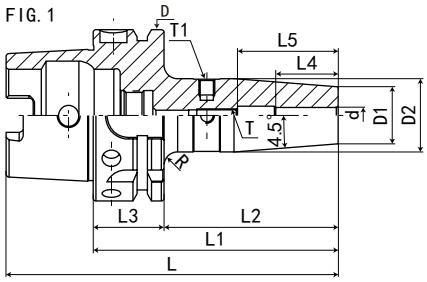


FIG. 2

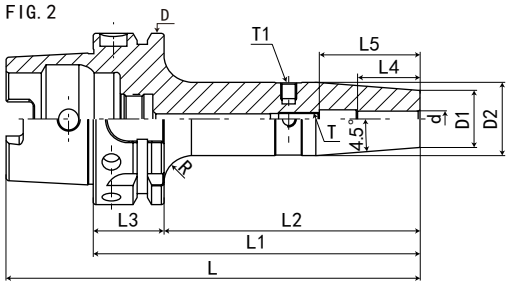
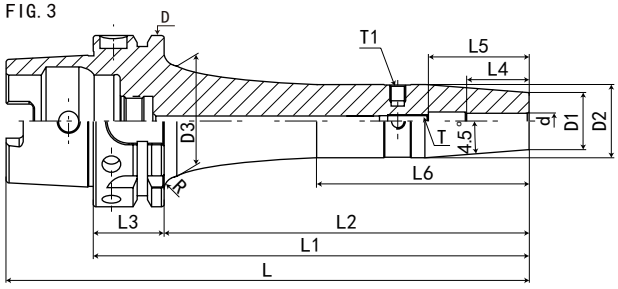


FIG. 3



规格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
HSK63A-SF16-95	127	95	69	26	40	50	-	63	27	34	-	16	M12*1.0P	M6*1.0P	3	1	0.9
HSK63A-SF16-120	152	120	94	26	40	50	-	63	27	34	-	16	M12*1.0P	M6*1.0P	8	2	1.2
HSK63A-SF16-160	192	160	134	26	40	50	78	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	1.5
HSK63A-SF16-200	232	200	174	26	40	50	118	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	1.9
HSK63A-SF16-250	282	250	224	26	40	50	168	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	2.3
HSK63A-SF16-300	332	300	274	26	40	50	218	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	2.7
HSK63A-SF18-95	127	95	69	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	4	1	1.1
HSK63A-SF18-120	152	120	94	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	1.3
HSK63A-SF18-160	192	160	134	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	1.6
HSK63A-SF18-200	232	200	174	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	2.1
HSK63A-SF18-250	282	250	224	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	2.6
HSK63A-SF18-300	332	300	274	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	3.1
HSK63A-SF20-100	132	100	74	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	1	1.1
HSK63A-SF20-120	152	120	94	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	1.3
HSK63A-SF20-160	192	160	134	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	1.6
HSK63A-SF20-200	232	200	174	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	2.1
HSK63A-SF20-250	282	250	224	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	2.6
HSK63A-SF20-300	332	300	274	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	3.1
HSK63A-SF25-115	147	115	89	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	1	1	1.9
HSK63A-SF25-130	162	130	104	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	1	2	2.1
HSK63A-SF25-160	192	160	134	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	1	2	2.2
HSK63A-SF25-200	232	200	174	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	1	2	2.6
HSK63A-SF25-250	282	250	224	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	1	2	3
HSK63A-SF25-300	332	300	274	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	1	2	3.4
HSK63A-SF32-120	152	120	94	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	1	1	1.9
HSK63A-SF32-130	162	130	104	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	1	2	2.2
HSK63A-SF32-160	192	160	134	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	1	2	2.3
HSK63A-SF32-200	232	200	174	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	1	2	2.7
HSK63A-SF32-250	282	250	224	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	1	2	3.1
HSK63A-SF32-300	332	300	274	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	1	2	3.4

HSK80A-SF 热缩刀柄（4.5 度标准型） HSK80A-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）







FIG. 1

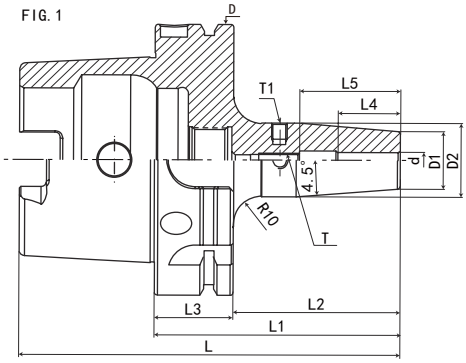


FIG. 2

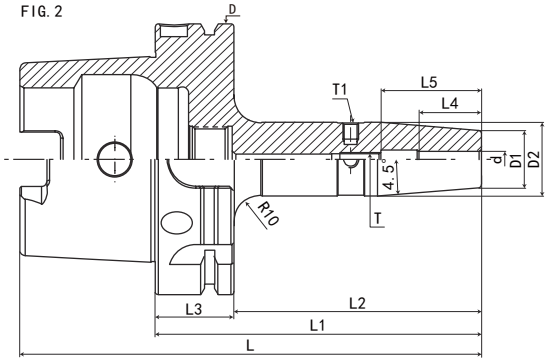
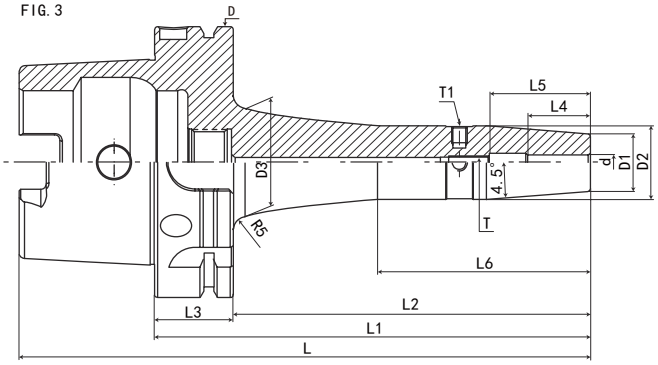


FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	FIG	重量 KGS
HSK80A-SF06-85	125	85	59	26	26	36	-	100	21	27	-	6	M5*0.8P	M6*1.0P	1	1.4
HSK80A-SF06-120	160	120	94	26	26	36	-	100	21	27	-	6	M5*0.8P	M6*1.0P	2	1.5
HSK80A-SF06-160	200	160	134	26	26	36	78	100	21	27	41	6	M5*0.8P	M6*1.0P	3	2.1
HSK80A-SF06-200	240	200	174	26	26	36	118	100	21	27	41	6	M5*0.8P	M6*1.0P	3	2.2
HSK80A-SF08-85	125	85	59	26	26	36	-	100	21	27	-	8	M6*1.0P	M6*1.0P	1	1.4
HSK80A-SF08-120	160	120	95	26	26	36	-	100	21	27	-	8	M6*1.0P	M6*1.0P	2	1.5
HSK80A-SF08-160	200	160	134	26	26	36	78	100	21	27	41	8	M6*1.0P	M6*1.0P	3	2.1
HSK80A-SF08-200	240	200	174	26	26	36	118	100	21	27	41	8	M6*1.0P	M6*1.0P	3	2.2
HSK80A-SF10-90	130	90	64	26	32	42	-	100	24	32	-	10	M8*1.0P	M6*1.0P	1	1.5
HSK80A-SF10-120	160	120	94	26	32	42	-	100	24	32	-	10	M8*1.0P	M6*1.0P	2	1.6
HSK80A-SF10-160	200	160	134	26	32	42	78	100	24	32	40	10	M8*1.0P	M6*1.0P	3	2.1
HSK80A-SF10-200	240	200	174	26	32	42	118	100	24	32	40	10	M8*1.0P	M6*1.0P	3	2.3
HSK80A-SF12-95	135	95	69	26	37	47	-	100	24	32	-	12	M10*1.0P	M6*1.0P	1	1.5
HSK80A-SF12-120	160	120	94	26	37	47	-	100	24	32	-	12	M10*1.0P	M6*1.0P	2	1.6
HSK80A-SF12-160	200	160	134	26	37	47	78	100	24	32	40	12	M10*1.0P	M6*1.0P	3	2.1
HSK80A-SF12-200	240	200	174	26	37	47	118	100	24	32	40	12	M10*1.0P	M6*1.0P	3	2.3
HSK80A-SF14-95	135	95	69	26	37	47	-	100	27	34	-	14	M10*1.0P	M6*1.0P	1	1.5
HSK80A-SF14-120	160	120	94	26	37	47	-	100	27	34	-	14	M10*1.0P	M6*1.0P	2	1.7
HSK80A-SF14-160	200	160	134	26	37	47	78	100	27	34	42	14	M10*1.0P	M6*1.0P	3	2.1
HSK80A-SF14-200	240	200	174	26	37	47	118	100	27	34	42	14	M10*1.0P	M6*1.0P	3	2.2

HSK80A-SF 热缩刀柄（4.5 度标准型）

HSK80A-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）



FIG. 1

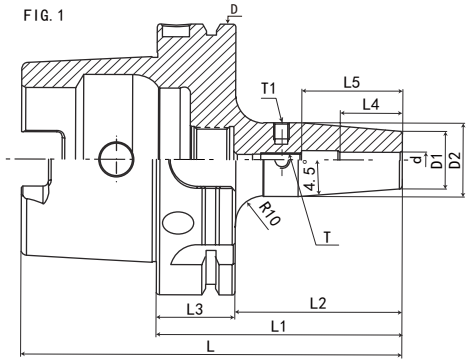




FIG. 2

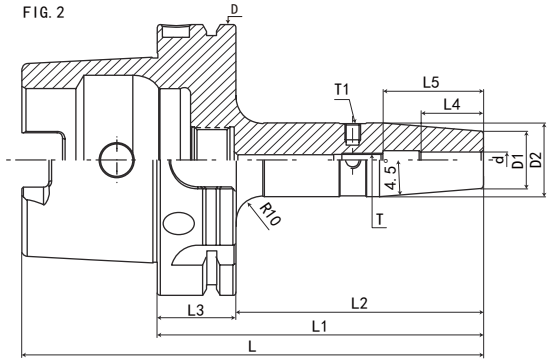
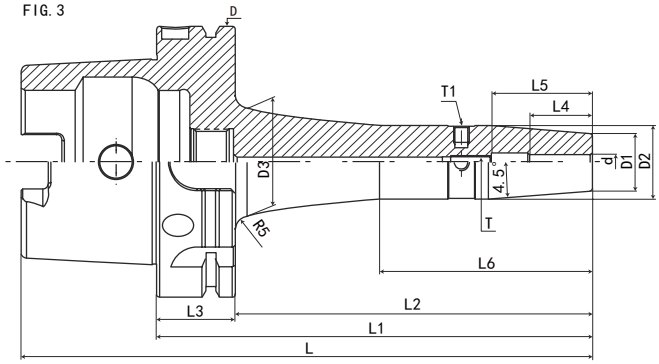




FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	FIG	重量 KGS
HSK80A-SF16-100	140	100	74	26	40	50	-	80	27	34	-	16	M12*1.0P	M6*1.0P	1	1.5
HSK80A-SF16-120	160	120	94	26	40	50	-	80	27	34	-	16	M12*1.0P	M6*1.0P	2	1.8
HSK80A-SF16-160	200	160	134	26	40	50	66	80	27	34	44	16	M12*1.0P	M6*1.0P	3	2.1
HSK80A-SF16-200	240	200	174	26	40	50	101	80	27	34	46	16	M12*1.0P	M6*1.0P	3	2.2
HSK80A-SF18-100	140	100	74	26	40	50	-	80	33	42	-	18	M12*1.0P	M6*1.0P	1	1.6
HSK80A-SF18-120	160	120	94	26	40	50	-	80	33	42	-	18	M12*1.0P	M6*1.0P	2	1.9
HSK80A-SF18-160	200	160	134	26	40	50	-	80	33	42	-	18	M12*1.0P	M6*1.0P	3	2.2
HSK80A-SF18-200	240	200	174	26	40	50	-	80	33	42	-	18	M12*1.0P	M6*1.0P	3	2.6
HSK80A-SF20-105	145	105	79	26	42	52	-	80	33	42	-	20	M16*1.0P	M6*1.0P	1	1.6
HSK80A-SF20-120	160	120	94	26	42	52	-	80	33	42	-	20	M16*1.0P	M6*1.0P	2	2.1
HSK80A-SF20-160	200	160	134	26	42	52	-	80	33	42	-	20	M16*1.0P	M6*1.0P	3	2.3
HSK80A-SF20-200	240	200	174	26	42	52	-	80	33	42	-	20	M16*1.0P	M6*1.0P	3	2.7
HSK80A-SF25-115	155	115	89	26	48	58	-	80	44	53	-	25	M16*1.0P	M6*1.0P	1	2.5
HSK80A-SF25-160	200	160	134	26	48	58	-	80	44	53	-	25	M16*1.0P	M6*1.0P	3	2.8
HSK80A-SF25-200	240	200	174	26	48	58	-	80	44	53	-	25	M16*1.0P	M6*1.0P	3	3.6
HSK80A-SF32-120	160	120	94	26	52	62	-	80	44	53	-	32	M16*1.0P	M6*1.0P	1	2.5
HSK80A-SF32-160	200	160	134	26	52	62	-	80	44	53	-	32	M16*1.0P	M6*1.0P	3	3.2
HSK80A-SF32-200	240	200	174	26	52	62	-	80	44	53	-	32	M16*1.0P	M6*1.0P	3	3.5

HSK100A-SF 热缩刀柄（4.5 度标准型） HSK100A-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）



FIG. 1

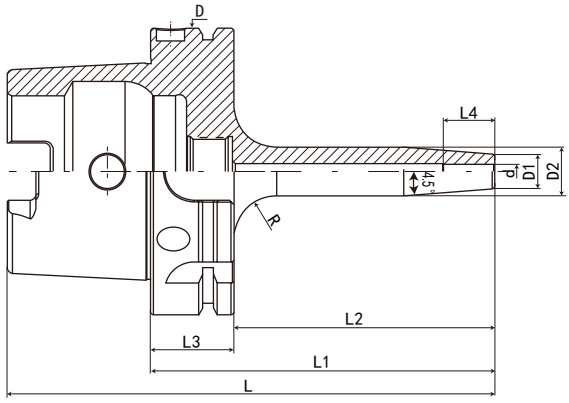
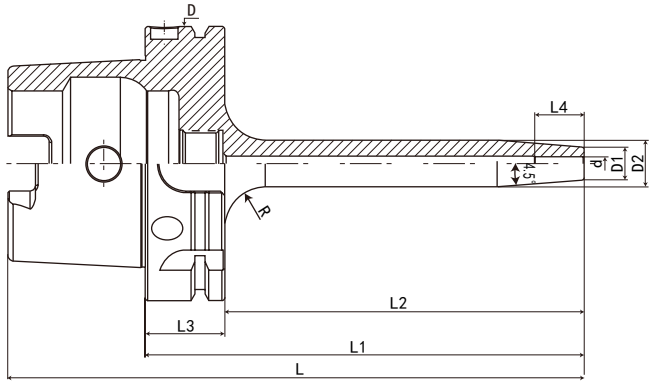




FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
HSK100A-SF03- 85	135	85	56	29	12	100	12	17	3	10	1	2.2
HSK100A-SF03-120	170	120	91	29	12	100	12	20	3	10	2	2.5
HSK100A-SF03-160	210	160	131	29	12	100	12	20	3	10	2	2.8
HSK100A--SF04- 85	135	85	56	29	16	100	12	17	4	10	1	2.2
HSK100A--SF04-120	170	120	91	29	16	100	15	22	4	10	2	2.5
HSK100A--SF04-160	210	160	131	29	16	100	15	22	4	10	2	2.8
HSK100A--SF05- 85	135	85	56	29	18	100	12	17	5	10	1	2.2
HSK100A--SF05-120	170	120	91	29	18	100	15	22	5	10	2	2.5
HSK100A--SF05-160	210	160	131	29	18	100	15	22	5	10	2	2.8

HSK100A-SF 热缩刀柄（4.5 度标准型）

HSK100A-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）







FIG. 1

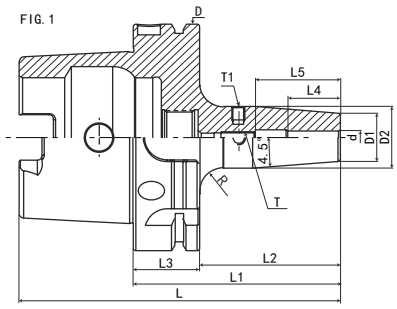


FIG. 2

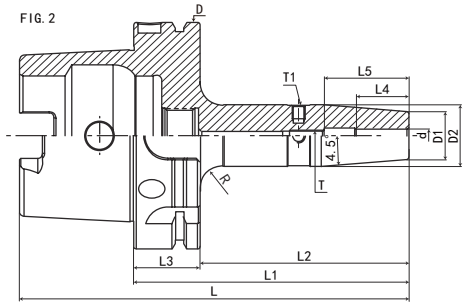
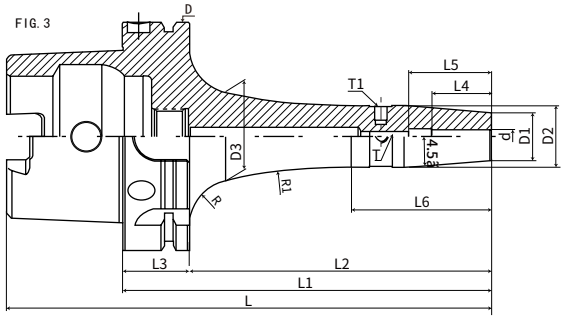


FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
HSK100A-SF06-85	135	85	56	29	26	36	-	100	21	27	-	6	M5*0.8P	M6*1.0P	7	1	2.2
HSK100A-SF06-120	170	120	91	29	26	36	-	100	21	27	-	6	M5*0.8P	M6*1.0P	10	2	2.5
HSK100A-SF06-160	210	160	131	29	26	36	61	100	21	27	39	6	M5*0.8P	M6*1.0P	20	3	2.8
HSK100A-SF06-200	250	200	171	29	26	36	101	100	21	27	39	6	M5*0.8P	M6*1.0P	20	3	3.2
HSK100A-SF06-250	300	250	221	29	26	36	151	100	21	27	39	6	M5*0.8P	M6*1.0P	20	3	3.6
HSK100A-SF06-300	350	300	271	29	26	36	201	100	21	27	39	6	M5*0.8P	M6*1.0P	20	3	4
HSK100A-SF08-85	135	85	56	29	26	36	-	100	21	27	-	8	M6*1.0P	M6*1.0P	7	1	2.2
HSK100A-SF08-120	170	120	91	29	26	36	-	100	21	27	-	8	M6*1.0P	M6*1.0P	10	2	2.5
HSK100A-SF08-160	210	160	131	29	26	36	61	100	21	27	39	8	M6*1.0P	M6*1.0P	20	3	2.8
HSK100A-SF08-200	250	200	171	29	26	36	101	100	21	27	39	8	M6*1.0P	M6*1.0P	20	3	3.2
HSK100A-SF08-250	300	250	221	29	26	36	151	100	21	24	39	5	M6*1.0P	M6*1.0P	20	3	3.6
HSK100A-SF08-300	350	300	271	29	26	36	201	100	21	24	39	5	M6*1.0P	M6*1.0P	20	3	4
HSK100A-SF10-90	140	90	61	29	32	42	-	100	24	32	-	10	M8*1.0P	M6*1.0P	5	1	2.3
HSK100A-SF10-120	170	120	91	29	32	42	-	100	24	32	-	10	M8*1.0P	M6*1.0P	10	2	2.6
HSK100A-SF10-160	210	160	131	29	32	42	72	100	24	32	39	10	M8*1.0P	M6*1.0P	20	3	2.9
HSK100A-SF10-200	250	200	171	29	32	42	101	100	24	32	44	10	M8*1.0P	M6*1.0P	20	3	3.3
HSK100A-SF10-250	300	250		29	32	41	151	100	24	32	44	10	M8*1.0P	M6*1.0P	20	3	3.7
HSK100A-SF10-300	350	300	271	29	26	41	201	100	24	32	44	10	M8*1.0P	M6*1.0P	20	3	4.1
HSK100A-SF12-95	145	95	66	29	37	47	-	100	24	32	-	12	M10*1.0P	M6*1.0P	5	1	2.3
HSK100A-SF12-120	170	120	91	29	37	47	-	100	24	32	-	12	M10*1.0P	M6*1.0P	10	2	2.6
HSK100A-SF12-160	210	160	131	29	37	47	72	100	24	32	39	12	M10*1.0P	M6*1.0P	20	3	2.9
HSK100A-SF12-200	250	200	171	29	37	47	101	100	24	32	44	12	M10*1.0P	M6*1.0P	20	3	3.3
HSK100A-SF12-250	300	250	221	29	37	47	151	100	24	32	44	12	M10*1.0P	M6*1.0P	20	3	3.7
HSK100A-SF12-300	350	300	271	29	37	47	201	100	24	32	44	12	M10*1.0P	M6*1.0P	20	3	4.1
HSK100A-SF14-95	145	95	66	29	37	47	-	100	27	34	-	14	M10*1.0P	M6*1.0P	5	1	2.3
HSK100A-SF14-120	170	120	91	29	37	47	-	100	27	34	-	14	M10*1.0P	M6*1.0P	10	2	2.6
HSK100A-SF14-160	210	160	131	29	37	47	66	100	27	34	44	14	M10*1.0P	M6*1.0P	20	3	2.9
HSK100A-SF14-200	250	200	171	29	37	47	101	100	27	34	46	14	M10*1.0P	M6*1.0P	20	3	3.3
HSK100A-SF14-250	300	250	221	29	37	47	151	100	27	34	46	14	M10*1.0P	M6*1.0P	20	3	3.7
HSK100A-SF14-300	350	300	271	29	26	41	201	100	24	32	46	14	M10*1.0P	M6*1.0P	20	3	4.1

数控刀柄系列 CNC TOOL SYSTEMS

HSK100A-SF 热缩刀柄（4.5 度标准型） HSK100A-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）







FIG. 1

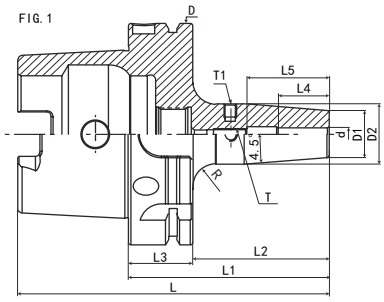


FIG. 2

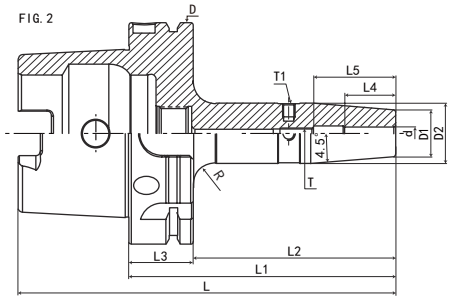
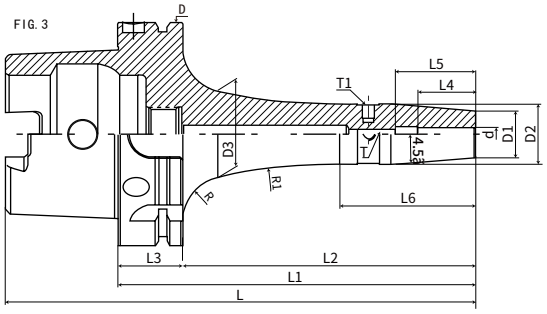


FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
HSK100A-SF16-100	150	100	71	29	40	50	-	100	27	34	-	16	M12*1.0P	M6*1.0P	5	1	2.3
HSK100A-SF16-120	170	120	91	29	40	50	-	100	27	34	-	16	M12*1.0P	M6*1.0P	10	2	2.6
HSK100A-SF16-160	210	160	131	29	40	50	66	100	27	34	44	16	M12*1.0P	M6*1.0P	20	3	2.9
HSK100A-SF16-200	250	200	171	29	40	50	101	100	27	34	46	16	M12*1.0P	M6*1.0P	20	3	3.3
HSK100A-SF16-250	300	250	221	29	40	50	151	100	27	34	46	16	M12*1.0P	M6*1.0P	20	3	3.7
HSK100A-SF16-300	350	300	271	29	40	50	201	100	27	34	46	16	M12*1.0P	M6*1.0P	20	3	4.1
HSK100A-SF18-100	150	100	71	29	40	50	-	100	33	42	-	18	M12*1.0P	M6*1.0P	5	1	2.4
HSK100A-SF18-120	170	120	91	29	40	50	-	100	33	42	-	18	M12*1.0P	M6*1.0P	10	2	2.7
HSK100A-SF18-160	210	160	131	29	40	50	78	100	33	42	46	18	M12*1.0P	M6*1.0P	20	3	3.1
HSK100A-SF18-200	250	200	171	29	40	50	116	100	33	42	46	18	M12*1.0P	M6*1.0P	20	3	3.4
HSK100A-SF18-250	300	250	221	29	40	50	166	100	33	42	46	18	M12*1.0P	M6*1.0P	20	3	3.8
HSK100A-SF18-300	350	300	271	29	40	50	216	100	33	42	46	18	M12*1.0P	M6*1.0P	20	3	4.2
HSK100A-SF20-105	155	105	76	29	42	52	-	100	33	42	-	20	M16*1.0P	M6*1.0P	5	1	2.4
HSK100A-SF20-120	170	120	91	29	42	52	-	100	33	42	-	20	M16*1.0P	M6*1.0P	10	2	2.7
HSK100A-SF20-160	210	160	131	29	42	52	78	100	33	42	46	20	M16*1.0P	M6*1.0P	20	3	3.1
HSK100A-SF20-200	250	200	171	29	42	52	116	100	33	42	46	20	M16*1.0P	M6*1.0P	20	3	3.4
HSK100A-SF20-250	300	250	221	29	42	52	166	100	33	42	46	20	M16*1.0P	M6*1.0P	20	3	3.8
HSK100A-SF20-300	350	300	271	29	42	52	216	100	33	42	46	20	M16*1.0P	M6*1.0P	20	3	4.2
HSK100A-SF25-115	165	115	86	29	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	5	1	3.2
HSK100A-SF25-130	180	130	101	29	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	10	2	3.4
HSK100A-SF25-160	210	160	131	29	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	16	2	3.6
HSK100A-SF25-200	250	200	171	29	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	16	2	4.1
HSK100A-SF25-250	300	250	221	29	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	16	2	4.6
HSK100A-SF25-300	350	300	271	29	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	16	2	5.1
HSK100A-SF32-120	170	120	91	29	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	5	1	3.2
HSK100A-SF32-140	190	140	111	29	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	10	2	3.4
HSK100A-SF32-160	210	160	131	29	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	16	2	3.6
HSK100A-SF32-200	250	200	171	29	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	16	2	4.1
HSK100A-SF32-250	300	250	221	29	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	16	2	4.6
HSK100A-SF32-300	350	300	271	29	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	16	2	5.1

HSK25E-SF 热缩刀柄（4.5 度标准型）

HSK25E-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）



FIG. 1

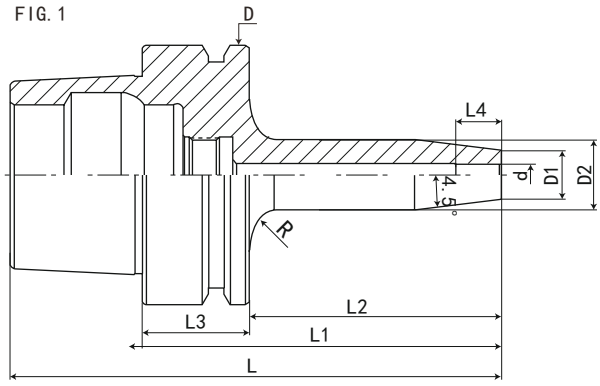
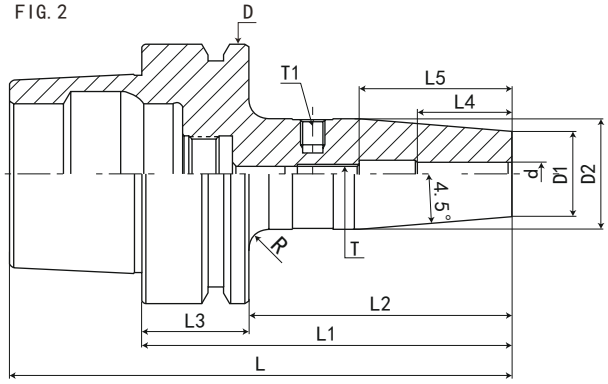




FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	T1	FIG	重量 KGS
HSK25E-SF03-50	63	50	40	10	12	-	25	15	20	3	-	-	1	0.1
HSK25E-SF04-50	63	50	40	10	16	-	25	15	20	4	-	-	1	0.1
HSK25E-SF05-50	63	50	40	10	18	-	25	15	20	5	-	-	1	0.1
HSK25E-SF06-50	63	50	40	10	23	37	25	21	26	6	M5*0.8P	M6*1.0P	2	0.1

HSK32E-SF 热缩刀柄（4.5 度标准型） HSK32E-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）



FIG. 1

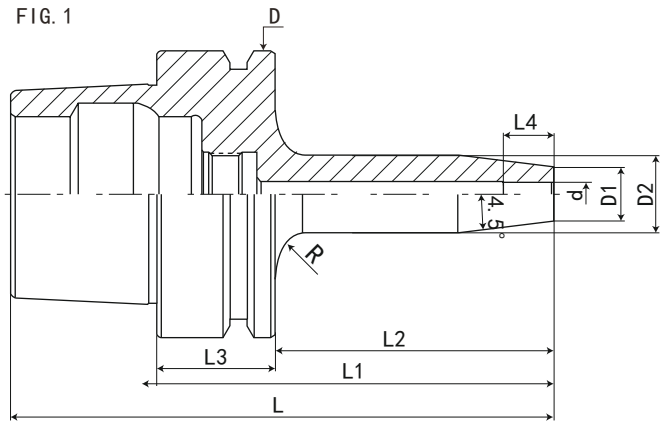
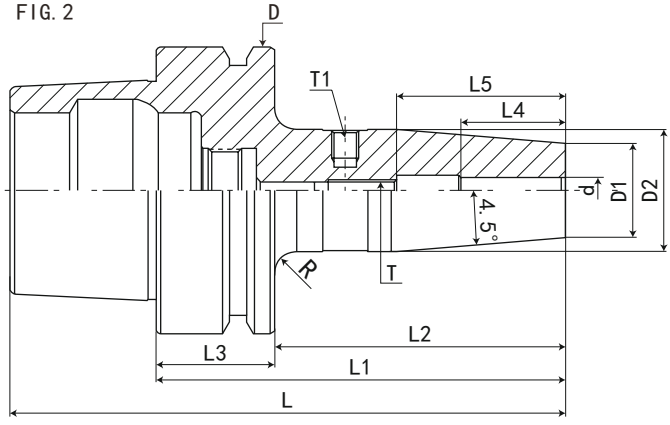




FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	T1	FIG	重量 KGS
HSK32E-SF03-60	76	60	40	20	12	-	32	15	20	3	-	-	1	0.2
HSK32E-SF04-60	76	60	40	20	16	-	32	15	20	4	-	-	1	0.2
HSK32E-SF05-60	76	60	40	20	18	-	32	15	20	5	-	-	1	0.2
HSK32E-SF06-70	86	70	70	20	26	36	32	21	26	6	M5*0.8P	M6*1.0P	2	0.3
HSK32E-SF08-70	86	70	70	20	26	36	32	21	26	8	M6*1.0P	M6*1.0P	2	0.3
HSK32E-SF10-70	86	70	70	20	32	42	32	24	29	10	M8*1.0P	M6*1.0P	2	0.4
HSK32E-SF12-70	86	70	70	20	37	47	32	24	29	12	M10*1.0P	M6*1.0P	2	0.4

HSK40E-SF 热缩刀柄（4.5 度标准型）

HSK40E-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）



FIG. 1

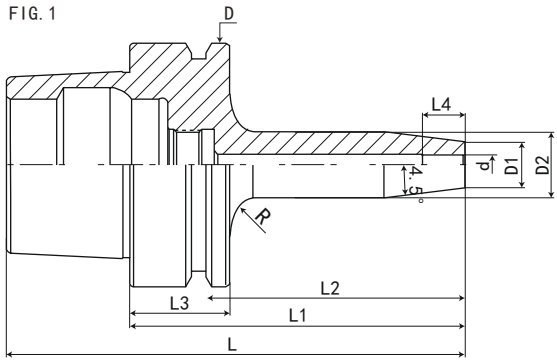
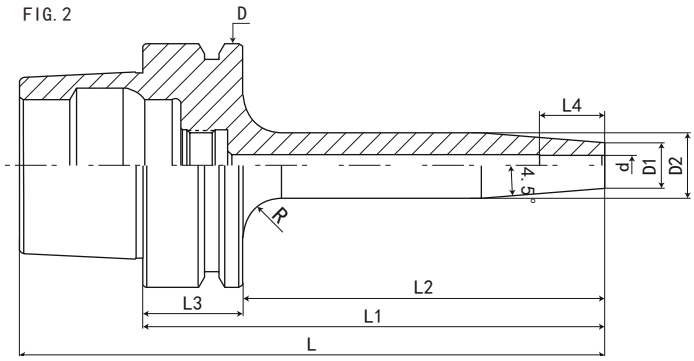




FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
HSK40E-SF03-60	80	60	40	20	12	40	12	17	3	5	1	0.3
HSK40E-SF03-120	140	120	100	20	12	40	12	20	3	5	2	0.4
HSK40E-SF03-160	180	160	140	20	12	40	12	20	3	5	2	0.5
HSK40E-SF04-60	80	60	40	20	16	40	12	17	4	5	1	0.3
HSK40E-SF04-120	140	120	100	20	16	40	15	22	4	5	2	0.4
HSK40E-SF04-160	180	160	140	20	16	40	15	22	4	5	2	0.5
HSK40E-SF05-60	80	60	40	20	18	40	12	17	5	5	1	0.3
HSK40E-SF05-120	140	120	100	20	18	40	15	22	5	5	2	0.4
HSK40E-SF05-160	180	160	140	20	18	40	15	22	5	5	2	0.5

HSK40E-SF 热缩刀柄（4.5 度标准型） HSK40E-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）





FIG. 1

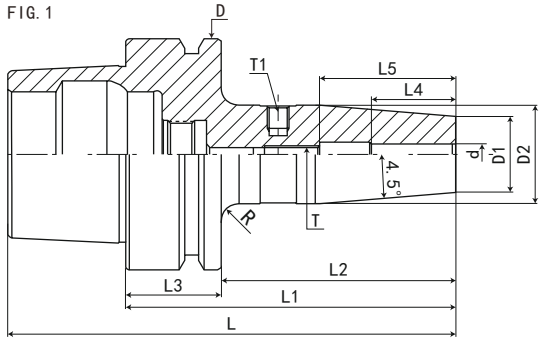
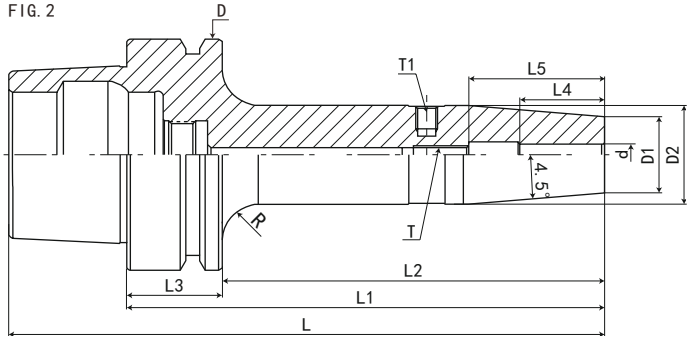


FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	T1	FIG	重量 KGS
HSK40E-SF06-80	100	80	60	20	26	36	40	21	27	6	M5*0.8P	M6*1.0P	1	0.4
HSK40E-SF06-120	140	120	100	20	26	36	40	21	27	6	M5*0.8P	M6*1.0P	2	0.6
HSK40E-SF06-160	180	160	140	20	26	36	40	21	27	6	M5*0.8P	M6*1.0P	2	0.7
HSK40E-SF08-80	100	80	60	20	26	36	40	21	27	8	M6*1.0P	M6*1.0P	1	0.4
HSK40E-SF08-120	140	120	100	20	26	36	40	21	27	8	M6*1.0P	M6*1.0P	2	0.6
HSK40E-SF08-160	180	160	140	20	26	36	40	21	27	8	M6*1.0P	M6*1.0P	2	0.7
HSK40E-SF10-80	100	80	60	20	32	42	40	24	32	10	M8*1.0P	M6*1.0P	1	0.5
HSK40E-SF10-120	140	120	100	20	32	42	40	24	32	10	M8*1.0P	M6*1.0P	2	0.7
HSK40E-SF10-160	180	160	140	20	32	42	40	24	32	10	M8*1.0P	M6*1.0P	2	0.8
HSK40E-SF12-90	110	90	70	20	37	47	40	24	32	12	M10*1.0P	M6*1.0P	1	0.5
HSK40E-SF12-120	140	120	100	20	37	47	40	24	32	12	M10*1.0P	M6*1.0P	2	0.7
HSK40E-SF12-160	180	160	140	20	37	47	40	24	32	12	M10*1.0P	M6*1.0P	2	0.8
HSK40E-SF14-90	110	90	70	20	37	47	40	27	34	14	M10*1.0P	M6*1.0P	1	0.6
HSK40E-SF14-120	140	120	100	20	37	47	40	27	34	14	M10*1.0P	M6*1.0P	2	0.8
HSK40E-SF14-160	180	160	140	20	37	47	40	27	34	14	M10*1.0P	M6*1.0P	2	0.9
HSK40E-SF16-90	110	90	70	20	40	50	40	27	34	16	M12*1.0P	M6*1.0P	1	0.5
HSK40E-SF16-120	140	120	100	20	40	50	40	27	34	16	M12*1.0P	M6*1.0P	2	0.7
HSK40E-SF16-160	180	160	140	20	40	50	40	27	34	16	M12*1.0P	M6*1.0P	2	0.8

HSK50E-SF 热缩刀柄（4.5 度标准型）

HSK50E-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）



FIG. 1

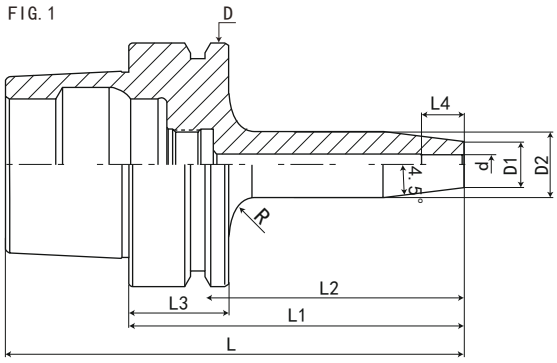
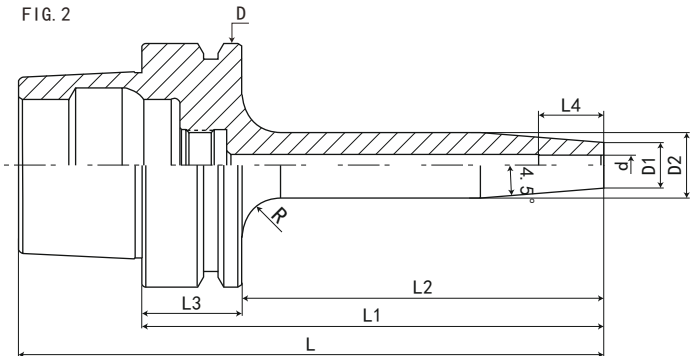




FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
HSK50E-SF03-80	105	80	54	26	12	50	12	17	3	5	1	0.4
HSK50E-SF03-120	145	120	94	26	12	50	12	20	3	5	2	0.5
HSK50E-SF03-160	185	160	134	26	12	50	12	20	3	5	2	0.6
HSK50E-SF04-80	105	80	54	26	16	50	12	17	4	5	1	0.5
HSK50E-SF04-120	145	120	94	26	16	50	15	22	4	5	2	0.6
HSK50E-SF04-160	185	160	134	26	16	50	15	22	4	5	2	0.7
HSK50E-SF05-80	105	80	54	26	18	50	12	17	5	5	1	0.5
HSK50E-SF05-120	145	120	94	26	18	50	15	22	5	5	2	0.6
HSK50E-SF05-160	185	160	134	26	18	50	15	22	5	5	2	0.7

HSK50E-SF 热缩刀柄（4.5 度标准型） HSK50E-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）



FIG. 1

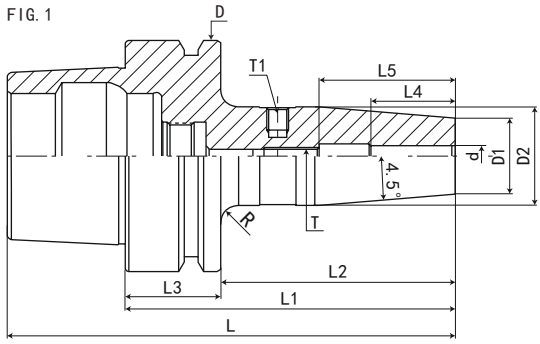
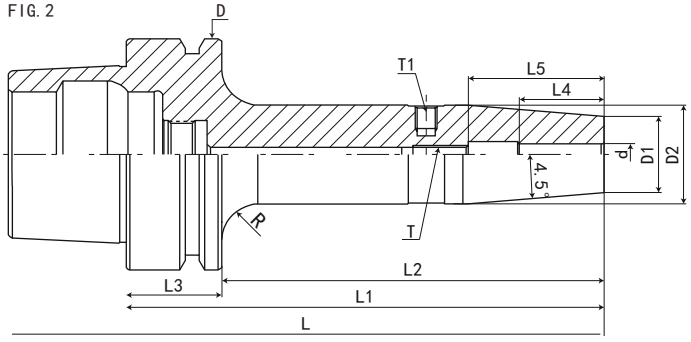




FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	T1	FIG	重量 KGS
HSK50E-SF06-80	105	80	54	26	26	36	50	21	27	6	M5*0.8P	M6*1.0P	1	0.7
HSK50E-SF06-120	145	120	94	26	26	36	50	21	27	6	M5*0.8P	M6*1.0P	2	0.8
HSK50E-SF06-160	185	160	134	26	26	36	50	21	27	6	M5*0.8P	M6*1.0P	2	0.9
HSK50E-SF08-80	105	80	54	26	26	36	50	21	27	8	M6*1.0P	M6*1.0P	1	0.6
HSK50E-SF08-120	145	120	94	26	26	36	50	21	27	8	M6*1.0P	M6*1.0P	2	0.8
HSK50E-SF08-160	185	160	134	26	26	36	50	21	27	8	M6*1.0P	M6*1.0P	2	0.9
HSK50E-SF10-85	110	85	59	26	32	42	50	24	32	10	M8*1.0P	M6*1.0P	1	0.7
HSK50E-SF10-120	145	120	94	26	32	42	50	24	32	10	M8*1.0P	M6*1.0P	2	0.8
HSK50E-SF10-160	185	160	134	26	32	42	50	24	32	10	M8*1.0P	M6*1.0P	2	0.9
HSK50E-SF12-90	115	90	64	26	37	47	50	24	32	12	M10*1.0P	M6*1.0P	1	0.7
HSK50E-SF12-120	145	120	94	26	37	47	50	24	32	12	M10*1.0P	M6*1.0P	2	0.8
HSK50E-SF12-160	185	160	134	26	37	47	50	24	32	12	M10*1.0P	M6*1.0P	2	0.9
HSK50E-SF14-90	115	90	64	26	37	47	50	27	34	14	M10*1.0P	M6*1.0P	1	0.7
HSK50E-SF14-120	145	120	94	26	37	47	50	27	34	14	M10*1.0P	M6*1.0P	2	0.8
HSK50E-SF14-160	185	160	134	26	37	47	50	27	34	14	M10*1.0P	M6*1.0P	2	0.9
HSK50E-SF16-95	120	95	69	26	40	50	50	27	34	16	M12*1.0P	M6*1.0P	1	0.7
HSK50E-SF16-120	145	120	94	26	40	50	50	27	34	16	M12*1.0P	M6*1.0P	2	0.8
HSK50E-SF16-200	185	160	134	26	40	50	50	27	34	16	M12*1.0P	M6*1.0P	2	0.9
HSK50E-SF18-95	120	95	69	26	40	50	50	33	42	18	M12*1.0P	M6*1.0P	1	0.9
HSK50E-SF18-120	145	120	94	26	40	50	50	33	42	18	M12*1.0P	M6*1.0P	2	1
HSK50E-SF18-200	185	160	134	26	40	50	50	33	42	18	M12*1.0P	M6*1.0P	2	1.1
HSK50E-SF20-100	125	100	74	26	42	52	50	33	42	20	M16*1.0P	M6*1.0P	1	0.9
HSK50E-SF20-120	145	120	94	26	42	52	50	33	42	20	M16*1.0P	M6*1.0P	2	1
HSK50E-SF20-160	185	160	134	26	42	52	50	33	42	20	M16*1.0P	M6*1.0P	2	1.1

HSK63E-SF 热缩刀柄（4.5 度标准型）

HSK63E-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）



FIG. 1

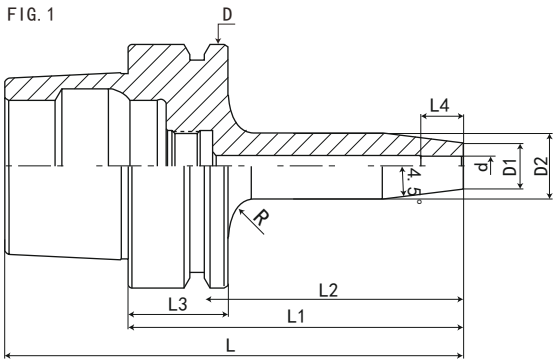
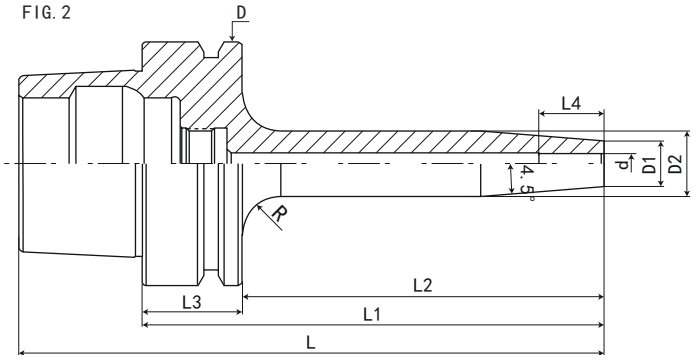




FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	R	FIG	重量 KGS
HSK63E-SF03-80	112	80	54	26	12	63	12	17	-	3	5	1	0.7
HSK63E-SF03-120	152	120	94	26	12	63	12	20	-	3	5	2	0.8
HSK63E-SF03-160	192	160	134	26	12	63	12	20	-	3	5	2	0.9
HSK63E-SF04-80	112	80	54	26	16	63	12	17	-	4	5	1	0.7
HSK63E-SF04-120	152	120	94	26	16	63	15	22	-	4	5	2	0.8
HSK63E-SF04-160	192	160	134	26	16	63	15	22	-	4	5	2	0.9
HSK63E-SF05-80	112	80	54	26	18	63	12	17	-	5	5	1	0.7
HSK63E-SF05-120	152	120	94	26	18	63	15	22	-	5	5	2	0.8
HSK63E-SF05-160	192	160	134	26	18	63	15	22	-	5	5	2	0.9

HSK63E-SF 热缩刀柄（4.5 度标准型） HSK63E-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）



FIG. 1

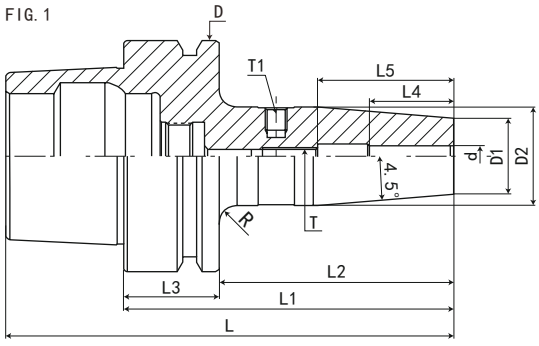
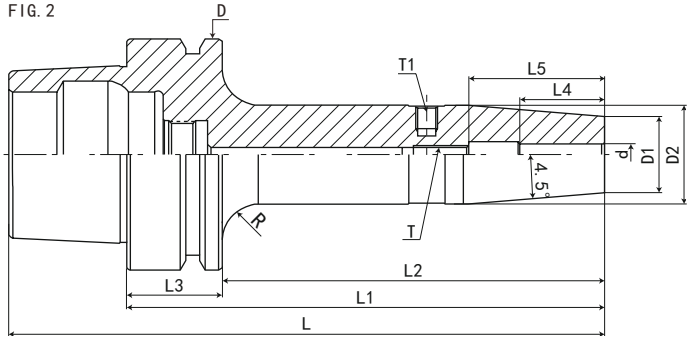




FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	FIG	重量 KGS
HSK63E-SF06-80	112	80	54	26	26	36	-	63	21	27	-	6	M5*0.8P	M6*1.0P	1	0.8
HSK63E-SF06-120	152	120	94	26	26	36	-	63	21	27	-	6	M5*0.8P	M6*1.0P	2	0.9
HSK63E-SF06-160	192	160	134	26	26	36	-	63	21	27	-	6	M5*0.8P	M6*1.0P	2	1.1
HSK63E-SF08-80	112	80	54	26	26	36	-	63	21	27	-	8	M6*1.0P	M6*1.0P	1	0.8
HSK63E-SF08-120	152	120	94	26	26	36	-	63	21	27	-	8	M6*1.0P	M6*1.0P	2	0.9
HSK63E-SF08-160	192	160	134	26	26	36	-	63	21	27	-	8	M6*1.0P	M6*1.0P	2	1.1
HSK63E-SF10-85	117	85	59	26	32	42	-	63	24	32	-	10	M8*1.0P	M6*1.0P	1	0.9
HSK63E-SF10-120	152	120	94	26	32	42	-	63	24	32	-	10	M8*1.0P	M6*1.0P	2	1.1
HSK63E-SF10-160	192	160	134	26	32	42	-	63	24	32	-	10	M8*1.0P	M6*1.0P	2	1.1
HSK63E-SF12-90	122	90	64	26	37	47	-	63	24	32	-	12	M10*1.0P	M6*1.0P	1	0.9
HSK63E-SF12-120	152	120	94	26	37	47	-	63	24	32	-	12	M10*1.0P	M6*1.0P	2	1.1
HSK63E-SF12-160	192	160	134	26	37	47	-	63	24	32	-	12	M10*1.0P	M6*1.0P	2	1.1
HSK63E-SF14-90	122	90	64	26	37	47	-	63	27	34	-	14	M10*1.0P	M6*1.0P	1	1.1
HSK63E-SF14-120	152	120	94	26	37	47	-	63	27	34	-	14	M10*1.0P	M6*1.0P	2	1.1
HSK63E-SF14-160	192	160	134	26	37	47	78	63	27	34	42	14	M10*1.0P	M6*1.0P	2	1.2
HSK63E-SF16-95	127	95	69	26	40	50	-	63	27	34	-	16	M12*1.0P	M6*1.0P	1	1.1
HSK63E-SF16-120	152	120	94	26	40	50	-	63	27	34	-	16	M12*1.0P	M6*1.0P	2	1.2
HSK63E-SF16-160	192	160	134	26	40	50	78	63	27	34	42	16	M12*1.0P	M6*1.0P	2	1.4
HSK63E-SF18-95	127	95	69	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	1	1.1
HSK63E-SF18-120	152	120	94	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	2	1.3
HSK63E-SF18-160	192	160	134	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	2	1.5
HSK63E-SF20-100	132	100	74	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	1	1.1
HSK63E-SF20-120	152	120	94	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	2	1.3
HSK63E-SF20-160	192	160	134	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	2	1.5
HSK63E-SF25-115	147	115	89	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	1	1.6
HSK63E-SF25-130	162	130	104	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	1.7
HSK63E-SF25-160	192	160	134	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	1.8
HSK63E-SF32-120	152	120	94	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	1	1.6
HSK63E-SF32-160	192	160	134	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	1.7

HSK40F-SF 热缩刀柄（4.5 度标准型）

HSK40F-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）



FIG. 1

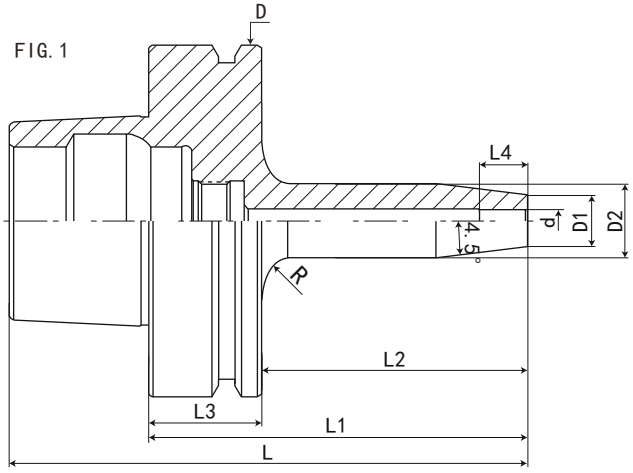
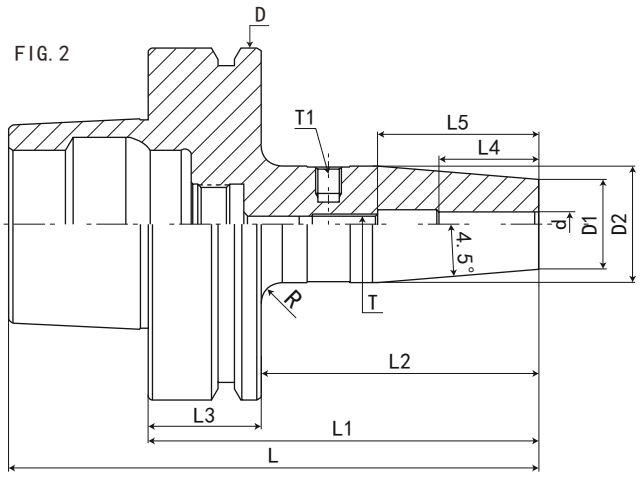




FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	T1	FIG	重量 KGS
HSK40F-SF03-60	80	60	40	20	12	-	40	15	20	3	-	-	1	0.5
HSK40F-SF04-60	80	60	40	20	16	-	40	15	20	4	-	-	1	0.5
HSK40F-SF05-60	80	60	40	20	18	-	40	15	20	5	-	-	1	0.5
HSK40F-SF06-65	85	65	45	20	26	36	40	21	27	6	M5*0.8P	M6*1.0P	2	0.5
HSK40F-SF06-80	100	80	60	20	26	36	40	21	27	6	M5*0.8P	M6*1.0P	2	0.8
HSK40F-SF08-65	85	65	45	20	26	36	40	21	27	8	M6*1.0P	M6*1.0P	2	0.5
HSK40F-SF08-80	100	80	60	20	26	36	40	21	27	8	M6*1.0P	M6*1.0P	2	0.8
HSK40F-SF10-65	85	65	45	20	32	42	40	24	31	10	M8*1.0P	M6*1.0P	2	0.6
HSK40F-SF10-80	100	80	60	20	32	42	40	24	32	10	M8*1.0P	M6*1.0P	2	0.9
HSK40F-SF12-65	85	65	45	20	37	47	40	24	31	12	M10*1.0P	M6*1.0P	2	0.6
HSK40F-SF12-90	110	90	70	20	37	47	40	24	32	12	M10*1.0P	M6*1.0P	2	0.9
HSK40F-SF14-90	110	90	70	20	37	47	40	27	34	14	M10*1.0P	M6*1.0P	2	0.9
HSK40F-SF16-90	110	90	70	20	40	50	40	27	34	16	M12*1.0P	M6*1.0P	2	0.9

HSK63F-SF 热缩刀柄（4.5 度标准型） HSK63F-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）





FIG. 1

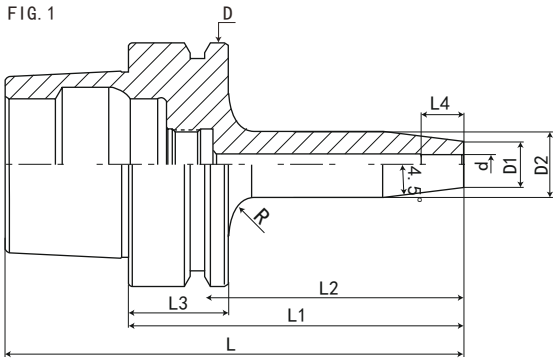
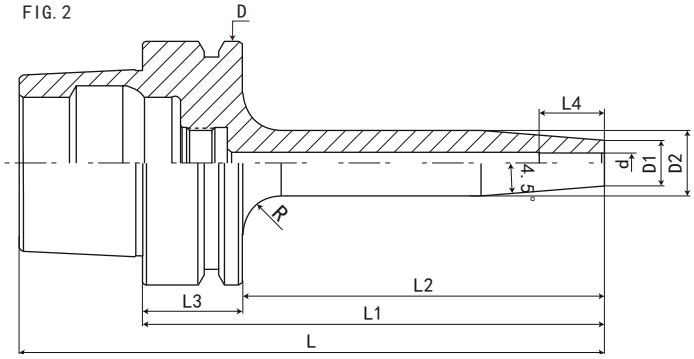


FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
HSK63F-SF03-80	105	80	54	26	12	63	10	15	3	5	1	0.7
HSK63F-SF03-120	145	120	94	26	12	63	10	20	3	5	2	0.8
HSK63F-SF03-160	185	160	134	26	12	63	10	20	3	5	2	0.9
HSK63F-SF04-80	105	80	54	26	16	63	15	22	4	5	1	0.7
HSK63F-SF04-120	145	120	94	26	16	63	15	22	4	5	2	0.8
HSK63F-SF04-160	185	160	134	26	16	63	15	22	4	5	2	0.9
HSK63F-SF05-80	105	80	54	26	18	63	15	22	5	5	1	0.8
HSK63F-SF05-120	145	120	94	26	18	63	15	22	5	5	2	0.8
HSK63F-SF05-160	185	160	134	26	18	63	15	22	5	5	2	0.9

HSK63F-SF 热缩刀柄（4.5 度标准型）

HSK63F-SF SHRINK FIT TOOL HOLDER （4.5 ° STANDARD VERSION）



FIG. 1

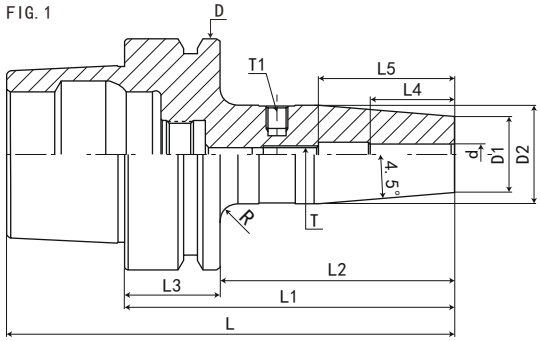
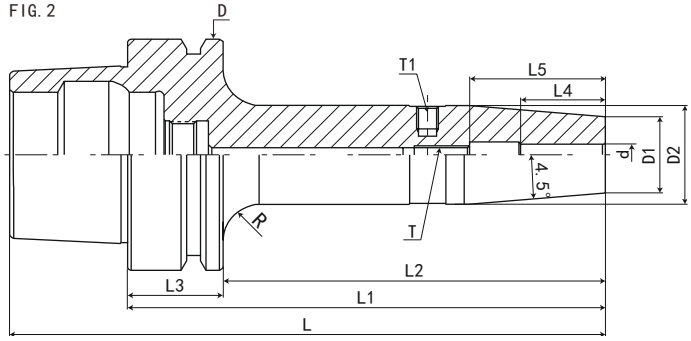




FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R	FIG	重量 KGS
HSK63F-SF06-80	105	80	54	26	26	36	63	21	27	6	M5*0.8P	10	1	0.8
HSK63F-SF06-120	145	120	94	26	26	36	63	21	27	6	M5*0.8P	10	2	0.9
HSK63F-SF06-160	185	160	134	26	26	36	63	21	27	6	M5*0.8P	10	2	1
HSK63F-SF08-80	105	80	54	26	26	36	63	21	27	8	M6*1.0P	10	1	0.8
HSK63F-SF08-120	145	120	94	26	26	36	63	21	27	8	M6*1.0P	10	2	0.9
HSK63F-SF08-160	185	160	134	26	26	36	63	21	27	8	M6*1.0P	10	2	1
HSK63F-SF10-85	110	85	59	26	32	42	63	24	32	10	M8*1.0P	10	1	0.8
HSK63F-SF10-120	145	120	94	26	32	42	63	24	32	10	M8*1.0P	10	2	0.9
HSK63F-SF10-160	185	160	134	26	32	42	63	24	32	10	M8*1.0P	10	2	1
HSK63F-SF12-90	115	90	64	26	37	47	63	24	32	12	M10*1.0P	10	1	0.8
HSK63F-SF12-120	145	120	94	26	37	47	63	24	32	12	M10*1.0P	10	2	1
HSK63F-SF12-160	185	160	134	26	37	47	63	24	32	12	M10*1.0P	10	2	1.2
HSK63F-SF14-90	115	90	64	26	37	47	63	27	34	14	M10*1.0P	10	1	0.8
HSK63F-SF14-120	145	120	94	26	37	47	63	27	34	14	M10*1.0P	10	2	1
HSK63F-SF14-160	185	160	134	26	37	47	63	27	34	14	M10*1.0P	10	2	1.2
HSK63F-SF16-95	120	95	69	26	40	50	63	27	34	16	M12*1.0P	10	1	0.9
HSK63F-SF16-120	145	120	94	26	40	50	63	27	34	16	M12*1.0P	10	2	1
HSK63F-SF16-160	185	160	134	26	40	50	63	27	34	16	M12*1.0P	10	2	1.3
HSK63F-SF18-95	120	95	69	26	40	50	63	33	42	18	M12*1.0P	10	1	0.9
HSK63F-SF18-120	145	120	94	26	40	50	63	33	42	18	M12*1.0P	10	2	1
HSK63F-SF18-160	185	160	134	26	40	50	63	33	42	18	M12*1.0P	10	2	1.4
HSK63F-SF20-100	125	100	74	26	42	52	63	33	42	20	M16*1.0P	10	1	1
HSK63F-SF20-120	145	120	94	26	42	52	63	33	42	20	M16*1.0P	10	2	1.1
HSK63F-SF20-160	185	160	134	26	42	52	63	33	42	20	M16*1.0P	10	2	1.5
HSK63F-SF25-115	140	115	89	26	48	58	63	44	53	25	M16*1.0P	10	1	1.6
HSK63F-SF25-120	145	120	94	26	48	58	63	44	53	25	M16*1.0P	10	2	1.7
HSK63F-SF25-160	185	160	134	26	48	58	63	44	53	25	M16*1.0P	10	2	2
HSK63F-SF32-120	145	120	94	26	52	62	63	44	53	32	M16*1.0P	10	1	1.6

HSK32A-SFS 热缩刀柄（3 度细长型） HSK32A-SFS SHRINK CHUCK（3° C SLENDER TYPE）



FIG. 1

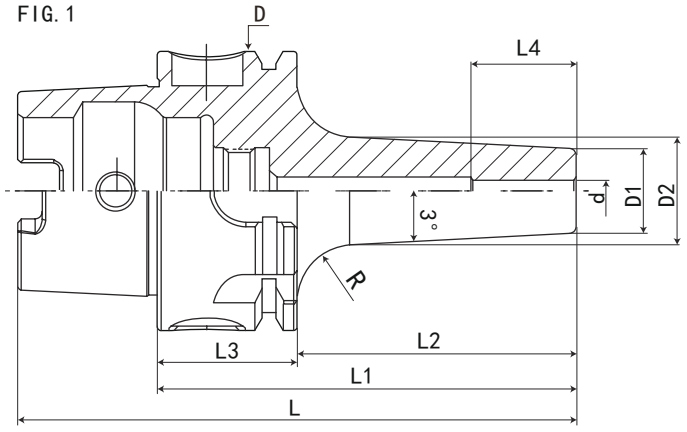
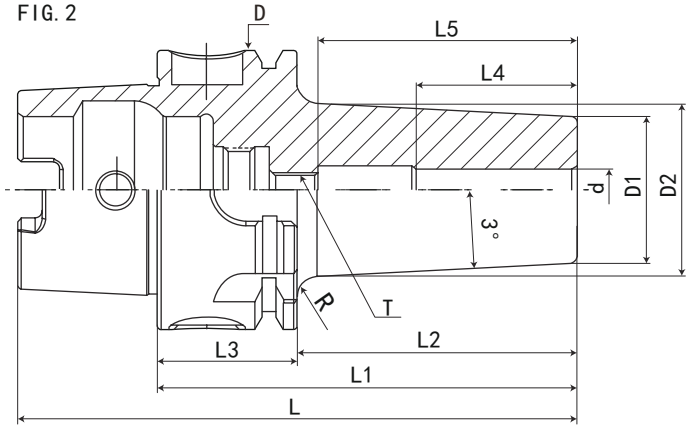




FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R 大圆弧	FIG	重量 KGS
HSK32A-SFS03-40	56	40	20	20	12	-	32	9	13	3	-	10	1	0.15
HSK32A-SFS03-70	86	70	50	20	12	-	32	9	16	3	-	10	1	0.2
HSK32A-SFS04-40	56	40	20	20	16	-	32	10	14	4	-	10	1	0.15
HSK32A-SFS04-70	86	70	50	20	16	-	32	10	17	4	-	10	1	0.2
HSK32A-SFS05-40	56	40	20	20	18	-	32	11	15	5	-	10	1	0.15
HSK32A-SFS05-70	86	70	50	20	18	-	32	11	18	5	-	10	1	0.2
HSK32A-SFS06-50	66	50	30	20	26	36	32	12	17	6	M5*0.8P	10	2	0.2
HSK32A-SFS06-80	96	80	60	20	26	36	32	12	20	6	M5*0.8P	10	2	0.3
HSK32A-SFS08-50	66	50	30	20	26	36	32	14	19	8	M6*1.0P	10	2	0.2
HSK32A-SFS08-80	96	80	60	20	26	36	32	14	22	8	M6*1.0P	10	2	0.3
HSK32A-SFS10-55	71	55	35	20	32	42	32	16	21	10	M8*1.0P	10	2	0.2
HSK32A-SFS10-80	96	80	60	20	32	42	32	16	22	10	M8*1.0P	10	2	0.3

HSK40A-SFS 热缩刀柄（3度细长型）

HSK40A-SFS SHRINK CHUCK（3° C SLENDER TYPE）





FIG. 1

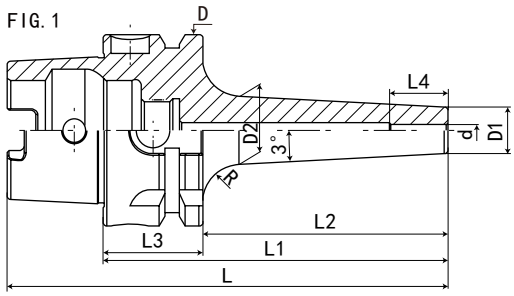
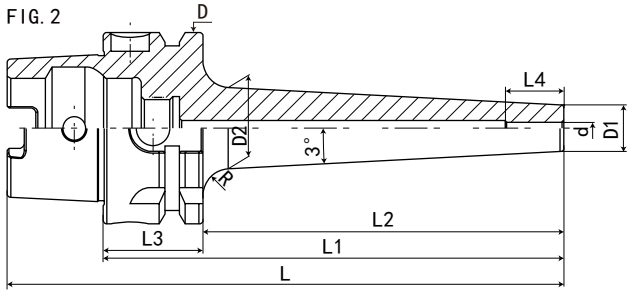


FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R 大圆弧	FIG	重量 KGS
HSK40A-SFS03-60	80	60	40	20	12	40	9	13	3	10	1	0.3
HSK40A-SFS03-70	90	70	50	20	12	40	9	14	3	10	1	0.3
HSK40A-SFS03-80	100	80	60	20	12	40	9	15	3	10	1	0.3
HSK40A-SFS03-120	140	120	100	20	12	40	9	18	3	10	2	0.4
HSK40A-SFS03-140	160	140	120	20	12	40	9	21	3	10	2	0.6
HSK40A-SFS04-60	80	60	40	20	16	40	10	14	4	10	1	0.3
HSK40A-SFS04-70	90	70	50	20	16	40	10	15	4	10	1	0.3
HSK40A-SFS04-80	100	80	60	20	16	40	10	16	4	10	1	0.3
HSK40A-SFS04-120	140	120	100	20	16	40	10	19	4	10	2	0.4
HSK40A-SFS04-140	160	140	120	20	16	40	10	22	4	10	2	0.6
HSK40A-SFS05-60	80	60	40	20	18	40	11	15	5	10	1	0.3
HSK40A-SFS05-70	90	70	50	20	18	40	11	16	5	10	1	0.3
HSK40A-SFS05-80	100	80	60	20	18	40	11	17	5	10	1	0.3
HSK40A-SFS05-120	140	120	100	20	18	40	11	20	5	10	2	0.6
HSK40A-SFS05-140	160	140	120	20	18	40	11	23	5	10	2	0.8

HSK40A-SFS 热缩刀柄（3 度细长型） HSK40A-SFS SHRINK CHUCK（3° C SLENDER TYPE）



FIG. 1

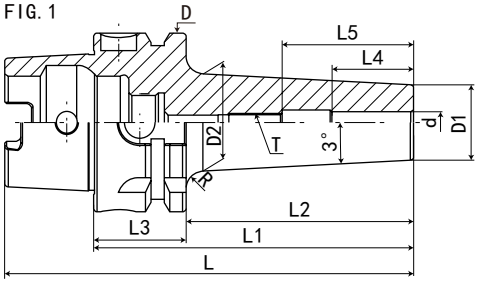
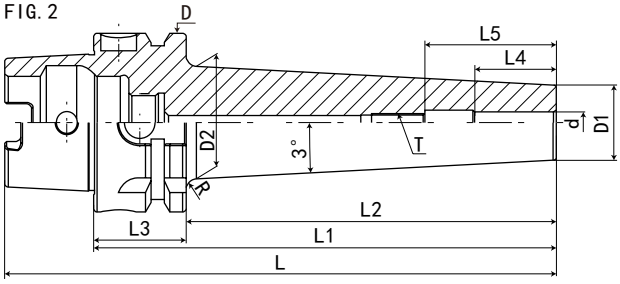


FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R 大圆弧	FIG	重量 KGS
HSK40A-SFS06-60	80	60	40	20	26	36	40	12	16	6	M5*0.8P	10	1	0.3
HSK40A-SFS06-70	90	70	50	20	26	36	40	12	17	6	M5*0.8P	10	1	0.3
HSK40A-SFS06-80	100	80	60	20	26	36	40	12	18	6	M5*0.8P	10	1	0.3
HSK40A-SFS06-120	140	120	100	20	26	36	40	12	21	6	M5*0.8P	10	2	0.8
HSK40A-SFS06-140	160	140	120	20	26	36	40	12	24	6	M5*0.8P	10	2	1
HSK40A-SFS08-60	80	60	40	20	26	36	40	14	18	8	M6*1.0P	10	1	0.3
HSK40A-SFS08-70	90	70	50	20	26	36	40	14	19	8	M6*1.0P	10	1	0.3
HSK40A-SFS08-80	100	80	60	20	26	36	40	14	20	8	M6*1.0P	10	1	0.3
HSK40A-SFS08-120	140	120	100	20	26	36	40	14	23	8	M6*1.0P	10	2	0.8
HSK40A-SFS08-140	160	140	120	20	26	36	40	14	26	8	M6*1.0P	10	2	1
HSK40A-SFS10-60	80	60	40	20	32	42	40	16	20	10	M8*1.0P	10	1	0.3
HSK40A-SFS10-70	90	70	50	20	32	42	40	16	21	10	M8*1.0P	10	1	0.3
HSK40A-SFS10-80	100	80	60	20	32	42	40	16	22	10	M8*1.0P	10	1	0.3
HSK40A-SFS10-120	140	120	100	20	32	42	40	16	25	10	M8*1.0P	10	2	0.8
HSK40A-SFS10-140	160	140	120	20	32	42	40	16	28	10	M8*1.0P	10	2	1
HSK40A-SFS12-60	80	60	40	20	37	47	40	18	22	12	M10*1.0P	10	1	0.3
HSK40A-SFS12-70	90	70	50	20	37	47	40	18	23	12	M10*1.0P	10	1	0.3
HSK40A-SFS12-80	100	80	60	20	37	47	40	18	24	12	M10*1.0P	10	1	0.4
HSK40A-SFS12-120	140	120	100	20	37	47	40	18	27	12	M10*1.0P	10	2	0.8
HSK40A-SFS12-140	160	140	120	20	37	47	40	18	30	12	M10*1.0P	10	2	1
HSK40A-SFS14-60	80	60	40	20	37	47	40	20	24	14	M10*1.0P	10	1	0.4
HSK40A-SFS14-70	90	70	50	20	37	47	40	20	25	14	M10*1.0P	10	1	0.4
HSK40A-SFS14-80	100	80	60	20	37	47	40	20	26	14	M10*1.0P	10	1	0.4
HSK40A-SFS16-60	80	60	40	20	40	50	40	22	26	16	M12*1.0P	10	1	0.4
HSK40A-SFS16-70	90	70	50	20	40	50	40	22	27	16	M12*1.0P	10	1	0.4
HSK40A-SFS16-80	100	80	60	20	40	50	40	22	28	16	M12*1.0P	10	1	0.5

HSK50A-SFS 热缩刀柄（3 度细长型）

HSK50A-SFS SHRINK CHUCK（3° C SLENDER TYPE）





FIG. 1

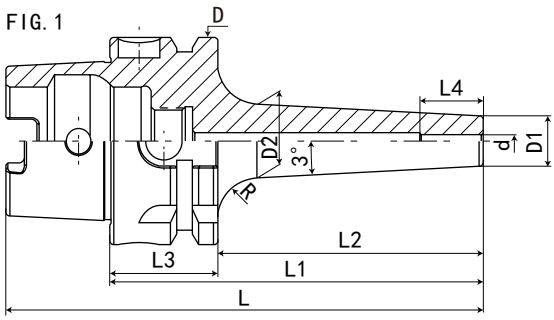
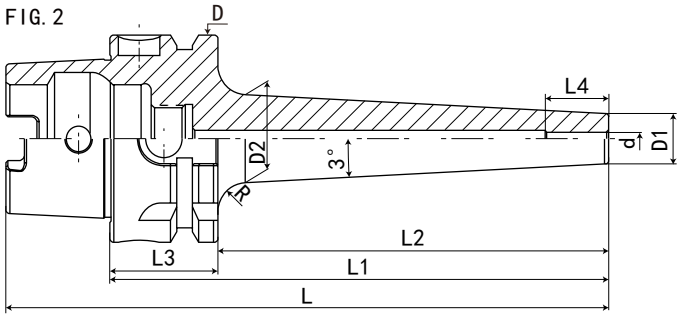


FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R 大圆弧	FIG	重量 KGS
HSK50A-SFS03-90	115	90	64	26	12	50	9	15	3	10	1	0.4
HSK50A-SFS03-120	145	120	94	26	12	50	9	16	3	10	2	0.5
HSK50A-SFS03-160	185	160	134	26	12	50	9	19	3	10	2	0.6
HSK50A-SFS04-90	115	90	64	26	16	50	10	16	4	10	1	0.5
HSK50A-SFS04-120	145	120	94	26	16	50	10	17	4	10	2	0.6
HSK50A-SFS04-160	185	160	134	26	16	50	10	20	4	10	2	0.7
HSK50A-SFS05-90	115	90	64	26	18	50	11	17	5	10	1	0.5
HSK50A-SFS05-120	145	120	94	26	18	50	11	18	5	10	2	0.6
HSK50A-SFS05-160	185	160	134	26	18	50	11	21	5	10	2	0.7

HSK50A-SFS 热缩刀柄（3 度细长型） HSK50A-SFS SHRINK CHUCK（3° C SLENDER TYPE）



FIG. 1

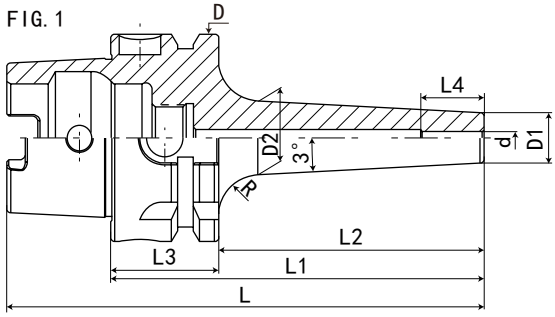
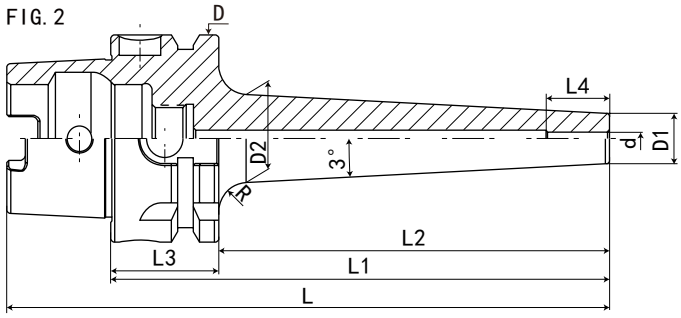




FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R 大圆弧	FIG	重量 KGS
HSK50A-SFS06-90	115	90	64	26	26	36	50	12	18	6	M5*0.8P	10	1	0.7
HSK50A-SFS06-120	145	120	94	26	26	36	50	12	21	6	M5*0.8P	10	2	0.8
HSK50A-SFS06-160	185	160	134	26	26	36	50	12	24	6	M5*0.8P	10	2	0.9
HSK50A-SFS08-90	115	90	64	26	26	36	50	14	20	8	M6*1.0P	10	1	0.6
HSK50A-SFS08-120	145	120	94	26	26	36	50	14	23	8	M6*1.0P	10	2	0.8
HSK50A-SFS08-160	185	160	134	26	26	36	50	14	26	8	M6*1.0P	10	2	0.9
HSK50A-SFS10-90	115	90	64	26	32	42	50	16	22	10	M8*1.0P	10	1	0.7
HSK50A-SFS10-120	145	120	94	26	32	42	50	16	25	10	M8*1.0P	10	2	0.8
HSK50A-SFS10-160	185	160	134	26	32	42	50	16	28	10	M8*1.0P	10	2	0.9
HSK50A-SFS12-90	115	90	64	26	37	47	50	18	24	12	M10*1.0P	10	1	0.7
HSK50A-SFS12-120	145	120	94	26	37	47	50	18	27	12	M10*1.0P	10	2	0.8
HSK50A-SFS12-160	185	160	134	26	37	47	50	18	30	12	M10*1.0P	10	2	0.9
HSK50A-SFS14-90	115	90	64	26	37	47	50	20	26	14	M10*1.0P	10	1	0.7
HSK50A-SFS14-120	145	120	94	26	37	47	50	20	29	14	M10*1.0P	10	2	0.8
HSK50A-SFS14-160	185	160	134	26	37	47	50	20	32	14	M10*1.0P	10	2	0.9
HSK50A-SFS16-90	115	90	64	26	40	50	50	22	28	16	M12*1.0P	10	1	0.7
HSK50A-SFS16-120	145	120	94	26	40	50	50	22	31	16	M12*1.0P	10	2	0.8
HSK50A-SFS16-160	185	160	134	26	40	50	50	22	34	16	M12*1.0P	10	2	0.9

HSK63A-SFS 热缩刀柄（3 度细长型）

HSK63A-SFS SHRINK CHUCK（3° C SLENDER TYPE）





FIG. 1

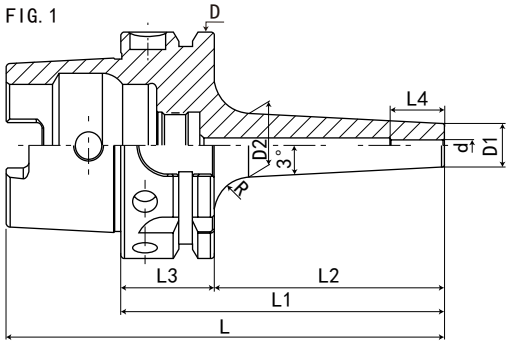
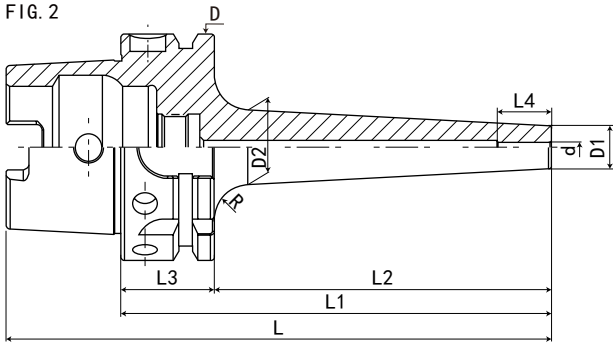


FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R 大圆弧	FIG	重量 KGS
HSK63A-SFS03-90	122	90	64	26	12	63	9	15	3	10	1	0.7
HSK63A-SFS03-120	152	120	94	26	12	63	9	16	3	10	2	0.8
HSK63A-SFS03-160	192	160	134	26	12	63	9	19	3	10	2	0.8
HSK63A-SFS03-200	232	200	174	26	12	63	9	22	3	10	2	0.9
HSK63A-SFS04-90	122	90	64	26	16	63	10	16	4	10	1	0.7
HSK63A-SFS04-120	152	120	94	26	16	63	10	17	4	10	2	0.8
HSK63A-SFS04-160	192	160	134	26	16	63	10	20	4	10	2	0.9
HSK63A-SFS04-200	232	200	174	26	16	63	10	23	4	10	2	1
HSK63A-SFS05-90	122	90	64	26	18	63	11	17	5	10	1	0.7
HSK63A-SFS05-120	152	120	94	26	18	63	11	18	5	10	2	0.8
HSK63A-SFS05-160	192	160	134	26	18	63	11	21	5	10	2	0.9
HSK63A-SFS05-200	232	200	174	26	18	63	11	24	5	10	2	1

HSK63A-SFS 热缩刀柄（3 度细长型） HSK63A-SFS SHRINK CHUCK（3° C SLENDER TYPE）



FIG. 1

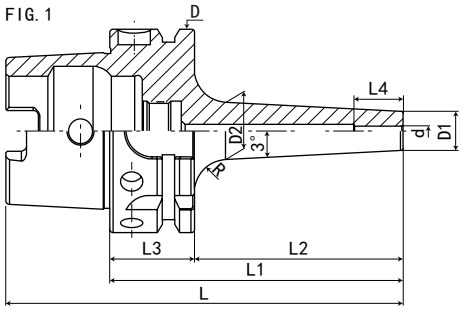
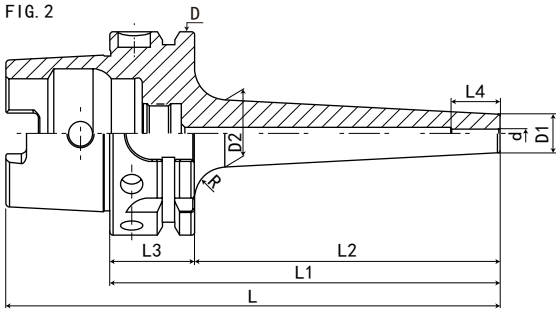




FIG. 2



规格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R 大圆弧	FIG	重量 KGS
HSK63A-SFS06- 90	122	90	64	26	26	36	63	12	18	6	M5*0.8P	10	1	0.7
HSK63A-SFS06-120	152	120	94	26	26	36	63	12	21	6	M5*0.8P	10	2	0.8
HSK63A-SFS06-160	192	160	134	26	26	36	63	12	24	6	M5*0.8P	10	2	0.9
HSK63A-SFS06-200	232	200	174	26	26	36	63	12	27	6	M5*0.8P	10	2	1
HSK63A-SFS06-250	282	250	224	26	26	36	63	12		6	M5*0.8P	10	2	1.1
HSK63A-SFS08- 90	122	90	64	26	26	36	63	14	20	8	M6*1.0P	10	1	0.7
HSK63A-SFS08-120	152	120	94	26	26	36	63	14	23	8	M6*1.0P	10	2	0.8
HSK63A-SFS08-160	192	160	134	26	26	36	63	14	26	8	M6*1.0P	10	2	1
HSK63A-SFS08-200	232	200	174	26	26	36	63	14	29	8	M6*1.0P	10	2	1.1
HSK63A-SFS08-250	282	250	224	26	26	36	63	14		8	M6*1.0P	10	2	1.2
HSK63A-SFS10- 90	122	90	64	26	32	42	63	16	22	10	M8*1.0P	10	1	0.8
HSK63A-SFS10-120	152	120	94	26	32	42	63	16	25	10	M8*1.0P	10	2	0.9
HSK63A-SFS10-160	192	160	134	26	32	42	63	16	28	10	M8*1.0P	10	2	1
HSK63A-SFS10-200	232	200	174	26	32	42	63	16	31	10	M8*1.0P	10	2	1.2
HSK63A-SFS10-250	282	250	224	26	32	42	63	16		10	M8*1.0P	10	2	1.4
HSK63A-SFS12- 90	122	90	64	26	37	47	63	18	24	12	M10*1.0P	10	1	0.8
HSK63A-SFS12-120	152	120	94	26	37	47	63	18	27	12	M10*1.0P	10	2	0.9
HSK63A-SFS12-160	192	160	134	26	37	47	63	18	30	12	M10*1.0P	10	2	1.1
HSK63A-SFS12-200	232	200	174	26	37	47	63	18	33	12	M10*1.0P	10	2	1.3
HSK63A-SFS12-250	282	250	224	26	37	47	63	18		12	M10*1.0P	10	2	1.5
HSK63A-SFS14- 90	122	90	64	26	37	47	63	20	26	14	M10*1.0P	10	1	0.8
HSK63A-SFS14-120	152	120	94	26	37	47	63	20	29	14	M10*1.0P	10	2	1
HSK63A-SFS14-160	192	160	134	26	37	47	63	20	32	14	M10*1.0P	10	2	1.2
HSK63A-SFS14-200	232	200	174	26	37	47	63	20	35	14	M10*1.0P	10	2	1.4
HSK63A-SFS14-250	282	250	224	26	37	47	63	20		14	M10*1.0P	10	2	1.6
HSK63A-SFS16- 90	122	90	64	26	40	50	63	22	28	16	M12*1.0P	10	1	0.8
HSK63A-SFS16-120	152	120	94	26	40	50	63	22	31	16	M12*1.0P	10	2	1
HSK63A-SFS16-160	192	160	134	26	40	50	63	22	34	16	M12*1.0P	10	2	1.2
HSK63A-SFS16-200	232	200	174	26	40	50	63	22	37	16	M12*1.0P	10	2	1.5
HSK63A-SFS16-250	282	250	224	26	40	50	63	22		16	M12*1.0P	10	2	1.8
HSK63A-SFS18- 90	122	90	64	26	40	50	63	24	30	18	M12*1.0P	10	1	0.9
HSK63A-SFS18-120	152	120	94	26	40	50	63	24	33	18	M12*1.0P	10	2	1
HSK63A-SFS18-160	192	160	134	26	40	50	63	24	36	18	M12*1.0P	10	2	1.3
HSK63A-SFS18-200	232	200	174	26	40	50	63	24	39	18	M12*1.0P	10	2	1.6
HSK63A-SFS18-250	282	250	224	26	40	50	63	24		18	M12*1.0P	10	2	1.9
HSK63A-SFS20- 90	122	90	64	26	42	52	63	26	32	20	M16*1.0P	10	1	0.9
HSK63A-SFS20-120	152	120	94	26	42	52	63	26	35	20	M16*1.0P	10	2	1.1
HSK63A-SFS20-160	192	160	134	26	42	52	63	26	38	20	M16*1.0P	10	2	1.4
HSK63A-SFS20-200	232	200	174	26	42	52	63	26	41	20	M16*1.0P	10	2	1.7
HSK63A-SFS20-250	282	250	224	26	42	52	63	26		20	M16*1.0P	10	2	2

HSK100A-SFS 热缩刀柄（3 度细长型） HSK100A-SFS SHRINK CHUCK（3° C SLENDER TYPE）



FIG. 1

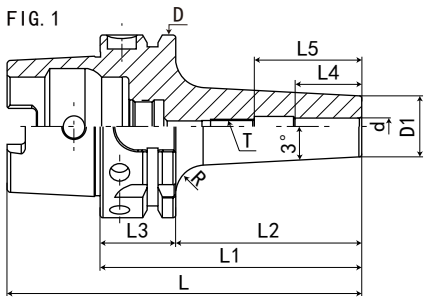
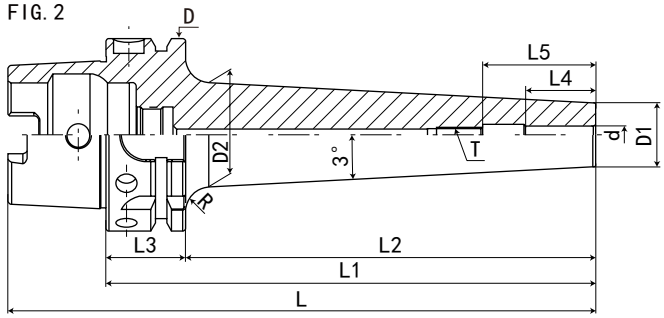




FIG. 2



规格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R 大圆弧	FIG	重量 KGS
HSK100A-SFS06-100	150	100	71	29	26	36	100	12	17	6	M5*0.8P	10	1	2.1
HSK100A-SFS06-120	170	120	91	29	26	36	100	12	20	6	M5*0.8P	10	2	2.2
HSK100A-SFS06-160	210	160	131	29	26	36	100	12	23	6	M5*0.8P	10	2	2.3
HSK100A-SFS06-200	250	200	171	29	26	36	100	12	27	6	M5*0.8P	10	2	2.5
HSK100A-SFS06-250	300	250	221	29	26	36	100	12		6	M5*0.8P	10	2	2.7
HSK100A-SFS08-100	150	100	71	29	26	36	100	14	19	8	M6*1.0P	10	1	2.1
HSK100A-SFS08-120	170	120	91	29	26	36	100	14	22	8	M6*1.0P	10	2	2.2
HSK100A-SFS08-160	210	160	131	29	26	36	100	14	25	8	M6*1.0P	10	2	2.3
HSK100A-SFS08-200	250	200	171	29	26	36	100	14	27	8	M6*1.0P	10	2	2.5
HSK100A-SFS08-250	300	250	221	29	26	36	100	14		8	M6*1.0P	10	2	2.7
HSK100A-SFS10-100	150	100	71	29	32	42	100	16	21	10	M8*1.0P	10	1	2.1
HSK100A-SFS10-120	170	120	91	29	32	42	100	16	24	10	M8*1.0P	10	2	2.2
HSK100A-SFS10-160	210	160	131	29	32	42	100	16	27	10	M8*1.0P	10	2	2.4
HSK100A-SFS10-200	250	200	171	29	32	42	100	16	31	10	M8*1.0P	10	2	2.5
HSK100A-SFS10-250	300	250	221	29	32	42	100	16		10	M8*1.0P	10	2	2.6
HSK100A-SFS12-100	150	100	71	29	37	47	100	18	24	12	M10*1.0P	10	1	2.1
HSK100A-SFS12-120	170	120	91	29	37	47	100	18	26	12	M10*1.0P	10	2	2.3
HSK100A-SFS12-160	210	160	131	29	37	47	100	18	29	12	M10*1.0P	10	2	2.5
HSK100A-SFS12-200	250	200	171	29	37	47	100	18	32	12	M10*1.0P	10	2	2.6
HSK100A-SFS12-250	300	250	221	29	37	47	100	18		12	M10*1.0P	10	2	2.7
HSK100A-SFS14-100	150	100	71	29	37	47	100	20	26	14	M10*1.0P	10	1	2.2
HSK100A-SFS14-120	170	120	91	29	37	47	100	20	28	14	M10*1.0P	10	2	2.3
HSK100A-SFS14-160	210	160	131	29	37	47	100	20	30	14	M10*1.0P	10	2	2.5
HSK100A-SFS14-200	250	200	171	29	37	47	100	20	34	14	M10*1.0P	10	2	2.7
HSK100A-SFS14-250	300	250	221	29	37	47	100	20		14	M10*1.0P	10	2	2.9
HSK100A-SFS16-100	150	100	71	29	40	50	100	22	28	16	M12*1.0P	10	1	2.2
HSK100A-SFS16-120	170	120	91	29	40	50	100	22	30	16	M12*1.0P	10	2	2.3
HSK100A-SFS16-160	210	160	131	29	40	50	100	22	32	16	M12*1.0P	10	2	2.6
HSK100A-SFS16-200	250	200	171	29	40	50	100	22	34	16	M12*1.0P	10	2	2.8
HSK100A-SFS16-250	300	250	221	29	40	50	100	22		16	M12*1.0P	10	2	3
HSK100A-SFS18-100	150	100	71	29	40	50	100	24	30	18	M12*1.0P	10	1	2.3
HSK100A-SFS18-120	170	120	91	29	40	50	100	24	32	18	M12*1.0P	10	2	2.4
HSK100A-SFS18-160	210	160	131	29	40	50	100	24	36	18	M12*1.0P	10	2	2.7
HSK100A-SFS18-200	250	200	171	29	40	50	100	24	40	18	M12*1.0P	10	2	3
HSK100A-SFS18-250	300	250	221	29	40	50	100	24		18	M12*1.0P	10	2	3.3
HSK100A-SFS20-100	150	100	71	29	42	52	100	27	34	20	M16*1.0P	10	1	2.3
HSK100A-SFS20-120	170	120	91	29	42	52	100	27	35	20	M16*1.0P	10	2	2.4
HSK100A-SFS20-160	210	160	131	29	42	52	100	27	42	20	M16*1.0P	10	2	2.8
HSK100A-SFS20-200	250	200	171	29	42	52	100	27	49	20	M16*1.0P	10	2	3.2
HSK100A-SFS20-250	300	250	221	29	42	52	100	27		20	M16*1.0P	10	2	3.6

HSK25E-SFS 热缩刀柄（3 度细长型） HSK25E-SFS SHRINK CHUCK（3° C SLENDER TYPE）



FIG. 1

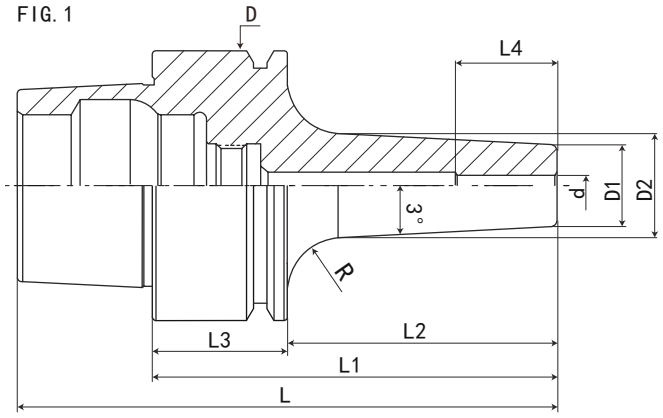
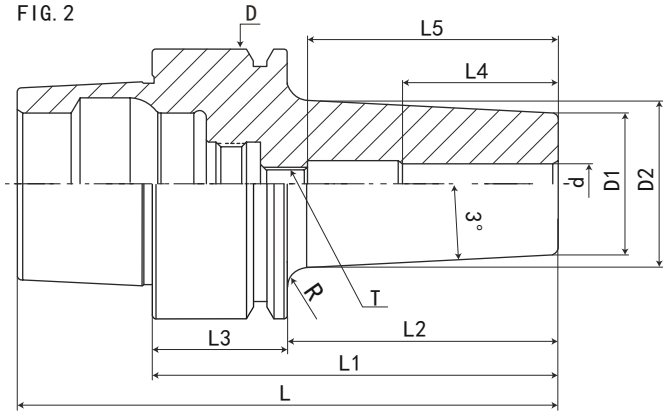




FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R 大圆弧	FIG	重量 KGS
HSK25E-SFS03-45	58	45	35	10	12	-	25	9	12.5	3	-	10	1	0.1
HSK25E-SFS03-55	68	55	45	10	12	-	25	9	13.5	3	-	10	1	0.15
HSK25E-SFS03-70	83	70	60	10	12	-	25	9	15	3	-	10	1	0.2
HSK25E-SFS04-45	58	45	35	10	16	-	25	10	13.5	4	-	10	1	0.1
HSK25E-SFS04-55	68	55	45	10	16	-	25	10	14.5	4	-	10	1	0.15
HSK25E-SFS04-70	83	70	60	10	16	-	25	10	16	4	-	10	1	0.2
HSK25E-SFS05-45	58	45	35	10	18	-	25	11	14.5	5	-	10	1	0.1
HSK25E-SFS05-55	68	55	45	10	18	-	25	11	15.5	5	-	10	1	0.15
HSK25E-SFS05-70	83	70	60	10	18	-	25	11	17	5	-	10	1	0.2
HSK25E-SFS06-45	58	45	35	10	26	36	25	12	15.5	6	M5*0.8P	10	2	0.15
HSK25E-SFS06-70	83	70	60	10	26	36	25	12	18	6	M5*0.8P	10	2	0.2
HSK25E-SFS08-50	63	50	40	10	26	36	25	14	18	8	M6*1.0P	10	2	0.15
HSK25E-SFS08-70	83	70	60	10	26	36	25	14	18	8	M6*1.0P	10	2	0.2
HSK25E-SFS10-50	63	50	40	10	32	42	25	16	19	10	M8*1.0P	10	2	0.15
HSK25E-SFS10-70	83	70	60	10	32	42	25	16	19	10	M8*1.0P	10	2	0.2

HSK32E-SFS 热缩刀柄（3 度细长型）

HSK32E-SFS SHRINK CHUCK（3° C SLENDER TYPE）



FIG. 1

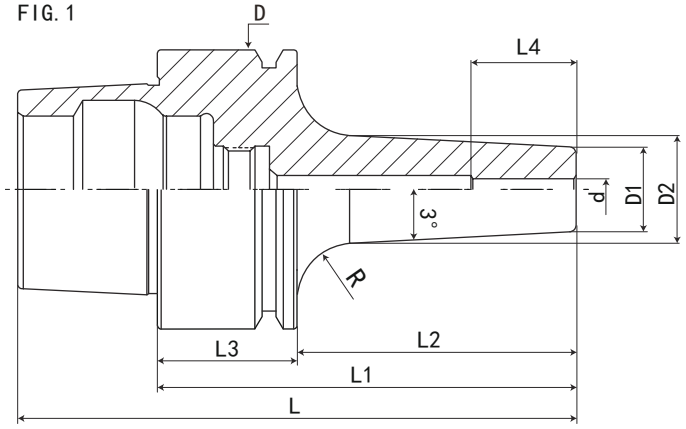
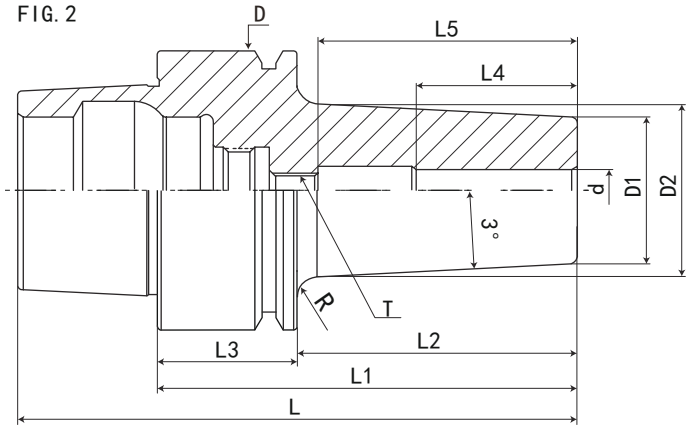




FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R 大圆弧	FIG	重量 KGS
HSK32E-SFS03-40	56	40	20	20	12	-	32	9	13	3	-	10	1	0.15
HSK32E-SFS03-70	86	70	50	20	12	-	32	9	16	3	-	10	1	0.2
HSK32E-SFS04-40	56	40	20	20	16	-	32	10	14	4	-	10	1	0.15
HSK32E-SFS04-70	86	70	50	20	16	-	32	10	17	4	-	10	1	0.2
HSK32E-SFS05-40	56	40	20	20	18	-	32	11	15	5	-	10	1	0.15
HSK32E-SFS05-70	86	70	50	20	18	-	32	11	18	5	-	10	1	0.2
HSK32E-SFS06-50	66	50	30	20	26	36	32	12	17	6	M5*0.8P	10	2	0.2
HSK32E-SFS06-80	96	80	60	20	26	36	32	12	20	6	M5*0.8P	10	2	0.3
HSK32E-SFS08-50	66	50	30	20	26	36	32	14	19	8	M6*1.0P	10	2	0.2
HSK32E-SFS08-80	96	80	60	20	26	36	32	14	22	8	M6*1.0P	10	2	0.3
HSK32E-SFS10-55	71	55	35	20	32	42	32	16	21	10	M8*1.0P	10	2	0.2
HSK32E-SFS10-80	96	80	60	20	32	42	32	16	22	10	M8*1.0P	10	2	0.3

HSK25E-SFS 热缩刀柄（3 度细长型） HSK40E-SFS SHRINK CHUCK（3° C SLENDER TYPE）





FIG. 1

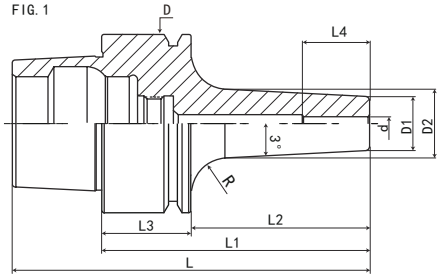
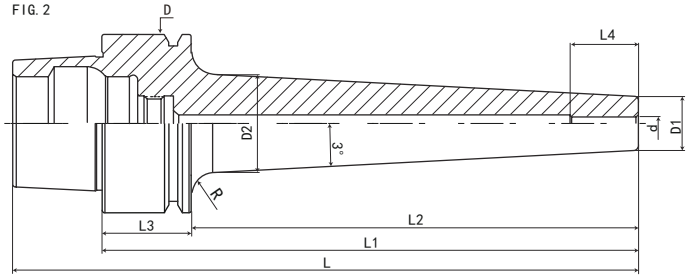


FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R 大圆弧	FIG	重量 KGS
HSK40E-SFS03-60	80	60	40	20	12	40	9	13	3	10	1	0.3
HSK40E-SFS03-70	90	70	50	20	12	40	9	14	3	10	1	0.3
HSK40E-SFS03-80	100	80	60	20	12	40	9	15	3	10	1	0.3
HSK40E-SFS03-120	140	120	100	20	12	40	9	18	3	10	2	0.4
HSK40E-SFS03-140	160	140	120	20	12	40	9	21	3	10	2	0.6
HSK40E-SFS04-60	80	60	40	20	16	40	10	14	4	10	1	0.3
HSK40E-SFS04-70	90	70	50	20	16	40	10	15	4	10	1	0.3
HSK40E-SFS04-80	100	80	60	20	16	40	10	16	4	10	1	0.3
HSK40E-SFS04-120	140	120	100	20	16	40	10	19	4	10	2	0.4
HSK40E-SFS04-140	160	140	120	20	16	40	10	22	4	10	2	0.6
HSK40E-SFS05-60	80	60	40	20	18	40	11	15	5	10	1	0.3
HSK40E-SFS05-70	90	70	50	20	18	40	11	16	5	10	1	0.3
HSK40E-SFS05-80	100	80	60	20	18	40	11	17	5	10	1	0.3
HSK40E-SFS05-120	140	120	100	20	18	40	11	20	5	10	2	0.6
HSK40E-SFS05-140L	160	140	120	20	18	40	11	23	5	10	2	0.8

HSK40E-SFS 热缩刀柄（3 度细长型）

HSK40E-SFS SHRINK CHUCK（3° C SLENDER TYPE）



FIG. 1

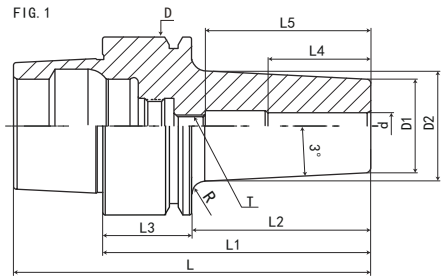
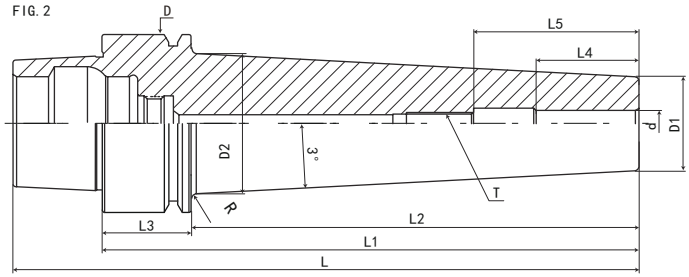




FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R 大圆弧	FIG	重量 KGS
HSK40E-SFS06-60	80	60	40	20	26	36	40	12	16	6	M5*0.8P	10	1	0.3
HSK40E-SFS06-70	90	70	50	20	26	36	40	12	17	6	M5*0.8P	10	1	0.3
HSK40E-SFS06-80	100	80	60	20	26	36	40	12	18	6	M5*0.8P	10	1	0.3
HSK40E-SFS06-120	140	120	100	20	26	36	40	12	21	6	M5*0.8P	10	2	0.8
HSK40E-SFS06-140	160	140	120	20	26	36	40	12	24	6	M5*0.8P	10	2	1
HSK40E-SFS08-60	80	60	40	20	26	36	40	14	18	8	M6*1.0P	10	1	0.3
HSK40E-SFS08-70	90	70	50	20	26	36	40	14	19	8	M6*1.0P	10	1	0.3
HSK40E-SFS08-80	100	80	60	20	26	36	40	14	20	8	M6*1.0P	10	1	0.3
HSK40E-SFS08-120	140	120	100	20	26	36	40	14	23	8	M6*1.0P	10	2	0.8
HSK40E-SFS08-140	160	140	120	20	26	36	40	14	26	8	M6*1.0P	10	2	1
HSK40E-SFS10-60	80	60	40	20	32	42	40	16	20	10	M8*1.0P	10	1	0.3
HSK40E-SFS10-70	90	70	50	20	32	42	40	16	21	10	M8*1.0P	10	1	0.3
HSK40E-SFS10-80	100	80	60	20	32	42	40	16	22	10	M8*1.0P	10	1	0.3
HSK40E-SFS10-120	140	120	100	20	32	42	40	16	25	10	M8*1.0P	10	2	0.8
HSK40E-SFS10-140	160	140	120	20	32	42	40	16	28	10	M8*1.0P	10	2	1
HSK40E-SFS12-60	80	60	40	20	37	47	40	18	22	12	M10*1.0P	10	1	0.3
HSK40E-SFS12-70	90	70	50	20	37	47	40	18	23	12	M10*1.0P	10	1	0.3
HSK40E-SFS12-80	100	80	60	20	37	47	40	18	24	12	M10*1.0P	10	1	0.4
HSK40E-SFS12-120	140	120	100	20	37	47	40	18	27	12	M10*1.0P	10	2	0.8
HSK40E-SFS12-140	160	140	120	20	37	47	40	18	30	12	M10*1.0P	10	2	1
HSK40E-SFS14-60	80	60	40	20	37	47	40	20	24	14	M10*1.0P	10	1	0.4
HSK40E-SFS14-70	90	70	50	20	37	47	40	20	25	14	M10*1.0P	10	1	0.4
HSK40E-SFS14-80	100	80	60	20	37	47	40	20	26	14	M10*1.0P	10	1	0.4
HSK40E-SFS16-60	80	60	40	20	40	50	40	22	26	16	M12*1.0P	10	1	0.4
HSK40E-SFS16-70	90	70	50	20	40	50	40	22	27	16	M12*1.0P	10	1	0.4
HSK40E-SFS16-80	100	80	60	20	40	50	40	22	28	16	M12*1.0P	10	1	0.5

HSK50E-SFS 热缩刀柄（3 度细长型） HSK50E-SFS SHRINK CHUCK（3° C SLENDER TYPE）



FIG. 1

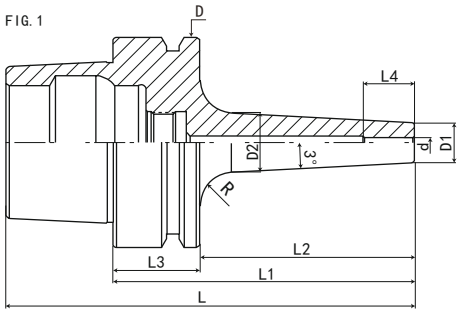
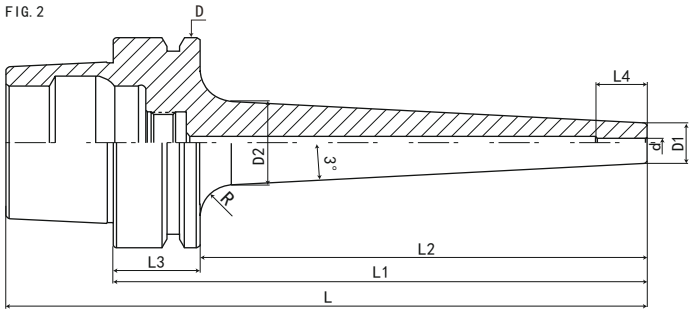




FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R 大圆弧	FIG	重量 KGS
HSK50E-SFS03-70	95	70	44	26	12	50	9	14	3	10	1	0.5
HSK50E-SFS03-80	105	80	54	26	12	50	9	15	3	10	1	0.6
HSK50E-SFS03-100	125	100	74	26	12	50	9	17	3	10	2	0.8
HSK50E-SFS03-120	145	120	94	26	12	50	9	18	3	10	2	1
HSK50E-SFS03-150	175	150	124	26	12	50	9	21	3	10	2	1.2
HSK50E-SFS04-70	95	70	44	26	16	50	10	15	4	10	1	0.5
HSK50E-SFS04-80	105	80	54	26	16	50	10	16	4	10	1	0.6
HSK50E-SFS04-100	125	100	74	26	16	50	10	18	4	10	2	0.8
HSK50E-SFS04-120	145	120	94	26	16	50	10	19	4	10	2	1
HSK50E-SFS04-150	175	150	124	26	16	50	10	22	4	10	2	1.2
HSK50E-SFS05-70	95	70	44	26	18	50	11	16	5	10	1	0.5
HSK50E-SFS05-80	105	80	54	26	18	50	11	17	5	10	1	0.6
HSK50E-SFS05-100	125	100	74	26	18	50	11	19	5	10	2	0.8
HSK50E-SFS05-120	145	120	94	26	18	50	11	20	5	10	2	1
HSK50E-SFS05-150	175	150	124	26	18	50	11	23	5	10	2	1.2

HSK50E-SFS 热缩刀柄（3度细长型）

HSK50E-SFS SHRINK CHUCK（3° C SLENDER TYPE）



FIG. 1

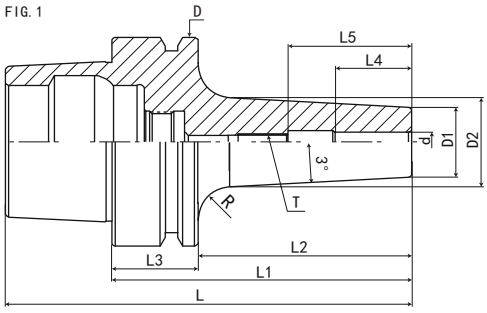
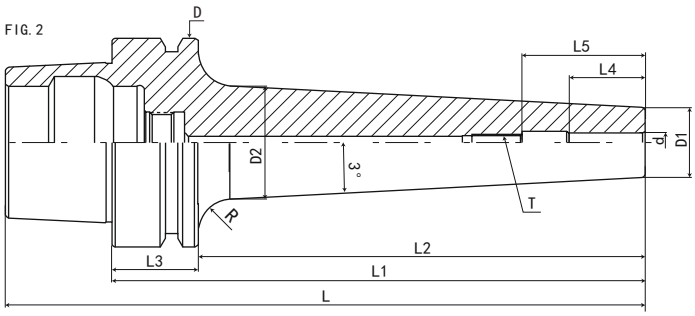




FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R 大圆弧	FIG	重量 KGS
HSK50E-SFS06-70	95	70	44	26	26	36	50	12	17	6	M5*0.8P	10	1	0.5
HSK50E-SFS06-80	105	80	54	26	26	36	50	12	18	6	M5*0.8P	10	1	0.6
HSK50E-SFS06-100	125	100	74	26	26	36	50	12	20	6	M5*0.8P	10	2	0.8
HSK50E-SFS06-120	145	120	94	26	26	36	50	12	21	6	M5*0.8P	10	2	1
HSK50E-SFS06-150	175	150	124	26	26	36	50	12	24	6	M5*0.8P	10	2	1.2
HSK50E-SFS08-70	95	70	44	26	26	36	50	14	19	8	M6*1.0P	10	1	0.5
HSK50E-SFS08-80	105	80	54	26	26	36	50	14	20	8	M6*1.0P	10	1	0.6
HSK50E-SFS08-100	125	100	74	26	26	36	50	14	22	8	M6*1.0P	10	2	0.8
HSK50E-SFS08-120	145	120	94	26	26	36	50	14	23	8	M6*1.0P	10	2	1
HSK50E-SFS08-150	175	150	124	26	26	36	50	14	26	8	M6*1.0P	10	2	1.2
HSK50E-SFS10-70	95	70	44	26	32	42	50	16	21	10	M8*1.0P	10	1	0.5
HSK50E-SFS10-80	105	80	54	26	32	42	50	16	22	10	M8*1.0P	10	1	0.6
HSK50E-SFS10-100	125	100	74	26	32	42	50	16	24	10	M8*1.0P	10	2	0.8
HSK50E-SFS10-120	145	120	94	26	32	42	50	16	25	10	M8*1.0P	10	2	1
HSK50E-SFS10-150	175	150	124	26	32	42	50	16	28	10	M8*1.0P	10	2	1.2
HSK50E-SFS12-70	95	70	44	26	37	47	50	18	23	12	M10*1.0P	10	1	0.5
HSK50E-SFS12-80	105	80	54	26	37	47	50	18	24	12	M10*1.0P	10	1	0.6
HSK50E-SFS12-100	125	100	74	26	37	47	50	18	26	12	M10*1.0P	10	2	0.8
HSK50E-SFS12-120	145	120	94	26	37	47	50	18	27	12	M10*1.0P	10	2	1
HSK50E-SFS12-150	175	150	124	26	37	47	50	18	30	12	M10*1.0P	10	2	1.2

HSK63E-SFS 热缩刀柄（3 度细长型） HSK63E-SFS SHRINK CHUCK（3° C SLENDER TYPE）





FIG. 1

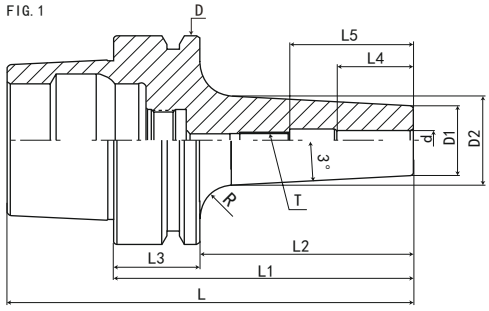
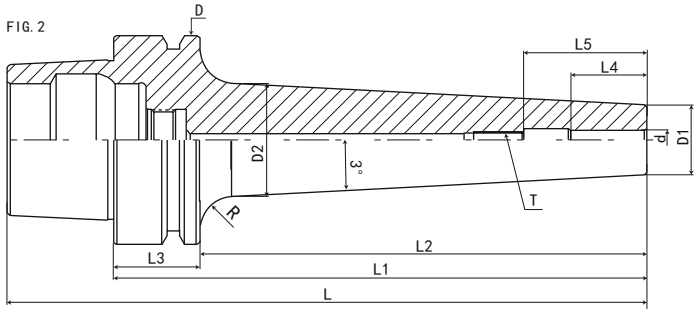


FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R 大圆弧	FIG	重量 KGS
HSK63E-SFS06-80	112	80	54	26	26	36	63	12	18	6	M5*0.8P	10	1	0.8
HSK63E-SFS06-120	152	120	94	26	26	36	63	12	22	6	M5*0.8P	10	2	0.9
HSK63E-SFS08-80	112	80	54	26	26	36	63	14	20	8	M6*1.0P	10	1	0.8
HSK63E-SFS08-120	152	120	94	26	26	36	63	14	24	8	M6*1.0P	10	2	0.9
HSK63E-SFS10-80	112	80	54	26	32	42	63	16	22	10	M8*1.0P	10	1	0.8
HSK63E-SFS10-120	152	120	94	26	32	42	63	16	26	10	M8*1.0P	10	2	0.9
HSK63E-SFS12-80	112	80	54	26	37	47	63	18	24	12	M10*1.0P	10	1	0.9
HSK63E-SFS12-120	152	120	94	26	37	47	63	18	28	12	M10*1.0P	10	2	1

HSK40F-SFS 热缩刀柄（3度细长型）

HSK40F-SFS SHRINK CHUCK（3° C SLENDER TYPE）





FIG. 1

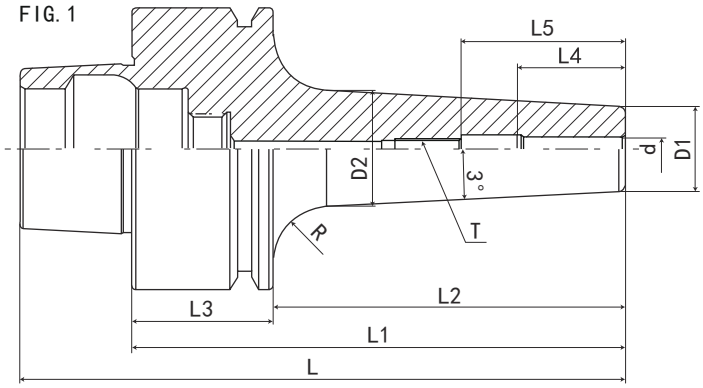
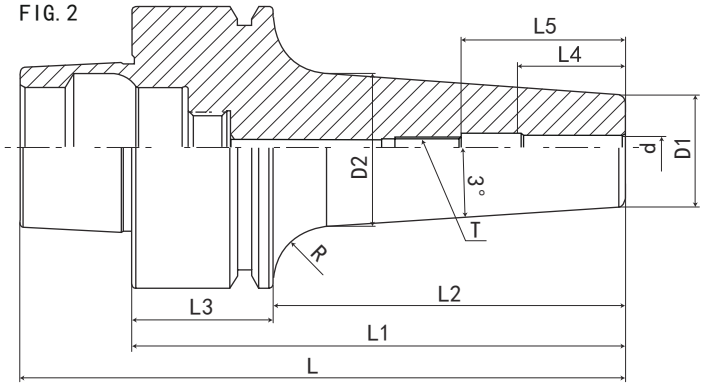


FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R 大圆弧	FIG	重量 KGS
HSK40F-SFS03-70	90	70	50	20	12	-	40	9	14	3	-	10	1	0.4
HSK40F-SFS04-70	90	70	50	20	16	-	40	10	15	4	-	10	1	0.4
HSK40F-SFS05-70	90	70	50	20	18	-	40	11	16	5	-	10	1	0.4
HSK40F-SFS06-70	90	70	50	20	26	36	40	12	17	6	M5*0.8P	10	2	0.4
HSK40F-SFS08-70	90	70	50	20	26	36	40	14	19	8	M6*1.0P	10	2	0.4
HSK40F-SFS10-70	90	70	50	20	32	42	40	16	22	10	M8*1.0P	10	2	0.5
HSK40F-SFS12-70	90	70	50	20	37	47	40	18	24	12	M10*1.0P	10	2	0.5

HSK63F-SFS 热缩刀柄（3 度细长型） HSK63F-SFS SHRINK CHUCK（3° C SLENDER TYPE）





FIG. 1

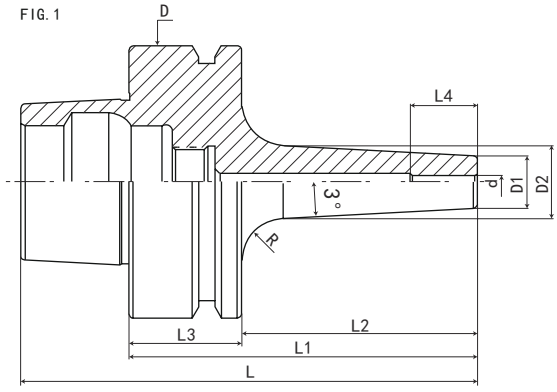
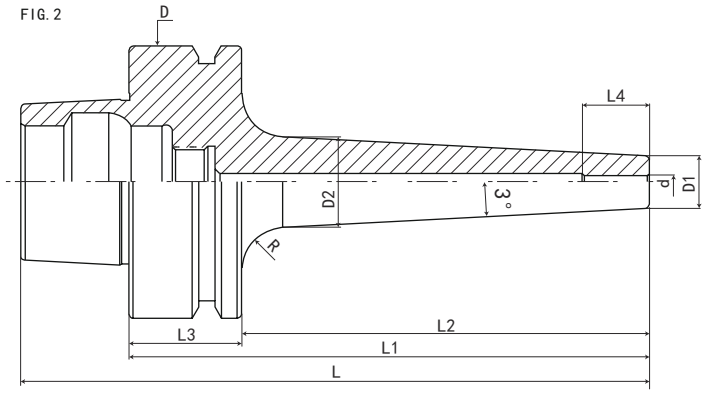


FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R 大圆弧	FIG	重量 KGS
HSK63F-SFS03-80	105	80	54	26	12	63	9	14	3	10	1	0.7
HSK63F-SFS03-120	145	120	94	26	12	63	9	16	3	10	2	0.8
HSK63F-SFS03-160	185	160	134	26	12	63	9	19	3	10	2	0.9
HSK63F-SFS04-80	105	80	54	26	16	63	10	15	4	10	1	0.7
HSK63F-SFS04-120	145	120	94	26	16	63	10	17	4	10	2	0.8
HSK63F-SFS04-160	185	160	134	26	16	63	10	20	4	10	2	0.9
HSK63F-SFS05-80	105	80	54	26	18	63	11	16	5	10	1	0.8
HSK63F-SFS05-120	145	120	94	26	18	63	11	18	5	10	2	0.8
HSK63F-SFS05-160	185	160	134	26	18	63	11	21	5	10	2	0.9

HSK63F-SFS 热缩刀柄（3 度细长型）

HSK63F-SFS SHRINK CHUCK（3° C SLENDER TYPE）





FIG. 1

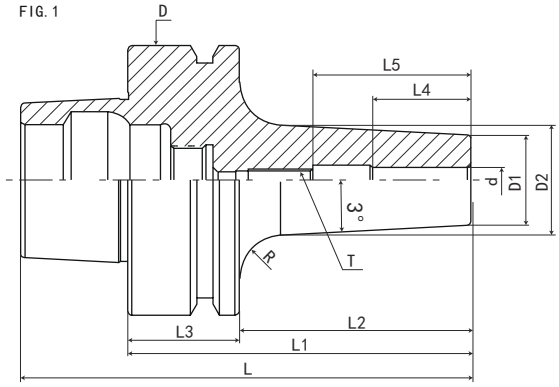
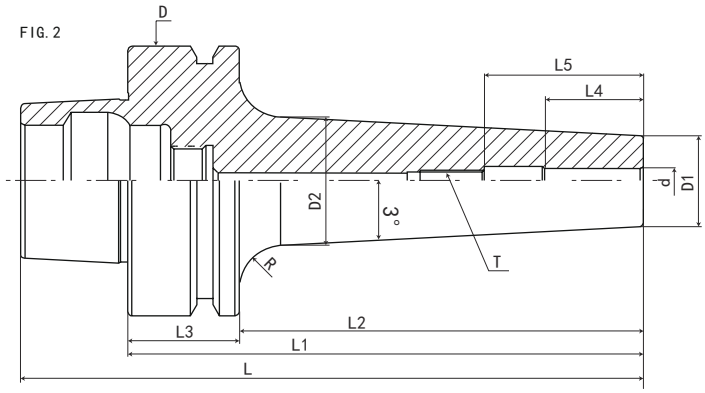


FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R 大圆弧	FIG	重量 KGS
HSK63F-SFS06-80	105	80	54	26	26	36	63	12	17	6	M5*0.8P	10	1	0.8
HSK63F-SFS06-120	145	120	94	26	26	36	63	12	21	6	M5*0.8P	10	2	0.9
HSK63F-SFS06-160	185	160	134	26	26	36	63	12	24	6	M5*0.8P	10	2	1
HSK63F-SFS08-80	105	80	54	26	26	36	63	14	19	8	M6*1.0P	10	1	0.8
HSK63F-SFS08-120	145	120	94	26	26	36	63	14	23	8	M6*1.0P	10	2	0.9
HSK63F-SFS08-160	185	160	134	26	26	36	63	14	24	8	M6*1.0P	10	2	1
HSK63F-SFS10-85	110	85	59	26	32	42	63	16	22	10	M8*1.0P	10	1	0.8
HSK63F-SFS10-120	145	120	94	26	32	42	63	16	25	10	M8*1.0P	10	2	0.9
HSK63F-SFS10-160	185	160	134	26	32	42	63	16	28	10	M8*1.0P	10	2	1
HSK63F-SFS12-90	115	90	64	26	37	47	63	18	24	12	M10*1.0P	10	1	0.8
HSK63F-SFS12-120	145	120	94	26	37	47	63	18	27	12	M10*1.0P	10	2	1
HSK63F-SFS12-160	185	160	134	26	37	47	63	18	30	12	M10*1.0P	10	2	1.2
HSK63F-SFS14-90	115	90	64	26	37	47	63	20	26	14	M10*1.0P	10	1	0.8
HSK63F-SFS14-120	145	120	94	26	37	47	63	20	29	14	M10*1.0P	10	2	1
HSK63F-SFS14-160	185	160	134	26	37	47	63	20	32	14	M10*1.0P	10	2	1.2
HSK63F-SFS16-95	120	95	69	26	40	50	63	22	29	16	M12*1.0P	10	1	0.9
HSK63F-SFS16-120	145	120	94	26	40	50	63	22	31	16	M12*1.0P	10	2	1
HSK63F-SFS16-160	185	160	134	26	40	50	63	22	34	16	M12*1.0P	10	2	1.3
HSK63F-SFS18-95	120	95	69	26	40	50	63	24	31	18	M12*1.0P	10	1	0.9
HSK63F-SFS18-120	145	120	94	26	40	50	63	24	33	18	M12*1.0P	10	2	1
HSK63F-SFS18-160	185	160	134	26	40	50	63	24	36	18	M12*1.0P	10	2	1.4
HSK63F-SFS20-100	125	100	74	26	42	52	63	27	34	20	M16*1.0P	10	1	1
HSK63F-SFS20-120	145	120	94	26	42	52	63	27	36	20	M16*1.0P	10	2	1.1
HSK63F-SFS20-160	185	160	134	26	42	52	63	27	38	20	M16*1.0P	10	2	1.5

HSK63A-SFK 热缩刀柄（4.5 度通水型） HSK63A-SFK SHRINK CHUCK（4.5° SHRINK-FIT COOLANT TYPE）



FIG. 1

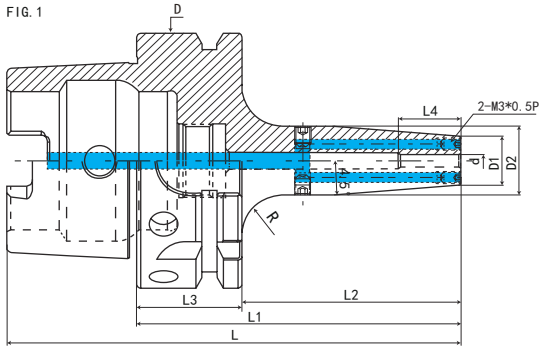
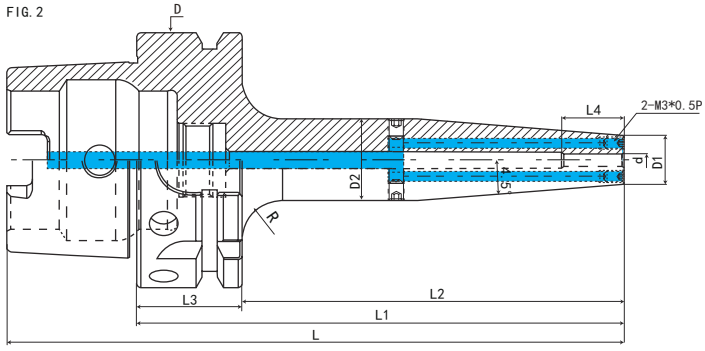




FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
HSK63A-SF03-80K	112	80	54	26	12	63	15	20	3	5	1	0.7
HSK63A-SF03-120K	152	120	94	26	12	63	15	20	3	5	2	1.1
HSK63A-SF03-160K	192	160	134	26	12	63	15	20	3	5	2	1.3
HSK63A-SF04-80K	112	80	54	26	16	63	15	20	4	5	1	0.7
HSK63A-SF04-120K	152	120	94	26	16	63	15	20	4	5	2	1.1
HSK63A-SF04-160K	192	160	134	26	16	63	15	20	4	5	2	1.3
HSK63A-SF05-80K	112	80	54	26	18	63	15	20	5	5	1	0.7
HSK63A-SF05-120K	152	120	94	26	18	63	15	20	5	5	2	1.1
HSK63A-SF05-160K	192	160	134	26	18	63	15	20	5	5	2	1.3

HSK63A-SFK 热缩刀柄（4.5 度通水型）

HSK63A-SFK SHRINK CHUCK（4.5° SHRINK-FIT COOLANT TYPE）







FIG. 1

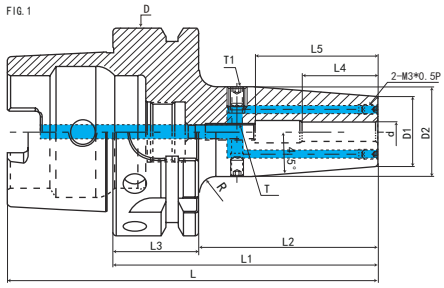


FIG. 2

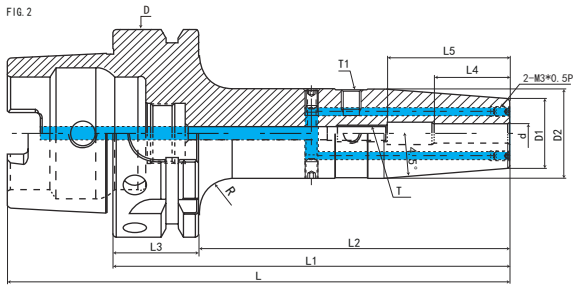
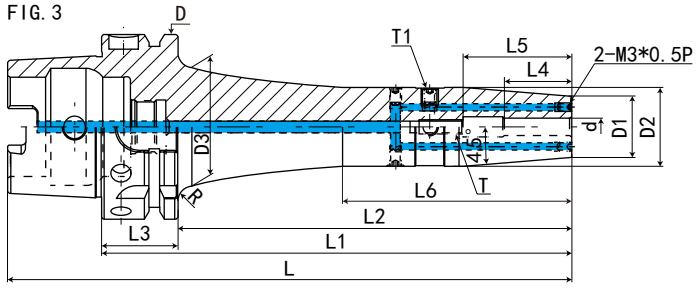


FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
HSK63A-SF06-80K	112	80	54	26	26	36	-	63	21	27	-	6	M5*0.8P	M6*1.0P	5	1	0.8
HSK63A-SF06-120K	152	120	94	26	26	36	-	63	21	27	-	6	M5*0.8P	M6*1.0P	10	2	1.1
HSK63A-SF06-160K	192	160	134	26	26	36	78	63	21	27	41	6	M5*0.8P	M6*1.0P	5	3	1.4
HSK63A-SF06-200K	232	200	174	26	26	36	118	63	21	27	41	6	M5*0.8P	M6*1.0P	5	3	1.7
HSK63A-SF08-80K	112	80	54	26	26	36	-	63	21	27	-	8	M6*1.0P	M6*1.0P	5	1	0.8
HSK63A-SF08-120K	152	120	94	26	26	36	-	63	21	27	-	8	M6*1.0P	M6*1.0P	10	2	1.1
HSK63A-SF08-160K	192	160	134	26	26	36	78	63	21	27	41	8	M6*1.0P	M6*1.0P	5	3	1.4
HSK63A-SF08-200K	232	200	174	26	26	36	118	63	21	27	41	8	M6*1.0P	M6*1.0P	5	3	1.7
HSK63A-SF10-85K	117	85	59	26	32	42	-	63	24	32	-	10	M8*1.0P	M6*1.0P	2	1	0.9
HSK63A-SF10-120K	152	120	94	26	32	42	-	63	24	32	-	10	M8*1.0P	M6*1.0P	10	2	1.2
HSK63A-SF10-160K	192	160	134	26	32	42	78	63	24	32	40	10	M8*1.0P	M6*1.0P	5	3	1.5
HSK63A-SF10-200K	232	200	174	26	32	42	118	63	24	32	40	10	M8*1.0P	M6*1.0P	5	3	1.8
HSK63A-SF12-90K	122	90	64	26	37	47	-	63	24	32	-	12	M10*1.0P	M6*1.0P	2	1	0.9
HSK63A-SF12-120K	152	120	94	26	37	47	-	63	24	32	-	12	M10*1.0P	M6*1.0P	10	2	1.2
HSK63A-SF12-160K	192	160	134	26	37	47	78	63	24	32	40	12	M10*1.0P	M6*1.0P	5	3	1.5
HSK63A-SF12-200K	232	200	174	26	37	47	118	63	24	32	40	12	M10*1.0P	M6*1.0P	5	3	1.8
HSK63A-SF14-90K	122	90	64	26	37	47	-	63	27	34	-	14	M10*1.0P	M6*1.0P	4	1	0.9
HSK63A-SF14-120K	152	120	94	26	37	47	-	63	27	34	-	14	M10*1.0P	M6*1.0P	10	2	1.2
HSK63A-SF14-160K	192	160	134	26	37	47	78	63	27	34	42	14	M10*1.0P	M6*1.0P	3	3	1.5
HSK63A-SF14-200K	232	200	174	26	37	47	118	63	27	34	42	14	M10*1.0P	M6*1.0P	3	3	1.8

HSK63A-SFK 热缩刀柄（4.5 度通水型）　HSK63A-SFK SHRINK CHUCK（4.5° SHRINK-FIT COOLANT TYPE）



FIG. 1

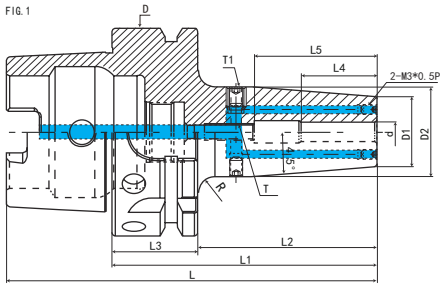




FIG. 2

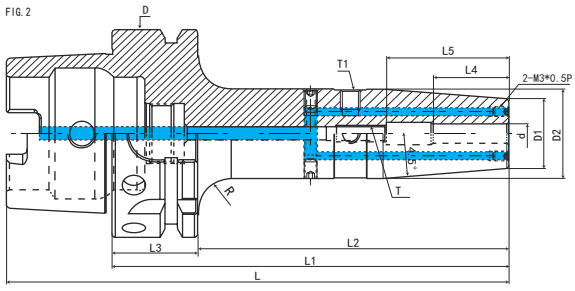
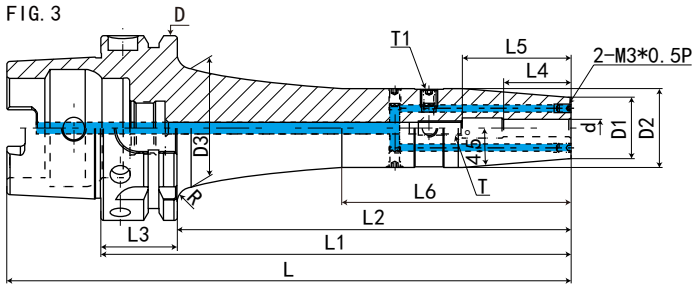




FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
HSK63A-SF16-95K	127	95	69	26	40	50	-	63	27	34	-	16	M12*1.0P	M6*1.0P	3	1	0.9
HSK63A-SF16-120K	152	120	94	26	40	50	-	63	27	34	-	16	M12*1.0P	M6*1.0P	10	2	1.2
HSK63A-SF16-160K	192	160	134	26	40	50	78	63	27	34	42	16	M12*1.0P	M6*1.0P	3	3	1.5
HSK63A-SF16-200K	232	200	174	26	40	50	118	63	27	34	42	16	M12*1.0P	M6*1.0P	3	3	1.8
HSK63A-SF18-95K	127	95	69	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	2	1	1.1
HSK63A-SF18-120K	152	120	94	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	1.3
HSK63A-SF18-160K	192	160	134	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	1.6
HSK63A-SF18-200K	232	200	174	26	40	50		63	33	42		18	M12*1.0P	M6*1.0P	5	2	1.9
HSK63A-SF20-100K	132	100	74	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	2	1	1.1
HSK63A-SF20-120K	152	120	94	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	1.3
HSK63A-SF20-160K	192	160	134	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	1.6
HSK63A-SF20-200K	232	200	174	26	42	52		63	33	42		20	M16*1.0P	M6*1.0P	5	2	1.9
HSK63A-SF25-115K	147	115	89	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	1	1.9
HSK63A-SF25-130K	162	130	104	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	2.1
HSK63A-SF25-160K	192	160	134	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	2.2
HSK63A-SF25-200K	232	200	174	26	48	58		63	44	53		25	M16*1.0P	M6*1.0P	2	2	2.5
HSK63A-SF32-120K	152	120	94	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	1	1.9
HSK63A-SF32-130K	162	130	104	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	2.2
HSK63A-SF32-160K	192	160	134	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	2.3
HSK63A-SF32-200K	232	200	174	26	52	62		63	44	53		32	M16*1.0P	M6*1.0P	2	2	2.6

HSK100A-SFK 热缩刀柄（4.5 度通水型）

HSK100A-SFK SHRINK CHUCK（4.5° SHRINK-FIT COOLANT TYPE）







FIG. 1

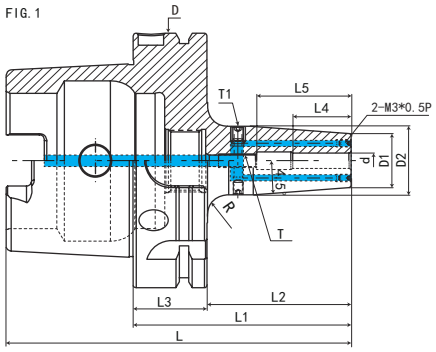


FIG. 2

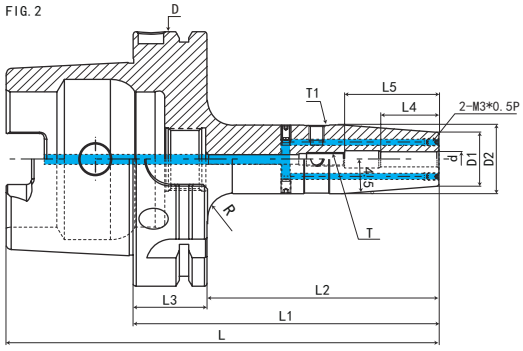
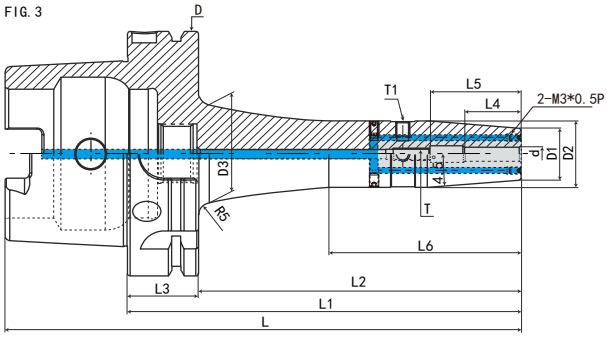


FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
HSK100A-SF06-85K	135	85	56	29	26	36	-	100	21	27	-	6	M5*0.8P	M6*1.0P	5	1	2.2
HSK100A-SF06-120K	170	120	91	29	26	36	-	100	21	27	-	6	M5*0.8P	M6*1.0P	10	2	2.5
HSK100A-SF06-160K	210	160	131	29	26	36	78	100	21	27	41	6	M5*0.8P	M6*1.0P	5	3	2.8
HSK100A-SF06-200K	250	200	171	29	26	36	118	100	21	27	41	6	M5*0.8P	M6*1.0P	5	3	3.1
HSK100A-SF08-85K	135	85	56	29	26	36	-	100	21	27	-	8	M6*1.0P	M6*1.0P	5	1	2.2
HSK100A-SF08-120K	170	120	91	29	26	36	-	100	21	27	-	8	M6*1.0P	M6*1.0P	10	2	2.5
HSK100A-SF08-160K	210	160	131	29	26	36	78	100	21	27	41	8	M6*1.0P	M6*1.0P	5	3	2.8
HSK100A-SF08-200K	250	200	171	29	26	36	118	100	21	27	41	8	M6*1.0P	M6*1.0P	5	3	3.1
HSK100A-SF10-90K	140	90	61	29	32	42	-	100	24	32	-	10	M8*1.0P	M6*1.0P	5	1	2.3
HSK100A-SF10-120K	170	120	91	29	32	42	-	100	24	32	-	10	M8*1.0P	M6*1.0P	10	2	2.6
HSK100A-SF10-160K	210	160	131	29	32	42	78	100	24	32	40	10	M8*1.0P	M6*1.0P	5	3	2.9
HSK100A-SF10-200K	250	200	171	29	32	42	118	100	24	32	40	10	M8*1.0P	M6*1.0P	5	3	3.2
HSK100A-SF12-95K	145	95	66	29	37	47	-	100	24	32	-	12	M10*1.0P	M6*1.0P	5	1	2.3
HSK100A-SF12-120K	170	120	91	29	37	47	-	100	24	32	-	12	M10*1.0P	M6*1.0P	10	2	2.6
HSK100A-SF12-160K	210	160	131	29	37	47	78	100	24	32	40	12	M10*1.0P	M6*1.0P	5	3	2.9
HSK100A-SF12-200K	250	200	171	29	37	47	118	100	24	32	40	12	M10*1.0P	M6*1.0P	5	3	3.2
HSK100A-SF14-95K	145	95	66	29	37	47	-	100	27	34	-	14	M10*1.0P	M6*1.0P	5	1	2.3
HSK100A-SF14-120K	170	120	91	29	37	47	-	100	27	34	-	14	M10*1.0P	M6*1.0P	10	2	2.6
HSK100A-SF14-160K	210	160	131	29	37	47	78	100	27	34	42	14	M10*1.0P	M6*1.0P	5	3	2.9
HSK100A-SF14-200K	250	200	171	29	37	47	118	100	27	34	42	14	M10*1.0P	M6*1.0P	5	3	3.2

HSK100A-SFK 热缩刀柄（4.5 度通水型）

HSK100A-SFK SHRINK CHUCK（4.5° SHRINK-FIT COOLANT TYPE）







FIG. 1

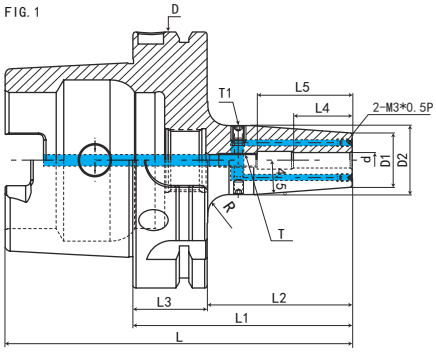


FIG. 2

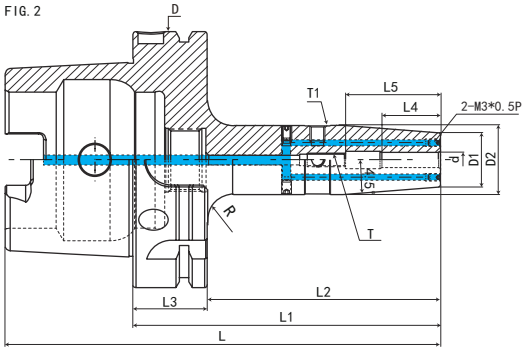
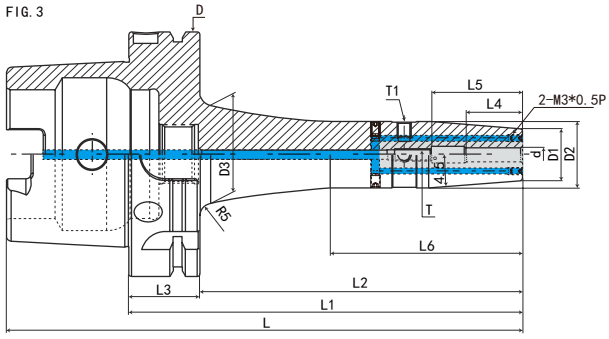


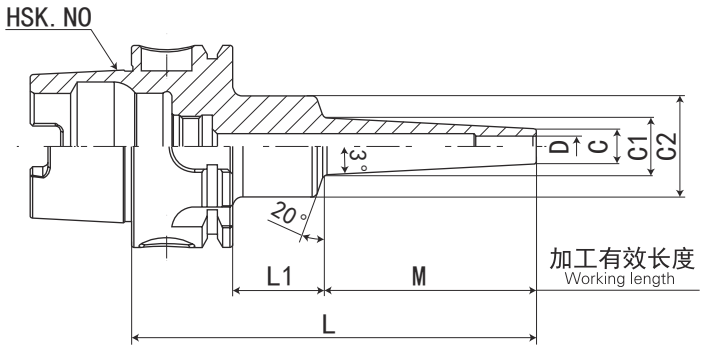
FIG. 3

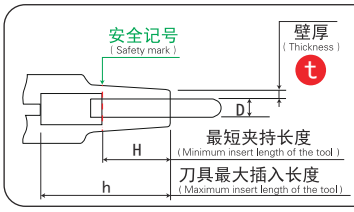


规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
HSK100A-SF16-100K	150	100	71	29	40	50	-	100	27	34	-	16	M12*1.0P	M6*1.0P	5	1	2.3
HSK100A-SF16-120K	170	120	91	29	40	50	-	100	27	34	-	16	M12*1.0P	M6*1.0P	10	2	2.6
HSK100A-SF16 -160K	210	160	131	29	40	50	78	100	27	34	42	16	M12*1.0P	M6*1.0P	5	3	2.9
HSK100A-SF16 -200K	250	200	171	29	40	50	118	100	27	34	42	16	M12*1.0P	M6*1.0P	5	3	3.2
HSK100A-SF18-100K	150	100	71	29	40	50	-	100	33	42	-	18	M12*1.0P	M6*1.0P	5	1	2.4
HSK100A-SF18 -120K	170	120	91	29	40	50	-	100	33	42	-	18	M12*1.0P	M6*1.0P	10	2	2.7
HSK100A-SF18 -160K	210	160	131	29	40	50	78	100	33	42		18	M12*1.0P	M6*1.0P	5	3	3.1
HSK100A-SF18-200K	250	200	171	29	40	50	118	100	33	42		18	M12*1.0P	M6*1.0P	5	3	3.5
HSK100A-SF20-105K	155	105	76	29	42	52	-	100	33	42	-	20	M16*1.0P	M6*1.0P	5	1	2.4
HSK100A-SF20-120K	170	120	91	29	42	52	-	100	33	42	-	20	M16*1.0P	M6*1.0P	10	2	2.7
HSK100A-SF20-160K	210	160	131	29	42	52	78	100	33	42		20	M16*1.0P	M6*1.0P	5	3	3.1
HSK100A-SF20-200K	250	200	171	29	42	52	118	100	33	42		20	M16*1.0P	M6*1.0P	5	3	3.5
HSK100A-SF25-115K	165	115	86	29	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	5	1	3.2
HSK100A-SF25-130K	180	130	101	29	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	10	2	3.4
HSK100A-SF25-160K	210	160	131	29	48	58	78	100	44	53		25	M16*1.0P	M6*1.0P	5	3	3.6
HSK100A-SF25-200K	250	200	171	29	48	58	118	100	44	53		25	M16*1.0P	M6*1.0P	5	3	3.8
HSK100A-SF32-120K	170	120	91	29	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	5	1	3.2
HSK100A-SF32-140K	190	140	111	29	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	10	2	3.4
HSK100A-SF32-160K	210	160	131	29	52	62	78	100	44	53		32	M16*1.0P	M6*1.0P	5	3	3.6
HSK100A-SF32-200K	250	200	171	29	52	62	118	100	44	53		32	M16*1.0P	M6*1.0P	5	3	3.8

HSK40A-SL 热缩刀柄（3°一体型） HSK40A-SL SHRINK FIT HOLDER(3° MONO)







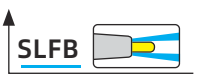
注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	D	C	t	L	M	L1	C1	C2	H	h	重量 KGS	S
HSK40A-SLSA3-60	3	6	1.5	60	22	18	8.3	20	9	44	0.2	4.8
HSK40A-SLSA3-65-M22	3	6	1.5	65	22	23	8.3	25	9	44	0.3	4.5
HSK40A-SLSA3-85-M42	3	6	1.5	85	42	23	10.4	25	9	64	0.3	9.1
HSK40A-SLSA3-100-M42	3	6	1.5	100	42	38	10.4	25	9	78	0.3	9.3
HSK40A-SLRA3-65-M22	3	7.5	2.25	65	22	23	9.8	25	9	44	0.3	2.7
HSK40A-SLRA3-85-M42	3	7.5	2.25	85	42	23	11.9	25	9	64	0.3	5.3
HSK40A-SLFB3-65-M22	3	9.5	3.25	65	22	23	11.8	25	9	44	0.3	1.2
HSK40A-SLFB3-85-M42	3	9.5	3.25	85	42	23	13.9	25	9	64	0.3	3.2
HSK40A-SLSA4-60	4	7	1.5	60	22	18	9.3	20	12	44	0.2	3.8
HSK40A-SLSA4-65-M22	4	7	1.5	65	22	23	9.3	25	12	44	0.3	3.5
HSK40A-SLSA4-80	4	7	1.5	80	42	18	11.4	20	12	64	0.2	7.5
HSK40A-SLSA4-85-M42	4	7	1.5	85	42	23	11.4	25	12	64	0.3	7.1
HSK40A-SLSA4-100-M42	4	7	1.5	100	42	38	11.4	25	12	78	0.3	7.4
HSK40A-SLRA4-65-M22	4	10	3	65	22	23	12.3	25	12	44	0.3	1.7
HSK40A-SLRA4-85-M42	4	10	3	85	42	23	14.4	25	12	64	0.3	3.1
HSK40A-SLFB4-65-M22	4	12	4	65	22	23	14.3	25	12	44	0.3	1.3
HSK40A-SLFB4-85-M42	4	12	4	85	42	23	16.4	25	12	64	0.3	2.2
HSK40A-SLSA6-65-M22	6	9	1.5	65	22	23	11.3	25	18	44	0.3	2.3
HSK40A-SLSA6-80	6	9	1.5	80	42	18	13.4	20	18	54	0.2	5.1
HSK40A-SLSA6-85-M42	6	9	1.5	85	42	23	13.4	25	18	64	0.3	4.8
HSK40A-SLSA6-100-M42	6	9	1.5	100	42	38	13.4	25	18	78	0.3	5.1
HSK40A-SLRA6-60	6	12	3	60	22	18	14.3	26	18	39	0.3	1.3
HSK40A-SLRA6-65-M22	6	12	3	65	22	23	14.3	25	18	44	0.3	1.3
HSK40A-SLRA6-85-M42	6	12	3	85	42	23	16.4	25	18	64	0.3	2.4
HSK40A-SLFB6-70-M22	6	14	4	70	22	28	16.3	32	18	48	0.4	1
HSK40A-SLFB6-90-M42	6	14	4	90	42	28	18.4	32	18	68	0.4	1.6

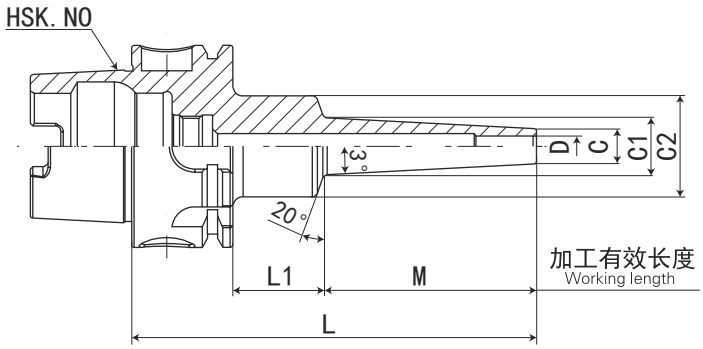
HSK40A - SLSA - 3 - 65 - M22

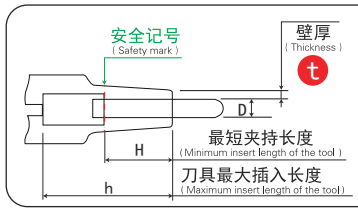
- M22 → 加工有效长度 Working length
- 65 → L 长度 Length (L)
- 3 → 刀 杆 直 径 Diameter
- SLSA → 功 能 代 号 Holder type
- HSK40A → 锥 柄 形 式 Taper size



HSK40A-SL 热缩刀柄（3°一体型） HSK40A-SL SHRINK FIT HOLDER(3° MONO)







注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	D	C	t	L	M	L1	C1	C2	H	h	重量 KGS	S
HSK40A-SLSA8-65-M22	8	11	1.5	65	22	23	13.3	25	24	44	0.3	1.6
HSK40A-SLSA8-85-M42	8	11	1.5	85	42	23	15.4	25	24	64	0.3	3.4
HSK40A-SLSA8-100-M42	8	11	1.5	100	42	38	15.4	25	24	78	0.3	3.8
HSK40A-SLRA8-65-M22	8	14	3	65	22	23	16.3	25	24	44	0.3	1.1
HSK40A-SLRA8-85-M42	8	14	3	85	42	23	18.4	25	24	64	0.3	2
HSK40A-SLFB8-70-M22	8	18	5	70	22	28	20.3	32	24	48	0.4	0.7
HSK40A-SLFB8-90-M42	8	18	5	90	42	28	22.4	32	24	68	0.4	1.1
HSK40A-SLSA10-65-M22	10	13	1.5	65	22	23	15.3	25	30	44	0.3	1.2
HSK40A-SLSA10-85-M42	10	13	1.5	85	42	23	17.4	25	30	64	0.3	2.6
HSK40A-SLSA10-90	10	13	1.5	90	42	28	17.4	26	30	64	0.3	2.6
HSK40A-SLSA10-100-M42	10	13	1.5	100	42	38	17.4	25	30	78	0.3	3
HSK40A-SLRA10-65	10	16	3	65	22	23	18.3	26	25	44	0.3	0.9
HSK40A-SLRA10-65-M22	10	16	3	65	22	23	18.3	25	30	44	0.3	1
HSK40A-SLRA10-90-M42	10	16	3	90	42	28	20.4	32	30	69	0.4	1.5
HSK40A-SLFB10-70-M22	10	22	6	70	22	28	24.3	32	30	48	0.4	0.6
HSK40A-SLFB10-90-M42	10	22	6	90	42	28	26.4	32	30	68	0.5	0.9
HSK40A-SLSA12-65-M22	12	15	1.5	65	22	23	17.3	25	30	44	0.3	1.1
HSK40A-SLSA12-90-M42	12	15	1.5	90	42	28	19.4	32	30	68	0.4	1.9
HSK40A-SLRA12-65-M22	12	20	4	65	22	23	22.3	25	30	44	0.3	0.8
HSK40A-SLFB12-70-M22	12	26	7	70	22	28	28.3	32	30	48	0.4	0.6
HSK40A-SLRA16-65-M22	16	26	5	65	22	23	28.3	33.5	32	43	0.4	0.5
HSK40A-SLRA20-70-M50	20	32	6	70	50	*	33.5	*	38	48	0.4	0.6

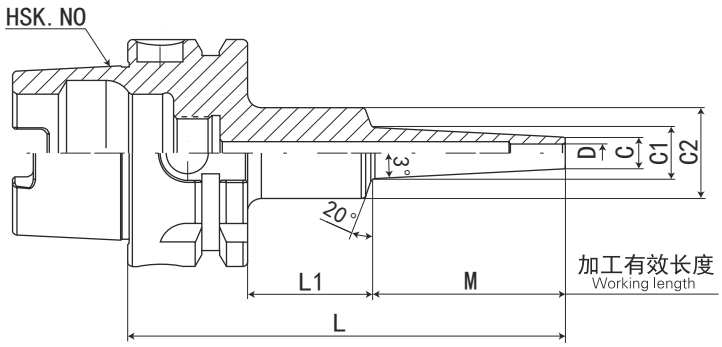
HSK40A - SLSA - 8 - 65 - M22

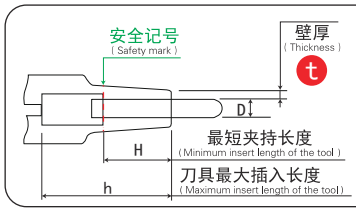
- M22 → 加工有效长度 Working length
- 65 → L 长度 Length (L)
- 8 → 刀杆直径 Diameter
- SLSA → 功能代号 Holder type
- HSK40A → 锥柄形式 Taper size



HSK50A-SL 热缩刀柄（3°一体型） HSK50A-SL SHRINK FIT HOLDER(3° MONO)







注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	D	C	t	L	M	L1	C1	C2	H	h	重量 KGS	S
HSK50A-SLSA3-95-M42	3	6	1.5	95	42	27	10.4	25	9	71	0.5	9.1
HSK50A-SLSA3-125-M42	3	6	1.5	125	42	57	10.4	25	9	101	0.6	9.8
HSK50A-SLRA3-75-M22	3	7.5	2.25	75	22	27	9.8	25	9	51	0.5	2.8
HSK50A-SLRA3-95-M42	3	7.5	2.25	95	42	27	11.9	25	9	71	0.5	5.3
HSK50A-SLRA3-125-M42	3	7.5	2.25	125	42	57	11.9	25	9	101	0.6	6
HSK50A-SLSA4-95-M42	4	7	1.5	95	42	27	11.4	25	12	71	0.5	7.2
HSK50A-SLSA4-125-M42	4	7	1.5	125	42	57	11.4	25	12	101	0.6	7.9
HSK50A-SLRA4-75-M22	4	10	3	75	22	27	12.3	25	12	51	0.5	1.7
HSK50A-SLRA4-95-M42	4	10	3	95	42	27	14.4	25	12	71	0.5	3.1
HSK50A-SLRA4-125-M42	4	10	3	125	42	57	14.4	25	12	101	0.6	3.8
HSK50A-SLSA6-95-M42	6	9	1.5	95	42	27	13.4	25	18	71	0.5	4.8
HSK50A-SLSA6-125-M42	6	9	1.5	15	42	57	13.4	25	18	101	0.6	5.6
HSK50A-SLRB6-75-M22	6	14	4	75	22	27	16.3	32	18	50	0.5	1
HSK50A-SLRB6-95-M42	6	14	4	95	42	27	18.4	32	18	70	0.6	1.6
HSK50A-SLRB6-125-M42	6	14	4	125	42	57	18.4	32	18	100	0.7	1.9
HSK50A-SLSA8-95-M42	8	11	1.5	95	42	27	15.4	25	24	71	0.5	3.4
HSK50A-SLSA8-125-M42	8	11	1.5	125	42	57	15.4	25	24	101	0.6	4.4
HSK50A-SLRB8-75-M22	8	18	5	75	22	27	20.3	32	24	50	0.6	0.7
HSK50A-SLRB8-95-M42	8	18	5	95	42	27	22.4	32	24	70	0.6	1.1
HSK50A-SLRB8-125-M42	8	18	5	125	42	57	22.4	32	24	100	0.8	1.5
HSK50A-SLSA10-95-M42	10	13	1.5	95	42	27	17.4	25	30	71	0.5	2.6
HSK50A-SLSA10-125-M42	10	13	1.5	125	42	57	17.4	25	30	101	0.6	3.7
HSK50A-SLRB10-75-M22	10	22	6	75	22	27	24.3	32	30	50	0.6	0.6
HSK50A-SLRB10-95-M42	10	22	6	95	42	27	26.4	32	30	70	0.6	0.9
HSK50A-SLRB10-125-M42	10	22	6	125	42	57	26.4	32	30	100	0.8	1.3
HSK50A-SLRB12-75-M22	12	26	7	75	22	27	28.3	42	30	52	0.7	0.4
HSK50A-SLRB12-95-M42	12	26	7	95	42	27	30.4	42	30	72	0.8	0.6
HSK50A-SLRB12-125-M42	12	26	7	125	42	57	30.4	42	30	98	1	0.8
HSK50A-SLRB16-75-M22	16	32	8	75	22	27	34.3	42	32	52	0.7	0.4
HSK50A-SLRB16-105-M22	16	32	8	105	22	57	34.3	42	32	78	1	0.5
HSK50A-SLRB20-75-M22*	20	38	9	75	22	27	40.3	49	40	51	0.8	0.3
HSK50A-SLRB20-105-M22*	20	38	9	105	22	57	40.3	49	40	76	1.2	0.4

HSK50A - SLSA - 3 - 95 - M42

- 95 → 加工有效长度 Working length
- 95 → L 长度 Length (L)
- 3 → 刀 杆 直 径 Diameter
- SLSA → 功 能 代 号 Holder type
- HSK50A → 锥 柄 形 式 Taper size

HSK63A-SL 热缩刀柄（3°一体型） HSK63A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

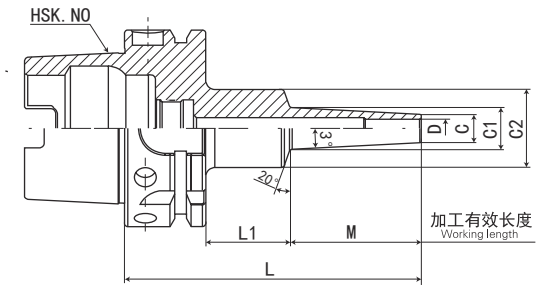
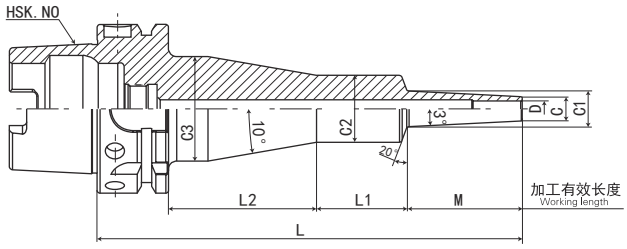
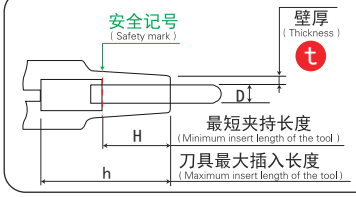


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK63A-SLSA3-95-M42	1	3	6	1.5	95	42	27	*	10.4	25	*	9	70	0.7	9.1
HSK63A-SLSA3-120-M67	1	3	6	1.5	120	67	27	*	13	25	*	9	95	0.8	14.7
HSK63A-SLSA3-125-M42	1	3	6	1.5	125	42	57	*	10.4	25	*	9	100	0.8	9.8
HSK63A-SLSA3-150-M67	1	3	6	1.5	150	67	57	*	13	25	*	9	125	0.8	15.8
HSK63A-SLSA3-150-M97	1	3	6	1.5	150	97	27	*	16.2	25	*	9	125	0.8	20.5
HSK63A-SLSA3-155-M42	2	3	6	1.5	155	42	33	54	10.4	26	40	9	130	1.2	9.9
HSK63A-SLSA3-180-M67	2	3	6	1.5	180	67	33	54	13	25	39	9	155	1.1	15.7
HSK63A-SLSA3-180-M97	1	3	6	1.5	180	97	57	*	16.2	25	*	9	155	0.9	22.2
HSK63A-SLSA3-210-M97	2	3	6	1.5	210	97	33	54	16.2	25	39	9	185	1.2	22.1
HSK63A-SLRA3-75-M22	1	3	7.5	2.25	75	22	27	*	9.8	25	*	9	50	0.7	2.8
HSK63A-SLRA3-95-M42	1	3	7.5	2.25	95	42	27	*	11.9	25	*	9	70	0.7	5.3
HSK63A-SLRA3-105-M22	1	3	7.5	2.25	105	22	57	*	9.8	25	*	9	80	0.8	3.2
HSK63A-SLRA3-120-M67	1	3	7.5	2.25	120	67	27	*	14.5	25	*	9	95	0.8	8.8
HSK63A-SLRA3-125-M42	1	3	7.5	2.25	125	42	57	*	11.9	25	*	9	100	0.8	6
HSK63A-SLRA3-135-M22	2	3	7.5	2.25	135	22	33	54	9.8	25	39	9	110	1.1	3.2
HSK63A-SLRA3-150-M67	1	3	7.5	2.25	150	67	57	*	14.5	25	*	9	125	0.9	9.9
HSK63A-SLRA3-150-M97	1	3	7.5	2.25	150	97	27	*	17.7	25	*	9	125	0.8	12.9
HSK63A-SLRA3-155-M42	2	3	7.5	2.25	155	42	33	54	11.9	25	39	9	130	1.1	6
HSK63A-SLRA3-180-M67	2	3	7.5	2.25	180	67	33	54	14.5	26	40	9	155	1.2	9.8
HSK63A-SLRA3-180-M97	1	3	7.5	2.25	180	97	57	*	17.7	25	*	9	155	0.9	14.6
HSK63A-SLRA3-180-M127	1	3	7.5	2.25	180	127	27	*	20.8	36	*	9	155	0.9	15.7
HSK63A-SLRA3-210-M97	2	3	7.5	2.25	210	97	33	54	17.7	25	39	9	185	1.2	14.4
HSK63A-SLRA3-210-M127	1	3	7.5	2.25	210	127	57	*	20.8	32	*	9	184	1.1	16.6
HSK63A-SLRA3-240-M127	2	3	7.5	2.25	240	127	30	54	20.8	32	46	9	214	1.5	16.5

HSK63A - SLSA - 3 - 95 - M42

- 加工有效长度 Working length
- L 长度 Length (L)
- 刀 杆 直 径 Diameter
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size

HSK63A-SL 热缩刀柄（3°一体型） HSK63A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

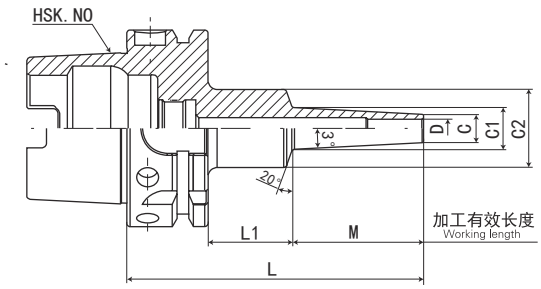
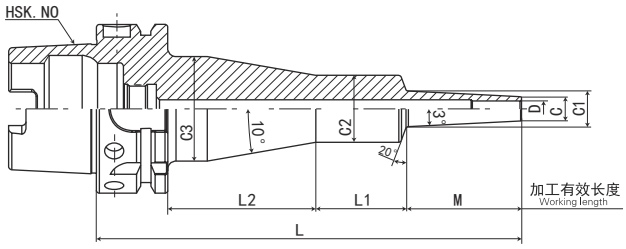
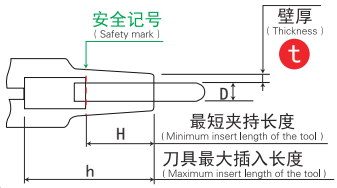


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK63A-SLFB3-75-M22	1	3	9.5	3.25	75	22	27	*	11.8	25	*	9	50	0.7	1.9
HSK63A-SLFB3-95-M42	1	3	9.5	3.25	95	42	27	*	13.9	25	*	9	70	0.8	3.2
HSK63A-SLFB3-105-M22	1	3	9.5	3.25	105	22	57	*	11.8	26	*	9	80	0.9	2.3
HSK63A-SLFB3-120-M67	1	3	9.5	3.25	120	67	27	*	16.5	25	*	9	95	0.8	5.3
HSK63A-SLFB3-125-M42	1	3	9.5	3.25	125	42	57	*	13.9	26	*	9	100	0.9	3.8
HSK63A-SLFB3-135-M22	2	3	9.5	3.25	135	22	33	54	11.8	25	39	9	110	1.1	2.3
HSK63A-SLFB3-150-M67	1	3	9.5	3.25	150	67	57	*	16.5	25	*	9	125	0.9	6.4
HSK63A-SLFB3-155-M42	2	3	9.5	3.25	155	42	33	54	13.9	25	39	9	130	1.1	3.9
HSK63A-SLFB3-180-M67	2	3	9.5	3.25	180	67	33	54	16.5	25	39	9	155	1.2	6.4
HSK63A-SLSA4-95-M42	1	4	7	1.5	95	42	27	*	11.4	25	*	12	70	0.7	7.2
HSK63A-SLSA4-120-M67	1	4	7	1.5	120	67	27	*	14	25	*	12	95	0.8	11.7
HSK63A-SLSA4-125-M42	1	4	7	1.5	125	42	57	*	11.4	25	*	12	100	0.8	7.9
HSK63A-SLSA4-150-M67	1	4	7	1.5	150	67	57	*	14	25	*	12	125	0.9	12.8
HSK63A-SLSA4-150-M97	1	4	7	1.5	150	97	27	*	17.2	25	*	12	125	0.8	16.6
HSK63A-SLSA4-155-M42	2	4	7	1.5	155	42	33	54	11.4	25	39	12	130	1.1	7.9
HSK63A-SLSA4-180-M67	2	4	7	1.5	180	67	33	54	14	25	39	12	155	1.1	12.8
HSK63A-SLSA4-180-M97	1	4	7	1.5	180	97	57	*	17.2	25	*	12	155	0.9	18.4
HSK63A-SLSA4-210-M97	2	4	7	1.5	210	97	33	54	17.2	25	39	12	185	1.2	18.2
HSK63A-SLRA4-75-M22	1	4	10	3	75	22	27	*	12.3	25	*	12	50	0.7	1.7
HSK63A-SLRA4-95-M42	1	4	10	3	95	42	27	*	14.4	25	*	12	70	0.8	3.1
HSK63A-SLRA4-105-M22	1	4	10	3	105	22	57	*	12.3	25	*	12	80	0.8	2.2
HSK63A-SLRA4-120-M67	1	4	10	3	120	67	27	*	17	25	*	12	95	0.8	5.1
HSK63A-SLRA4-125-M42	1	4	10	3	125	42	57	*	14.4	25	*	12	100	0.8	3.8
HSK63A-SLRA4-135-M22	2	4	10	3	135	22	33	54	12.3	25	39	12	110	1.1	2.2
HSK63A-SLRA4-150-M67	1	4	10	3	150	67	57	*	17	25	*	12	125	0.9	6.3
HSK63A-SLRA4-150-M97	1	4	10	3	150	97	27	*	20.2	25	*	12	124	0.8	7.7

HSK63A - SLSA - 3 - 95 - M42

- M42 → 加工有效长度 Working length
- 95 → L 长度 Length (L)
- 3 → 刀杆直径 Diameter
- SLSA → 功能代号
- HSK63A → 锥柄形式 Taper size



HSK63A-SL 热缩刀柄（3°一体型） HSK63A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

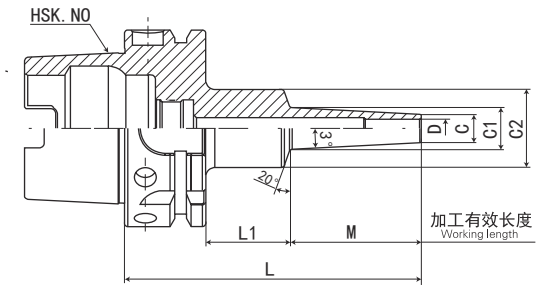
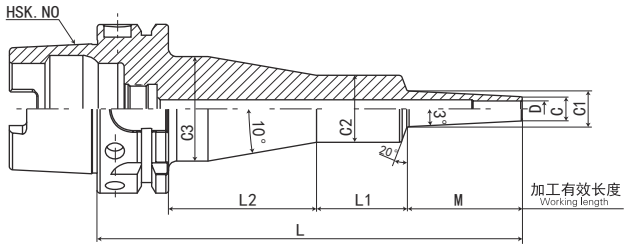
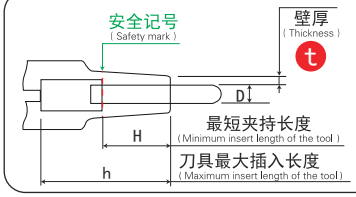


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK63A-SLRA4-155-M42	2	4	10	3	155	42	33	54	14.4	25	39	12	130	1.1	3.8
HSK63A-SLRA4-180-M67	2	4	10	3	180	67	33	54	17	25	39	12	155	1.2	6.2
HSK63A-SLRA4-180-M97	1	4	10	3	180	97	57	*	20.2	25	*	12	154	0.9	9.5
HSK63A-SLRA4-180-M127	1	4	10	3	180	127	27	*	23.3	32	*	12	154	1	9.4
HSK63A-SLRA4-210-M97	2	4	10	3	210	97	33	54	20.2	25	39	12	184	1.2	9.4
HSK63A-SLRA4-210-M127	1	4	10	3	210	127	57	*	23.3	32	*	12	184	1.1	10.4
HSK63A-SLRA4-240-M127	2	4	10	3	240	127	30	57	23.3	32	46	12	214	1.5	10.3
HSK63A-SLFB4-75-M22	1	4	12	4	75	22	27	*	14.3	25	*	12	50	0.7	1.3
HSK63A-SLFB4-95-M42	1	4	12	4	95	42	27	*	16.4	25	*	12	70	0.8	2.2
HSK63A-SLFB4-105-M22	1	4	12	4	105	22	57	*	14.3	25	*	12	80	0.8	1.8
HSK63A-SLFB4-120-M67	1	4	12	4	120	67	27	*	19	25	*	12	95	0.8	3.6
HSK63A-SLFB4-125-M42	1	4	12	4	125	42	57	*	16.4	25	*	12	100	0.9	2.9
HSK63A-SLFB4-135-M22	2	4	12	4	135	22	33	54	14.3	25	39	12	110	1.1	1.8
HSK63A-SLFB4-150-M67	1	4	12	4	150	67	57	*	19	25	*	12	125	0.9	4.7
HSK63A-SLFB4-155-M42	2	4	12	4	155	42	33	54	16.4	25	39	12	130	1.1	2.9
HSK63A-SLFB4-180-M67	2	4	12	4	180	67	33	54	19	25	39	12	155	1.2	4.6
HSK63A-SLSA6-95-M42	1	6	9	1.5	95	42	27	*	13.4	25	*	18	70	0.7	4.8
HSK63A-SLSA6-120-M67	1	6	9	1.5	120	67	27	*	16	25	*	18	95	0.8	8
HSK63A-SLSA6-125-M42	1	6	9	1.5	125	42	57	*	13.4	25	*	18	100	0.8	5.6
HSK63A-SLSA6-150-M67	1	6	9	1.5	150	67	57	*	16	25	*	18	125	0.9	9.3
HSK63A-SLSA6-150-M97	1	6	9	1.5	150	97	27	*	19.2	32	*	18	124	0.9	11
HSK63A-SLSA6-155-M42	2	6	9	1.5	155	42	33	54	13.4	25	39	18	130	1.1	5.6
HSK63A-SLSA6-180-M67	2	6	9	1.5	180	67	33	54	16	25	39	18	155	1.1	9.2
HSK63A-SLSA6-180-M97	1	6	9	1.5	180	97	57	*	19.2	32	*	18	154	1	11.7
HSK63A-SLSA6-210-M97	2	6	9	1.5	210	97	30	57	19.2	32	46	18	184	1.4	11.7

HSK63A - SLRA - 4 - 155 - M42

- 加工有效长度 Working length
- L 长度 Length (L)
- 刀 杆 直 径 Diameter
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size



HSK63A-SL 热缩刀柄（3°一体型） HSK63A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

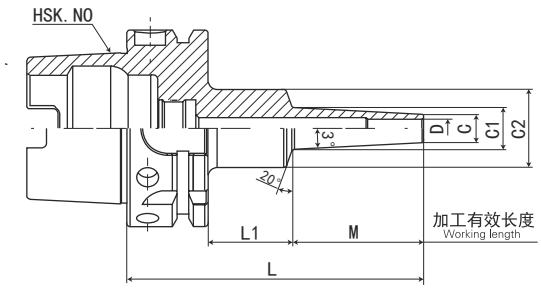
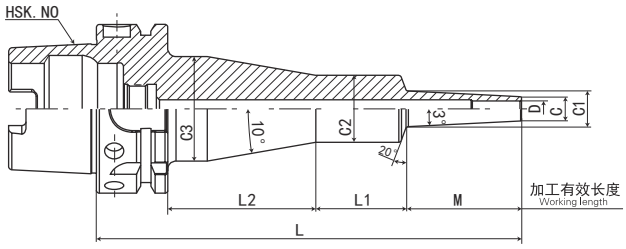
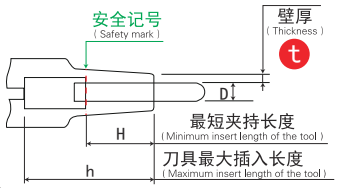


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK63A-SLSB6-95-M42	1	6	10	2	95	42	27	*	14.4	25	*	18	70	0.7	3.7
HSK63A-SLSB6-120-M67	1	6	10	2	120	67	27	*	17	25	*	18	95	0.8	6.2
HSK63A-SLSB6-125-M42	1	6	10	2	125	42	57	*	14.4	25	*	18	100	0.8	4.5
HSK63A-SLSB6-150-M67	1	6	10	2	150	67	57	*	17	25	*	18	125	0.9	7.4
HSK63A-SLSB6-150-M97	1	6	10	2	150	97	27	*	20.2	32	*	18	124	0.9	8.5
HSK63A-SLSB6-155-M42	2	6	10	2	155	42	33	54	14.4	25	39	18	130	1.1	4.4
HSK63A-SLSB6-180-M67	2	6	10	2	180	67	33	54	17	25	39	18	155	1.1	7.3
HSK63A-SLSB6-180-M97	1	6	10	2	180	97	57	*	20.2	32	*	18	154	1	9.2
HSK63A-SLSB6-180-M127	1	6	10	2	180	127	27	*	23.3	32	*	18	154	0.9	11
HSK63A-SLSB6-210-M97	2	6	10	2	210	97	30	57	20.2	32	46	18	184	1.4	9.2
HSK63A-SLSB6-210-M127	1	6	10	2	210	127	57	*	23.3	32	*	18	184	1.1	12
HSK63A-SLSB6-210-M157	1	6	10	2	210	157	27	*	26.5	32	*	18	184	1.1	13.2
HSK63A-SLSB6-240--M127	2	6	10	2	240	127	30	57	23.3	32	46	18	214	1.5	12
HSK63A-SLSB6-240-M157	1	6	10	2	240	157	57	*	26.5	32	*	18	214	1.2	14.6
HSK63A-SLSB6-270-M157	2	6	10	2	270	157	30	57	26.5	32	46	18	244	1.6	14.6
HSK63A-SLRB6-75-M22	1	6	14	4	75	22	27	*	16.3	32	*	18	49	0.8	1
HSK63A-SLRB6-95-M42	1	6	14	4	95	42	27	*	18.4	32	*	18	69	0.8	1.6
HSK63A-SLRB6-105-M22	1	6	14	4	105	22	57	*	16.3	32	*	18	79	0.9	1.2
HSK63A-SLRB6-120-M67	1	6	14	4	120	67	27	*	21	32	*	18	94	0.9	2.6
HSK63A-SLRB6-125-M42	1	6	14	4	125	42	57	*	18.4	32	*	18	99	1	1.9
HSK63A-SLRB6-135-M22	2	6	14	4	135	22	30	57	16.3	32	46	18	109	1.3	1.2
HSK63A-SLRB6-150-M67	1	6	14	4	150	67	57	*	21	32	*	18	124	1	3
HSK63A-SLRB6-155-M42	2	6	14	4	155	42	30	57	18.4	32	46	18	129	1.4	1.9
HSK63A-SLRB6-180-M67	2	6	14	4	180	67	30	57	21	32	46	18	154	1.4	3.1

HSK63A - SLSB - 6 - 95 - M42

- M42 → 加工有效长度 Working length
- 95 → L 长度 Length (L)
- 6 → 刀杆直径 Diameter
- SLSB → 功能代号 Holder type
- HSK63A → 锥柄形式 Taper size

HSK63A-SL 热缩刀柄（3°一体型） HSK63A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

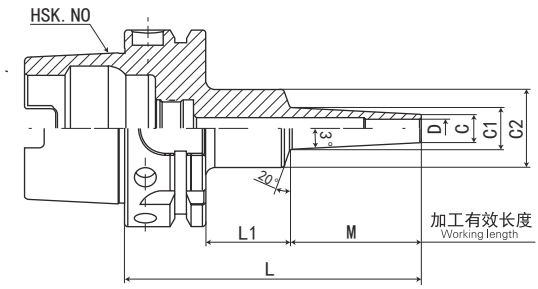
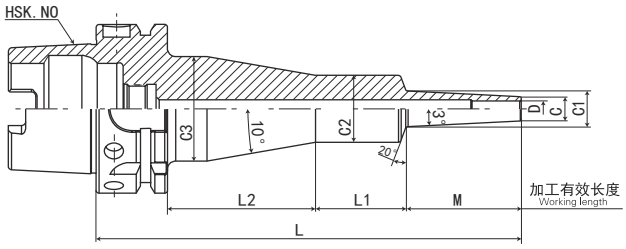
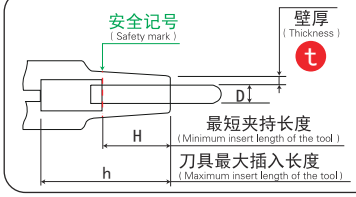


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK63A-SLFB6-75-M22	1	6	14	4	75	22	27	*	16.3	32	*	18	49	0.8	1
HSK63A-SLFB6-95-M42	1	6	14	4	95	42	27	*	18.4	32	*	18	69	0.8	1.6
HSK63A-SLFB6-105-M22	1	6	14	4	105	22	57	*	16.3	32	*	18	79	0.9	1.2
HSK63A-SLFB6-120-M67	1	6	14	4	120	67	27	*	21	32	*	18	94	0.9	2.6
HSK63A-SLFB6-125-M42	1	6	14	4	125	42	57	*	18.4	32	*	18	99	1	1.9
HSK63A-SLFB6-135-M22	2	6	14	4	135	22	30	57	16.3	32	46	18	109	1.3	1.2
HSK63A-SLFB6-150-M67	1	6	14	4	150	67	57	*	21	32	*	18	124	1	3
HSK63A-SLFB6-155-M42	2	6	14	4	155	42	30	57	18.4	32	46	18	129	1.4	1.9
HSK63A-SLFB6-180-M67	2	6	14	4	180	67	30	57	21	32	46	18	154	1.4	3.1
HSK63A-SLSA8-95-M42	1	8	11	1.5	95	42	27	*	15.4	25	*	24	70	0.7	3.4
HSK63A-SLSA8-120-M67	1	8	11	1.5	120	67	27	*	18	32	*	24	94	0.8	5.4
HSK63A-SLSA8-125-M42	1	8	11	1.5	125	42	57	*	15.4	25	*	24	100	0.8	4.3
HSK63A-SLSA8-150-M67	1	8	11	1.5	150	67	57	*	18	32	*	24	124	1	5.9
HSK63A-SLSA8-150-M97	1	8	11	1.5	150	97	27	*	21.2	32	*	24	124	0.9	7.9
HSK63A-SLSA8-155-M42	2	8	11	1.5	155	42	33	54	15.4	25	39	24	130	1.1	4.3
HSK63A-SLSA8-180-M67	2	8	11	1.5	180	67	30	57	18	32	46	24	154	1.4	5.9
HSK63A-SLSA8-180-M97	1	8	11	1.5	180	97	57	*	21.2	32	*	24	154	1	8.7
HSK63A-SLSA8-210-M97	2	8	11	1.5	210	97	30	57	21.2	32	46	24	184	1.4	8.7
HSK63A-SLSB8-95-M42	1	8	13	2.5	95	42	27	*	17.4	32	*	24	69	0.8	2.1
HSK63A-SLSB8-120-M67	1	8	13	2.5	120	67	27	*	20	32	*	24	94	0.9	3.5
HSK63A-SLSB8-125-M42	1	8	13	2.5	125	42	57	*	17.4	32	*	24	99	1	2.4
HSK63A-SLSB8-150-M67	1	8	13	2.5	150	67	57	*	20	32	*	24	124	1	4
HSK63A-SLSB8-150-M97	1	8	13	2.5	150	97	27	*	23.2	32	*	24	124	0.9	5.2
HSK63A-SLSB8-155-M42	2	8	13	2.5	155	42	30	57	17.4	32	46	24	129	1.4	2.4
HSK63A-SLSB8-180-M67	2	8	13	2.5	180	67	30	57	20	32	46	24	154	1.4	4
HSK63A-SLSB8-180-M97	1	8	13	2.5	180	97	57	*	23.2	32	*	24	154	1.1	6
HSK63A-SLSB8-180-M127	1	8	13	2.5	180	127	27	*	26.3	32	*	24	154	1	7

HSK63A - SLFB - 6 - 75 - M22

- 加工有效长度 Working length
- L 长度 Length (L)
- 刀 杆 直 径
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size



HSK63A-SL 热缩刀柄（3°一体型） HSK63A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

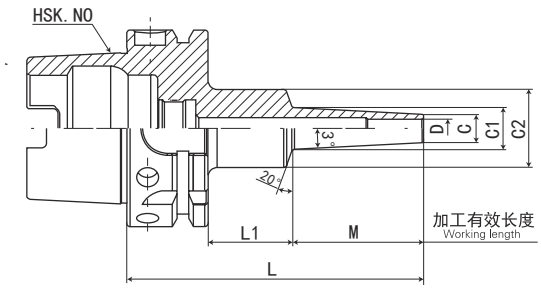
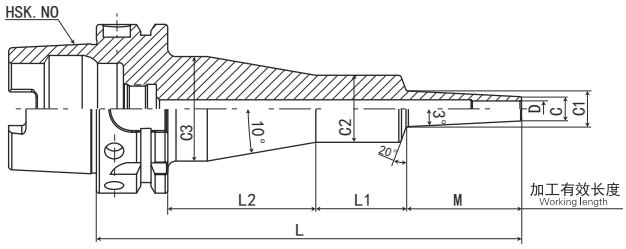
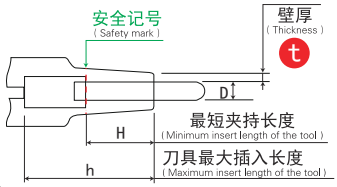


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK63A-SLSB8-210-M97	2	8	13	2.5	210	97	30	57	23.2	32	46	24	184	1.5	6
HSK63A-SLSB8-210-M127	1	8	13	2.5	210	127	57	*	26.3	32	*	24	184	1.2	8.1
HSK63A-SLSB8-210-M157	1	8	13	2.5	210	157	27	*	29.5	42	*	24	185	1.2	8
HSK63A-SLSB8-240-M127	2	8	13	2.5	240	127	30	57	26.3	32	46	24	214	1.6	8.1
HSK63A-SLSB8-240-M157	1	8	13	2.5	240	157	57	*	29.5	42	*	24	214	1.5	8.6
HSK63A-SLSB8-270-M157	2	8	13	2.5	270	157	28	59	29.5	42	53	24	242	2	8.7
HSK63A-SLRB8-75-M22	1	8	18	5	75	22	27	*	20.3	32	*	24	49	0.8	0.7
HSK63A-SLRB8-95-M42	1	8	18	5	95	42	27	*	22.4	32	*	24	69	0.9	1.1
HSK63A-SLRB8-105-M22	1	8	18	5	105	22	57	*	20.3	32	*	24	79	1	0.9
HSK63A-SLRB8-120-M67	1	8	18	5	120	67	27	*	25	32	*	24	94	0.9	1.7
HSK63A-SLRB8-125-M42	1	8	18	5	125	42	57	*	22.4	32	*	24	99	1	1.4
HSK63A-SLRB8-135-M22	2	8	18	5	135	22	30	57	20.3	32	46	24	109	1.4	1
HSK63A-SLRB8-150-M67	1	8	18	5	150	67	57	*	25	32	*	24	124	1.1	2.2
HSK63A-SLRB8-155-M42	2	8	18	5	155	42	30	57	22.4	32	46	24	129	1.4	1.4
HSK63A-SLRB8-180-M67	2	8	18	5	180	67	30	57	25	32	46	24	155	1.5	2.2
HSK63A-SLFB8-75-M22	1	8	18	5	75	22	27	*	20.3	32	*	24	49	0.8	0.7
HSK63A-SLFB8-95-M42	1	8	18	5	95	42	27	*	22.4	32	*	24	69	0.9	1.1
HSK63A-SLFB8-105-M22	1	8	18	5	105	22	57	*	20.3	32	*	24	79	1	0.9
HSK63A-SLFB8-120-M67	1	8	18	5	120	67	27	*	25	32	*	24	94	0.9	1.7
HSK63A-SLFB8-125-M42	1	8	18	5	125	42	57	*	22.4	32	*	24	99	1	1.4
HSK63A-SLFB8-135-M22	2	8	18	5	135	22	30	57	20.3	32	46	24	109	1.4	1
HSK63A-SLFB8-150-M67	1	8	18	5	150	67	57	*	25	32	*	24	124	1.1	2.2
HSK63A-SLFB8-155-M42	2	8	18	5	155	42	30	57	22.4	32	46	24	129	1.4	1.4
HSK63A-SLFB8-180-M67	2	8	18	5	180	67	30	57	25	36	46	24	154	1.5	2.2

HSK63A - SLSB - 8 - 210 - M97

- M97 → 加工有效长度 Working length
- 210 → L 长度 Length (L)
- 8 → 刀杆直径 Diameter
- SLSB → 功能代号
- HSK63A → 锥柄形式 Taper size

SLFB 

HSK63A-SL 热缩刀柄（3°一体型） HSK63A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

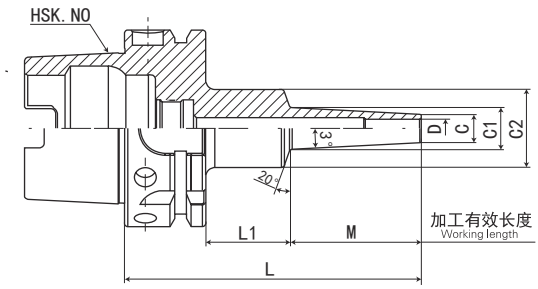
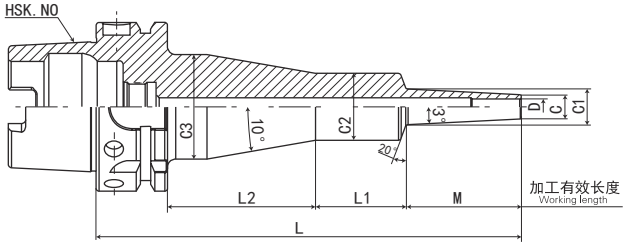
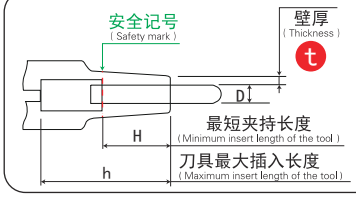


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK63A-SLSA10-95-M42	1	10	13	1.5	95	42	27	*	17.4	25	*	30	70	0.8	2.6
HSK63A-SLSA10-120-M67	1	10	13	1.5	120	67	27	*	20	32	*	30	94	0.8	4
HSK63A-SLSA10-125-M42	1	10	13	1.5	125	42	57	*	17.4	25	*	30	100	0.8	3.6
HSK63A-SLSA10-150-M67	1	10	13	1.5	150	67	57	*	20	32	*	30	124	1	4.6
HSK63A-SLSA10-150-M97	1	10	13	1.5	150	97	27	*	23.2	32	*	30	124	0.9	6
HSK63A-SLSA10-155-M42	2	10	13	1.5	155	42	33	54	17.4	25	39	30	130	1.1	3.5
HSK63A-SLSA10-180-M67	2	10	13	1.5	180	67	30	57	20	32	46	30	154	1.4	4.6
HSK63A-SLSA10-180-M97	1	10	13	1.5	180	97	57	*	23.2	32	*	30	154	1.1	6.9
HSK63A-SLSA10-210-M97	2	10	13	1.5	210	97	30	57	23.2	32	46	30	184	1.5	6.9
HSK63A-SLSB10-95-M42	1	10	16	3	95	42	27	*	20.4	32	*	30	69	0.8	1.4
HSK63A-SLSB10-120-M67	1	10	16	3	120	67	27	*	23	32	*	30	94	0.9	2.4
HSK63A-SLSB10-125-M42	1	10	16	3	125	42	57	*	20.4	32	*	30	99	1	1.8
HSK63A-SLSB10-150-M67	1	10	16	3	150	67	57	*	23	32	*	30	124	1	3
HSK63A-SLSB10-150-M97	1	10	16	3	150	97	27	*	26.2	32	*	30	124	1	3.6
HSK63A-SLSB10-155-M42	2	10	16	3	155	42	30	57	20.4	32	46	30	129	1.4	1.8
HSK63A-SLSB10-180-M67	2	10	16	3	180	67	30	57	23	32	46	30	154	1.4	3
HSK63A-SLSB10-180-M97	1	10	16	3	180	97	57	*	26.2	32	*	30	154	1.1	4.5
HSK63A-SLSB10-180-M127	1	10	16	3	180	127	27	*	29.3	42	*	30	155	1.2	4.5
HSK63A-SLSB10-210-M97	2	10	16	3	210	97	30	57	26.2	32	46	30	184	1.5	4.5
HSK63A-SLSB10-210-M127	1	10	16	3	210	127	57	*	29.3	42	*	30	182	1.4	4.9
HSK63A-SLSB10-210-M157	1	10	16	3	210	157	27	*	32.5	42	*	30	185	1.3	5.6
HSK63A-SLSB10-240-M127	2	10	16	3	240	127	28	59	29.3	42	53	30	212	1.9	5.0
HSK63A-SLSB10-240-M157	1	10	16	3	240	157	57	*	32.5	42	*	30	215	1.8	5.8
HSK63A-SLSB10-270-M157	2	10	16	3	270	157	28	59	32.5	42	53	30	242	2.1	6.2

HSK63A - SLRA - 10 - 95 - M42

- M42 → 加工有效长度 Working length
- 95 → L 长度 Length (L)
- 10 → 刀杆直径 Diameter
- SLRA → 功能代号 Holder type
- HSK63A → 锥柄形式 Taper size

HSK63A-SL 热缩刀柄（3°一体型） HSK63A-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

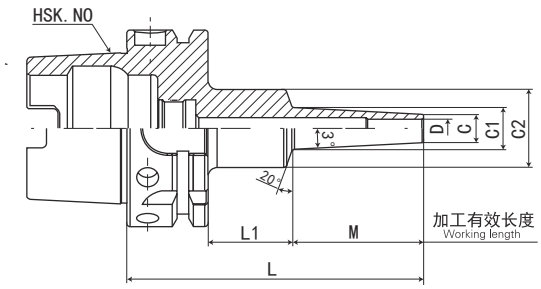
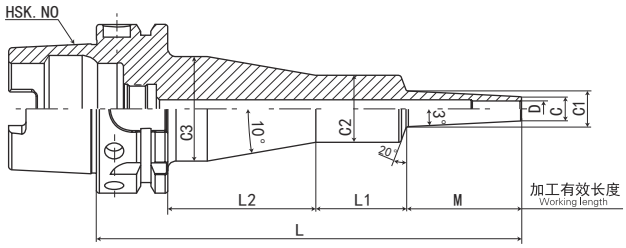
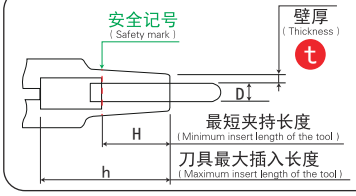


FIG. 2







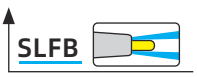
■ 注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK63A-SLRB10-75-M22	1	10	22	6	75	22	27	*	24.3	32	*	30	49	0.8	0.6
HSK63A-SLRB10-95-M42	1	10	22	6	95	42	27	*	26.4	32	*	30	68	0.9	0.8
HSK63A-SLRB10-105-M22	1	10	22	6	105	22	57	*	24.3	32	*	30	79	1	0.8
HSK63A-SLRB10-120-M67	1	10	22	6	120	67	27	*	29	42	*	30	94	1.1	1.1
HSK63A-SLRB10-125-M42	1	10	22	6	125	42	57	*	26.4	32	*	30	99	1.1	1.2
HSK63A-SLRB10-135-M22	2	10	22	6	135	22	30	57	24.3	32	46	30	109	1.4	0.9
HSK63A-SLRB10-150-M67	1	10	22	6	150	67	57	*	29	42	*	30	124	1.3	1.3
HSK63A-SLRB10-155-M42	2	10	22	6	155	42	30	57	26.4	32	46	30	129	1.5	1.2
HSK63A-SLRB10-180-M67	2	10	22	6	180	67	28	59	29	42	53	30	154	1.8	1.3
HSK63A-SLFB10-75-M22	1	10	22	6	75	22	27	*	24.3	32	*	30	49	0.8	0.6
HSK63A-SLFB10-95-M42	1	10	22	6	95	42	27	*	26.4	32	*	30	69	0.9	0.8
HSK63A-SLFB10-105-M22	1	10	22	6	105	22	57	*	24.3	32	*	30	79	1	0.8
HSK63A-SLFB10-120-M67	1	10	22	6	120	67	27	*	29	42	*	30	94	1.1	1.1
HSK63A-SLFB10-125-M42	1	10	22	6	125	42	57	*	26.4	32	*	30	99	1.1	1.2
HSK63A-SLFB10-135-M22	2	10	22	6	135	22	30	57	24.3	32	46	30	109	1.4	0.9
HSK63A-SLFB10-150-M67	1	10	22	6	150	67	57	*	29	42	*	30	124	1.3	1.3
HSK63A-SLFB10-155-M42	2	10	22	6	155	42	30	57	26.4	32	46	30	129	1.5	1.2
HSK63A-SLFB10-180-M67	2	10	22	6	180	67	28	59	29	42	53	30	154	1.8	1.3
HSK63A-SLSA12-95-M42	1	12	15	1.5	95	42	27	*	19.4	32	*	30	69	0.8	1.8
HSK63A-SLSA12-120-M67	1	12	15	1.5	120	67	27	*	22	32	*	30	94	0.8	3.3
HSK63A-SLSA12-125-M42	1	12	15	1.5	125	42	57	*	19.4	32	*	30	99	1	2.3
HSK63A-SLSA12-150-M67	1	12	15	1.5	150	67	57	*	22	32	*	30	124	1	3.9
HSK63A-SLSA12-150-M97	1	12	15	1.5	150	97	27	*	25.2	32	*	30	124	0.9	4.9
HSK63A-SLSA12-155-M42	2	12	15	1.5	155	42	30	57	19.4	32	46	30	129	1.4	2.3
HSK63A-SLSA12-180-M67	2	12	15	1.5	180	67	30	57	22	32	46	30	154	1.4	3.9
HSK63A-SLSA12-180-M97	1	12	15	1.5	180	97	57	*	25.2	32	*	30	154	1.1	5.8
HSK63A-SLSA12-210-M97	2	12	15	1.5	210	97	30	57	25.2	32	46	30	184	1.5	5.8

HSK63A - SLRB - 10 - 75 - M22

- M22 → 加工有效长度 Working length
- 75 → L 长度 Length (L)
- 10 → 刀 杆 直 径
- SLRB → 功 能 代 号 Holder type
- HSK63A → 锥 柄 形 式 Taper size



HSK63A-SL 热缩刀柄（3°一体型） HSK63A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

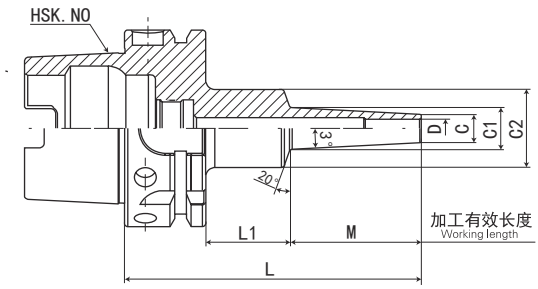
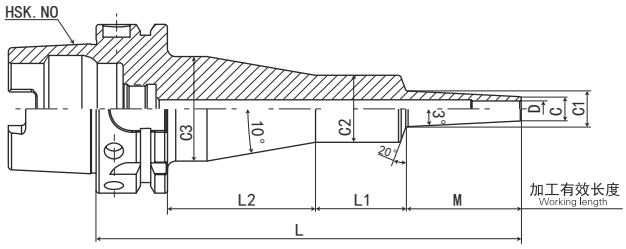
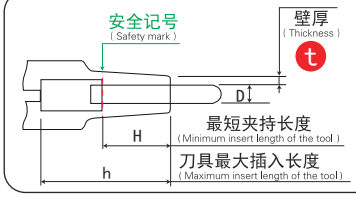


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK63A-SLSB12-95-M42	1	12	19	3.5	95	42	27	*	23.4	32	*	30	69	0.8	1.1
HSK63A-SLSB12-120-M67	1	12	19	3.5	120	67	27	*	26	32	*	30	94	0.9	1.8
HSK63A-SLSB12-125-M42	1	12	19	3.5	125	42	57	*	23.4	32	*	30	99	1	1.5
HSK63A-SLSB12-150-M67	1	12	19	3.5	150	67	57	*	26	32	*	30	124	1.1	2.5
HSK63A-SLSB12-150-M97	1	12	19	3.5	150	97	27	*	29.2	42	*	30	125	1.1	2.4
HSK63A-SLSB12-155-M42	2	12	19	3.5	155	42	30	57	23.4	32	46	30	129	1.4	1.6
HSK63A-SLSB12-180-M67	2	12	19	3.5	180	67	30	57	26	32	46	30	154	1.5	2.5
HSK63A-SLSB12-180-M97	1	12	19	3.5	180	97	57	*	29.2	42	*	30	152	1.4	2.8
HSK63A-SLSB12-180-M127	1	12	19	3.5	180	127	27	*	32.3	42	*	30	155	1.3	3.3
HSK63A-SLSB12-210-M97	1	12	19	3.5	210	97	87	*	29.2	50	*	30	180	1.9	2.8
HSK63A-SLSB12-210-M127	1	12	19	3.5	210	127	57	*	32.3	50	*	30	180	1.7	3.5
HSK63A-SLSB12-210-M157	1	12	19	3.5	210	157	27	*	35.5	42	*	30	185	1.4	4.1
HSK63A-SLSB12-240-M127	1	12	19	3.5	240	127	87	*	32.3	50	*	30	215	2.1	3.8
HSK63A-SLSB12-240-M157	1	12	19	3.5	240	157	57	*	35.5	42	*	30	212	1.7	4.7
HSK63A-SLSB12-270-M157	2	12	19	3.5	270	157	28	59	35.5	42	53	30	242	2.2	4.8
HSK63A-SLRB12-75-M22	1	12	26	7	75	22	27	*	28.3	42	*	30	50	0.9	0.4
HSK63A-SLRB12-95-M42	1	12	26	7	95	42	27	*	30.4	42	*	30	70	1	0.6
HSK63A-SLRB12-105-M22	1	12	26	7	105	22	57	*	28.3	42	*	30	77	1.2	0.5
HSK63A-SLRB12-120-M67	1	12	26	7	120	67	27	*	33	42	*	30	95	1.2	0.8
HSK63A-SLRB12-125-M42	1	12	26	7	125	42	57	*	30.4	42	*	30	97	1.3	0.7
HSK63A-SLRB12-135-M22	2	12	26	7	135	22	28	59	28.3	42	53	30	107	1.7	0.6
HSK63A-SLRB12-150-M67	1	12	26	7	150	67	57	*	33	42	*	30	122	1.4	1.1
HSK63A-SLRB12-155-M42	2	12	26	7	155	42	28	59	30.4	42	53	30	127	1.8	0.8
HSK63A-SLRB12-180-M67	2	12	26	7	180	67	28	59	33	42	53	30	152	1.9	1.1

HSK63A - SLSB - 12 - 95 - M42

- M42 → 加工有效长度 Working length
- 95 → L 长度 Length (L)
- 12 → 刀杆直径 Diameter
- SLSB → 功能代号 Holder type
- HSK63A → 锥柄形式 Taper size

HSK63A-SL 热缩刀柄（3°一体型） HSK63A-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

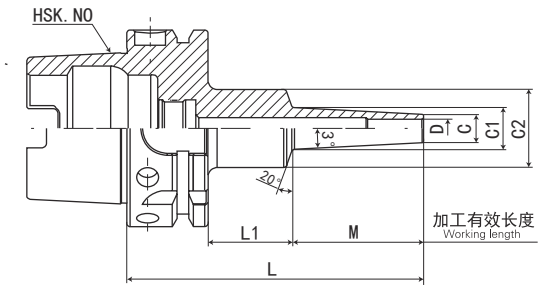
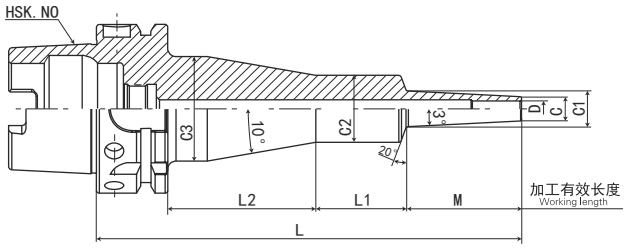
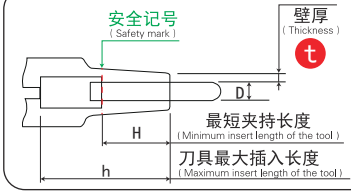




FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK63A-SLFB12-75-M22	1	12	26	7	75	22	27	*	28.3	42	*	30	50	0.9	0.4
HSK63A-SLFB12-95-M42	1	12	26	7	95	42	27	*	30.4	42	*	30	70	1	0.6
HSK63A-SLFB12-105-M22	1	12	26	7	105	22	57	*	28.3	42	*	30	77	1.2	0.5
HSK63A-SLFB12-120-M67	1	12	26	7	120	67	27	*	33	42	*	30	95	1.2	0.8
HSK63A-SLFB12-125-M42	1	12	26	7	125	42	57	*	30.4	42	*	30	97	1.3	0.7
HSK63A-SLFB12-135-M22	2	12	26	7	135	22	28	59	28.3	42	53	30	107	1.7	0.6
HSK63A-SLFB12-150-M67	1	12	26	7	150	67	57	*	33	42	*	30	122	1.4	1.1
HSK63A-SLFB12-155-M42	1	12	26	7	155	42	28	59	30.4	42	53	30	127	1.8	0.8
HSK63A-SLFB12-180-M67	2	12	26	7	180	67	28	59	33	42	53	30	152	1.9	1.1
HSK63A-SLSB16-95-M42	1	16	24	4	95	42	27	*	28.4	42	*	32	70	1	0.7
HSK63A-SLSB16-120-M67	1	16	24	4	120	67	27	*	31	42	*	32	95	1.1	1.1
HSK63A-SLSB16-125-M42	1	16	24	4	125	42	57	*	28.4	42	*	32	97	1.2	0.9
HSK63A-SLSB16-150-M67	1	16	24	4	150	67	57	*	31	42	*	32	122	1.3	1.4
HSK63A-SLSB16-150-M97	1	16	24	4	150	97	27	*	34.2	42	*	32	125	1.2	1.7
HSK63A-SLSB16-155-M42	1	16	24	4	155	42	87	*	28.4	50	*	32	130	1.7	0.9
HSK63A-SLSB16-180-M67	2	16	24	4	180	67	28	59	31	42	53	32	152	1.8	1.5
HSK63A-SLSB16-180-M97	1	16	24	4	180	97	57	*	34.2	42	*	32	152	1.4	2.1
HSK63A-SLSB16-180-M127	1	16	24	4	180	127	27	*	37.3	53	*	32	155	1.5	2.1
HSK63A-SLSB16-210-M97	2	16	24	4	210	97	28	59	34.2	42	53	32	182	2	2.1
HSK63A-SLSB16-210-M127	1	16	24	4	210	127	57	*	37.3	53	*	32	181	1.9	2.3
HSK63A-SLSB16-210-M157	1	16	24	4	210	157	27	*	40.5	53	*	32	185	1.7	2.7
HSK63A-SLSB16-240-M127	1	16	24	4	240	127	87	*	37.3	53	*	32	211	2.3	2.6
HSK63A-SLSB16-240-M157	1	16	24	4	240	157	57	*	40.5	53	*	32	215	2.1	2.9
HSK63A-SLSB16-270-M157	1	16	24	4	270	157	87	*	40.5	53	*	32	241	2.5	3.2

HSK63A - SLFB - 12 - 75 - M22

- M22 → 加工有效长度 Working length
- 75 → L 长度 Length (L)
- 12 → 刀杆直径 Diameter
- SLFB → 功能代号 Holder type
- HSK63A → 锥柄形式



HSK63A-SL 热缩刀柄（3°一体型） HSK63A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

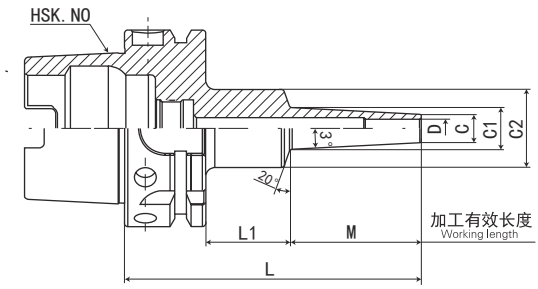
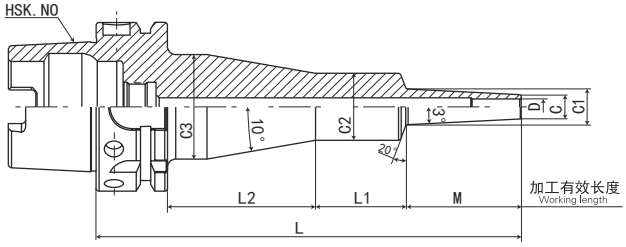
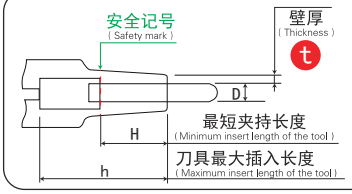


FIG. 2





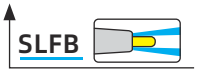
注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK63A-SLRB16-75-M22	1	16	32	8	75	22	27	*	34.3	42	*	32	50	1	0.3
HSK63A-SLRB16-95-M42	1	16	32	8	95	42	27	*	36.4	42	*	32	70	1.1	0.5
HSK63A-SLRB16-105-M22	1	16	32	8	105	22	57	*	34.3	42	*	32	77	1.2	0.5
HSK63A-SLRB16-120-M67	1	16	32	8	120	67	27	*	39	42	*	32	95	1.3	0.7
HSK63A-SLRB16-125-M42	1	16	32	8	125	42	57	*	36.4	42	*	32	97	1.3	0.7
HSK63A-SLRB16-135-M22	2	16	32	8	135	22	28	59	34.3	42	53	32	107	1.7	0.5
HSK63A-SLRB16-150-M67	1	16	32	8	150	67	57	*	39	42	*	32	122	1.5	0.9
HSK63A-SLRB16-155-M42	2	16	32	8	155	42	28	59	36.4	42	53	32	127	1.9	0.7
HSK63A-SLRB16-180-M67	2	16	32	8	180	67	28	59	39	42	53	32	152	2	1
HSK63A-SLFB16-75-M22	1	16	32	8	75	22	27	*	34.3	42	*	32	50	1	0.3
HSK63A-SLFB16-95-M42	1	16	32	8	95	42	27	*	36.4	42	*	32	70	1.1	0.5
HSK63A-SLFB16-105-M22	1	16	32	8	105	22	57	*	34.3	42	*	32	77	1.2	0.5
HSK63A-SLFB16-120-M67	1	16	32	8	120	67	27	*	39	42	*	32	95	1.3	0.7
HSK63A-SLFB16-125-M42	1	16	32	8	125	42	57	*	36.4	42	*	32	97	1.3	0.7
HSK63A-SLFB16-135-M22	2	16	32	8	135	22	28	59	34.3	42	53	32	107	1.7	0.5
HSK63A-SLFB16-150-M67	1	16	32	8	150	67	57	*	39	50	*	32	120	1.7	0.7
HSK63A-SLFB16-155-M42	2	16	32	8	155	42	28	59	36.4	42	53	32	127	1.9	0.7
HSK63A-SLFB16-180-M67	2	16	32	8	180	67	28	59	39	42	53	32	152	2	1
HSK63A-SLSB20-95-M42	1	20	29	4.5	95	42	27	*	33.4	42	*	40	70	1	0.5
HSK63A-SLSB20-120-M67	1	20	29	4.5	120	67	27	*	36	42	*	40	95	1.1	0.9
HSK63A-SLSB20-125-M42	1	20	29	4.5	125	42	57	*	33.4	42	*	40	97	1.2	0.8
HSK63A-SLSB20-150-M67	1	20	29	4.5	150	67	57	*	36	42	*	40	122	1.4	1.2
HSK63A-SLSB20-150-M97	1	20	29	4.5	150	97	27	*	39.2	53	*	40	125	1.4	1.1
HSK63A-SLSB20-155-M42	1	20	29	4.5	155	42	87	*	33.4	50	*	40	130	1.8	0.8
HSK63A-SLSB20-180-M67	2	20	29	4.5	180	67	28	59	36	42	53	40	152	1.9	1.2
HSK63A-SLSB20-180-M97	1	20	29	4.5	180	97	57	*	39.2	53	*	40	151	1.8	1.3
HSK63A-SLSB20-180-M127	1	20	29	4.5	180	127	27	*	42.3	53	*	40	155	1.6	1.5

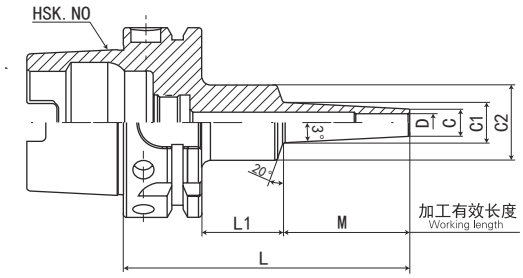
HSK63A - SLRB - 16 - 75 - M22

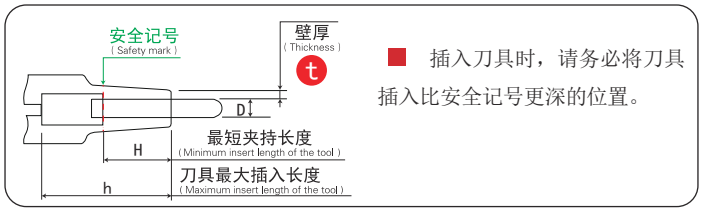
- 锥柄形式 Taper size
- 功能代号 Holder type
- 刀杆直径
- L 长度 Length (L)
- 加工有效长度 Working length



HSK63A-SL 热缩刀柄（3°一体型） HSK63A-SL SHRINK FIT HOLDER(3° MONO)







■ 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	D	C	t	L	M	L1	C1	C2	H	h	重量 KGS	S
HSK63A-SLSB20-210-M97	20	29	4.5	210	97	87	39.2	53	40	181	2.2	1.6
HSK63A-SLSB20-210-M127	20	29	4.5	210	127	57	42.3	53	40	181	2	1.8
HSK63A-SLSB20-210-M157	20	29	4.5	210	157	27	45.5	53	40	185	1.9	1.9
HSK63A-SLSB20-240-M127	20	29	4.5	240	127	87	42.3	53	40	211	2.3	2.1
HSK63A-SLSB20-240-M157	20	29	4.5	240	157	57	45.5	53	40	211	2.4	2.2
HSK63A-SLSB20-270-M157	20	29	4.5	270	157	87	45.5	53	40	241	2.7	2.6
HSK63A-SLRB20-95-M42	20	38	9	95	42	27	42.4	53	40	70	1.3	0.3
HSK63A-SLRB20-120-M67	20	38	9	120	67	27	45	53	40	95	1.5	0.5
HSK63A-SLRB20-125-M42	20	38	9	125	42	57	42.4	53	40	96	1.7	0.4
HSK63A-SLRB20-150-M67	20	38	9	150	67	57	45	53	40	121	1.9	0.6
HSK63A-SLRB20-155-M42	20	38	9	155	42	87	42.4	53	40	126	2.1	0.6
HSK63A-SLRB20-180-M67	20	38	9	180	67	87	45	53	40	151	2.3	0.8
HSK63A-SLFB20-95-M42	20	38	9	95	42	27	42.4	53	40	70	1.3	0.3
HSK63A-SLFB20-120-M67	20	38	9	120	67	27	45	53	40	95	1.5	0.5
HSK63A-SLFB20-125-M42	20	38	9	125	42	57	42.4	53	40	96	1.7	0.4
HSK63A-SLFB20-150-M67	20	38	9	150	67	57	45	50	40	120	1.9	0.7
HSK63A-SLFB20-155-M42	20	38	9	155	42	87	42.4	50	40	125	2	0.6
HSK63A-SLFB20-180-M67	20	38	9	180	67	87	45	53	40	151	2.3	0.8
HSK63A-SLRB25-95-M42	25	45	10	95	42	27	49.4	53	45	70	1.4	0.3
HSK63A-SLRB25-125-M42	25	45	10	125	42	57	49.4	53	45	96	1.8	0.4
HSK63A-SLRB25-155-M42	25	45	10	155	42	87	49.4	53	45	126	2.2	0.6
HSK63A-SLFB25-95-M42	25	45	10	95	42	27	49.4	53	45	70	1.4	0.3
HSK63A-SLFB25-125-M42	25	45	10	125	42	57	49.4	53	45	96	1.8	0.4
HSK63A-SLFB25-155-M42	25	45	10	155	42	87	49.4	53	45	126	2.2	0.6
HSK63A-SLRB32-110-M42	32	54	11	110	42	42	58.4	63	50	84	1.8	0.3

HSK63A - SLSB - 20 - 210 - M97

- M97 → 加工有效长度 Working length
- 210 → L 长度 Length (L)
- 20 → 刀杆直径 Diameter
- SLSB → 功能代号 Holder type
- HSK63A → 锥柄形式 Taper size

SLFB 

HSK63A-SL 热缩刀柄（CV 曲线型） HSK63A-SL SHRINK FIT HOLDER(CV CURVE)





FIG. 1

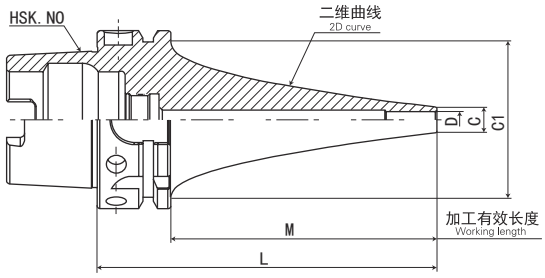
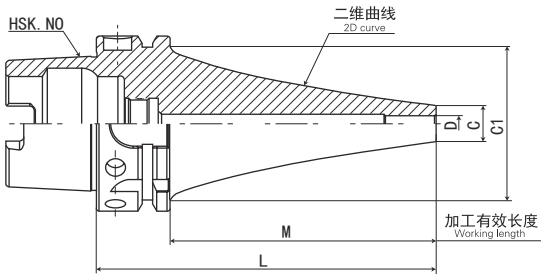
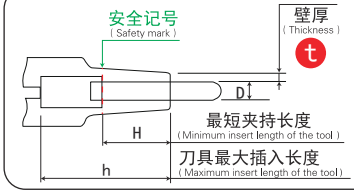


FIG. 2





■ 注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	C1	H	h	重量 KGS	S
HSK63A-SLSA4-90CV	1	4	7	1.5	90	64	53	12	65	1	1.8
HSK63A-SLSA4-120CV	1	4	7	1.5	120	94	53	12	95	1.1	2.7
HSK63A-SLSA4-150CV	1	4	7	1.5	150	124	53	12	125	1.3	4
HSK63A-SLSA4-180CV	1	4	7	1.5	180	154	53	12	154	1.4	6.6
HSK63A-SLSA4-210CV	1	4	7	1.5	210	184	53	12	185	1.4	11.6
HSK63A-SLSA4-240CV	1	4	7	1.5	240	214	53	12	214	1.6	14
HSK63A-SLSA4-270CV	1	4	7	1.5	270	244	53	12	245	2	11.9
HSK63A-SLSA4-300CV	1	4	7	1.5	300	274	53	12	275	2.1	15.9
HSK63A-SLRA4-120CV	2	4	10	3	120	94	53	12	95	1	1.9
HSK63A-SLRA4-150CV	2	4	10	3	150	124	53	12	125	1.1	2.9
HSK63A-SLRA4-180CV	2	4	10	3	180	154	53	12	155	1.4	3.3
HSK63A-SLRA4-210CV	2	4	10	3	210	184	53	12	185	1.4	5.6
HSK63A-SLSA6-90CV	1	6	9	1.5	90	64	53	18	65	1	1.6
HSK63A-SLSA6-120CV	1	6	9	1.5	120	94	53	18	95	1.1	2.3
HSK63A-SLSA6-150CV	1	6	9	1.5	150	124	53	18	125	1.3	3.6
HSK63A-SLSA6-180CV	1	6	9	1.5	180	154	53	18	154	1.4	5.7
HSK63A-SLSA6-210CV	1	6	9	1.5	210	184	53	18	184	1.6	7.3
HSK63A-SLSA6-240CV	1	6	9	1.5	240	214	53	18	214	1.6	12
HSK63A-SLSA6-270CV	1	6	9	1.5	270	244	53	18	245	2.1	8.5
HSK63A-SLSA6-300CV	1	6	9	1.5	300	274	53	18	275	2.3	11.7
HSK63A-SLRA6-90CV	2	6	13	3.5	90	64	53	18	65	1	0.8
HSK63A-SLRA6-120CV	2	6	13	3.5	120	94	53	18	95	1.1	1.2
HSK63A-SLRA6-150CV	2	6	13	3.5	150	124	53	18	125	1.3	1.9
HSK63A-SLRA6-180CV	2	6	13	3.5	180	154	53	18	155	1.4	2.8
HSK63A-SLRA6-210CV	2	6	13	3.5	210	184	53	18	185	1.4	4.8

HSK63A - SLSA - 4 - 90 - CV

- CV → 曲线型 Curve
- 90 → L长度 Length (L)
- 4 → 刀杆直径 Diameter
- SLSA → 功能代号 Holder type
- HSK63A → 锥柄形式 Taper size

HSK63A-SL 热缩刀柄（CV 曲线型） HSK63A-SL SHRINK FIT HOLDER(CV CURVE)





FIG. 1

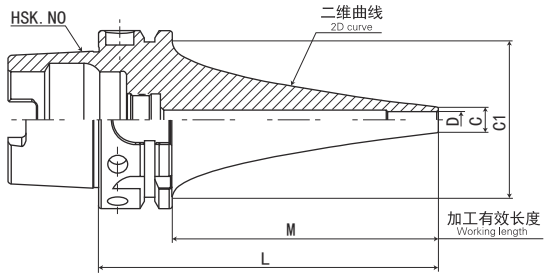
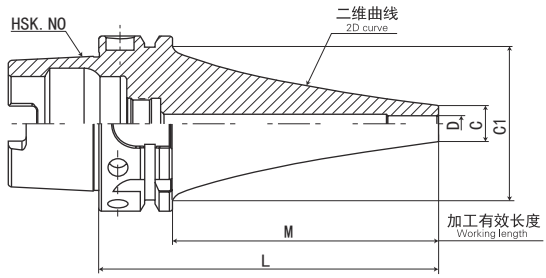
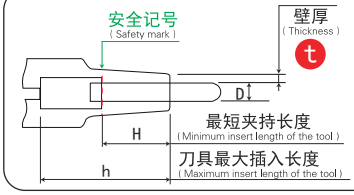


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	C1	H	h	重量 KGS	S
HSK63A-SLFA6-90CV	2	6	13	3.5	90	64	53	18	65	1	0.8
HSK63A-SLFA6-120CV	2	6	13	3.5	120	94	53	18	95	1.1	1.2
HSK63A-SLFA6-150CV	2	6	13	3.5	150	124	53	18	125	1.3	1.9
HSK63A-SLFA6-180CV	2	6	13	3.5	180	154	53	18	155	1.4	2.8
HSK63A-SLFA6-210CV	2	6	13	3.5	210	184	53	18	185	1.4	4.8
HSK63A-SLSA8-90CV	1	8	11	1.5	90	64	53	24	65	1	1.4
HSK63A-SLSA8-120CV	1	8	11	1.5	120	94	53	24	94	1.1	2
HSK63A-SLSA8-150CV	1	8	11	1.5	150	124	53	24	124	1.3	2.7
HSK63A-SLSA8-180CV	1	8	11	1.5	180	154	53	24	155	1.4	5
HSK63A-SLSA8-210CV	1	8	11	1.5	210	184	53	24	184	1.6	6.6
HSK63A-SLSA8-240CV	1	8	11	1.5	240	214	53	24	214	1.8	8.3
HSK63A-SLSA8-270CV	1	8	11	1.5	270	244	53	24	244	2.2	6.9
HSK63A-SLSA8-300CV	1	8	11	1.5	300	274	53	24	274	2.4	8.9
HSK63A-SLRA8-90CV	2	8	16	4	90	64	53	24	65	1	0.7
HSK63A-SLRA8-120CV	2	8	16	4	120	94	53	24	95	1.2	1
HSK63A-SLRA8-150CV	2	8	16	4	150	124	53	24	125	1.4	1.4
HSK63A-SLRA8-180CV	2	8	16	4	180	154	53	24	155	1.5	2
HSK63A-SLRA8-210CV	2	8	16	4	210	184	53	24	185	1.6	3.5
HSK63A-SLFA8-90CV	2	8	16	4	90	64	53	24	65	1	0.7
HSK63A-SLFA8-120CV	2	8	16	4	120	94	53	24	95	1.2	1
HSK63A-SLFA8-150CV	2	8	16	4	150	124	53	24	125	1.4	1.4
HSK63A-SLFA8-180CV	2	8	16	4	180	154	53	24	155	1.5	2
HSK63A-SLFA8-210CV	2	8	16	4	210	184	53	24	185	1.6	3.5

HSK63A - SLFA - 6 - 90 - CV

- CV → 曲 线 型 Curve
- 90 → L 长度 Length (L)
- 6 → 刀 杆 直 径 Diameter
- SLFA → 功 能 代 号 Holder type
- HSK63A → 锥 柄 形 式 Taper size



HSK63A-SL 热缩刀柄（CV 曲线型） HSK63A-SL SHRINK FIT HOLDER(CV CURVE)





FIG. 1

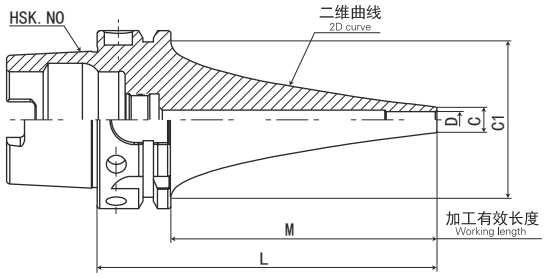
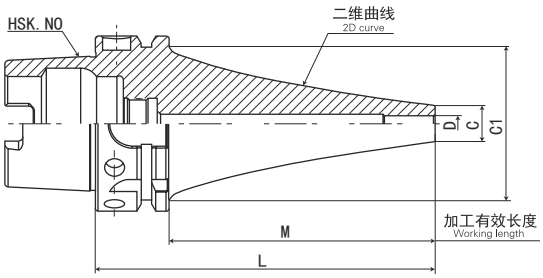
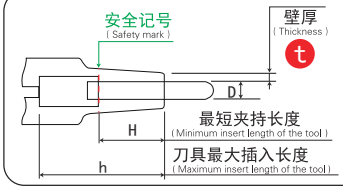


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	C1	H	h	重量 KGS	S
HSK63A-SLSA10-90CV	1	10	13	1.5	90	64	53	30	65	1	1.3
HSK63A-SLSA10-120CV	1	10	13	1.5	120	94	53	30	94	1.3	1.3
HSK63A-SLSA10-150CV	1	10	13	1.5	150	124	53	30	125	1.4	2.2
HSK63A-SLSA10-180CV	1	10	13	1.5	180	154	53	30	154	1.6	3.4
HSK63A-SLSA10-210CV	1	10	13	1.5	210	184	53	30	184	1.6	6
HSK63A-SLSA10-240CV	1	10	13	1.5	240	214	53	30	212	2.1	5.8
HSK63A-SLSA10-270CV	1	10	13	1.5	270	244	53	30	244	2.1	6.6
HSK63A-SLSA10-300CV	1	10	13	1.5	300	274	53	30	274	2.3	8.6
HSK63A-SLRA10-90CV	2	10	19	4.5	90	64	53	30	65	1	0.6
HSK63A-SLRA10-120CV	2	10	19	4.5	120	94	53	30	95	1.2	0.9
HSK63A-SLRA10-150CV	2	10	19	4.5	150	124	53	30	125	1.3	1.4
HSK63A-SLRA10-180CV	2	10	19	4.5	180	154	53	30	155	1.5	2
HSK63A-SLRA10-210CV	2	10	19	4.5	210	184	53	30	185	1.6	3.1
HSK63A-SLFA10-90CV	2	10	19	4.5	90	64	53	30	65	1	0.6
HSK63A-SLFA10-120CV	2	10	19	4.5	120	94	53	30	95	1.2	0.9
HSK63A-SLFA10-150CV	2	10	19	4.5	150	124	53	30	125	1.3	1.4
HSK63A-SLFA10-180CV	2	10	19	4.5	180	154	53	30	155	1.5	2
HSK63A-SLFA10-210CV	2	10	19	4.5	210	184	53	30	185	1.6	3.1
HSK63A-SLSA12-90CV	1	12	15	1.5	90	64	53	30	64	1.1	0.9
HSK63A-SLSA12-120CV	1	12	15	1.5	120	94	53	30	94	1.3	1.2
HSK63A-SLSA12-150CV	1	12	15	1.5	150	124	53	30	124	1.4	2.4
HSK63A-SLSA12-180CV	1	12	15	1.5	180	154	53	30	154	1.6	3.3
HSK63A-SLSA12-210CV	1	12	15	1.5	210	184	53	30	184	1.8	4.6
HSK63A-SLSA12-240CV	1	12	15	1.5	240	214	53	30	214	2.1	5.5
HSK63A-SLSA12-270CV	1	12	15	1.5	270	244	53	30	244	2.3	5.4

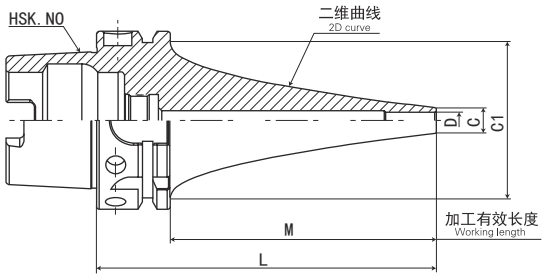
HSK63A - SLSA - 10 - 90 - CV

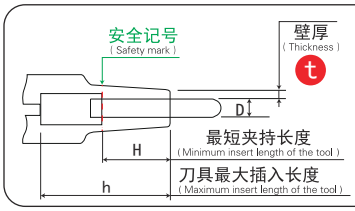
- 曲 线 型 Curve
- L 长度 Length (L)
- 刀 杆 直 径 Diameter
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size

SLFA

HSK63A-SL 热缩刀柄（CV 曲线型） HSK63A-SL SHRINK FIT HOLDER (CV CURVE)







■ 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	D	C	t	L	M	C1	H	h	重量 KGS	S
HSK63A-SLRA12-90CV	12	22	5	90	64	53	30	64	1	0.6
HSK63A-SLRA12-120CV	12	22	5	120	94	53	30	94	1.3	0.7
HSK63A-SLRA12-150CV	12	22	5	150	124	53	30	124	1.5	1.1
HSK63A-SLRA12-180CV	12	22	5	180	154	53	30	154	1.5	1.8
HSK63A-SLRA12-210CV	12	22	5	210	184	53	30	184	1.6	2.8
HSK63A-SLFA12-90CV	12	22	5	90	64	53	30	64	1	0.6
HSK63A-SLFA12-120CV	12	22	5	120	94	53	30	94	1.3	0.7
HSK63A-SLFA12-150CV	12	22	5	150	124	53	30	124	1.5	1.1
HSK63A-SLFA12-180CV	12	22	5	180	154	53	30	154	1.5	1.8
HSK63A-SLFA12-210CV	12	22	5	210	184	53	30	184	1.6	2.8
HSK63A-SLSB16-90CV	16	21	2.5	90	64	53	32	62	1.1	0.6
HSK63A-SLSB16-120CV	16	21	2.5	120	94	53	32	92	1.5	0.8
HSK63A-SLSB16-150CV	16	21	2.5	150	124	53	32	122	1.6	1.5
HSK63A-SLSB16-180CV	16	21	2.5	180	154	53	32	152	1.9	1.9
HSK63A-SLSB16-210CV	16	21	2.5	210	184	53	32	182	2.1	3
HSK63A-SLSB16-240CV	16	21	2.5	240	214	53	32	212	2.4	3.7
HSK63A-SLSB16-270CV	16	21	2.5	270	244	53	32	242	2.7	4.6
HSK63A-SLSB20-90CV	20	26	3	90	64	51	40	62	1.2	0.5
HSK63A-SLSB20-120CV	20	26	3	120	94	53	40	92	1.5	0.8
HSK63A-SLSB20-150CV	20	26	3	150	124	53	40	122	1.7	1.3
HSK63A-SLSB20-180CV	20	26	3	180	154	53	40	152	2	1.8
HSK63A-SLSB20-210CV	20	26	3	210	184	53	40	182	2.4	2.3
HSK63A-SLSB20-240CV	20	26	3	240	214	53	40	212	2.7	3
HSK63A-SLSB20-270CV	20	26	3	270	244	53	40	242	3.1	3.4

SLFA 

HSK63A - SLRA - 12 - 90 - CV

- 锥柄形式 Taper size
- 功能代号 Holder type
- 刀杆直径 Diameter
- L 长度 Length (L)
- 曲线型 Curve

HSK100A-SL 热缩刀柄（3°一体型） HSK100A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

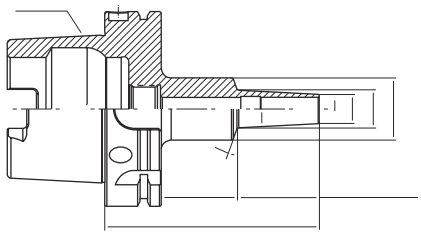
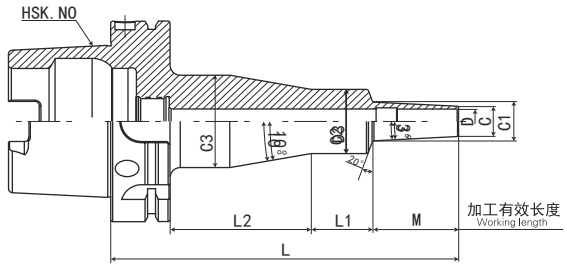
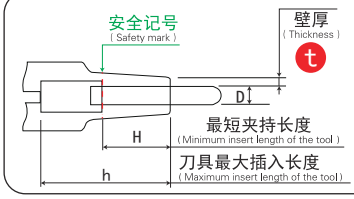


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK100A-SLSA3-110-M42	1	3	6	1.5	110	42	39	*	10.4	26	*	9	80	2.2	9.4
HSK100A-SLSA3-135-M67	1	3	6	1.5	135	67	39	*	13	26	*	9	105	2.3	15.1
HSK100A-SLSA3-140-M42	1	3	6	1.5	140	42	69	*	10.4	26	*	9	110	2.3	10.1
HSK100A-SLSA3-165-M67	1	3	6	1.5	165	67	69	*	13	25	*	9	136	2.2	16
HSK100A-SLSA3-165-M97	1	3	6	1.5	165	97	39	*	16.2	26	*	9	135	2.3	21
HSK100A-SLSA3-170-M42	2	3	6	1.5	170	42	33	66	10.4	26	40	9	140	2.6	10
HSK100A-SLSA3-195-M67	2	3	6	1.5	195	67	33	66	13	26	40	9	165	2.6	15.9
HSK100A-SLSA3-195-M97	1	3	6	1.5	195	97	69	*	16.2	25	*	9	166	2.3	22.5
HSK100A-SLSA3-225-M97	2	3	6	1.5	225	97	33	66	16.2	26	40	9	195	2.7	22.2
HSK100A-SLRA3-90-M22	1	3	7.5	2.25	90	22	39	*	9.8	26	*	9	60	2.2	2.9
HSK100A-SLRA3-110-M42	1	3	7.5	2.25	110	42	39	*	11.9	26	*	9	80	2.2	5.5
HSK100A-SLRA3-120-M22	1	3	7.5	2.25	120	22	69	*	9.8	25	*	9	91	2.2	3.3
HSK100A-SLRA3-135-M67	1	3	7.5	2.25	135	67	39	*	14.5	26	*	9	105	2.3	9
HSK100A-SLRA3-140-M42	1	3	7.5	2.25	140	42	69	*	11.9	26	*	9	110	2.3	6.1
HSK100A-SLRA3-150-M22	2	3	7.5	2.25	150	22	33	66	9.8	26	40	9	120	2.6	3.2
HSK100A-SLRA3-165-M67	1	3	7.5	2.25	165	67	69	*	14.5	25	*	9	136	2.6	10.1
HSK100A-SLRA3-165-M97	1	3	7.5	2.25	165	97	39	*	17.7	25	*	9	136	2.2	13.1
HSK100A-SLRA3-170-M42	2	3	7.5	2.25	170	42	33	66	11.9	26	40	9	140	2.6	6
HSK100A-SLRA3-195-M67	2	3	7.5	2.25	195	67	33	66	14.5	26	40	9	165	2.6	9.9
HSK100A-SLRA3-195-M97	1	3	7.5	2.25	195	97	69	*	17.7	26	*	9	165	2.4	14.7
HSK100A-SLRA3-195-M127	1	3	7.5	2.25	195	127	39	*	20.8	36	*	9	165	2.4	15.8
HSK100A-SLRA3-225-M97	2	3	7.5	2.25	225	97	33	66	17.7	26	40	9	195	2.7	14.4
HSK100A-SLRA3-225-M127	1	3	7.5	2.25	225	127	69	*	20.8	36	*	9	195	2.6	16.4
HSK100A-SLRA3-255-M127	2	3	7.5	2.25	255	127	30	69	20.8	32	46	9	226	3	16.6

HSK100A - SLSA - 3 - 110 - M42

- 加工有效长度 Working length
- L 长度 Length (L)
- 刀 杆 直 径 Diameter
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size

HSK100A-SL 热缩刀柄（3°一体型） HSK100A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

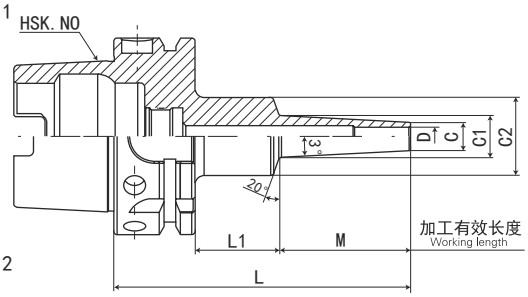
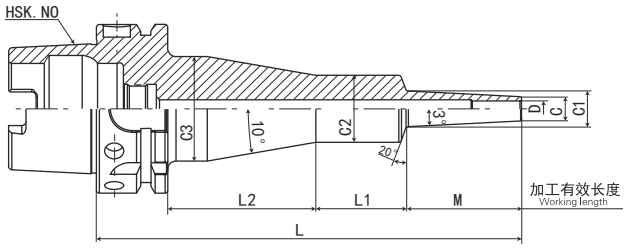
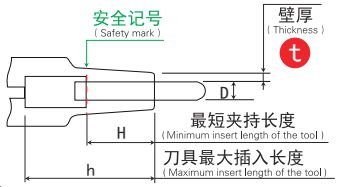


FIG. 2





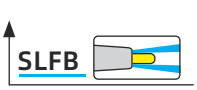
注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK100A-SLFB3-90-M22	1	3	9.5	3.25	90	22	39	*	11.8	26	*	9	60	2.2	1.9
HSK100A-SLFB3-110-M42	1	3	9.5	3.25	110	42	39	*	13.9	26	*	9	80	2.3	3.3
HSK100A-SLFB3-120-M22	1	3	9.5	3.25	120	22	69	*	11.8	26	*	9	90	2.3	2.3
HSK100A-SLFB3-135-M67	1	3	9.5	3.25	135	67	39	*	16.5	26	*	9	105	2.3	5.5
HSK100A-SLFB3-140-M42	1	3	9.5	3.25	140	42	69	*	13.9	25	*	9	111	2.2	4.1
HSK100A-SLFB3-150-M22	2	3	9.5	3.25	150	22	33	66	11.8	26	40	9	120	2.6	2.3
HSK100A-SLFB3-165-M67	1	3	9.5	3.25	165	67	69	*	16.5	25	*	9	136	2.3	6.7
HSK100A-SLFB3-170-M42	2	3	9.5	3.25	170	42	33	66	13.9	26	40	9	140	2.6	3.9
HSK100A-SLFB3-195-M67	2	3	9.5	3.25	195	67	33	66	16.5	26	40	9	165	2.6	6.3
HSK100A-SLSA4-110-M42	1	4	7	1.5	110	42	39	*	11.4	25	*	12	81	2.1	7.2
HSK100A-SLSA4-135-M67	1	4	7	1.5	135	67	39	*	14	25	*	12	106	2.2	11.8
HSK100A-SLSA4-140-M42	1	4	7	1.5	140	42	69	*	11.4	25	*	12	111	2.2	8
HSK100A-SLSA4-165-M67	1	4	7	1.5	165	67	69	*	14	25	*	12	136	2.3	13.1
HSK100A-SLSA4-165-M97	1	4	7	1.5	165	97	39	*	17.2	26	*	12	135	2.3	16.9
HSK100A-SLSA4-170-M42	2	4	7	1.5	170	42	33	66	11.4	26	40	12	140	2.6	8
HSK100A-SLSA4-195-M67	2	4	7	1.5	195	67	33	66	14	25	39	12	166	2.6	12.9
HSK100A-SLSA4-195-M97	1	4	7	1.5	195	97	69	*	17.2	25	*	12	166	2.3	18.7
HSK100A-SLSA4-225-M97	2	4	7	1.5	225	97	33	66	17.2	25	39	12	196	2.6	18.3
HSK100A-SLRA4-90-M22	1	4	10	3	90	22	39	*	12.3	25	*	12	61	2.1	1.8
HSK100A-SLRA4-110-M42	1	4	10	3	110	42	39	*	14.4	25	*	12	81	2.2	3.2
HSK100A-SLRA4-120-M22	1	4	10	3	120	22	69	*	12.3	25	*	12	91	2.2	2.3
HSK100A-SLRA4-135-M67	1	4	10	3	135	67	39	*	17	25	*	12	106	2.2	5.3
HSK100A-SLRA4-140-M42	1	4	10	3	140	42	69	*	14.4	25	*	12	111	2.2	4
HSK100A-SLRA4-150-M22	2	4	10	3	150	22	33	66	12.3	26	40	12	120	2.6	2.2
HSK100A-SLRA4-165-M67	1	4	10	3	165	67	69	*	17	26	*	12	135	2.4	6.3
HSK100A-SLRA4-165-M97	1	4	10	3	165	97	39	*	20.2	25	*	12	136	2.2	8

HSK100A - SLFB - 3 - 90 - M22

- M22 → 加工有效长度 Working length
- 90 → L 长度 Length (L)
- 3 → 刀杆直径 Diameter
- SLFB → 功能代号 Holder type
- HSK100A → 锥柄形式 Taper size



HSK100A-SL 热缩刀柄（3°一体型） HSK100A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

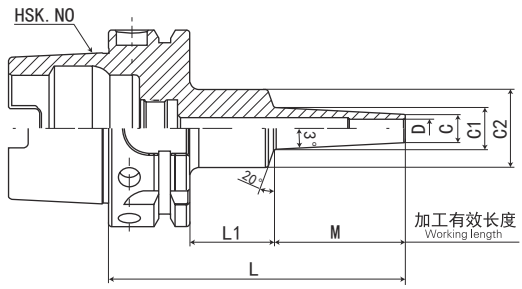
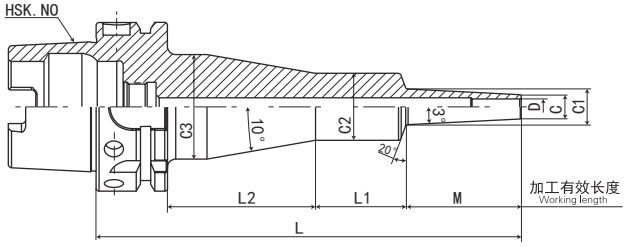
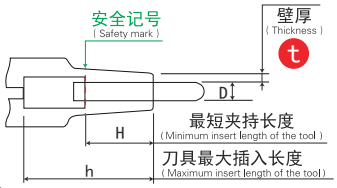


FIG. 2





■ 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK100A-SLRA4-170-M42	2	4	10	3	170	42	33	66	14.4	25	39	12	141	2.6	3.8
HSK100A-SLRA4-195-M67	2	4	10	3	195	67	33	66	17	25	39	12	166	2.6	6.3
HSK100A-SLRA4-195-M97	1	4	10	3	195	97	69	*	20.2	26	*	12	165	2.4	9.5
HSK100A-SLRA4-195-M127	1	4	10	3	195	127	39	*	23.3	32	*	12	166	2.4	9.6
HSK100A-SLRA4-225-M97	2	4	10	3	225	97	33	66	20.2	26	40	12	195	2.7	9.2
HSK100A-SLRA4-225-M127	1	4	10	3	225	127	69	*	23.3	32	*	12	196	2.6	10.7
HSK100A-SLRA4-255-M127	2	4	10	3	255	127	30	69	23.3	32	46	12	226	3	10.4
HSK100A-SLFB4-90-M22	1	4	12	4	90	22	39	*	14.3	25	*	12	61	2.1	1.4
HSK100A-SLFB4-110-M42	1	4	12	4	110	42	39	*	16.4	26	*	12	80	2.3	2.3
HSK100A-SLFB4-120-M22	1	4	12	4	120	22	69	*	14.3	25	*	12	91	2.2	1.9
HSK100A-SLFB4-135-M67	1	4	12	4	135	67	39	*	19	26	*	12	105	2.3	3.7
HSK100A-SLFB4-140-M42	1	4	12	4	140	42	69	*	16.4	25	*	12	111	2.3	3.1
HSK100A-SLFB4-150-M22	2	4	12	4	150	22	33	66	14.3	25	39	12	121	2.6	1.8
HSK100A-SLFB4-165-M67	1	4	12	4	165	67	69	*	19	26	*	12	135	2.4	4.7
HSK100A-SLFB4-170-M42	2	4	12	4	170	42	33	66	16.4	25	39	12	141	2.6	2.9
HSK100A-SLFB4-195-M67	2	4	12	4	195	67	33	66	19	25	39	12	166	2.6	4.7
HSK100A-SLSA6-110-M42	1	6	9	1.5	110	42	39	*	13.4	25	*	18	81	2.1	4.9
HSK100A-SLSA6-135-M67	1	6	9	1.5	135	67	39	*	16	25	*	18	106	2.2	8.2
HSK100A-SLSA6-140-M42	1	6	9	1.5	140	42	69	*	13.4	25	*	18	111	2.2	5.8
HSK100A-SLSA6-165-M67	1	6	9	1.5	165	67	69	*	16	25	*	18	136	2.3	9.5
HSK100A-SLSA6-165-M97	1	6	9	1.5	165	97	39	*	19.2	32	*	18	136	2.3	11.1
HSK100A-SLSA6-170-M42	2	6	9	1.5	170	42	33	66	13.4	25	39	18	141	2.6	5.6
HSK100A-SLSA6-195-M67	2	6	9	1.5	195	67	33	66	16	25	39	18	166	2.6	9.3
HSK100A-SLSA6-195-M97	1	6	9	1.5	195	97	69	*	19.2	32	*	18	166	2.4	11.9
HSK100A-SLSA6-225-M97	2	6	9	1.5	225	97	30	69	19.2	32	46	18	196	2.9	11.7

HSK100A - SLRA - 4 - 170 - M42

- M42 → 加工有效长度 Working length
- 170 → L 长度 Length (L)
- 4 → 刀杆直径 Diameter
- SLRA → 功能代号 Holder type
- HSK100A → 锥柄形式 Taper size

SLFB

HSK100A-SL 热缩刀柄（3°一体型） HSK100A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

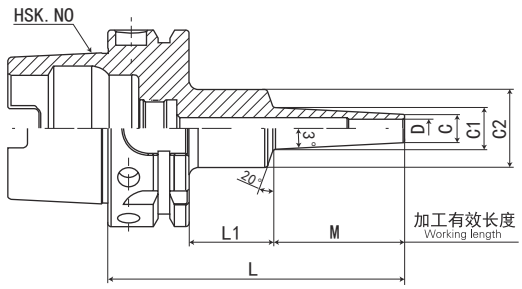
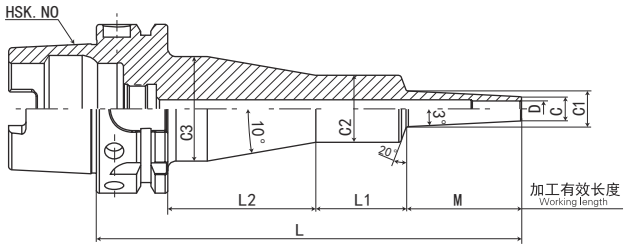
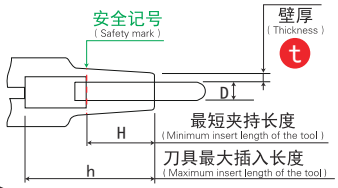


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK100A-SLSB6-110-M42	1	6	10	2	110	42	39	*	14.4	25	*	18	81	2.1	3.8
HSK100A-SLSB6-135-M67	1	6	10	2	135	67	39	*	17	25	*	18	106	2.2	6.3
HSK100A-SLSB6-140-M42	1	6	10	2	140	42	69	*	14.4	25	*	18	111	2.2	4.7
HSK100A-SLSB6-165-M67	1	6	10	2	165	67	69	*	17	25	*	18	136	2.3	7.7
HSK100A-SLSB6-165-M97	1	6	10	2	165	97	39	*	20.2	32	*	18	136	2.3	8.6
HSK100A-SLSB6-170-M42	2	6	10	2	170	42	33	66	14.4	26	40	18	140	2.6	4.6
HSK100A-SLSB6-195-M67	2	6	10	2	195	67	33	66	17	25	39	18	166	2.6	7.4
HSK100A-SLSB6-195-M97	1	6	10	2	195	97	69	*	20.2	36	*	18	165	2.6	9.5
HSK100A-SLSB6-195-M127	1	6	10	2	195	127	39	*	23.3	32	*	18	166	2.4	11.3
HSK100A-SLSB6-225-M97	2	6	10	2	225	97	30	69	20.2	32	46	18	196	2.9	9.2
HSK100A-SLSB6-225-M127	1	6	10	2	225	127	69	*	23.3	32	*	18	196	2.5	12.4
HSK100A-SLSB6-225-M157	1	6	10	2	225	157	39	*	26.5	32	*	18	196	2.5	13.6
HSK100A-SLSB6-255-M127	2	6	10	2	255	127	30	69	23.3	32	46	18	226	3	12.1
HSK100A-SLSB6-255-M157	1	6	10	2	255	157	69	*	26.5	32	*	18	226	2.6	15.1
HSK100A-SLSB6-285-M157	2	6	10	2	285	157	30	69	26.5	32	46	18	256	3.1	14.6
HSK100A-SLRB6-90-M22	1	6	14	4	90	22	39	*	16.3	32	*	18	61	2.2	1
HSK100A-SLRB6-110-M42	1	6	14	4	110	42	39	*	18.4	32	*	18	81	2.3	1.6
HSK100A-SLRB6-120-M22	1	6	14	4	120	22	69	*	16.3	32	*	18	91	2.4	1.2
HSK100A-SLRB6-135-M67	1	6	14	4	135	67	39	*	21	32	*	18	106	2.3	2.7
HSK100A-SLRB6-140-M42	1	6	14	4	140	42	69	*	18.4	32	*	18	111	2.4	2
HSK100A0-SLRB6-150-M22	2	6	14	4	150	22	30	69	16.3	32	46	18	121	2.8	1.2
HSK100A-SLRB6-165-M67	1	6	14	4	165	67	69	*	21	32	*	18	136	2.5	3.2
HSK100A-SLRB6-170-M42	2	6	14	4	170	42	30	69	18.4	32	46	18	141	2.9	1.9
HSK100A-SLRB6-195-M67	2	6	14	4	195	67	30	69	21	32	46	18	166	2.9	3.1

HSK100A - SLSB - 6 - 110 - M42

- M42 → 加工有效长度 Working length
- 110 → L 长度 Length (L)
- 6 → 刀 杆 直 径 Diameter
- SLSB → 功 能 代 号 Holder type
- HSK100A → 锥 柄 形 式 Taper size

HSK100A-SL 热缩刀柄（3°一体型） HSK100A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

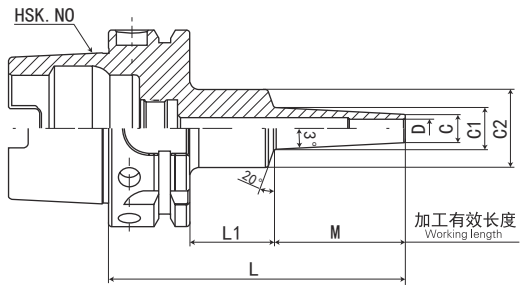
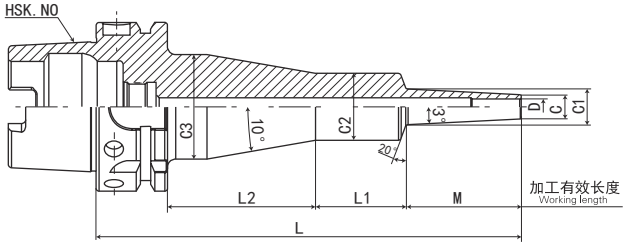
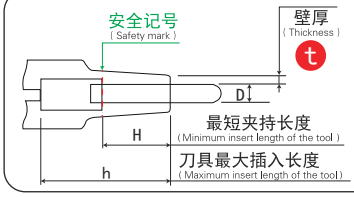


FIG. 2





■ 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK100A-SLFB6-90-M22	1	6	14	4	90	22	39	*	16.3	32	*	18	61	2.2	1
HSK100A-SLFB6-110-M42	1	6	14	4	110	42	39	*	18.4	32	*	18	81	2.3	1.6
HSK100A-SLFB6-120-M22	1	6	14	4	120	22	69	*	16.3	32	*	18	91	2.4	1.2
HSK100A-SLFB6-135-M67	1	6	14	4	135	67	39	*	21	36	*	18	105	2.4	2.6
HSK100A-SLFB6-140-M42	1	6	14	4	140	42	69	*	18.4	32	*	18	111	2.4	2
HSK100A-SLFB6-150-M22	2	6	14	4	150	22	30	69	16.3	32	46	18	121	2.8	1.2
HSK100A-SLFB6-165-M67	1	6	14	4	165	67	69	*	21	32	*	18	136	2.5	3.2
HSK100A-SLFB6-170-M42	2	6	14	4	170	42	30	69	18.4	32	46	18	141	2.9	1.9
HSK100A-SLFB6-195-M67	2	6	14	4	195	67	30	69	21	32	46	18	166	2.9	3.1
HSK100A-SLSA8-110-M42	1	8	11	1.5	110	42	39	*	15.4	36	*	24	80	2.3	3.2
HSK100A-SLSA8-135-M67	1	8	11	1.5	135	67	39	*	18	32	*	24	106	2.3	5.5
HSK100A-SLSA8-140-M42	1	8	11	1.5	140	42	69	*	15.4	36	*	24	110	2.5	3.5
HSK100A-SLSA8-165-M67	1	8	11	1.5	165	67	69	*	18	36	*	24	135	2.5	5.8
HSK100A-SLSA8-165-M97	1	8	11	1.5	165	97	39	*	21.2	32	*	24	136	2.3	8.1
HSK100A-SLSA8-170-M42	2	8	11	1.5	170	42	28	71	15.4	36	50	24	140	3.1	3.4
HSK100A-SLSA8-195-M67	2	8	11	1.5	195	67	30	69	18	32	46	24	166	2.9	5.9
HSK100A-SLSA8-195-M97	1	8	11	1.5	195	97	69	*	21.2	32	*	24	166	2.5	8.9
HSK100A-SLSA8-225-M97	2	8	11	1.5	225	97	28	71	21.2	36	50	24	195	3.2	8.3
HSK100A-SLSB8-110-M42	1	8	13	2.5	110	42	39	*	17.4	32	*	24	81	2.2	2.1
HSK100A-SLSB8-135-M67	1	8	13	2.5	135	67	39	*	20	32	*	24	106	2.3	3.6
HSK100A-SLSB8-140-M42	1	8	13	2.5	140	42	69	*	17.4	32	*	24	111	2.4	2.6
HSK100A-SLSB8-165-M67	1	8	13	2.5	165	67	69	*	20	32	*	24	136	2.4	4.2
HSK100A-SLSB8-165-M97	1	8	13	2.5	165	97	39	*	23.2	32	*	24	136	2.4	5.4

HSK100A - SLRA - 4 - 170 - M42

- M42 → 加工有效长度 Working length
- 170 → Length (L)
- 4 → 刀杆直径 Diameter
- SLRA → 功能代号 Holder type
- HSK100A → 锥柄形式 Taper size

SLFB



HSK100A-SL 热缩刀柄（3°一体型） HSK100A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

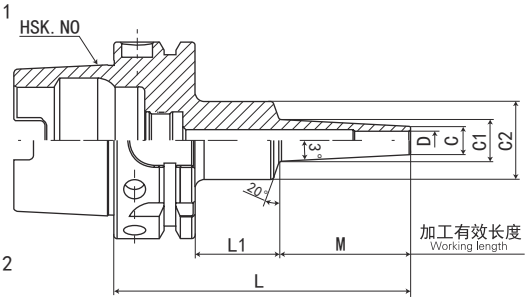
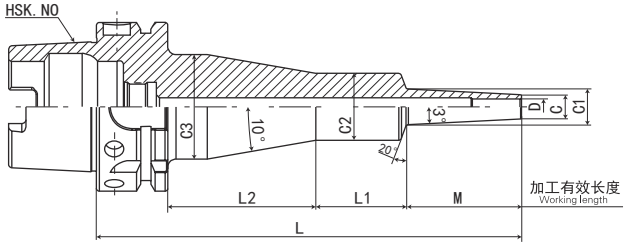
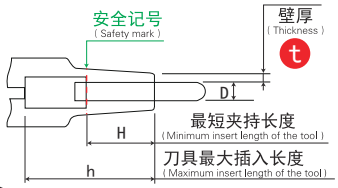


FIG. 2





注意事项

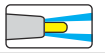
刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK100A-SLSB8-170-M42	2	8	13	2.5	170	42	28	71	17.4	36	50	24	140	3.1	2.4
HSK100A-SLSB8-195-M67	2	8	13	2.5	195	67	30	69	20	32	46	24	166	2.9	4
HSK100A-SLSB8-195-M97	1	8	13	2.5	195	97	69	*	23.2	32	*	24	166	2.5	6.3
HSK100A-SLSB8-195-M127	1	8	13	2.5	195	127	39	*	26.3	32	*	24	166	2.4	7.3
HSK100A-SLSB8-225-M97	2	8	13	2.5	225	97	30	69	23.2	32	46	24	196	3	6
HSK100A-SLSB8-225-M127	1	8	13	2.5	225	127	69	*	26.3	32	*	24	196	2.6	8.5
HSK100A-SLSB8-225-M157	1	8	13	2.5	225	157	39	*	29.5	42	*	24	196	2.7	8.1
HSK100A-SLSB8-255-M127	2	8	13	2.5	255	127	30	69	26.3	32	46	24	226	3.1	8.2
HSK100A-SLSB8-255-M157	1	8	13	2.5	255	157	69	*	29.5	42	*	24	226	2.9	8.7
HSK100A-SLSB8-285-M157	2	8	13	2.5	285	157	28	71	29.5	42	56	24	256	3.6	8.6
HSK100A-SLRB8-90-M22	1	8	18	5	90	22	39	*	20.3	32	*	24	61	2.2	0.7
HSK100A-SLRB8-110-M42	1	8	18	5	110	42	39	*	22.4	32	*	24	81	2.3	1.1
HSK100A-SLRB8-120-M22	1	8	18	5	120	22	69	*	20.3	32	*	24	91	2.4	1
HSK100A-SLRB8-135-M67	1	8	18	5	135	67	39	*	25	32	*	24	106	2.4	1.8
HSK100A-SLRB8-140-M42	1	8	18	5	140	42	69	*	22.4	32	*	24	111	2.4	1.6
HSK100A-SLRB8-150-M22	2	8	18	5	150	22	30	69	20.3	32	46	24	121	2.9	1
HSK100A-SLRB8-165-M67	1	8	18	5	165	67	69	*	25	32	*	24	136	2.5	2.4
HSK100A-SLRB8-170-M42	2	8	18	5	170	42	28	71	22.4	36	50	24	140	3.1	1.3
HSK100A-SLRB8-195-M67	2	8	18	5	195	67	30	69	25	32	46	24	166	3	2.2
HSK100A-SLFB8-90-M22	1	8	18	5	90	22	39	*	20.3	36	*	24	60	2.3	0.7
HSK100A-SLFB8-110-M42	1	8	18	5	110	42	39	*	22.4	32	*	24	81	2.3	1.1
HSK100A-SLFB8-120-M22	1	8	18	5	120	22	69	*	20.3	32	*	24	91	2.4	1
HSK100A-SLFB8-135-M67	1	8	18	5	135	67	39	*	25	36	*	24	105	2.4	1.7
HSK100A-SLFB8-140-M42	1	8	18	5	140	42	69	*	22.4	36	*	24	110	2.6	1.3
HSK100A-SLFB8-150-M22	2	8	18	5	150	22	30	69	20.3	32	46	24	121	2.9	1
HSK100A-SLFB8-165-M67	1	8	18	5	165	67	69	*	25	32	*	24	136	2.5	2.4
HSK100A-SLFB8-170-M42	2	8	18	5	170	42	30	69	22.4	32	46	24	141	2.9	1.5
HSK100A-SLFB8-195-M67	2	8	18	5	195	67	30	69	25	32	46	24	166	3	2.2

HSK100A - SLSB - 8 - 170 - M42

- 加工有效长度 Working length
- L 长度 Length (L)
- 刀 杆 直 径 Diameter
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size

SLFB



HSK100A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

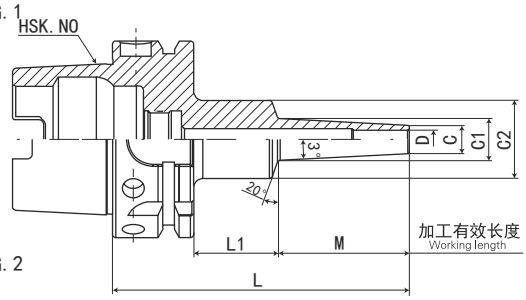
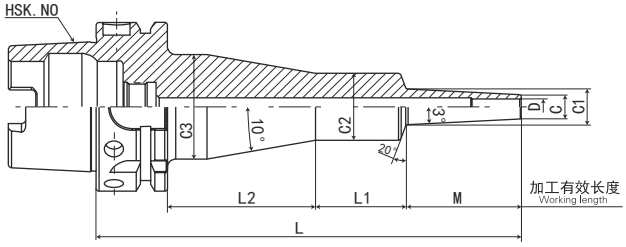
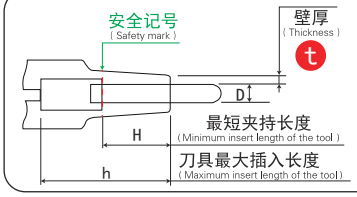


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK100A-SLSA10-110-M42	1	10	13	1.5	110	42	39	*	17.4	25	*	30	81	2.2	2.7
HSK100A-SLSA10-135-M67	1	10	13	1.5	135	67	39	*	20	32	*	30	106	2.3	4.1
HSK100A-SLSA10-140-M42	1	10	13	1.5	140	42	69	*	17.4	25	*	30	111	2.2	3.8
HSK100A-SLSA10-165-M67	1	10	13	1.5	165	67	69	*	20	36	*	30	135	2.5	4.4
HSK100A-SLSA10-165-M97	1	10	13	1.5	165	97	39	*	23.2	32	*	30	136	2.3	6.2
HSK100A-SLSA10-170-M42	2	10	13	1.5	170	42	28	71	17.4	36	50	30	140	3.1	2.5
HSK100A-SLSA10-195-M67	2	10	13	1.5	195	67	30	69	20	32	46	30	166	2.9	4.6
HSK100A-SLSA10-195-M97	1	10	13	1.5	195	97	69	*	23.2	32	*	30	166	2.5	7.1
HSK100A-SLSA10-225-M97	2	10	13	1.5	225	97	30	69	23.2	32	46	30	196	3	6.9
HSK100A-SLSB10-110-M42	1	10	16	3	110	42	39	*	20.4	32	*	30	81	2.3	1.2
HSK100A-SLSB10-135-M67	1	10	16	3	135	67	39	*	23	32	*	30	106	2.3	2.5
HSK100A-SLSB10-140-M42	1	10	16	3	140	42	69	*	20.4	32	*	30	111	2.4	2
HSK100A-SLSB10-165-M67	1	10	16	3	165	67	69	*	23	32	*	30	136	2.5	3.2
HSK100A-SLSB10-165-M97	1	10	16	3	165	97	39	*	26.2	32	*	30	136	2.4	3.8
HSK100A-SLSB10-170-M42	2	10	16	3	170	42	30	69	20.4	32	46	30	141	2.9	1.9
HSK100A-SLSB10-195-M67	2	10	16	3	195	67	30	69	23	32	46	30	166	2.9	3
HSK100A-SLSB10-195-M97	1	10	16	3	195	97	69	*	26.2	32	*	30	166	2.6	4.8
HSK100A-SLSB10-195-M127	1	10	16	3	195	127	39	*	29.3	42	*	30	166	2.6	4.6
HSK100A-SLSB10-225-M97	2	10	16	3	225	97	30	69	26.2	32	46	30	196	3	4.5
HSK100A-SLSB10-225-M127	1	10	16	3	225	127	69	*	29.3	42	*	30	196	2.9	5
HSK100A-SLSB10-225-M157	1	10	16	3	225	157	39	*	32.5	42	*	30	196	2.8	5.7
HSK100A-SLSB10-255-M127	1	10	16	3	255	127	99	*	29.3	50	*	30	225	3.5	5
HSK100A-SLSB10-255-M157	1	10	16	3	255	157	69	*	32.5	42	*	30	226	3	6.2
HSK100A-SLSB10-285-M157	2	10	16	3	285	157	28	71	32.5	42	56	30	256	3.7	6.1

HSK100A - SLSA - 10 - 110 - M42

- M42 → 加工有效长度 Working length
- 110 → L 长度 Length (L)
- 10 → 刀 杆 直 径 Diameter
- SLSA → 功 能 代 号 Holder type
- HSK100A → 锥 柄 形 式 Taper size

HSK100A-SL 热缩刀柄（3°一体型） HSK100A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

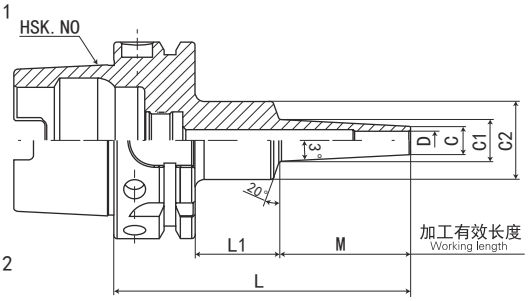
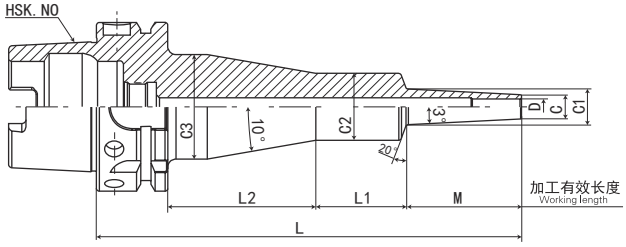
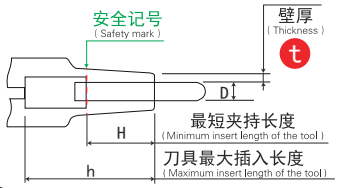


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK100A-SLRB10-90-M22	1	10	22	6	90	22	39	*	24.3	32	*	30	61	2.3	0.6
HSK100A-SLRB10-110-M42	1	10	22	6	110	42	39	*	26.4	32	*	30	81	2.3	0.9
HSK100A-SLRB10-120-M22	1	10	22	6	120	22	69	*	24.3	32	*	30	91	2.4	0.9
HSK100A-SLRB10-135-M67	1	10	22	6	135	67	39	*	29	42	*	30	106	2.5	1.1
HSK100A-SLRB10-140-M42	1	10	22	6	140	42	69	*	26.4	32	*	30	111	2.5	1.4
HSK100A-SLRB10-150-M22	2	10	22	6	150	22	28	71	24.3	36	50	30	120	3.1	0.7
HSK100A-SLRB10-165-M67	1	10	22	6	165	67	69	*	29	42	*	30	136	2.8	1.3
HSK100A-SLRB10-170-M42	2	10	22	6	170	42	28	71	26.4	36	50	30	140	3.2	1
HSK100A-SLRB10-195-M67	2	10	22	6	195	67	28	71	29	42	50	30	166	3.5	1.3
HSK100A-SLFB10-90-M22	1	10	22	6	90	22	39	*	24.3	32	*	30	61	2.3	0.6
HSK100A-SLFB10-110-M42	1	10	22	6	110	42	39	*	26.4	32	*	30	81	2.3	0.9
HSK100A-SLFB10-120-M22	1	10	22	6	120	22	69	*	24.3	32	*	30	91	2.4	0.9
HSK100A-SLFB10-135-M67	1	10	22	6	135	67	39	*	29	36	*	30	105	2.5	1.2
HSK100A-SLFB10-140-M42	1	10	22	6	140	42	69	*	26.4	36	*	30	110	2.6	1.1
HSK100A-SLFB10-150-M22	2	10	22	6	150	22	30	69	24.3	32	46	30	121	2.9	0.9
HSK100A-SLFB10-165-M67	1	10	22	6	165	67	69	*	29	36	*	30	135	2.7	1.6
HSK100A-SLFB10-170-M42	2	10	22	6	170	42	30	69	26.4	32	46	30	141	2.9	1.3
HSK100A-SLFB10-195-M67	2	10	22	6	195	67	28	71	29	42	56	30	166	3.5	1.3
HSK100A-SLSA12-110-M42	1	12	15	1.5	110	42	39	*	19.4	32	*	30	79	2.2	1.9
HSK100A-SLSA12-135-M67	1	12	15	1.5	135	67	39	*	22	32	*	30	104	2.3	3.4
HSK100A-SLSA12-140-M42	1	12	15	1.5	140	42	69	*	19.4	32	*	30	109	2.4	2.4
HSK100A-SLSA12-165-M67	1	12	15	1.5	165	67	69	*	22	32	*	30	134	2.4	4.1
HSK100A-SLSA12-165-M97	1	12	15	1.5	165	97	39	*	25.2	32	*	30	134	2.3	5.1
HSK100A-SLSA12-170-M42	2	12	15	1.5	170	42	28	71	19.4	36	50	30	135	3.1	2.1
HSK100A-SLSA12-195-M67	2	12	15	1.5	195	67	30	69	22	32	46	30	164	2.9	3.9
HSK100A-SLSA12-195-M97	1	12	15	1.5	195	97	69	*	25.2	36	*	30	160	2.7	5.5
HSK100A-SLSA12-225-M97	2	12	15	1.5	225	97	30	69	25.2	32	46	30	194	3	5.8

HSK100A - SLRB - 10 - 90 - M22

- M22 → 加工有效长度 Working length
- 90 → L 长度 Length (L)
- 10 → 刀杆直径 Diameter
- SLRB → 功能代号 Holder type
- HSK100A → 锥柄形式 Taper size

SLFB 

HSK100A-SL 热缩刀柄（3°一体型） HSK100A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

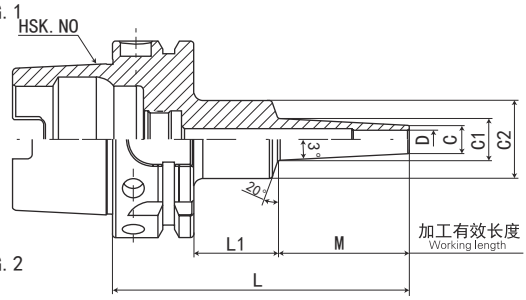
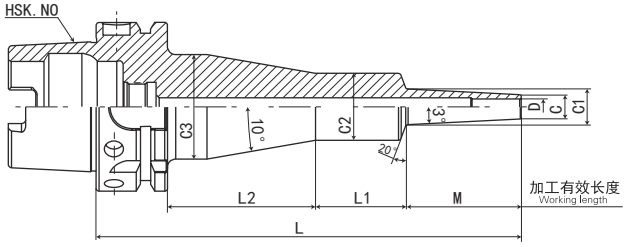
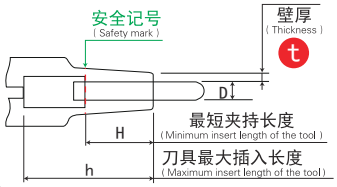


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK100A-SLSB12-110-M42	1	12	19	3.5	110	42	39	*	23.4	32	*	30	79	2.3	1.2
HSK100A-SLSB12-135-M67	1	12	19	3.5	135	67	39	*	26	32	*	30	104	2.3	2
HSK100A-SLSB12-140-M42	1	12	19	3.5	140	42	69	*	23.4	32	*	30	109	2.4	1.7
HSK100A-SLSB12-165-M67	1	12	19	3.5	165	67	69	*	26	32	*	30	134	2.5	2.7
HSK100A-SLSB12-165-M97	1	12	19	3.5	165	97	39	*	29.2	42	*	30	133	2.6	2.5
HSK100A-SLSB12-170-M42	2	12	19	3.5	170	42	28	71	23.4	36	50	30	135	3.1	1.4
HSK100A-SLSB12-195-M67	2	12	19	3.5	195	67	30	69	26	32	46	30	164	3	2.5
HSK100A-SLSB12-195-M97	1	12	19	3.5	195	97	69	*	29.2	50	*	30	160	3.1	2.6
HSK100A-SLSB12-195-M127	1	12	19	3.5	195	127	39	*	32.3	42	*	30	163	2.7	3.3
HSK100A-SLSB12-225-M97	1	12	19	3.5	225	97	99	*	29.2	50	*	30	190	3.4	2.8
HSK100A-SLSB12-225-M127	1	12	19	3.5	225	127	69	*	32.3	42	*	30	192	3	3.8
HSK100A-SLSB12-225-M157	1	12	19	3.5	225	157	39	*	35.5	42	*	30	193	2.9	4.2
HSK100A-SLSB12-255-M127	2	12	19	3.5	255	127	28	71	32.3	42	56	30	222	3.6	3.7
HSK100A-SLSB12-255-M157	1	12	19	3.5	255	157	69	*	35.5	42	*	30	222	3.1	4.8
HSK100A-SLSB12-285-M157	2	12	19	3.5	285	157	28	71	35.5	42	56	30	252	3.8	4.7
HSK100A-SLRB12-90-M22	1	12	26	7	90	22	39	*	28.3	42	*	30	58	2.4	0.4
HSK100A-SLRB12-110-M42	1	12	26	7	110	42	39	*	30.4	42	*	30	78	2.5	0.6
HSK100A-SLRB12-120-M22	1	12	26	7	120	22	69	*	28.3	42	*	30	87	2.6	0.5
HSK100A-SLRB12-135-M67	1	12	26	7	135	67	39	*	33	42	*	30	103	2.6	0.9
HSK100A-SLRB12-140-M42	1	12	26	7	140	42	69	*	30.4	42	*	30	107	2.7	0.8
HSK100A-SLRB12-150-M22	1	12	26	7	150	22	99	*	28.3	50	*	30	117	3.3	0.5
HSK100A-SLRB12-165-M67	1	12	26	7	165	67	69	*	33	42	*	30	132	2.9	1.1
HSK100A-SLRB12-170-M42	1	12	26	7	170	42	99	*	30.4	50	*	30	135	3.3	0.8
HSK100A-SLRB12-195-M67	2	12	26	7	195	67	28	71	33	42	56	30	162	3.5	1.1

HSK100A - SLSB - 12 - 110 - M42

- M42 → 加工有效长度 Working length
- 110 → L 长度 Length (L)
- 12 → 刀杆直径 Diameter
- SLSB → 功能代号 Holder type
- HSK100A → 锥柄形式 Taper size

HSK100A-SL 热缩刀柄（3°一体型） HSK100A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

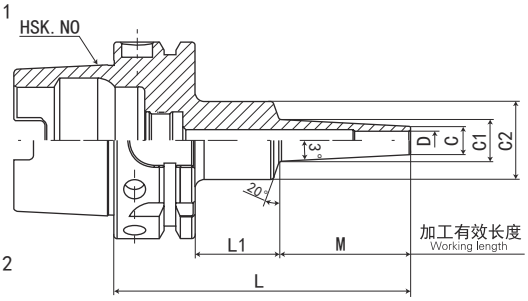
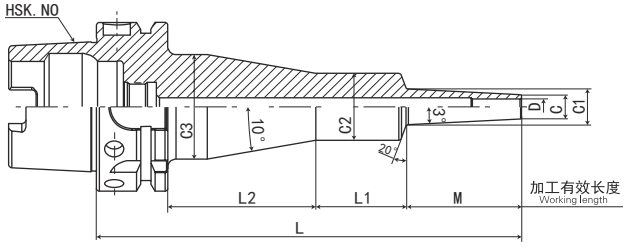
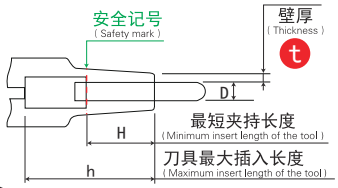


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK100A-SLFB12-90-M22	1	12	26	7	90	22	39	*	28.3	42	*	30	58	2.4	0.4
HSK100A-SLFB12-110-M42	1	12	26	7	110	42	39	*	30.4	42	*	30	78	2.5	0.6
HSK100A-SLFB12-120-M22	1	12	26	7	120	22	69	*	38.3	42	*	30	87	2.6	0.5
HSK100A-SLFB12-135-M67	1	12	26	7	135	67	39	*	33	42	*	30	103	2.6	0.9
HSK100A-SLFB12-140-M42	1	12	26	7	140	42	69	*	30.4	50	*	30	105	3	0.6
HSK100A-SLFB12-150-M22	2	12	26	7	150	22	28	71	28.3	42	56	30	117	3.3	0.5
HSK100A-SLFB12-165-M67	1	12	26	7	165	67	69	*	33	42	*	30	132	2.9	1.1
HSK100A-SLFB12-170-M42	1	12	26	7	170	42	99	*	30.4	50	*	30	135	3.3	0.8
HSK100A-SLFB12-195-M67	2	12	26	7	195	67	28	71	33	42	56	30	162	3.5	1.1
HSK100A-SLSB16-110-M42	1	16	24	4	110	42	39	*	28.4	42	*	32	78	2.4	0.7
HSK100A-SLSB16-135-M67	1	16	24	4	135	67	39	*	31	42	*	32	103	2.5	1.2
HSK100A-SLSB16-140-M42	1	16	24	4	140	42	69	*	28.4	42	*	32	107	2.7	0.9
HSK100A-SLSB16-165-M67	1	16	24	4	165	67	69	*	31	42	*	32	132	2.8	1.4
HSK100A-SLSB16-165-M97	1	16	24	4	165	97	39	*	34.2	42	*	32	133	2.7	1.7
HSK100A-SLSB16-170-M42	1	16	24	4	170	42	99	*	28.4	50	*	32	135	3.2	0.9
HSK100A-SLSB16-195-M67	1	16	24	4	195	67	99	*	31	50	*	32	160	3.3	1.4
HSK100A-SLSB16-195-M97	1	16	24	4	195	97	69	*	34.2	42	*	32	162	2.9	2.1
HSK100A-SLSB16-195-M127	1	16	24	4	195	127	39	*	37.3	50	*	32	160	3	2.2
HSK100A-SLSB16-225-M97	1	16	24	4	225	97	99	*	34.2	50	*	32	190	3.5	2.1
HSK100A-SLSB16-225-M127	1	16	24	4	225	127	69	*	37.3	53	*	32	190	3.4	2.3
HSK100A-SLSB16-225-M157	1	16	24	4	225	157	39	*	40.5	53	*	32	193	3.3	2.6
HSK100A-SLSB16-255-M127	2	16	24	4	255	127	28	71	37.3	53	67	32	220	4.3	2.3
HSK100A-SLSB16-255-M157	1	16	24	4	255	157	69	*	40.5	53	*	32	220	3.7	2.9
HSK100A-SLSB16-285-M157	2	16	24	4	285	157	28	71	40.5	53	67	32	250	4.6	2.9

HSK100A - SLFB - 12 - 90 - M22

- 加工有效长度 Working length
- L 长度 Length（L）
- 刀 杆 直 径 Diameter
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size

SLFB



HSK100A-SL 热缩刀柄（3°一体型） HSK100A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

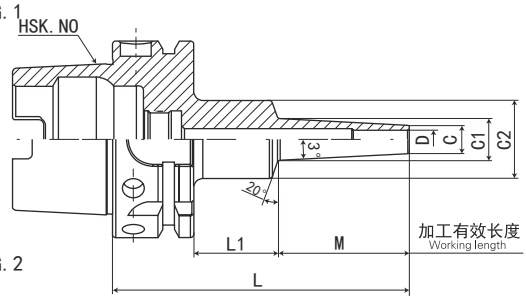
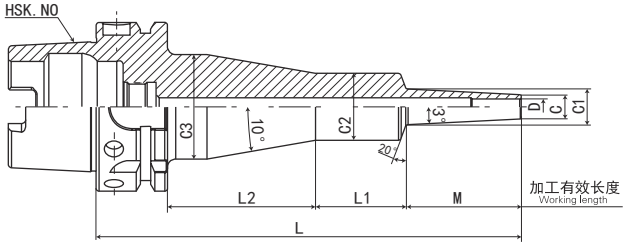
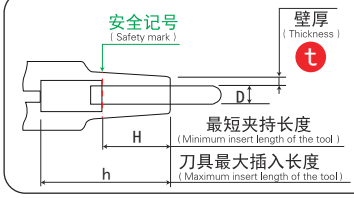


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK100A-SLRB16-90-M22	1	16	32	8	90	22	39	*	34.3	42	*	32	58	2.4	0.4
HSK100A-SLRB16-110-M42	1	16	32	8	110	42	39	*	36.4	42	*	32	78	2.5	0.5
HSK100A-SLRB16-120-M22	1	16	32	8	120	22	69	*	34.3	42	*	32	87	2.7	0.5
HSK100A-SLRB16-135-M67	1	16	32	8	135	67	39	*	39	42	*	32	103	2.7	0.7
HSK100A-SLRB16-140-M42	1	16	32	8	140	42	69	*	36.4	42	*	32	107	2.8	0.7
HSK100A-SLRB16-150-M22	2	16	32	8	150	22	28	71	34.3	42	56	32	117	3.4	0.5
HSK100A-SLRB16-165-M67	1	16	32	8	165	67	69	*	39	42	*	32	132	3	1
HSK100A-SLRB16-170-M42	2	16	32	8	170	42	28	71	36.4	42	56	32	137	3.5	0.7
HSK100A-SLRB16-195-M67	2	16	32	8	195	67	28	71	39	42	56	32	162	3.6	0.9
HSK100A-SLFB16-90-M22	1	16	32	8	90	22	39	*	34.3	42	*	32	58	2.4	0.4
HSK100A-SLFB16-110-M42	1	16	32	8	110	42	39	*	36.4	42	*	32	78	2.5	0.5
HSK100A-SLFB16-120-M22	1	16	32	8	120	22	69	*	34.3	42	*	32	87	2.7	0.5
HSK100A-SLFB16-135-M67	1	16	32	8	135	67	39	*	39	42	*	32	103	2.7	0.7
HSK100A-SLFB16-140-M42	1	16	32	8	140	42	69	*	36.4	42	*	32	107	2.8	0.7
HSK100A-SLFB16-150-M22	2	16	32	8	150	22	28	71	34.3	42	56	32	117	3.4	0.5
HSK100A-SLFB16-165-M67	1	16	32	8	165	67	69	*	39	42	*	32	132	3	1
HSK100A-SLFB16-170-M42	2	16	32	8	170	42	28	71	36.4	42	56	32	137	3.5	0.7
HSK100A-SLFB16-195-M67	2	16	32	8	195	67	28	71	39	42	56	32	162	3.6	0.9
HSK100A-SLSB20-110-M42	1	20	29	4.5	110	42	39	*	33.4	42	*	40	78	2.5	0.6
HSK100A-SLSB20-135-M67	1	20	29	4.5	135	67	39	*	36	42	*	40	103	2.6	0.9
HSK100A-SLSB20-140-M42	1	20	29	4.5	140	42	69	*	33.4	42	*	40	107	2.7	0.8
HSK100A-SLSB20-165-M67	1	20	29	4.5	165	67	69	*	36	42	*	40	132	2.8	1.2
HSK100A-SLSB20-165-M97	1	20	29	4.5	165	97	39	*	39.2	53	*	40	133	2.9	1.1
HSK100A-SLSB20-170-M42	2	20	29	4.5	170	42	28	71	33.4	42	56	40	137	3.4	0.8

HSK100A - SLRB - 16 - 90 - M22

- M22 → 加工有效长度 Working length
- 90 → L 长度 Length (L)
- 16 → 刀 杆 直 径
- SLRB → 功 能 代 号
- HSK100A → 锥 柄 形 式 Taper size

SLFB

HSK100A-SL 热缩刀柄（3°一体型） HSK100A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

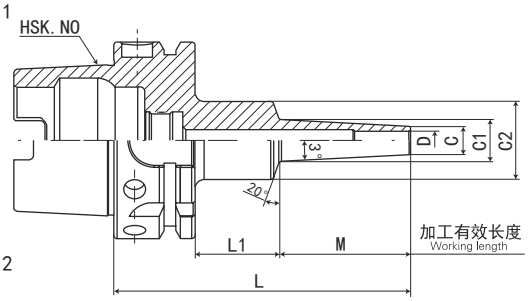
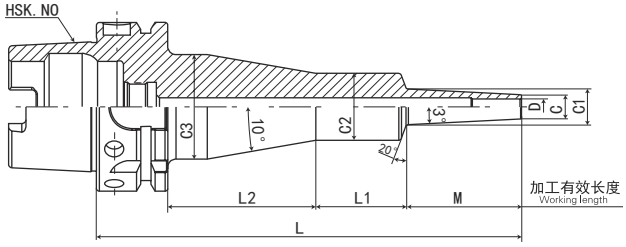
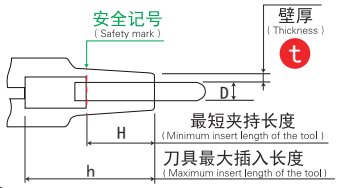


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK100A-SLSB20-195-M67	2	20	29	4.5	195	67	28	71	36	42	56	40	162	3.5	1.2
HSK100A-SLSB20-195-M97	1	20	29	4.5	195	97	69	*	39.2	53	*	40	162	3.3	1.3
HSK100A-SLSB20-195-M127	1	20	29	4.5	195	127	39	*	42.3	53	*	40	163	3.2	1.5
HSK100A-SLSB20-225-M97	2	20	29	4.5	225	97	28	71	39.2	53	67	40	190	4.3	1.3
HSK100A-SLSB20-225-M127	1	20	29	4.5	225	127	69	*	42.3	50	*	40	190	3.5	1.9
HSK100A-SLSB20-225-M157	1	20	29	4.5	225	157	39	*	45.5	53	*	40	193	3.5	1.9
HSK100A-SLSB20-255-M127	2	20	29	4.5	255	127	28	71	42.3	53	67	40	220	4.5	1.8
HSK100A-SLSB20-255-M157	1	20	29	4.5	255	157	69	*	45.5	53	*	40	220	3.9	2.2
HSK100A-SLSB20-285-M157	2	20	29	4.5	285	157	28	71	45.5	53	67	40	250	4.8	2.2
HSK100A-SLRB20-110-M42	1	20	38	9	110	42	39	*	42.4	53	*	40	78	2.8	0.3
HSK100A-SLRB20-135-M67	1	20	38	9	135	67	39	*	45	53	*	40	103	3.1	0.5
HSK100A-SLRB20-140-M42	1	20	38	9	140	42	69	*	42.4	53	*	40	105	3.2	0.4
HSK100A-SLRB20-165-M67	1	20	38	9	165	67	69	*	45	53	*	40	130	3.5	0.6
HSK100A-SLRB20-170-M42	2	20	38	9	170	42	28	*	42.4	53	*	40	135	4.1	0.4
HSK100A-SLRB20-195-M67	2	20	38	9	195	67	28	71	45	53	67	40	160	4.4	0.6
HSK100A-SLFB20-110-M42	1	20	38	9	110	42	39	*	42.4	53	*	40	78	2.8	0.3
HSK100A-SLFB20-135-M67	1	20	38	9	135	67	39	*	45	53	*	40	103	3.1	0.5
HSK100A-SLFB20-140-M42	1	20	38	9	140	42	69	*	42.4	53	*	40	105	3.2	0.4
HSK100A-SLFB20-165-M67	1	20	38	9	165	67	69	*	45	53	*	40	130	3.5	0.6
HSK100A-SLFB20-170-M42	2	20	38	9	170	42	28	*	42.4	53	*	40	135	4.1	0.4
HSK100A-SLFB20-195-M67	2	20	38	9	195	67	28	71	45	53	67	40	160	4.4	0.6

HSK100A - SLSB - 20 - 195 - M67

- 加工有效长度 Working length
- L 长度 Length (L)
- 刀 杆 直 径 Diameter
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size



HSK100A-SL 热缩刀柄（3°一体型） HSK100A-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

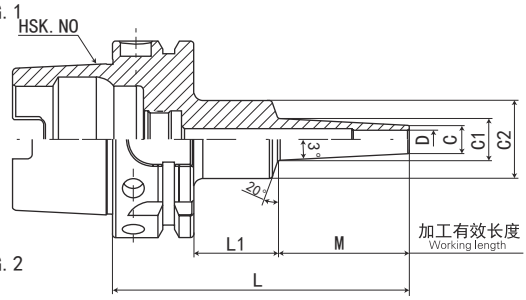
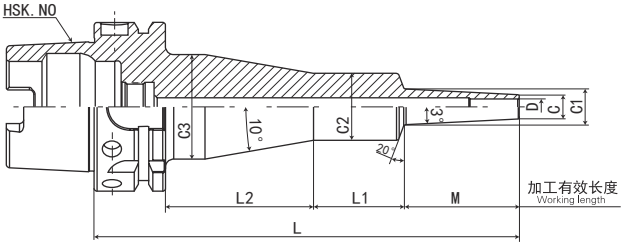
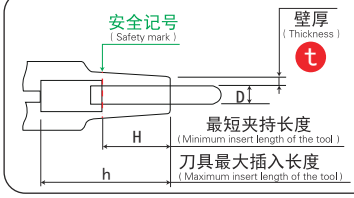


FIG. 2



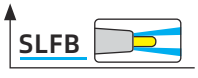


■ 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
HSK100A-SLRB25-110-M42	1	25	45	10	110	42	39	*	49.4	53	*	45	78	2.9	0.3
HSK100A-SLRB25-140-M42	1	25	45	10	140	42	69	*	49.4	53	*	45	105	3.3	0.4
HSK100A-SLRB25-170-M42	2	25	45	10	170	42	28	71	49.4	53	67	45	135	4.2	0.4
HSK100A-SLFB25-110-M42	1	25	45	10	110	42	39	*	49.4	53	*	45	78	2.9	0.3
HSK100A-SLFB25-140-M42	1	25	45	10	140	42	69	*	49.4	50	*	45	105	3.3	0.5
HSK100A-SLFB25-170-M42	2	25	45	10	170	42	28	71	49.4	53	67	45	135	4.2	0.4
HSK100A-SLRB32-110-M42	1	32	54	11	110	42	39	*	58.4	63	*	50	77	3.2	0.2
HSK100A-SLRB32-140-M42	1	32	54	11	140	42	69	*	58.4	63	*	50	107	3.7	0.3
HSK100A-SLRB32-170-M42	2	32	54	11	170	42	28	71	58.4	63	77	50	132	4.9	0.3

HSK100A - SLRB - 25 - 110 - M42

- M42 → 加工有效长度 Working length
- 110 → L 长度
- 25 → 刀 杆 直 径 Diameter
- SLRB → 功 能 代 号 Holder type
- HSK100A → 锥 柄 形 式 Taper size



HSK100A-SL 热缩刀柄（CV 曲线型） HSK100A-SL SHRINK FIT HOLDER (CV CURVE)





FIG. 1

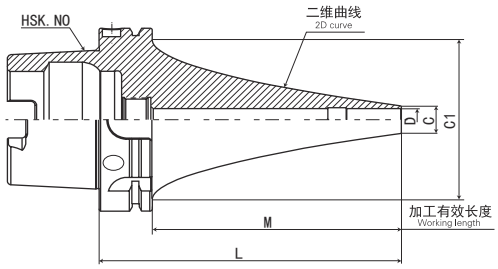
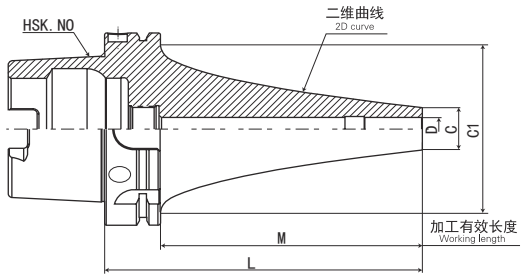
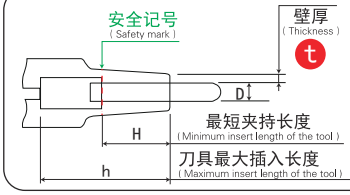


FIG. 2





■ 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	C1	H	h	重量 KGS	S
HSK100A-SLSA4-165CV	1	4	7	1.5	165	136	85	12	133	3.4	2.5
HSK100A-SLSA4-195CV	1	4	7	1.5	195	166	85	12	163	3.7	3.3
HSK100A-SLSA4-225CV	1	4	7	1.5	225	196	85	12	196	4.3	3.8
HSK100A-SLSA4-255CV	1	4	7	1.5	255	226	85	12	226	4.4	5.6
HSK100A-SLSA4-285CV	1	4	7	1.5	285	256	85	12	256	4.6	7.6
HSK100A-SLSA4-315CV	1	4	7	1.5	315	286	85	12	286	4.9	9.8
HSK100A-SLSA4-345CV	1	4	7	1.5	345	316	85	12	316	5.2	12.4
HSK100A-SLSA6-165CV	1	6	9	1.5	165	136	85	18	136	3.3	2.1
HSK100A-SLSA6-195CV	1	6	9	1.5	195	166	85	18	166	4	2.3
HSK100A-SLSA6-225CV	1	6	9	1.5	225	196	85	18	196	4.1	3.6
HSK100A-SLSA6-255CV	1	6	9	1.5	255	226	85	18	226	4.8	3.9
HSK100A-SLSA6-285CV	1	6	9	1.5	285	256	85	18	256	5	5.2
HSK100A-SLSA6-315CV	1	6	9	1.5	315	286	85	18	286	5.3	6.8
HSK100A-SLSA6-345CV	1	6	9	1.5	345	316	85	18	316	5.6	8.7
HSK100A-SLSA8-165CV	1	8	11	1.5	165	136	85	24	136	3.7	1.4
HSK100A-SLSA8-195CV	1	8	11	1.5	195	166	85	24	166	3.7	2.3
HSK100A-SLSA8-225CV	1	8	11	1.5	225	196	85	24	196	4.6	2.3
HSK100A-SLSA8-255CV	1	8	11	1.5	255	226	85	24	226	4.6	3.6
HSK100A-SLSA8-285CV	1	8	11	1.5	285	256	85	24	256	4.9	4.8
HSK100A-SLSA8-315CV	1	8	11	1.5	315	286	85	24	286	5.7	5
HSK100A-SLSA8-345CV	1	8	11	1.5	345	316	85	24	311	6.1	6
HSK100A-SLRA8-195CV	2	8	16	4	195	166	85	24	166	3.7	1.4
HSK100A-SLRA8-225CV	2	8	16	4	225	196	85	24	196	4.4	1.6
HSK100A-SLRA8-255CV	2	8	16	4	255	226	85	24	226	4.6	2.2
HSK100A-SLRA8-285CV	2	8	16	4	285	256	85	24	256	4.8	3

HSK100A - SLSA - 4 - 165 - CV

- 曲 线 型 Curve
- L 长度 Length (L)
- 刀 杆 直 径 Diameter
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size

HSK100A-SL 热缩刀柄（3°一体型） HSK100A-SL SHRINK FIT HOLDER(CV CURVE)





FIG. 1

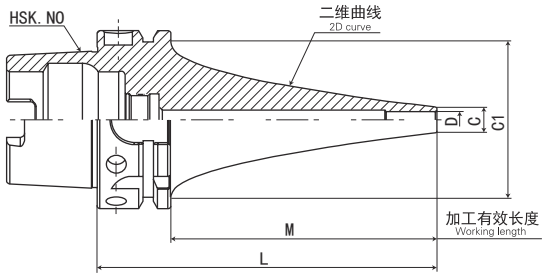
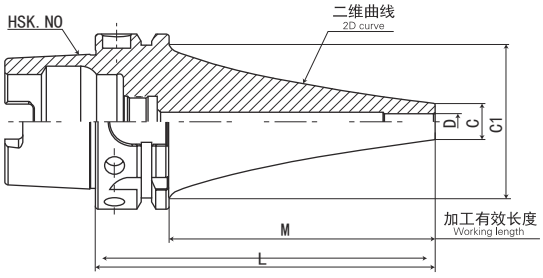
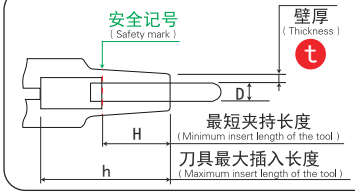


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	C1	H	h	重量 KGS	S
HSK100A-SLFA8-195CV	2	8	16	4	195	166	85	24	166	3.7	1.4
HSK100A-SLFA8-225CV	2	8	16	4	225	196	85	24	196	4.4	1.6
HSK100A-SLFA8-255CV	2	8	16	4	255	226	85	24	226	4.6	2.2
HSK100A-SLFA8-285CV	2	8	16	4	285	256	85	24	256	4.8	3
HSK100A-SLSA10-165CV	1	10	13	1.5	165	136	85	30	136	3.5	1.4
HSK100A-SLSA10-195CV	1	10	13	1.5	195	166	85	30	166	4.3	1.5
HSK100A-SLSA10-225CV	1	10	13	1.5	225	196	85	30	196	4.2	2.4
HSK100A-SLSA10-255CV	1	10	13	1.5	255	226	85	30	226	4.5	3.5
HSK100A-SLSA10-285CV	1	10	13	1.5	285	256	85	30	251	5.1	3.6
HSK100A-SLSA10-315CV	1	10	13	1.5	315	286	85	30	286	5.1	4.8
HSK100A-SLSA10-345CV	1	10	13	1.5	345	316	85	30	311	5.9	5.5
HSK100A-SLRA10-165CV	2	10	19	4.5	165	136	85	30	136	3.5	1
HSK100A-SLRA10-195CV	2	10	19	4.5	195	166	85	30	166	4	1.1
HSK100A-SLRA10-225CV	2	10	19	4.5	225	196	85	30	196	4.1	1.6
HSK100A-SLRA10-255CV	2	10	19	4.5	255	226	85	30	226	4.9	1.7
HSK100A-SLRA10-285CV	2	10	19	4.5	285	256	85	30	256	5	2.4
HSK100A-SLFA10-165CV	2	10	19	4.5	165	136	85	30	136	3.5	1
HSK100A-SLFA10-195CV	2	10	19	4.5	195	166	85	30	166	4	1.1
HSK100A-SLFA10-225CV	2	10	19	4.5	225	196	85	30	196	4.1	1.6
HSK100A-SLFA10-255CV	2	10	19	4.5	255	226	85	30	226	4.9	1.7
HSK100A-SLFA10-285CV	2	10	19	4.5	285	256	85	30	256	5	2.4

HSK100A - SLFA - 8 - 195 - CV

- CV → 曲 线 型 Curve
- 195 → L 长度 Length (L)
- 8 → 刀 杆 直 径 Diameter
- SLFA → 功 能 代 号 Holder type
- HSK100A → 锥 柄 形 式 Taper size



HSK100A-SL 热缩刀柄（CV 曲线型） HSK100A-SL SHRINK FIT HOLDER (CV CURVE)





FIG. 1

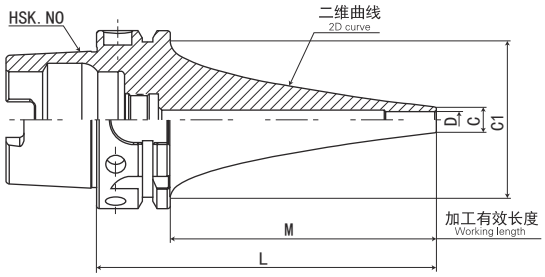
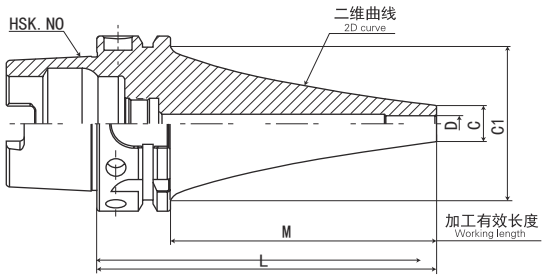
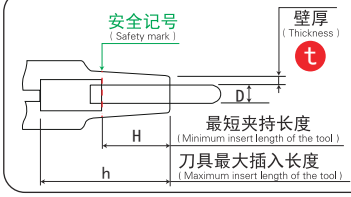


FIG. 2





■ 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	D	C	t	L	M	C1	H	h	重量 KGS	S
HSK100A-SLRA12-165CV	12	22	22	165	136	85	30	133	3.6	0.8
HSK100A-SLRA12-195CV	12	22	22	195	166	85	30	163	4.4	0.8
HSK100A-SLRA12-225CV	12	22	22	225	196	85	30	159	4.4	1.3
HSK100A-SLRA12-255CV	12	22	22	255	226	85	30	221	4.6	1.6
HSK100A-SLRA12-285CV	12	22	22	285	256	85	30	251	5	2.1
HSK100A-SLFA12-165CV	12	22	22	165	136	85	30	133	3.6	0.8
HSK100A-SLFA12-195CV	12	22	22	195	166	85	30	163	4.4	0.8
HSK100A-SLFA12-225CV	12	22	22	225	196	85	30	159	4.4	1.3
HSK100A-SLFA12-255CV	12	22	22	255	226	85	30	221	4.6	1.6
HSK100A-SLFA12-285CV	12	22	22	285	256	85	30	251	5	2.1
HSK100A-SLSB16-165CV	16	21	2.5	165	136	85	32	131	4.2	0.6
HSK100A-SLSB16-195CV	16	21	2.5	195	166	85	32	161	4	1.1
HSK100A-SLSB16-225CV	16	21	2.5	225	196	85	32	191	4.8	1.2
HSK100A-SLSB16-255CV	16	21	2.5	255	226	85	32	221	4.7	2
HSK100A-SLSB16-285CV	16	21	2.5	285	256	85	32	251	5.5	2
HSK100A-SLSB16-315CV	16	21	2.5	315	286	85	32	281	5.9	2.6
HSK100A-SLSB16-345CV	16	21	2.5	345	316	85	32	311	6.2	3.3
HSK100A-SLSB20-165CV	20	26	3	165	136	85	40	132	4	0.6
HSK100A-SLSB20-195CV	20	26	3	195	166	85	40	161	4.9	0.7
	20	26	3	225	196	85	40	191	4.6	1.2
	20	26	3	255	226	85	40	221	5.5	1.3
	20	26	3	285	256	85	40	251	5.2	2.1
	20	26	3	315	286	85	40	281	6.1	2.3
	20	26	3	345	316	85	40	311	6.4	2.9

HSK100A - SLRA - 12 - 165 - CV

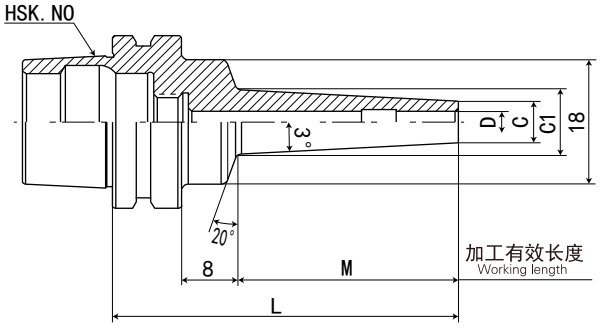
- CV → 曲线型 Curve
- 165 → L 长度 Length (L)
- 12 → 刀杆直径 Diameter
- SLRA → 功能代号 Holder type
- HSK100A → 锥柄形式 Taper size

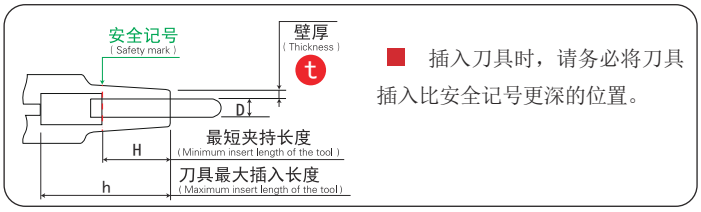
SLFA



HSK25E-SL 热缩刀柄（3°一体型） HSK25E-SL SHRINK FIT HOLDER(3° MONO)







■ 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	D	C	t	L	M	C1	H	h	重量 KGS	S
HSK25E-SLSA3-35	3	6	1.5	35	17	7.8	9	29	0.06	3.6
HSK25E-SLSA3-50	3	6	1.5	50	32	9.4	9	44	0.06	7
HSK25E-SLRA3-35	3	7.5	2.25	35	17	9.3	9	29	0.06	2.3
HSK25E-SLSA3.175-35	3.175	6.175	1.5	35	17	8	9	29	0.06	3.5
HSK25E-SLSA3.175-50	3.175	6.175	1.5	50	32	9.6	9	44	0.06	6.6
HSK25E-SLSA4-35	4	7	1.5	35	17	8.8	12	29	0.06	2.8
HSK25E-SLSA4-50	4	7	1.5	50	32	10.4	12	44	0.06	5.3
HSK25E-SLRA4-35	4	10	3	35	17	11.8	12	29	0.06	1.4
HSK25E-SLSA5-35	5	8	1.5	35	17	9.8	15	26	0.06	2.2
HSK25E-SLSA6-35	6	9	1.5	35	17	10.8	18	26	0.05	1.8
HSK25E-SLSA6-50	6	9	1.5	50	32	12.4	18	39	0.07	3.6
HSK25E-SLRA6-35	6	12	3	35	17	13.8	18	26	0.07	1.1

HSK25E - SLSA - 3 - 35

- 35 → L 长度 Length（L）
- 3 → 刀杆直径 Diameter
- SLSA → 功能代号 Holder type
- HSK25E → 锥柄形式 Taper size

HSK32E-SL 热缩刀柄（3°一体型） HSK32E-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

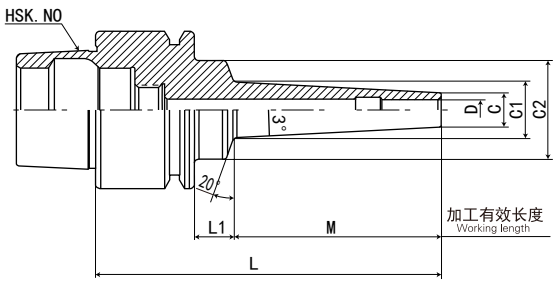
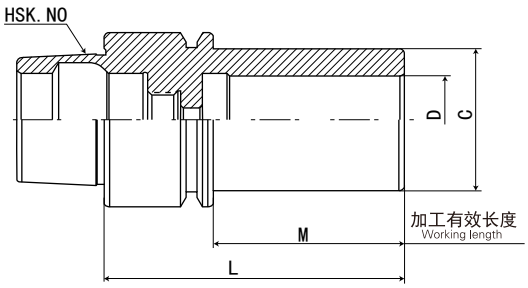
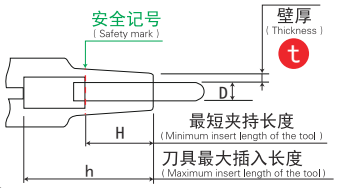


FIG. 2





■ 注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

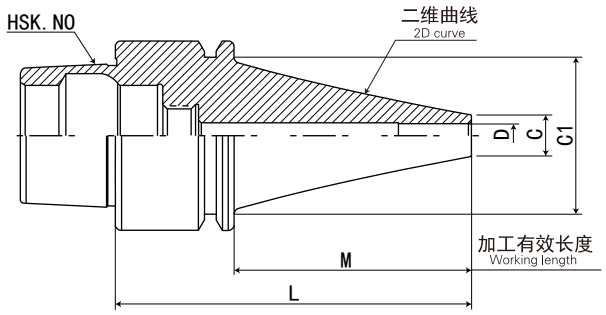
型号 Model	FIG	D	C	t	L	M	L1	C1	C2	H	h	重量 KGS	S
HSK32E-SLSA3-50-M22	1	3	6	1.5	50	22	8	8.3	20	9	42	0.1	4.7
HSK32E-SLSA3-70-M42	1	3	6	1.5	70	42	8	10.4	20	9	62	0.2	9.5
HSK32E-SLSA3-85-M42	1	3	6	1.5	85	42	23	10.4	25	9	77	0.2	9.4
HSK32E-SLRA3-50-M22	1	3	7.5	2.25	50	22	8	9.8	20	9	42	0.1	2.8
HSK32E-SLRA3-70-M42	1	3	7.5	2.25	70	42	8	11.9	20	9	62	0.2	5.3
HSK32E-SLRA3-85-M42	1	3	7.5	2.25	85	42	23	11.9	25	9	77	0.2	5.5
HSK32E-SLSA3.175-50-M22	1	3.175	6.175	1.5	50	22	8	8.5	20	9	42	0.1	4.4
HSK32E-SLSA4-50-M22	1	4	7	1.5	50	22	8	9.3	20	12	42	0.1	3.6
HSK32E-SLSA4-70-M42	1	4	7	1.5	70	42	8	11.4	20	12	62	0.2	7.3
HSK32E-SLSA4-85-M42	1	4	7	1.5	85	42	23	11.4	25	12	77	0.2	7.4
HSK32E-SLRA4-50-M22	1	4	10	3	50	22	8	12.3	20	12	42	0.2	1.7
HSK32E-SLRA4-70-M42	1	4	10	3	70	42	8	14.4	20	12	62	0.2	3.1
HSK32E-SLRA4-85-M42	1	4	10	3	85	42	23	14.4	25	12	77	0.2	3.2
HSK32E-SLSA6-70-M42	1	6	9	1.5	70	42	8	13.4	20	18	62	0.2	4.8
HSK32E-SLRA6-50-M22	1	6	12	3	50	22	8	14.3	26	18	39	0.2	1.2
HSK32E-SLRA6-70-M42	1	6	12	3	70	42	8	16.4	26	18	62	0.2	2.4
HSK32E-SLRA6-85-M42	1	6	12	3	85	42	23	16.4	25	18	77	0.2	2.5
HSK32E-SLRA8-50-M22	1	8	14	3	50	22	8	16.3	26	24	39	0.2	1
HSK32E-SLRA8-85-M42	1	8	14	3	85	42	23	18.4	25	24	48	0.2	2.1
HSK32E-SLRA10-55-M22	1	10	16	3	55	22	13	18.3	26	25	44	0.2	0.9
HSK32E-SLRA12-55-M22	1	12	20	4	55	22	13	22.3	26	30	44	0.2	0.7
HSK32E-SLRA16-55-M35	2	16	26	5	55	35	*	*	*	32	44	0.2	0.7

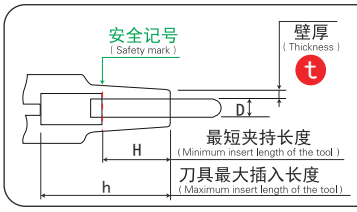
HSK32E - SLSA - 3 - 50 - M22

- M22 → 加工有效长度 Working length
- 50 → L 长度 Length (L)
- 3 → 刀 杆 直 径 Diameter
- SLSA → 功 能 代 号 Holder type
- HSK32E → 锥 柄 形 式 Taper size

HSK32E-SL 热缩刀柄（CV 曲线型） HSK32E-SL SHRINK FIT HOLDER(CV CURVE)







■ 插入刀具时，请务必将刀具插入比安全记号更深的位置。

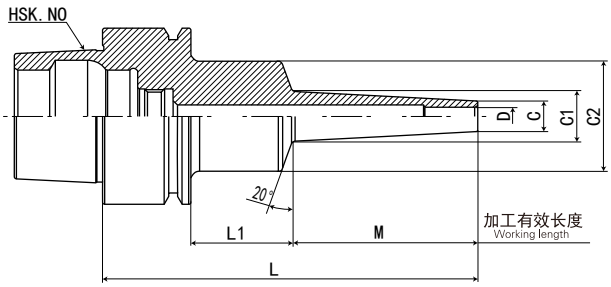
型号 Model	D	C	t	L	M	C1	H	h	重量 KGS	S
HSK32E-SLSA4-60CV	4	7	1.5	60	40	26	12	43	0.2	2.4
HSK32E-SLSA4-90CV	4	7	1.5	90	70	26	12	73	0.2	6.1
HSK32E-SLSA6-60CV	6	9	1.5	60	40	26	18	43	0.2	1.9
HSK32E-SLSA6-90CV	6	9	1.5	90	70	26	18	73	0.2	4.9
HSK32E-SLSA8-60CV	8	11	1.5	60	40	26	24	38	0.2	1.6
HSK32E-SLSA8-90CV	8	11	1.5	90	70	26	24	38	0.2	4
HSK32E-SLSA10-60CV	10	13	1.5	60	40	26	30	48	0.2	1.4
HSK32E-SLSA10-90CV	10	13	1.5	90	70	26	30	60	0.2	3.5

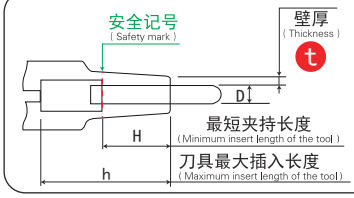
HSK32E - SLSA - 4 - 60 - CV

- CV → 曲 线 型 Curve
- 60 → L 长度 Length（L）
- 4 → 刀 杆 直 径
- SLSA → 功 能 代 号 Holder type
- HSK32E → 锥 柄 形 式 Taper size

HSK40E-SL 热缩刀柄（3°一体型） HSK40E-SL SHRINK FIT HOLDER(3° MONO)







注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	D	C	t	L	M	L1	C1	C2	H	h	重量 KGS	S
HSK40E-SLSA3-50-M22	3	6	1.5	50	22	8	8.3	20	9	42	0.2	4.6
HSK40E-SLSA3-70-M42	3	6	1.5	70	42	8	10.4	20	9	62	0.2	9.4
HSK40E-SLSA3-85-M42	3	6	1.5	85	42	23	10.4	25	9	69	0.3	9.3
HSK40E-SLSA3-110-M67	3	6	1.5	110	67	23	13	25	9	94	0.3	15
HSK40E-SLRA3-50-M22	3	7.5	2.25	50	22	8	9.8	20	9	42	0.2	2.8
HSK40E-SLRA3-70-M42	3	7.5	2.25	70	42	8	11.9	20	9	62	0.2	5.3
HSK40E-SLRA3-85-M42	3	7.5	2.25	85	42	23	11.9	25	9	69	0.3	5.4
HSK40E-SLRA3-110-M67	3	7.5	2.25	110	67	23	14.5	25	9	94	0.3	9
HSK40E-SLSA3.175-50-M22	3.175	6.175	1.5	50	22	8	8.5	20	9	42	0.2	4.4
HSK40E-SLSA4-50-M22	4	7	1.5	50	22	8	9.3	20	12	42	0.2	3.6
HSK40E-SLSA4-70-M42	4	7	1.5	70	42	8	11.4	20	12	62	0.2	7.2
HSK40E-SLSA4-85-M42	4	7	1.5	85	42	23	11.4	25	12	74	0.3	7.3
HSK40E-SLSA4-110-M67	4	7	1.5	110	67	23	14	25	12	99	0.3	11.9
HSK40E-SLRA4-50-M22	4	10	3	50	22	8	12.3	20	12	42	0.2	1.6
HSK40E-SLRA4-70-M42	4	10	3	70	42	8	14.4	20	12	62	0.3	3
HSK40E-SLRA4-85-M42	4	10	3	85	42	23	14.4	25	12	69	0.3	3.1
HSK40E-SLRA4-110-M67	4	10	3	110	67	23	17	25	12	94	0.3	5.2
HSK40E-SLSA6-50-M22	6	9	1.5	50	22	8	11.3	20	18	39	0.2	2.2
HSK40E-SLSA6-70-M42	6	9	1.5	70	42	8	13.4	20	18	54	0.2	4.7
HSK40E-SLSA6-85-M42	6	9	1.5	85	42	23	13.4	25	18	69	0.3	4.9
HSK40E-SLSA6-110-M67	6	9	1.5	110	67	23	16	25	18	94	0.3	8
HSK40E-SLRA6-50-M22	6	12	3	50	22	8	14.3	26	18	39	0.2	1.2
HSK40E-SLRA6-70-M42	6	12	3	70	42	8	16.4	26	18	54	0.3	2.3
HSK40E-SLRA6-85-M42	6	12	3	85	42	23	16.4	25	18	69	0.3	2.5
HSK40E-SLRA6-110-M67	6	12	3	110	67	23	19	25	18	94	0.4	4.1

HSK40E - SLSA - 3 - 50 - M22

- M22 → 加工有效长度 Working length
- 50 → L 长度 Length（L）
- 3 → 刀杆直径
- SLSA → 功能代号 Holder type
- HSK40E → 锥柄形式 Taper size

HSK40E-SL 热缩刀柄（3°一体型） HSK40E-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

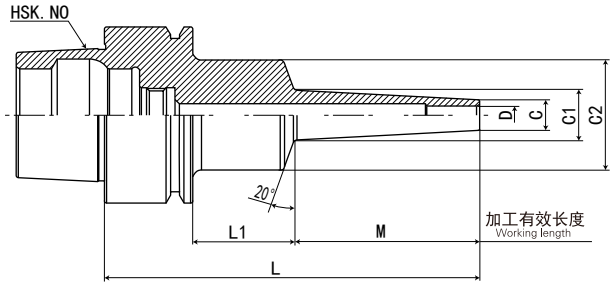
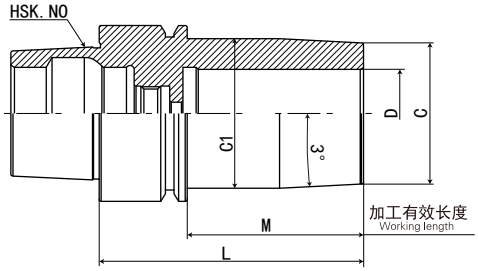
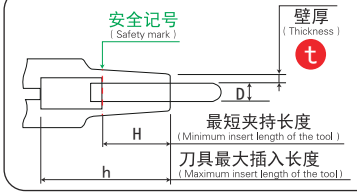


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	C1	C2	H	h	重量 KGS	S
HSK40E-SLSA8-60-M22	1	8	11	1.5	60	22	18	13.3	26	24	49	0.3	1.5
HSK40E-SLSA8-80-M42	1	8	11	1.5	80	42	18	15.4	26	24	64	0.3	3.3
HSK40E-SLSA8-100-M42	1	8	11	1.5	100	42	38	15.4	25	24	84	0.3	3.8
HSK40E-SLRA8-50-M22	1	8	14	3	50	22	8	16.3	26	20	39	0.2	0.9
HSK40E-SLRA8-85-M42	1	8	14	3	85	42	23	18.4	25	24	69	0.3	2.1
HSK40E-SLRA8-100-M42	1	8	14	3	100	42	38	18.4	25	24	84	0.4	2.4
HSK40E-SLSA10-60-M22	1	10	13	1.5	60	22	18	15.3	26	30	49	0.3	1.2
HSK40E-SLSA10-80-M42	1	10	13	1.5	80	42	18	17.4	26	30	64	0.3	2.4
HSK40E-SLSA10-100-M42	1	10	13	1.5	100	42	38	17.4	25	30	89	0.3	3.1
HSK40E-SLRA10-50-M22	1	10	16	3	55	22	13	18.3	26	25	44	0.3	0.8
HSK40E-SLRA10-85-M42	1	10	16	3	85	42	23	20.4	25	30	64	0.3	1.7
HSK40E-SLRA10-100-M42	1	10	16	3	100	42	38	20.4	25	30	64	0.4	2.2
HSK40E-SLRA12-55-M22	1	12	20	4	55	22	13	22.3	26	25	44	0.3	0.6
HSK40E-SLRA12-85-M42	1	12	20	4	85	42	23	24.4	32	30	74	0.4	1.1
HSK40E-SLRA16-55-M22	1	16	26	5	55	22	13	28.3	34	32	44	0.3	0.4
HSK40E-SLRA20-60-M40	2	20	32	6	60	40	*	34	*	38	49	0.4	0.4

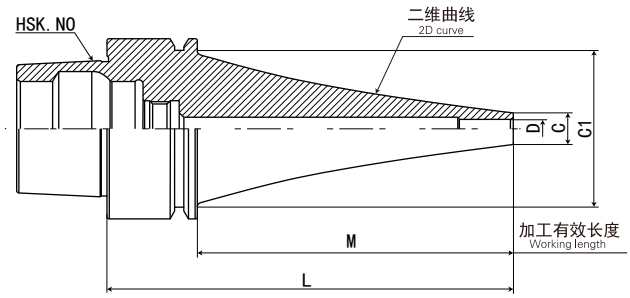
HSK40E - SLSA - 8 - 60 - M22

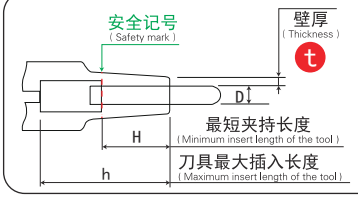
- M22 → 加工有效长度 Working length
- 60 → L 长度 Length (L)
- 8 → 刀 杆 直 径 Diameter
- SLSA → 功 能 代 号 Holder type
- HSK40E → 锥 柄 形 式 Taper size

HSK40E-SL 热缩刀柄（3°一体型）

HSK40E-SL SHRINK FIT HOLDER(CV CURVE)







注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

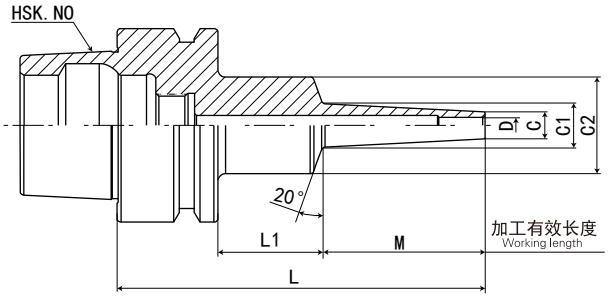
型号 Model	D	C	t	L	M	C1	H	h	重量 KGS	S
HSK40E-SLSA4-90CV	4	7	1.5	90	70	34	12	74	0.3	2.9
HSK40E-SLSA4-120CV	4	7	1.5	120	100	34	12	104	0.4	6.5
HSK40E-SLSA4-150CV	4	7	1.5	150	130	34	12	134	0.5	8.6
HSK40E-SLRA4-90CV	4	10	3	90	70	34	12	74	0.4	2
HSK40E-SLRA4-120CV	4	10	3	120	100	34	12	104	0.4	4.2
HSK40E-SLSA6-90CV	6	9	1.5	90	70	34	18	74	0.3	2.5
HSK40E-SLSA6-120CV	6	9	1.5	120	100	34	18	104	0.4	5.6
HSK40E-SLSA6-150CV	6	9	1.5	150	130	34	18	134	0.5	7.7
HSK40E-SLRA6-90CV	6	13	3.5	90	70	34	18	74	0.4	1.7
HSK40E-SLRA6-120CV	6	13	3.5	120	100	34	18	104	0.5	2.6
HSK40E-SLSA8-90CV	8	11	1.5	90	70	34	24	74	0.3	2.2
HSK40E-SLSA8-120CV	8	11	1.5	120	100	34	24	104	0.4	3.4
HSK40E-SLSA8-150CV	8	11	1.5	150	130	34	24	134	0.5	5.1
HSK40E-SLRA8-90CV	8	16	4	90	70	34	24	74	0.4	1.6
HSK40E-SLRA8-120CV	8	16	4	120	100	34	24	104	0.5	2.4
HSK40E-SLSA10-90CV	10	13	1.5	90	70	34	30	74	0.3	2
HSK40E-SLSA10-120CV	10	13	1.5	120	100	34	30	104	0.4	3.2
HSK40E-SLSA10-150CV	10	13	1.5	150	130	34	30	134	0.5	5
HSK40E-SLRA10-90CV	10	19	4.5	90	70	34	30	74	0.4	1.1
HSK40E-SLRA10-120CV	10	19	4.5	120	100	34	30	104	0.5	2

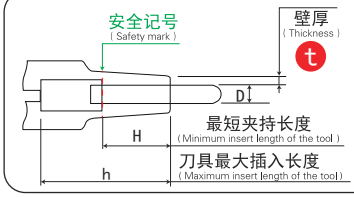
HSK40E - SLSA - 4 - 90 - CV

- CV → 曲线型 Curve
- 90 → L长度 Length（L）
- 4 → 刀杆直径 Diameter
- SLSA → 功能代号 Holder type
- HSK40E → 锥柄形式 Taper size

HSK50E-SL 热缩刀柄（3°一体型） HSK50E-SL SHRINK FIT HOLDER(3° MONO)







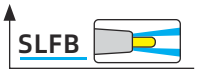
注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	D	C	t	L	M	L1	C1	C2	H	h	重量 KGS	S
HSK50E-SLSA3-60-M22	3	6	1.5	60	22	12	8.3	20	9	50	0.4	4.7
HSK50E-SLSA3-75-M22	3	6	1.5	75	22	27	8.3	25	9	61	0.5	4.5
HSK50E-SLSA3-80-M42	3	6	1.5	80	42	12	10.4	20	9	70	0.5	9.3
HSK50E-SLSA3-95-M42	3	6	1.5	95	42	27	10.4	25	9	81	0.5	9.1
HSK50E-SLRA3-75-M22	3	7.5	2.25	75	22	27	9.8	25	9	61	0.5	2.8
HSK50E-SLRA3-95-M42	3	7.5	2.25	95	42	27	11.9	25	9	81	0.5	5.3
HSK50E-SLRA3-120-M67	3	7.5	2.25	120	67	27	14.5	25	9	106	0.5	8.9
HSK50E-SLRA3-150-M97	3	7.5	2.25	150	97	27	17.7	25	9	136	0.6	12.9
HSK50-SLFB3-75-M22	3	9.5	3.25	75	22	27	11.8	25	9	61	0.5	1.9
HSK50E-SLSA4-75-M22	4	7	1.5	75	22	27	9.3	25	12	61	0.5	3.6
HSK50E-SLSA4-95-M42	4	7	1.5	95	42	27	11.4	25	12	81	0.5	7.2
HSK50E-SLRA4-75-M22	4	10	3	75	22	27	12.3	25	12	61	0.5	1.7
HSK50E-SLRA4-95-M42	4	10	3	95	42	27	14.4	25	12	81	0.5	3.1
HSK50E-SLRA4-120-M67	4	10	3	120	67	27	17	25	12	106	0.6	5.2
HSK50E-SLRA4-150-M97	4	10	3	150	97	27	20.2	25	12	135	0.7	7.8
HSK50E-SLFB4-75-M22	4	12	4	75	22	27	14.3	25	12	61	0.5	1.4
HSK50E-SLSA6-75-M22	6	9	1.5	75	22	27	11.3	25	18	61	0.5	2.3
HSK50E-SLSA6-95-M42	6	9	1.5	95	42	27	13.4	25	18	81	0.5	4.8
HSK50E-SLSA6-120-M67	6	9	1.5	120	67	27	16	25	18	106	0.5	8.1
HSK50E-SLSA6-150-M97	6	9	1.5	150	97	27	19.2	32	18	135	0.6	11
HSK50E-SLSB6-95-M42	6	10	2	95	42	27	14.4	25	18	81	0.5	3.7
HSK50E-SLSB6-120-M67	6	10	2	120	67	27	17	25	18	106	0.6	6.2
HSK50E-SLSB6-150-M97	6	10	2	150	97	27	20.2	32	18	135	0.7	8.5
HSK50E-SLRA6-75-M22	6	12	3	75	22	27	14.3	25	18	61	0.5	1.3
HSK50E-SLRA6-95-M42	6	12	3	95	42	27	16.4	25	18	81	0.5	2.5
HSK50E-SLRA6-120-M67	6	12	3	120	67	27	19	25	18	106	0.6	4.1
HSK50E-SLRB6-95-M42	6	14	4	95	42	27	18.4	32	18	80	0.6	1.6
HSK50E-SLFB6-75-M22	6	14	4	75	22	27	16.3	32	18	60	0.6	1

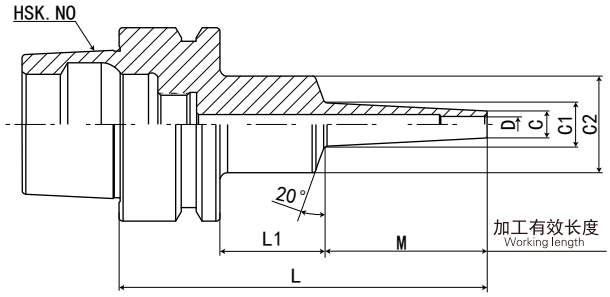
HSK50E - SLSA - 3 - 60 - M22

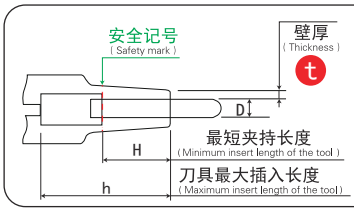
- 加工有效长度 Working length
- L 长度 Length (L)
- 刀 杆 直 径 Diameter
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size



HSK50E-SL 热缩刀柄（3°一体型） HSK50E-SL SHRINK FIT HOLDER(3° MONO)







注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	D	C	t	L	M	L1	C1	C2	H	h	重量 KGS	S
HSK50E-SLSA8-65-M22	8	11	1.5	65	22	17	13.3	26	24	49	0.5	1.5
HSK50E-SLSA8-75-M22	8	11	1.5	75	22	27	15.4	25	24	61	0.5	1.6
HSK50E-SLSA8-85-M42	8	11	1.5	85	42	17	15.4	26	24	67	0.5	3.2
HSK50E-SLSA8-95-M42	8	11	1.5	95	42	27	15.4	25	24	81	0.5	3.5
HSK50E-SLSA8-120-M67	8	11	1.5	120	67	27	18	32	24	105	0.6	5.4
HSK50E-SLSA8-150-M97	8	11	1.5	150	97	27	21.2	32	24	132	0.7	8.1
HSK50E-SLSB8-95-M42	8	13	2.5	95	42	27	17.4	32	24	80	0.6	2.1
HSK50E-SLSB8-120-M67	8	13	2.5	120	67	27	20	32	24	105	0.6	3.5
HSK50E-SLSB8-150-M97	8	13	2.5	150	97	27	23.2	32	24	135	0.7	5.3
HSK50E-SLRA8-60-M22	8	14	3	60	22	12	16.3	26	24	44	0.5	0.9
HSK50E-SLRA8-75-M22	8	14	3	75	22	27	16.3	25	24	61	0.5	1.1
HSK50E-SLRA8-95-M42	8	14	3	95	42	27	18.4	25	24	81	0.5	2
HSK50E-SLRB8-95-M42	8	18	5	95	42	27	22.4	32	24	80	0.6	1.1
HSK50E-SLRB8-120-M67	8	18	5	120	67	27	25	32	24	105	0.7	1.7
HSK50E-SLFB8-75-M22	8	18	5	75	22	27	20.3	32	24	60	0.6	0.7
HSK50E-SLSA10-65-M22	10	13	1.5	65	22	17	15.3	26	30	49	0.5	1.1
HSK50E-SLSA10-75-M22	10	13	1.5	75	22	27	15.3	25	30	61	0.5	1.3
HSK50E-SLSA10-85-M42	10	13	1.5	85	42	17	17.4	26	30	64	0.5	2.4
HSK50E-SLSA10-95-M42	10	13	1.5	95	42	27	17.4	25	30	81	0.5	2.6
HSK50E-SLSA10-120-M67	10	13	1.5	120	67	27	20	32	30	105	0.6	4.1
HSK50E-SLSA10-150-M97	10	13	1.5	150	97	27	23.2	32	30	64	0.7	6.2
HSK50E-SLSB10-95-M42	10	16	3	95	42	27	20.4	32	30	80	0.6	1.5
HSK50E-SLSB10-120-M67	10	16	3	120	67	27	23	32	30	105	0.7	2.4
HSK50E-SLSB10-150-M97	10	16	3	150	97	27	26.2	32	30	135	0.7	3.7
HSK50E-SLRA10-75-M22	10	16	3	75	22	27	18.3	25	30	60	0.6	1
HSK50E-SLRB10-95-M42	10	22	6	95	42	27	26.4	32	30	80	0.7	0.9
HSK50E-SLRB10-120-M67	10	22	6	120	67	27	29	42	30	107	0.8	1.1
HSK50E-SLFB10-75-M22	10	22	6	75	22	27	24.3	32	30	60	0.6	0.6

HSK50E - SLSA - 8 - 65 - M22

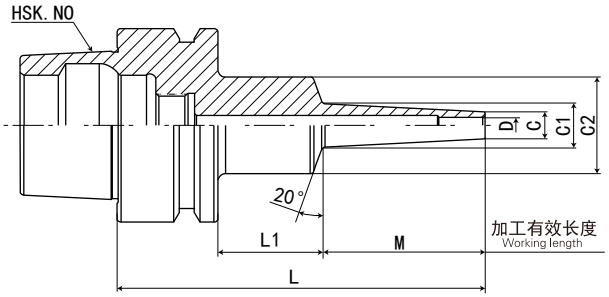
- 加工有效长度 Working length
- L 长度 Length（L）
- 刀 杆 直 径 Diameter
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size

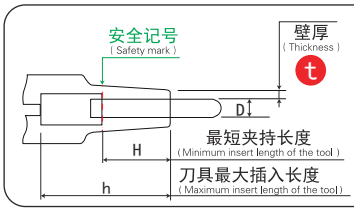
SLFB



HSK50E-SL 热缩刀柄（3°一体型） HSK50E-SL SHRINK FIT HOLDER(3° MONO)







注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	D	C	t	L	M	L1	C1	C2	H	h	重量 KGS	S
HSK50E-SLSA12-65-M22	12	15	1.5	65	22	17	17.3	26	25	49	0.5	0.9
HSK50E-SLSA12-75-M22	12	15	1.5	75	22	27	17.3	25	30	60	0.5	1.1
HSK50E-SLSA12-95-M42	12	15	1.5	95	42	27	19.4	32	30	80	0.5	1.9
HSK50E-SLSA12-120-M67	12	15	1.5	120	67	27	22	32	30	105	0.6	3.3
HSK50E-SLSB12-95-M42	12	19	3.5	95	42	27	23.4	32	30	80	0.6	1.2
HSK50E-SLSB12-120-M67	12	19	3.5	120	67	27	26	32	30	105	0.7	1.9
HSK50E-SLSB12-150-M97	12	19	3.5	150	97	27	29.2	32	30	135	0.9	2.5
HSK50E-SLRA12-75-M22	12	20	4	75	22	27	22.3	25	30	62	0.6	0.9
HSK50E-SLRB12-95-M42	12	26	7	95	42	27	30.4	42	30	82	0.8	0.6
HSK50E-SLRB12-120-M67	12	26	7	120	67	27	33	42	30	107	0.9	0.9
HSK50E-SLFB12-75-M22	12	26	7	75	22	27	28.3	42	30	62	0.7	0.4
HSK50E-SLSB16-95-M42	16	24	4	95	42	27	28.4	42	32	82	0.7	0.7
HSK50E-SLSB16-120-M67	16	24	4	120	67	27	31	42	32	107	0.8	1.2
HSK50E-SLRA16-60-M22	16	26	5	60	22	12	28.3	34	32	44	0.6	0.4
HSK50E-SLRB16-75-M22	16	32	8	75	22	27	34.3	42	32	62	0.7	0.4
HSK50E-SLFB16-75-M22	16	32	8	75	22	27	34.3	42	32	62	0.7	0.4
HSK50E-SLSB20-95-M42	20	29	4.5	95	42	27	33.4	42	40	82	0.7	0.6
HSK50E-SLRA20-65-M22	20	32	6	65	22	17	34.3	40	38	49	0.6	0.3

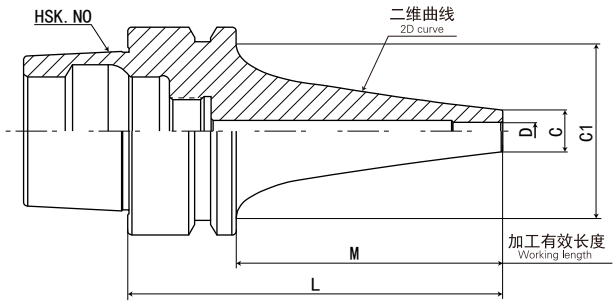
HSK50E - SLSA - 12 - 65 - M22

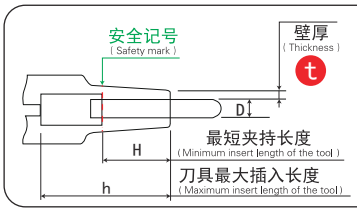
- M22 → 加工有效长度 Working length
- 65 → L 长度 Length (L)
- 12 → 刀杆直径 Diameter
- SLSA → 功能代号 Holder type
- HSK50E → 锥柄形式 Taper size



HSK50E-SL 热缩刀柄（CV 曲线型） HSK50E-SL SHRINK FIT HOLDER(CV CURVE)







注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

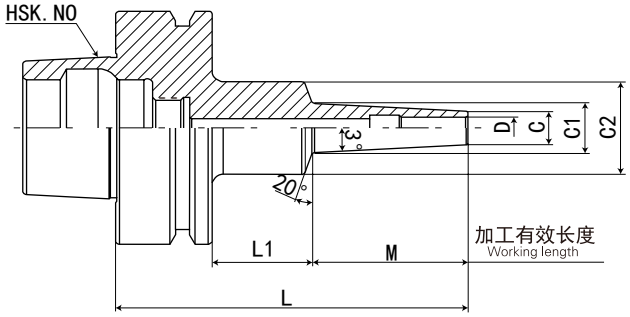
型号 Model	D	C	t	L	M	C1	H	h	重量 KGS	S
HSK50E-SLSA4-90CV	4	7	1.5	90	64	42	12	74	0.6	1.8
HSK50E-SLSA4-120CV	4	7	1.5	120	94	42	12	104	0.6	4.2
HSK50E-SLSA4-150CV	4	7	1.5	150	124	42	12	134	0.7	6
HSK50E-SLSA4-180CV	4	7	1.5	180	154	42	12	164	0.8	12
HSK50E-SLRA4-120CV	4	10	3	120	94	42	12	104	0.7	2.7
HSK50E-SLRA4-150CV	4	10	3	150	124	42	12	134	0.8	4.1
HSK50E-SLSA6-90CV	6	9	1.5	90	64	42	18	74	0.6	1.6
HSK50E-SLSA6-120CV	6	9	1.5	120	94	42	18	104	0.6	3.5
HSK50E-SLSA6-150CV	6	9	1.5	150	124	42	18	134	0.7	5.4
HSK50E-SLSA6-180CV	6	9	1.5	180	154	42	18	164	0.9	7.6
HSK50E-SLRA6-120CV	6	13	3.5	120	94	42	18	104	0.8	1.8
HSK50E-SLRA6-150CV	6	13	3.5	150	124	42	18	132	0.9	2.7
HSK50E-SLSA8-90CV	8	11	1.5	90	64		24	74	0.6	1.4
HSK50E-SLSA8-120CV	8	11	1.5	120	94	42	24	104	0.7	2.2
HSK50E-SLSA8-150CV	8	11	1.5	150	124	42	24	134	0.7	4.9
HSK50E-SLSA8-180CV	8	11	1.5	180	154	42	24	164	0.8	7.1
HSK50E-SLRA8-120CV	8	16	4	120	94	42	24	102	0.8	1.3
HSK50E-SLRA8-150CV	8	16	4	150	124	42	24	132	0.9	2.7
HSK50E-SLSA10-90CV	10	13	1.5	90	64	42	30	74	0.6	1.3
HSK50E-SLSA10-120CV	10	13	1.5	120	94	42	30	104	0.7	2.1
HSK50E-SLSA10-150CV	10	13	1.5	150	124	42	30	134	0.8	3.4
HSK50E-SLSA10-180CV	10	13	1.5	180	154	42	30	162	0.8	6.9
HSK50E-SLRA10-150CV	10	19	4.5	150	124	42	30	132	0.9	2.2

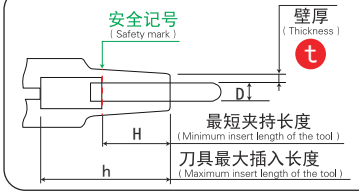
HSK50E - SLSA - 4 - 90 - CV

- CV → 曲 线 型 Curve
- 90 → L 长度 Length (L)
- 4 → 刀 杆 直 径 Diameter
- SLSA → 功 能 代 号 Holder type
- HSK50E → 锥 柄 形 式 Taper size

HSK63F-SL 热缩刀柄（3°一体型） HSK63F-SL SHRINK FIT HOLDER(3° MONO)







注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	D	C	t	L	M	L1	C1	C2	H	h	重量 KGS	S
HSK63F-SLSA3-95-M42	3	6	1.5	95	42	27	10.4	25	9	78	0.7	9.1
HSK63F-SLRA3-75-M22	3	7.5	2.25	75	22	27	9.8	25	9	54	0.7	2.8
HSK63F-SLRA3-95-M42	3	7.5	2.25	95	42	27	11.9	25	9	78	0.7	5.3
HSK63F-SLFB3-75-M22	3	9.5	3.25	75	22	27	11.8	25	9	58	0.7	1.9
HSK63F-SLFB3-95-M42	3	9.5	3.25	95	42	27	13.9	25	9	78	0.8	3.2
HSK63F-SLFB3-120-M67	3	9.5	3.25	120	67	27	16.5	25	9	103	0.8	5.4
HSK63F-SLSA4-95-M42	4	7	1.5	95	42	27	11.4	25	12	78	0.7	7.2
HSK63F-SLRA4-75-M22	4	10	3	75	22	27	12.3	25	12	58	0.7	1.7
HSK63F-SLRA4-95-M42	4	10	3	95	42	27	14.4	25	12	78	0.8	3.1
HSK63F-SLFB4-75-M22	4	12	4	75	22	27	14.3	25	12	58	0.7	1.3
HSK63F-SLFB4-95-M42	4	12	4	95	42	27	16.4	25	12	78	0.8	2.2
HSK63F-SLFB4-120-M67	4	12	4	120	67	27	19	25	12	103	0.8	3.6
HSK63F-SLSA6-95-M42	6	9	1.5	95	42	27	13.4	25	18	78	0.7	4.8
HSK63F-SLSB6-95-M42	6	10	2	95	42	27	14.4	25	18	78	0.7	3.7
HSK63F-SLRA6-75-M22	6	12	3	75	22	27	14.3	25	18	58	0.7	1.3
HSK63F-SLRA6-95-M42	6	12	3	95	42	27	16.4	25	18	78	0.8	2.4
HSK63F-SLFB6-75-M22	6	14	4	75	22	27	16.3	32	18	58	0.8	1
HSK63F-SLSA8-95-M42	8	11	1.5	95	42	27	15.4	25	24	78	0.7	3.4
HSK63F-SLSB8-95-M42	8	13	2.5	95	42	27	17.4	32	24	78	0.8	2.1
HSK63F-SLRA8-75-M22	8	14	3	75	22	27	16.3	25	24	58	0.7	1.1
HSK63F-SLRA8-95-M42	8	14	3	95	42	27	18.4	25	24	78	0.8	2
HSK63F-SLFB8-75-M22	8	18	5	75	22	27	20.3	32	24	58	0.8	0.7
HSK63F-SLSA10-95-M42	10	13	1.5	95	42	27	17.4	25	30	74	0.8	2.6
HSK63F-SLSB10-95-M42	10	16	3	95	42	27	20.4	32	30	74	0.8	1.4
HSK63F-SLRA10-75-M22	10	16	3	75	22	27	18.3	25	30	54	0.8	1
HSK63F-SLFB10-75-M22	10	22	6	75	22	27	24.3	32	30	54	0.8	0.6
HSK63F-SLSA12-95-M42	12	15	1.5	95	42	27	19.4	32	30	74	0.8	1.8
HSK63F-SLSB12-95-M42	12	19	3.5	95	42	27	23.4	32	30	74	0.8	1.1
HSK63F-SLRA12-75-M22	12	20	4	75	22	27	22.3	25	30	54	0.9	0.8
HSK63F-SLFB12-75-M22	12	26	7	75	22	27	28.3	42	30	54	0.9	0.4
HSK63F-SLFB16-75-M 22	16	32	8	75	22	27	34.3	42	32	54	1	0.3
HSK63F-SLFB20-75-M 22	20	38	9	75	22	27	40.3	50	40	53	1.1	0.3
HSK63F-SLFB25-75-M 22	25	45	10	75	22	27	47.3	50	45	53	1.1	0.2

HSK63F - SLSA - 3 - 95 - M42

- 加工有效长度 Working length
- L 长度 Length (L)
- 刀 杆 直 径 Diameter
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size



HSK63F-SL 热缩刀柄（CV 曲线型） HSK63F-SL SHRINK FIT HOLDER(CV CURVE)





FIG. 1

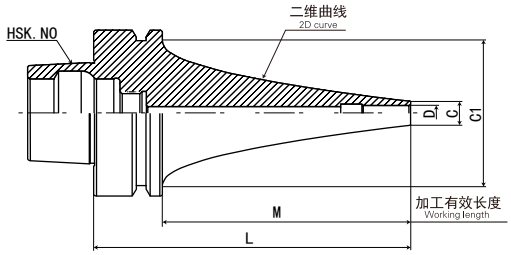
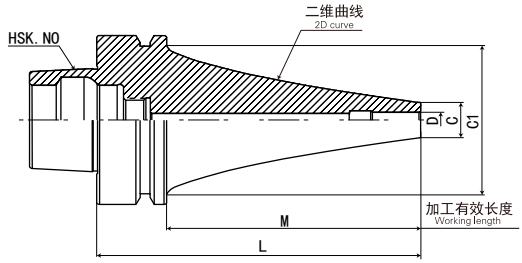
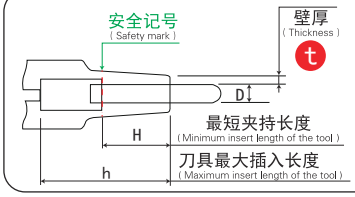


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	C1	H	h	重量 KGS	S
HSK63F-SLSA4-90CV	1	4	7	1.5	90	64	53	12	65	0.9	1.8
HSK63F-SLSA4-120CV	1	4	7	1.5	120	94	53	12	95	1	2.7
HSK63F-SLSA4-150CV	1	4	7	1.5	150	124	53	12	125	1.2	4
HSK63F-SLSA4-180CV	1	4	7	1.5	180	154	53	12	154	1.3	6.6
HSK63F-SLSA4-210CV	1	4	7	1.5	210	184	53	12	185	1.3	11.6
HSK63F-SLSA4-240CV	1	4	7	1.5	240	214	53	12	214	1.6	14
HSK63F-SLSA4-270CV	1	4	7	1.5	270	244	53	12	245	1.9	11.9
HSK63F-SLSA4-300CV	1	4	7	1.5	300	274	53	12	275	2	15.9
HSK63F-SLRA4-120CV	2	4	10	3	120	94	53	12	95	1	1.9
HSK63F-SLRA4-150CV	2	4	10	3	150	124	53	12	125	1.1	2.9
HSK63F-SLRA4-180CV	2	4	10	3	180	154	53	12	155	1.4	3.3
HSK63F-SLRA4-210CV	2	4	10	3	210	184	53	12	185	1.5	5.6
HSK63F-SLSA6-90CV	1	6	9	1.5	90	64	53	18	65	0.9	1.6
HSK63F-SLSA6-120CV	1	6	9	1.5	120	94	53	18	95	1	2.3
HSK63F-SLSA6-150CV	1	6	9	1.5	150	124	53	18	125	1.2	3.6
HSK63F-SLSA6-180CV	1	6	9	1.5	180	154	53	18	154	1.3	5.7
HSK63F-SLSA6-210CV	1	6	9	1.5	210	184	53	18	184	1.5	7.3
HSK63F-SLSA6-240CV	1	6	9	1.5	240	214	53	18	214	1.6	12
HSK63F-SLSA6-270CV	1	6	9	1.5	270	244	53	18	245	2	8.5
HSK63F-SLSA6-300CV	1	6	9	1.5	300	274	53	18	275	2.2	11.7
HSK63F-SLRA6-90CV	2	6	13	3.5	90	64	53	18	65	1	0.8
HSK63F-SLRA6-120CV	2	6	13	3.5	120	94	53	18	95	1.2	1.2
HSK63F-SLRA6-150CV	2	6	13	3.5	150	124	53	18	125	1.3	1.9
HSK63F-SLRA6-180CV	2	6	13	3.5	180	154	53	18	155	1.4	2.8
HSK63F-SLRA6-210CV	2	6	13	3.5	210	184	53	18	185	1.5	4.8
HSK63F-SLFA6-90CV	2	6	13	3.5	90	64	53	18	65	1	0.8
HSK63F-SLFA6-120CV	2	6	13	3.5	120	94	53	18	95	1.2	1.2
HSK63F-SLFA6-150CV	2	6	13	3.5	150	124	53	18	125	1.3	1.9
HSK63F-SLFA6-180CV	2	6	13	3.5	180	154	53	18	155	1.4	2.8
HSK63F-SLFA6-210CV	2	6	13	3.5	210	184	53	18	185	1.5	4.8



HSK63F-SL 热缩刀柄（CV 曲线型） HSK63F-SL SHRINK FIT HOLDER(CV CURVE)





FIG. 1

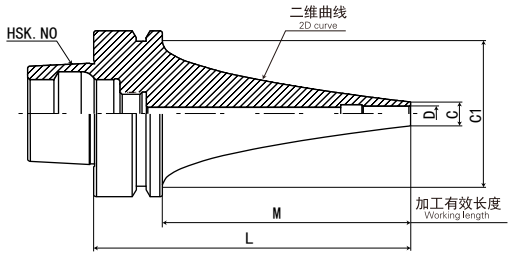
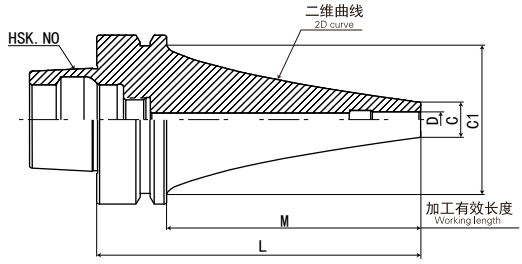
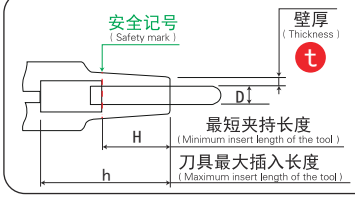


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	C1	H	h	重量 KGS	S
HSK63F-SLSA8-90CV	1	8	11	1.5	90	64	53	24	65	0.9	1.4
HSK63F-SLSA8-120CV	1	8	11	1.5	120	94	53	24	94	1.1	2
HSK63F-SLSA8-150CV	1	8	11	1.5	150	124	53	24	124	1.3	2.7
HSK63F-SLSA8-180CV	1	8	11	1.5	180	154	53	24	155	1.3	5
HSK63F-SLSA8-210CV	1	8	11	1.5	210	184	53	24	184	1.5	6.6
HSK63F-SLSA8-240CV	1	8	11	1.5	240	214	53	24	214	1.8	8.3
HSK63F-SLSA8-270CV	1	8	11	1.5	270	244	53	24	244	2.1	6.9
HSK63F-SLSA8-300CV	1	8	11	1.5	300	274	53	24	274	2.3	8.9
HSK63F-SLRA8- 90CV	2	8	16	4	90	64	53	24	65	1	0.7
HSK63F-SLRA8-120CV	2	8	16	4	120	94	53	24	95	1.2	1
HSK63F-SLRA8-150CV	2	8	16	4	150	124	53	24	125	1.4	1.4
HSK63F-SLRA8-180CV	2	8	16	4	180	154	53	24	155	1.6	2
HSK63F-SLRA8-210CV	2	8	16	4	210	184	53	24	185	1.6	3.5
HSK63F-SLFA8- 90CV	2	8	16	4	90	64	53	24	65	1	0.7
HSK63F-SLFA8-120CV	2	8	16	4	120	94	53	24	95	1.2	1
HSK63F-SLFA8-150CV	2	8	16	4	150	124	53	24	125	1.4	1.4
HSK63F-SLFA8-180CV	2	8	16	4	180	154	53	24	155	1.6	2
HSK63F-SLFA8-210CV	2	8	16	4	210	184	53	24	185	1.6	3.5
HSK63F-SLSA10-90CV	1	10	13	1.5	90	64	53	30	65	0.9	1.3
HSK63F-SLSA10-120CV	1	10	13	1.5	120	94	53	30	95	1.2	1.3
HSK63F-SLSA10-150CV	1	10	13	1.5	150	124	53	30	125	1.3	2.2
HSK63F-SLSA10-180CV	1	10	13	1.5	180	154	53	30	154	1.5	3.4
HSK63F-SLSA10-210CV	1	10	13	1.5	210	184	53	30	184	1.6	6
HSK63F-SLSA10-240CV	1	10	13	1.5	240	214	53	30	212	2	5.8
HSK63F-SLSA10-270CV	1	10	13	1.5	270	244	53	30	244	2.1	6.6
HSK63F-SLSA10-300CV	1	10	13	1.5	300	274	53	30	274	2.3	8.5

HSK63F - SLSA - 8 - 90 - CV

- CV → 曲线型 Curve
- 90 → L长度 Length (L)
- 8 → 刀杆直径 Diameter
- SLSA → 功能代号 Holder type
- HSK63F → 锥柄形式 Taper size



HSK63F-SL 热缩刀柄（CV 曲线型） HSK63F-SL SHRINK FIT HOLDER(CV CURVE)





FIG. 1

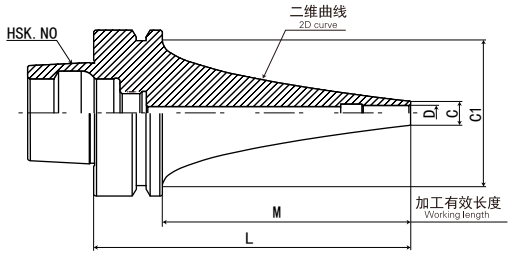
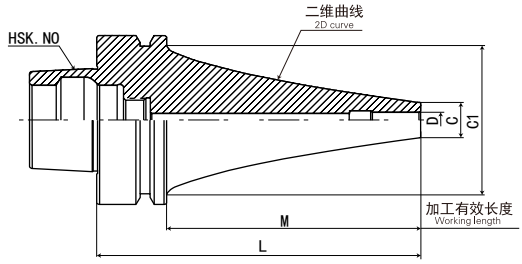
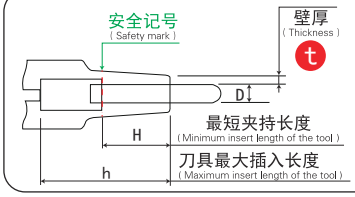


FIG. 2





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	C1	H	h	重量 KGS	S
HSK63F-SLRA10-90CV	2	10	19	4.5	90	64	53	30	65	1	0.7
HSK63F-SLRA10-120CV	2	10	19	4.5	120	94	53	30	95	1.2	1
HSK63F-SLRA10-150CV	2	10	19	4.5	150	124	53	30	125	1.4	1.4
HSK63F-SLRA10-180CV	2	10	19	4.5	180	154	53	30	155	1.6	2
HSK63F-SLRA10-210CV	2	10	19	4.5	210	184	53	30	185	1.6	3.5
HSK63F-SLFA10-90CV	2	10	19	4.5	90	64	53	30	65	1	0.7
HSK63F-SLFA10-120CV	2	10	19	4.5	120	94	53	30	95	1.2	1
HSK63F-SLFA10-150CV	2	10	19	4.5	150	124	53	30	125	1.4	1.4
HSK63F-SLFA10-180CV	2	10	19	4.5	180	154	53	30	155	1.6	2
HSK63F-SLFA10-210CV	2	10	19	4.5	210	184	53	30	185	1.6	3.5
HSK63F-SLSA12-90CV	1	12	15	1.5	90	64	53	30	64	1	0.9
HSK63F-SLSA12-120CV	1	12	15	1.5	120	94	53	30	94	1.2	1.2
HSK63F-SLSA12-150CV	1	12	15	1.5	150	124	53	30	124	1.3	2.4
HSK63F-SLSA12-180CV	1	12	15	1.5	180	154	53	30	154	1.5	3.3
HSK63F-SLSA12-210CV	1	12	15	1.5	210	184	53	30	184	1.7	4.6
HSK63F-SLSA12-240CV	1	12	15	1.5	240	214	53	30	212	2	5.5
HSK63F-SLSA12-270CV	1	12	15	1.5	270	244	53	30	244	2.2	5.4
HSK63F-SLRA12-90CV	2	12	22	5	90	64	53	30	64	1	0.6
HSK63F-SLRA12-120CV	2	12	22	5	120	94	53	30	94	1.3	0.7
HSK63F-SLRA12-150CV	2	12	22	5	150	124	53	30	124	1.5	1.1
HSK63F-SLRA12-180CV	2	12	22	5	180	154	53	30	154	1.6	1.8
HSK63F-SLRA12-210CV	2	12	22	5	210	184	53	30	184	1.7	2.8
HSK63F-SLFA12-90CV	2	12	22	5	90	64	53	30	64	1	0.6
HSK63F-SLFA12-120CV	2	12	22	5	120	94	53	30	94	1.3	0.7
HSK63F-SLFA12-150CV	2	12	22	5	150	124	53	30	124	1.5	1.1
HSK63F-SLFA12-180CV	2	12	22	5	180	154	53	30	154	1.6	1.8
HSK63F-SLFA12-210CV	2	12	22	5	210	184	53	30	184	1.7	2.8

HSK63F - SLRA - 10 - 90 - CV

- CV → 曲 线 型 Curve
- 90 → L 长度 Length (L)
- 10 → 刀 杆 直 径 Diameter
- SLRA → 功 能 代 号 Holder type
- HSK63F → 锥 柄 形 式 Taper size



HSK63F-SL 热缩刀柄（CV 曲线型） HSK63F-SL SHRINK FIT HOLDER(CV CURVE)





FIG. 1

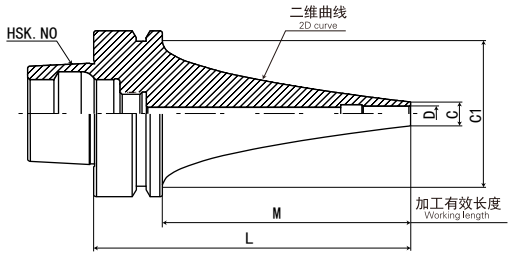
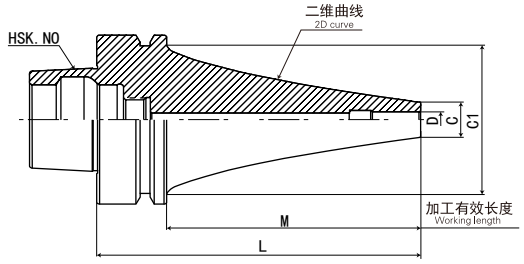
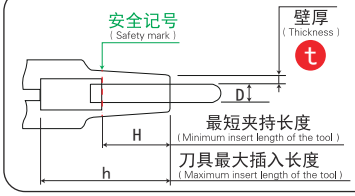


FIG. 2





注意事项

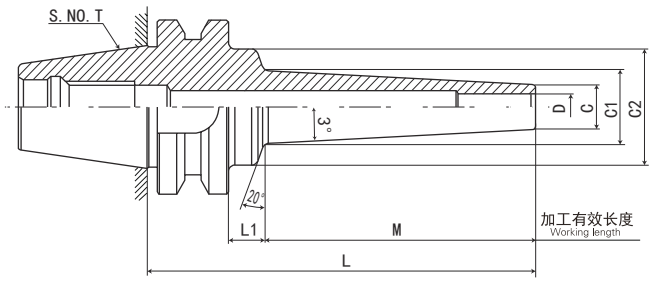
刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

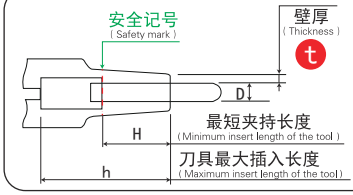
型号 Model	FIG	D	C	t	L	M	C1	H	h	重量 KGS	S
HSK63F-SLSB16-90CV	2	16	21	2.5	90	64	53	32	62	1.1	0.6
HSK63F-SLSB16-120CV	2	16	21	2.5	120	94	53	32	92	1.4	0.8
HSK63F-SLSB16-150CV	2	16	21	2.5	150	124	53	32	122	1.5	1.5
HSK63F-SLSB16-180CV	2	16	21	2.5	180	154	53	32	152	1.9	1.9
HSK63F-SLSB16-210CV	2	16	21	2.5	210	184	53	32	182	2	3
HSK63F-SLSB16-240CV	2	16	21	2.5	240	214	53	32	212	2.3	3.7
HSK63F-SLSB16-270CV	2	16	21	2.5	270	244	53	32	242	2.7	4.6
HSK63F-SLSB20-90CV	2	20	26	3	90	64	53	40	62	1.1	0.5
HSK63F-SLSB20-120CV	2	20	26	3	120	94	53	40	92	1.4	0.8
HSK63F-SLSB20-150CV	2	20	26	3	150	124	53	40	122	1.6	1.3
HSK63F-SLSB20-180CV	2	20	26	3	180	154	53	40	152	2	1.8
HSK63F-SLSB20-210CV	2	20	26	3	210	184	53	40	182	2.3	2.3
HSK63F-SLSB20-240CV	2	20	26	3	240	214	53	40	212	2.6	3
HSK63F-SLSB20-270CV	2	20	26	3	270	244	53	40	242	3.1	3.4

HSK63F - SLSB - 16 - 90 - CV

- CV → 曲 线 型 Curve
- 90 → L 长度 Length (L)
- 16 → 刀 杆 直 径 Diameter
- SLSB → 功 能 代 号 Holder type
- HSK63F → 锥 柄 形 式 Taper size

15TR-SL 热缩刀柄（3°一体型） 15TR-SL SHRINK FIT HOLDER(3° MONO)





注意事项

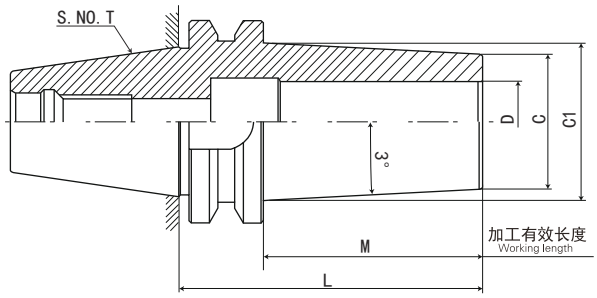
刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

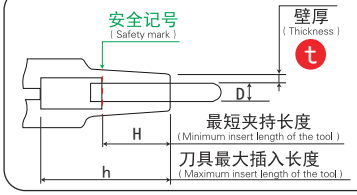
型号 Model	D	C	t	L	M	L1	C1	C2	H	h	重量 KGS	S
15TR3-SLSA3-40	3	6	1.5	40	22	5.5	8.3	18	9	46	0.1	4.7
15TR3-SLSA3-60	3	6	1.5	60	42	5.5	10.4	18	9	66	0.1	9.3
15TR3-SLSA3.175-40	3.175	6.175	1.5	40	22	5.5	8.5	18	9	46	0.1	4.4
15TR3-SLSA3.175-60	3.175	6.175	1.5	60	42	5.5	10.6	18	9	66	0.1	8.8
15TR3-SLSA4-40	4	7	1.5	40	22	5.5	9.3	18	12	46	0.1	3.6
15TR3-SLSA4-60	4	7	1.5	60	42	5.5	11.4	18	12	66	0.1	7.3
15TR3-SLSA5-40	5	8	1.5	40	22	5.5	10.3	18	15	46	0.1	2.9
15TR3-SLSA5-60	5	8	1.5	60	42	5.5	12.4	18	15	66	0.1	5.9
15TR3-SLSA6-60	6	9	1.5	60	42	5.5	13.4	18	18	66	0.1	4.9
15TR3-SLRA6-35	6	12	3	35	19.6	2.9	14.1	*	18	46	0.1	1.2
15TR3-SLRA8-35	8	14	3	35	19.6	2.9	16.1	*	20	51	0.1	0.9
15TR3-SLRA10-35	10	16	3	35	19.6	2.9	18.1	*	20	51	0.1	0.8

15TR - SLSA - 3 - 40

- 40 → L 长度 Length (L)
- 3 → 刀杆直径 Diameter
- SLSA → 功能代号 Holder type
- 15TR → 锥柄形式

15TR-SL 热缩刀柄（3°一体型） 15TR-SL SHRINK FIT HOLDER(3° MONO)





注意事项

刀具安装 插入刀具时，请务必将刀具插入比安全记号更深的位置。

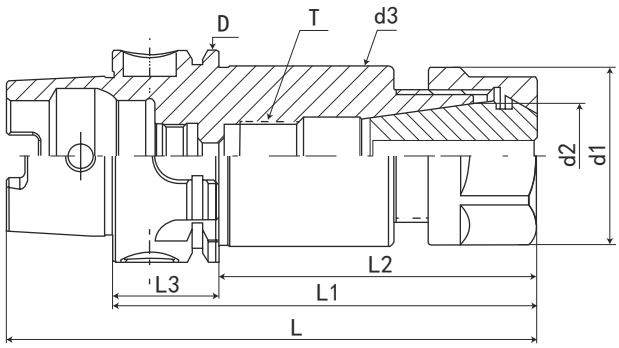
型号 Model	D	C	t	L	M	L1	C1	C2	H	h	重量 KGS	S
S20TR2-SLSA3-40	3	6	1.5	40	22	5.5	8.3	20	9	46	0.1	4.6
S20TR2-SLSA3-60	3	6	1.5	60	42	5.5	10.4	20	9	66	0.1	9.2
S20TR2-SLSA3.175-40	3.175	6.175	1.5	40	22	5.5	8.5	20	9	46	0.1	4.4
S20TR2-SLSA3.175-60	3.175	6.175	1.5	60	42	5.5	10.6	20	9	66	0.1	8.8
S20TR2-SLSA4-40	4	7	1.5	40	22	5.5	9.3	20	12	46	0.1	3.6
S20TR2-SLSA4-60	4	7	1.5	60	42	5.5	11.4	20	12	66	0.1	7.2
S20TR2-SLSA5-40	5	8	1.5	40	22	5.5	10.3	20	15	46	0.1	2.8
S20TR2-SLSA5-60	5	8	1.5	60	42	5.5	12.4	20	15	66	0.1	5.8
S20TR2-SLSA6-60	6	9	1.5	60	42	5.5	13.4	20	18	66	0.1	4.7
S20TR2-SLRA6-35	6	12	3	35	19.6	2.9	14.1	*	18	46	0.1	1.1
S20TR2-SLRA8-35	8	14	3	35	19.6	2.9	16.1	*	20	51	0.1	0.9
S20TR2-SLRA10-35	10	16	3	35	19.6	2.9	18.1	*	20	51	0.1	0.8
S20TR2-SLRA12-45	12	20	4	45	32.5	*	23.4	*	30	51	0.2	0.8

S20TR - SLSA - 3 - 40

- 40 → L 长度 Length (L)
- 3 → 刀杆直径 Diameter
- SLSA → 功能代号 Holder type
- S20TR → 锥柄形式 Taper size

HSK-32A-ER 筒夹刀柄 HSK-32A-ER COLLET CHUCK






J31

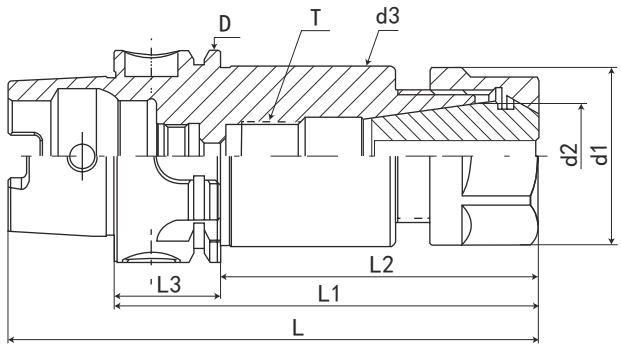

J06


J33

规格 / 型号 Model	柄部 Handle	L	L1	L2	d1	d2	d3	T	配套筒夹 Collet	夹持范围 Range
HSK32A-ER11-45	HSK32A	60	45	25	19	11	19	M8*1.0P	ER11	1-7
HSK32A-ER11-60	HSK32A	76	60	40	19	11	19	M8*1.0P	ER11	1-7
HSK32A-ER16-80	HSK32A	96	80	60	28	16	28	M10*1.0P	ER16	1-10
HSK32A-ER20-80	HSK32A	96	80	60	28	16	28	M13*1.0P	ER20	1-13

HSK-40A-ER 筒夹刀柄 HSK-40A-ER COLLET CHUCK






J31

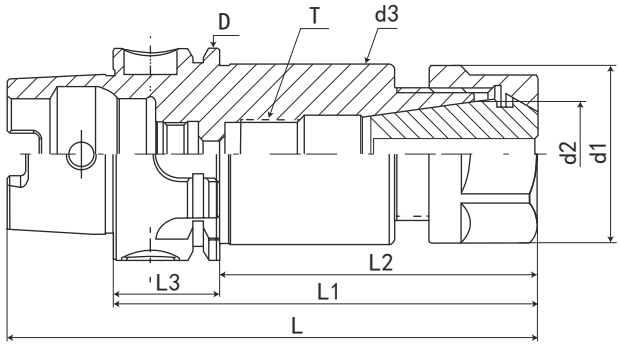

J06


J33

规格 / 型号 Model	柄部 Handle	L	L1	L2	d1	d2	d3	T	配套筒夹 Collet	夹持范围 Range
HSK40A-ER16-80	HSK40A	100	80	60	28	16	28	M10*1.0P	ER16	1-10
HSK40A-ER20-80	HSK40A	100	80	61	34	20	34	M13*1.0P	ER20	1-13
HSK40A-ER25-80	HSK40A	100	80	62	42	25	42	M18*1.5P	ER25	2-16
HSK40A-ER32-80	HSK40A	100	80	63	50	32	50	M22*1.5P	ER32	2-20

HSK-50A-ER 筒夹刀柄 HSK-50A-ER COLLET CHUCK






J31


J06


J33

规格 / 型号 Model	柄部 Handle	L	L1	L2	d1	d2	d3	T	配套筒夹 Collet	夹持范围 Range
HSK50A-ER16-80	HSK50A	105	80	54	28	16	28	M10*1.0P	ER16	1-10
HSK50A-ER16-100	HSK50A	125	100	74	28	16	28	M10*1.0P	ER16	1-10
HSK50A-ER20-80	HSK50A	105	80	54	34	20	34	M13*1.0P	ER20	1-13
HSK50A-ER20-100	HSK50A	125	100	74	34	20	34	M13*1.0P	ER20	1-13
HSK50A-ER25-80	HSK50A	105	80	54	42	25	42	M18*1.5P	ER25	2-16
HSK50A-ER25-100	HSK50A	125	100	74	42	25	42	M18*1.5P	ER25	2-16
HSK50A-ER32-80	HSK50A	105	80	54	50	32	50	M22*1.5P	ER32	2-20
HSK50A-ER32-100	HSK50A	125	100	74	50	32	50	M22*1.5P	ER32	2-20

特点：

注：

◎螺母为预设动平衡螺母

◎整支通孔，利于出水及抗震

◎装夹时，筒夹必须先装入螺帽，再装入刀具，接着装入本体并锁固

◎刀具装入筒夹内孔，必须超出筒夹内孔有效夹持长度，避免坚固不当造成损坏

◎筒夹和扳手及接钉需要单独订购

◎ ER16/ER20 附标准六角螺母。也可以选用 M 型螺母，本体需要另外订购

◎可根据客户需要精密平衡至 G6.3 15000RPM,G2.5 30000RPM

Features:

◎ Nut for pre-set dynamic balance nut.

◎ The whole through hole is favorable for water and shock resistance.

◎ When installed, the collet must be loaded into the nut, and then into the tool, and then into the body and lock.

◎ The tool into the collet hole, must go beyond the collet hole effective clamping length, to avoid damage caused by improper fastening.

◎ Collets and wrenches and pull studs need to be ordered separately.

◎ Standard hexagon nuts for ER16 / ER20. You can also choose M-type nut, the body need to order another.

◎ Can be based on customer needs to accurately balance to G6.3 15000RPM, G2.5 30000RPM.

HSK-63A-ER 筒夹刀柄 HSK-63A-ER COLLET CHUCK





FIG. 1

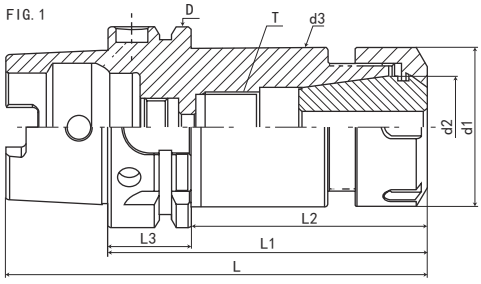
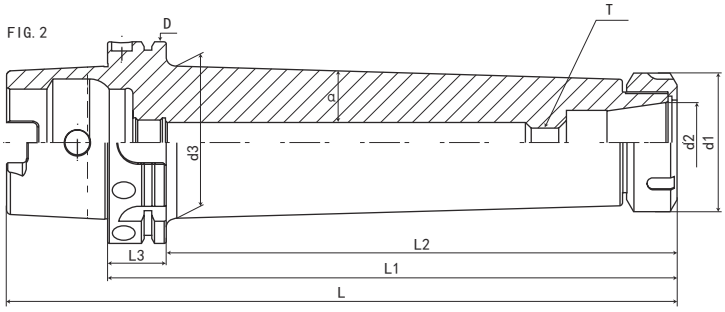


FIG. 2




J31

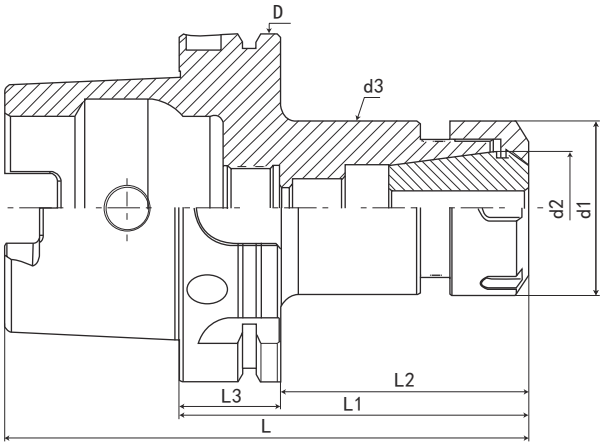

J06


J33

规 格 Model	柄部 Handle	L	L1	L2	d1	d2	d3	T	α	FIG	配套筒夹 Collet	夹持范围 Range	重量 KGS
HSK63A-ER16-75	HSK63A	107	75	49	28	16	28	M10*1.0P	-	1	ER16	1-10	1
HSK63A-ER16-100	HSK63A	132	100	74	28	16	28	M10*1.0P	-	1	ER16	1-10	1.1
HSK63A-ER16-125	HSK63A	157	125	99	28	16	28	M10*1.0P	-	1	ER16	1-10	1.2
HSK63A-ER16-160	HSK63A	192	160	134	28	16	28	M10*1.0P	-	1	ER16	1-10	1.3
HSK63A-ER16-200	HSK63A	232	200	174	28	16	28	M10*1.0P	-	1	ER16	1-10	1.5
HSK63A-ER16-250	HSK63A	282	250	224	28	16	35	M10*1.0P	1°	2	ER16	1-10	2
HSK63A-ER20-75	HSK63A	107	75	49	34	20	34	M13*1.0P	-	1	ER20	1-13	0.9
HSK63A-ER20-100	HSK63A	132	100	74	34	20	34	M13*1.0P	-	1	ER20	1-13	1.2
HSK63A-ER20-125	HSK63A	157	125	99	34	20	34	M13*1.0P	-	1	ER20	1-13	1.3
HSK63A-ER20-160	HSK63A	192	160	134	34	20	34	M13*1.0P	-	1	ER20	1-13	1.6
HSK63A-ER20-200	HSK63A	232	200	174	34	20	34	M13*1.0P	-	1	ER20	1-13	1.85
HSK63A-ER20-250	HSK63A	282	250	224	34	20	41	M13*1.0P	1°	2	ER20	1-13	2.6
HSK63A-ER25-75	HSK63A	107	75	49	42	25	42	M18*1.5P	-	1	ER25	2-16	1.2
HSK63A-ER25-100	HSK63A	132	100	74	42	25	42	M18*1.5P	-	1	ER25	2-16	1.3
HSK63A-ER25-125	HSK63A	157	125	99	42	25	42	M18*1.5P	-	1	ER25	2-16	1.5
HSK63A-ER25-160	HSK63A	192	160	134	42	25	42	M18*1.5P	-	1	ER25	2-16	2.
HSK63A-ER25-200	HSK63A	232	200	174	42	25	42	M18*1.5P	-	1	ER25	2-16	2.4
HSK63A-ER25-250	HSK63A	282	250	224	42	25	49	M18*1.5P	1°	2	ER25	2-16	3.2
HSK63A-ER32-75	HSK63A	107	75	49	50	32	50	M22*1.5P	-	1	ER32	2-20	1.3
HSK63A-ER32-100	HSK63A	132	100	74	50	32	50	M22*1.5P	-	1	ER32	2-20	1.5
HSK63A-ER32-125	HSK63A	157	125	99	50	32	50	M22*1.5P	-	1	ER32	2-20	1.9
HSK63A-ER32-160	HSK63A	192	160	134	50	32	50	M22*1.5P	-	1	ER32	2-20	2.4
HSK63A-ER32-200	HSK63A	232	200	174	50	32	50	M22*1.5P	-	1	ER32	2-20	2.9
HSK63A-ER32-250	HSK63A	282	250	224	50	32	50	M22*1.5P	-	1	ER32	2-20	3.7
HSK63A-ER32-300	HSK63A	332	300	274	50	32	50	M22*1.5P	-	1	ER32	2-20	4.5
HSK63A-ER40-100	HSK63A	132	100	74	63	40	63	M28*1.5P	-	1	ER40	4-26	1.6
HSK63A-ER40-125	HSK63A	157	125	99	63	40	63	M28*1.5P	-	1	ER40	4-26	2.5
HSK63A-ER40-160	HSK63A	192	160	134	63	40	63	M28*1.5P	-	1	ER40	4-26	2.5
HSK63A-ER40-200	HSK63A	232	200	174	63	40	63	M28*1.5P	-	1	ER40	4-26	3.2
HSK63A-ER40-250	HSK63A	282	250	224	63	40	63	M28*1.5P	-	1	ER40	4-26	4
HSK63A-ER40-300	HSK63A	332	300	274	63	40	63	M28*1.5P	-	1	ER40	4-26	4.3

HSK-80A-ER 筒夹刀柄 HSK-80A-ER COLLET CHUCK






J31


J06


J33

规 格 Model	柄部 Handle	L	L1	L2	d1	d2	d3	T	配套筒夹 Collet	夹持范围 Range	重量 KGS
HSK80A-ER16-100	HSK80A	140	100	74	28	16	28	M10*1.0P	ER16	1-10	
HSK80A-ER20-100	HSK80A	140	100	74	34	20	34	M13*1.0P	ER20	1-13	
HSK80A-ER25-100	HSK80A	140	100	74	42	25	42	M18*1.5P	ER25	2-16	2
HSK80A-ER32-100	HSK80A	140	100	74	50	32	50	M22*1.5P	ER32	2-20	2.2
HSK80A-ER40-120	HSK80A	140	100	74	63	40	63	M28*1.5P	ER40	4-26	

特点：

注：

◎螺母为预设动平衡螺母

◎整支通孔，利于出水及抗震

◎装夹时，筒夹必须先装入螺帽，再装入刀具，接着装入本体并锁固

◎刀具装入筒夹内孔，必须超出筒夹内孔有效夹持长度，避免坚固不当造成损坏

◎筒夹和扳手及接钉需要单独订购

◎ ER16/ER20 附标准六角螺母。也可以选用 M 型螺母，本体需要另外订购

◎可根据客户需要精密平衡至 G6.3 15000RPM,G2.5 30000RPM

Features:

◎ Nut for pre-set dynamic balance nut.
◎ The whole through hole is favorable for water and shock resistance.
◎ When installed, the collet must be loaded into the nut, and then into the tool, and then into the body and lock.
◎ The tool into the collet hole, must go beyond the collet hole effective clamping length, to avoid damage caused by improper fastening.
◎ Collets and wrenches and pull studs need to be ordered separately.
◎ Standard hexagon nuts for ER16 / ER20. You can also choose M-type nut, the body need to order another.
◎ Can be based on customer needs to accurately balance to G6.3 15000RPM, G2.5 30000RPM.

HSK-100A-ER 筒夹刀柄 HSK-100A-ER COLLET CHUCK



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FIG. 1

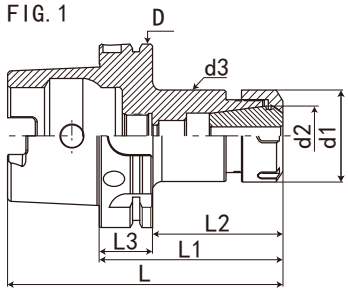
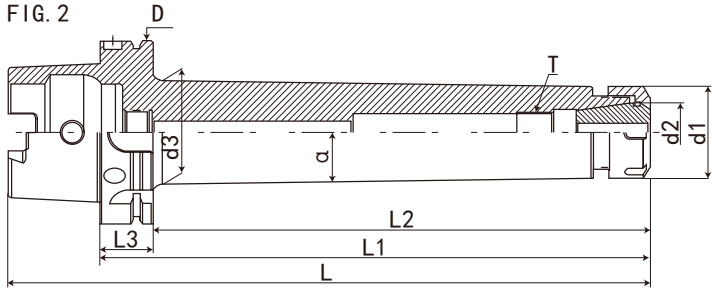


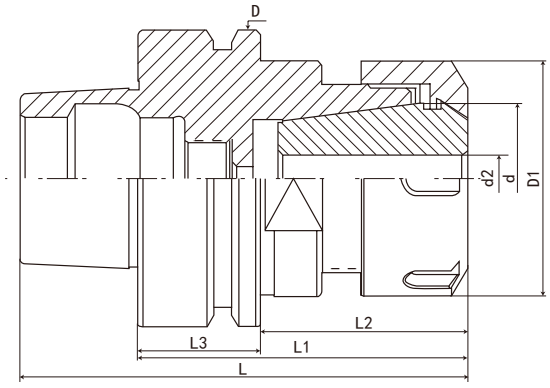
FIG. 2



规 格 Model	柄部 Handle	L	L1	L2	d1	d2	d3	T	α	FIG	配套筒夹 Collet	夹持范围 Range	重量 KGS
HSK100A-ER16-100	HSK100A	150	100	71	28	16	28	M10*1.0P	-	1	ER16	1-10	2.5
HSK100A-ER16-125	HSK100A	175	125	96	28	16	28	M10*1.0P	-	1	ER16	1-10	2.5
HSK100A-ER16-160	HSK100A	210	160	131	28	16	28	M10*1.0P	-	1	ER16	1-10	3
HSK100A-ER16-200	HSK100A	250	200	171	28	16	28	M10*1.0P	-	1	ER16	1-10	3
HSK100A-ER16-250	HSK100A	300	250	221	28	16	35	M10*1.0P	1°	2	ER16	1-10	3.7
HSK100A-ER16-300	HSK100A	350	300	271	28	16	37	M10*1.0P	1°	2	ER16	1-10	4.1
HSK100A-ER20-100	HSK100A	150	100	71	34	20	34	M13*1.0P	-	1	ER20	1-13	2.5
HSK100A-ER20-125	HSK100A	175	125	96	34	20	34	M13*1.0P	-	1	ER20	1-13	2.6
HSK100A-ER20-160	HSK100A	210	160	131	34	20	34	M13*1.0P	-	1	ER20	1-13	3
HSK100A-ER20-200	HSK100A	250	200	171	34	20	34	M13*1.0P	-	1	ER20	1-13	3.5
HSK100A-ER20-250	HSK100A	300	250	221	34	20	41	M13*1.0P	1°	2	ER20	1-13	4.1
HSK100A-ER20-300	HSK100A	350	300	271	34	20	43	M13*1.0P	1°	2	ER20	1-13	4.7
HSK100A-ER25-100	HSK100A	150	100	71	42	25	42	M18*1.5P	-	1	ER25	2-16	2.6
HSK100A-ER25-125	HSK100A	175	125	96	42	25	42	M18*1.5P	-	1	ER25	2-16	3
HSK100A-ER25-160	HSK100A	210	160	131	42	25	42	M18*1.5P	-	1	ER25	2-16	4
HSK100A-ER25-200	HSK100A	250	200	171	42	25	42	M18*1.5P	-	1	ER25	2-16	4
HSK100A-ER25-250	HSK100A	300	250	221	42	25	49	M18*1.5P	1°	2	ER25	2-16	4.5
HSK100A-ER25-300	HSK100A	350	300	271	42	25	51	M18*1.5P	1°	2	ER25	2-16	5
HSK100A-ER25-350	HSK100A	400	350	321	42	25	53	M18*1.5P	1°	2	ER25	2-16	
HSK100A-ER32-100	HSK100A	150	100	71	50	32	50	M22*1.5P	-	1	ER32	2-20	3
HSK100A-ER32-125	HSK100A	175	125	96	50	32	50	M22*1.5P	-	1	ER32	2-20	3.3
HSK100A-ER32-160	HSK100A	210	160	131	50	32	50	M22*1.5P	-	1	ER32	2-20	4
HSK100A-ER32-200	HSK100A	250	200	171	50	32	50	M22*1.5P	-	1	ER32	2-20	4.6
HSK100A-ER32-250	HSK100A	300	250	221	50	32	50	M22*1.5P	-	1	ER32	2-20	5.3
HSK100A-ER32-300	HSK100A	350	300	271	50	32	57	M22*1.5P	1°	2	ER32	2-20	6.2
HSK100A-ER32-350	HSK100A	400	350	321	50	32	59	M22*1.5P	1°	2	ER32	2-20	7.5
HSK100A-ER32-400	HSK100A	450	400	371	50	32	61	M22*1.5P	1°	2	ER32	2-20	10
HSK100A-ER40-100	HSK100A	150	100	71	63	40	63	M28*1.5P	-	1	ER40	4-26	3.3
HSK100A-ER40-125	HSK100A	175	125	96	63	40	63	M28*1.5P	-	1	ER40	4-26	3.8
HSK100A-ER40-160	HSK100A	210	160	131	63	40	63	M28*1.5P	-	1	ER40	4-26	4.6
HSK100A-ER40-200	HSK100A	250	200	171	63	40	63	M28*1.5P	-	1	ER40	4-26	5.5
HSK100A-ER40-250	HSK100A	300	250	221	63	40	63	M28*1.5P	-	1	ER40	4-26	7
HSK100A-ER40-300	HSK100A	350	300	271	63	40	70	M28*1.5P	1°	2	ER40	4-26	8.5
HSK100A-ER40-350	HSK100A	400	350	321	63	40	72	M28*1.5P	1°	2	ER40	4-26	10.5
HSK100A-ER40-400	HSK100A	450	400	371	63	40	74	M28*1.5P	1°	2	ER40	4-26	12.1
HSK100A-ER50-100	HSK100A	150	100	71	78	50	78	M36*1.5P	-	1	ER50	6-34	
HSK100A-ER50-125	HSK100A	175	125	96	78	50	78	M36*1.5P	-	1	ER50	6-34	
HSK100A-ER50-160	HSK100A	210	160	131	78	50	78	M36*1.5P	-	1	ER50	6-34	
HSK100A-ER50-200	HSK100A	250	200	171	78	50	78	M36*1.5P	-	1	ER50	6-34	

HSK-63F-ER 筒夹刀柄 HSK-63F-ER COLLET CHUCK






J31


J06


J33

规 格 Model	柄部 Handle	L	L1	L2	L3	D	D1	d	d1	a	夹持范围 d2 Range	重量 KGS
HSK63F-ER16-70	HSK63F	95	70	44	26	50	28	16	38	5	1.0-10.0	1
HSK63F-ER16-100	HSK63F	125	100	74	26	50	28	16	38	5	1.0-10.0	1
HSK63F-ER20-70	HSK63F	95	70	44	26	50	34	20	38	5	1.0-13.0	1
HSK63F-ER20-100	HSK63F	125	100	74	26	50	34	20	38	5	1.0-13.0	1.2
HSK63F-ER25-70	HSK63F	95	70	44	26	50	42	25	38	5	1.0-16.0	1
HSK63F-ER25-100	HSK63F	125	100	74	26	50	42	25	38	5	1.0-16.0	1.3
HSK63F-ER32-70	HSK63F	95	70	44	26	50	50	32	38	5	1.0-20.0	1.1
HSK63F-ER32-100	HSK63F	125	100	74	26	50	50	32	38	5	1.0-20.0	1.5
HSK63F-ER40-80	HSK63F	105	80	54	26	50	63	40	38	5	1.0-26.0	1.3
HSK63F-ER40-100	HSK63F	125	100	74	26	50	63	40	38	5	1.0-26.0	1.5

特点：

注：

◎螺母为预设动平衡螺母

◎整支通孔，利于出水及抗震

◎装夹时，筒夹必须先装入螺帽，再装入刀具，接着装入本体并锁固

◎刀具装入筒夹内孔，必须超出筒夹内孔有效夹持长度，避免坚固不当造成损坏

◎筒夹和扳手及接钉需要单独订购

◎ ER16/ER20 附标准六角螺母。也可以选用 M 型螺母，本体需要另外订购

◎可根据客户需要精密平衡至 G6.3 15000RPM,G2.5 30000RPM

Features:

◎ Nut for pre-set dynamic balance nut.

◎ The whole through hole is favorable for water and shock resistance.

◎ When installed, the collet must be loaded into the nut, and then into the tool, and then into the body and lock.

◎ The tool into the collet hole, must go beyond the collet hole effective clamping length, to avoid damage caused by improper fastening.

◎ Collets and wrenches and pull studs need to be ordered separately.

◎ Standard hexagon nuts for ER16 / ER20. You can also choose M-type nut, the body need to order another.

◎ Can be based on customer needs to accurately balance to G6.3 15000RPM, G2.5 30000RPM.

HSK-32A-SLN 侧固式刀柄 HSK-32A-SLN SIDE LOCK END MILL HOLDER



FIG.1

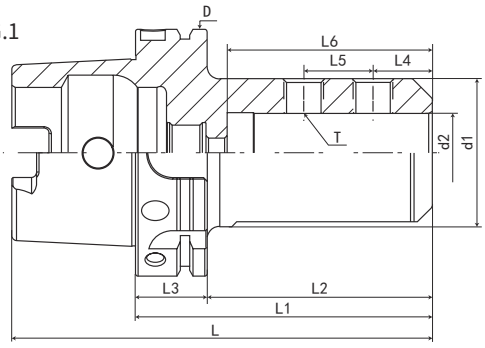
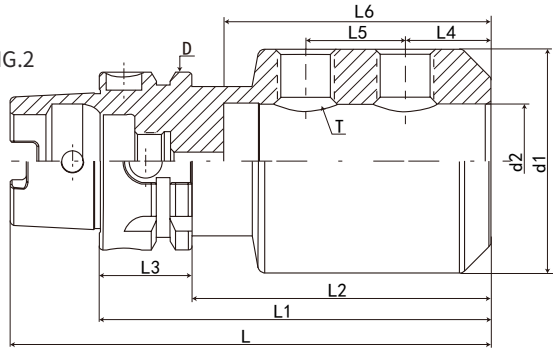




FIG.2





P03

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	L5	L6	D	d1	d2	T	FIG	重量 KGS
HSK32A-SLN6-60	HSK32A	76	60	40	20	12	10	41	32	25	6	M6	1	
HSK32A-SLN8-60	HSK32A	76	60	40	20	14	12	41	32	26	8	M8	1	
HSK32A-SLN10-65	HSK32A	81	65	45	20	15	14	46	32	32	10	M10	1	
HSK32A-SLN12-70	HSK32A	86	70	50	20	20	16	50	32	36	12	M10	2	
HSK32A-SLN14-75	HSK32A	91	75	55	20	22	18	55	32	38	14	M10	2	
HSK32A-SLN16-75	HSK32A	91	75	55	20	22	18	55	32	42	16	M10	2	
HSK32A-SLN20-90	HSK32A	106	90	70	20	25	20	68	32	52	20	M12	2	

HSK-40A-SLN 侧固式刀柄 HSK-40A-SLN SIDE LOCK END MILL HOLDER





FIG.1

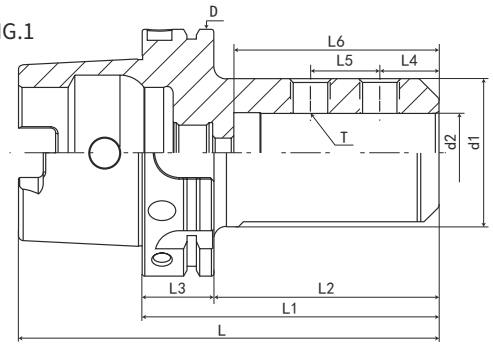
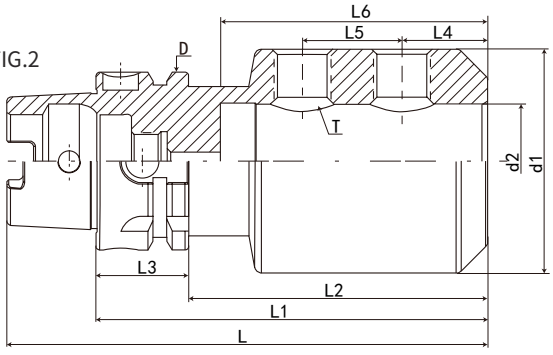


FIG.2





P03

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	L5	L6	D	d1	d2	T	FIG	重量 KGS
HSK40A-SLN6-60	HSK40A	80	60	40	20	12	10	41	40	25	6	M6	1	
HSK40A-SLN8-60	HSK40A	80	60	40	20	14	12	41	40	28	8	M8	1	
HSK40A-SLN10-60	HSK40A	80	60	40	20	15	14	41	40	34	10	M10	1	
HSK40A-SLN12-70	HSK40A	90	70	50	20	20	16	50	40	36	12	M10	1	
HSK40A-SLN14-75	HSK40A	95	75	55	20	22	18	55	40	38	14	M10	1	
HSK40A-SLN16-75	HSK40A	95	75	55	20	22	18	55	40	40	16	M10	1	
HSK40A-SLN18-85	HSK40A	105	85	65	20	24	20	65	40	42	18	M12	2	
HSK40A-SLN20-85	HSK40A	105	85	65	20	25	20	68	40	52	20	M12	2	
HSK40A-SLN25-95	HSK40A	115	95	75	20	24	25	68	40	52	25	M12	2	
HSK40A-SLN32-105	HSK40A	125	105	85	20	24	28	75	40	63	32	M16	2	

HSK-50A-SLN 侧固式刀柄 HSK-50A-SLN SIDE LOCK END MILL HOLDER





FIG.1

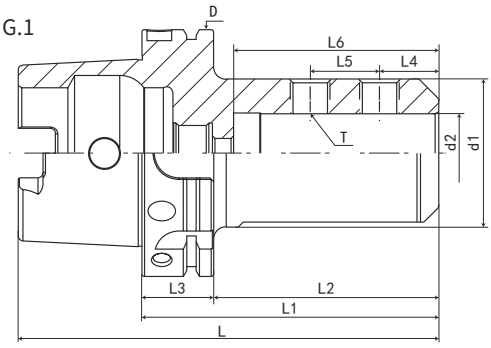
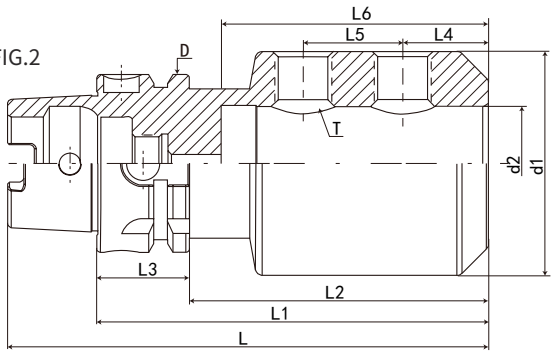


FIG.2





P03

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	L5	L6	D	d1	d2	T	FIG	重量 KGS
HSK50A-SLN6-65	HSK50A	90	65	39	26	12	10	41	50	25	6	M6	1	
HSK50A-SLN8-65	HSK50A	90	65	39	26	14	12	41	50	28	8	M8	1	
HSK50A-SLN10-65	HSK50A	90	65	39	26	15	14	41	50	35	10	M10	1	
HSK50A-SLN12-80	HSK50A	105	80	54	26	20	16	55	50	40	12	M10	1	
HSK50A-SLN14-80	HSK50A	105	80	54	26	22	18	55	50	40	14	M10	1	
HSK50A-SLN16-80	HSK50A	105	80	54	26	22	18	55	50	40	16	M10	1	
HSK50A-SLN18-90	HSK50A	115	90	64	26	24	20	65	50	42	18	M12	1	
HSK50A-SLN20-90	HSK50A	115	90	64	26	25	20	65	50	52	20	M12	2	
HSK50A-SLN25-110	HSK50A	135	110	84	26	24	25	68	50	52	25	M12	2	
HSK50A-SLN32-110	HSK50A	135	110	84	26	24	28	75	50	63	32	M16	2	

HSK-63A-SLN 侧固式刀柄 HSK-63A-SLN SIDE LOCK END MILL HOLDER



FIG. 1

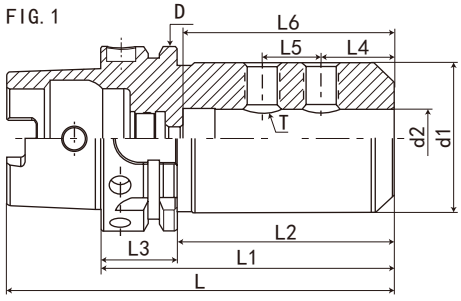
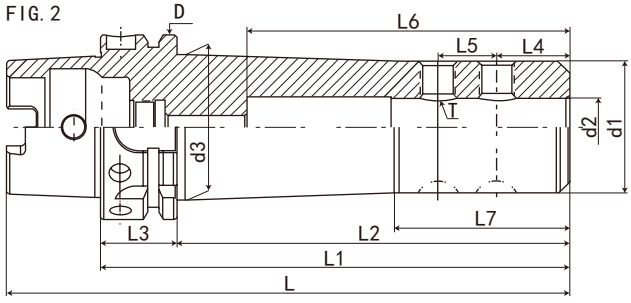


FIG. 2



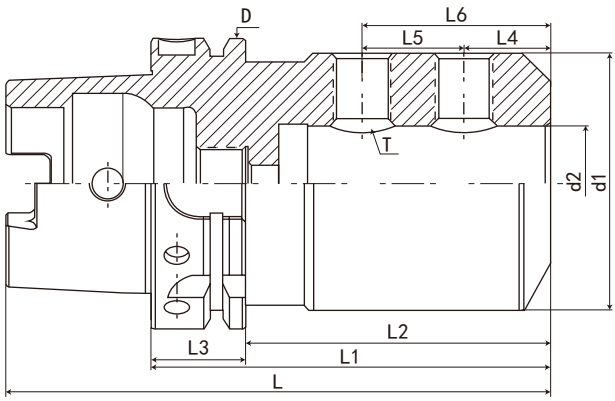


P03

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	L5	L6	L7	D	d1	d2	d3	T	Fig	重量 KGS
HSK63A-SLN6-100	HSK63A	122	100	74	26	12	10	50	-	63	25	6	-	M6	1	
HSK63A-SLN6-120	HSK63A	152	120	94	26	12	10	50	-	63	25	6	-	M6	1	
HSK63A-SLN6-160	HSK63A	192	160	134	26	12	10	50	45	63	20	6	25	M6	2	
HSK63A-SLN8-100	HSK63A	122	100	74	26	14	12	50	-	63	28	8	-	M8	1	
HSK63A-SLN8-120	HSK63A	152	120	94	26	14	12	50	-	63	28	8	-	M8	1	
HSK63A-SLN8-160	HSK63A	192	160	134	26	14	12	50	45	63	23	8	28	M8	2	
HSK63A-SLN10-100	HSK63A	122	100	74	26	15	14	55	-	63	35	10	-	M10	1	
HSK63A-SLN10-120	HSK63A	152	120	94	26	15	14	55	-	63	35	10	-	M10	1	
HSK63A-SLN10-160	HSK63A	192	160	134	26	15	14	55	50	63	30	10	35	M10	2	1.6
HSK63A-SLN12-100	HSK63A	122	100	74	26	20	16	57	-	63	40	12	-	M10	1	
HSK63A-SLN12-120	HSK63A	152	120	94	26	20	16	60	-	63	40	12	-	M10	1	
HSK63A-SLN12-160	HSK63A	192	160	134	26	20	16	60	50	63	35	12	40	M10	2	
HSK63A-SLN14-100	HSK63A	122	100	74	26	22	18	57	-	63	46	14	-	M10	1	1.6
HSK63A-SLN14-120	HSK63A	152	120	94	26	22	18	60	-	63	46	14	-	M10	1	1.9
HSK63A-SLN14-160	HSK63A	192	160	134	26	22	18	60	55	63	40	14	45	M10	2	2.1
HSK63A-SLN16-100	HSK63A	122	100	74	26	22	18	57	-	63	48	16	-	M10	1	
HSK63A-SLN16-120	HSK63A	152	120	94	26	22	18	87	-	63	48	16	-	M10	1	1.9
HSK63A-SLN16-160	HSK63A	192	160	134	26	22	18	100	55	63	40	16	45	M10	2	2.1
HSK63A-SLN16-200	HSK63A	232	200	174	26	22	18	100	55	63	40	16	45	M10	2	2.5
HSK63A-SLN18-100	HSK63A	132	100	74	26	24	20	68	-	63	50	18	-	M12	1	1.7
HSK63A-SLN18-120	HSK63A	152	120	94	26	24	20	88	-	63	50	18	-	M12	1	2
HSK63A-SLN18-160	HSK63A	192	160	134	26	24	20	100	60	63	45	18	50	M12	2	2
HSK63A-SLN20-100	HSK63A	132	100	74	26	25	20	68	-	63	52	20	-	M12	1	1.6
HSK63A-SLN20-120	HSK63A	152	120	94	26	25	20	88	-	63	52	20	-	M12	1	2
HSK63A-SLN20-160	HSK63A	192	160	134	26	25	20	110	60	63	45	20	50	M12	2	2.3
HSK63A-SLN20-200	HSK63A	232	200	174	26	25	20	110	60	63	45	20	50	M12	2	2.8
HSK63A-SLN25-110	HSK63A	142	110	84	26	24	25	68	-	63	65	25	-	M12	1	
HSK63A-SLN25-160	HSK63A	192	160	134	26	24	25	120	65	63	50	25	55	M12	2	3.5
HSK63A-SLN25-200	HSK63A	232	200	174	26	24	25	120	65	63	50	25	55	M12	2	3.1
HSK63A-SLN32-110	HSK63A	142	110	84	26	24	28	73	-	63	72	32	-	M16	1	
HSK63A-SLN32-160	HSK63A	192	160	134	26	24	28	120	70	63	60	32	65	M16	2	4
HSK63A-SLN32-200	HSK63A	232	200	174	26	24	28	120	70	63	60	32	65	M16	2	3.9
HSK63A-SLN40-125	HSK63A	157	125	99	26	30	32	87	-	63	80	40	-	M20	1	
HSK63A-SLN40-160	HSK63A	192	160	134	26	30	32	120	80	63	70	40	75	M16	2	4.4
HSK63A-SLN40-200	HSK63A	232	200	174	26	30	32	120	80	63	70	40	75	M16	2	4.8

HSK-80A-SLN 侧固式刀柄 HSK-80A-SLN SIDE LOCK END MILL HOLDER







P03

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	L5	L6	D	d1	d2	T	重量 KGS
HSK80A-SLN6-80	HSK80A	120	80	54	26	12	10	48	80	25	6	M6	
HSK80A-SLN8-80	HSK80A	120	80	54	26	14	12	48	80	28	8	M8	
HSK80A-SLN10-80	HSK80A	120	80	54	26	15	14	48	80	35	10	M10	
HSK80A-SLN12-80	HSK80A	120	80	54	26	20	16	48	80	40	12	M10	
HSK80A-SLN14-80	HSK80A	120	80	54	26	22	18	48	80	46	14	M10	
HSK80A-SLN16-100	HSK80A	140	100	74	26	22	18	68	80	48	16	M10	
HSK80A-SLN18-100	HSK80A	140	100	74	26	24	20	68	80	50	18	M12	
HSK80A-SLN20-100	HSK80A	140	100	74	26	25	20	68	80	52	20	M12	
HSK80A-SLN25-100	HSK80A	140	100	74	26	24	25	68	80	65	25	M12	
HSK80A-SLN32-110	HSK80A	150	110	74	26	24	28	75	80	72	32	M16	
HSK80A-SLN40-120	HSK80A	160	120	74	26	30	32	85	80	80	40	M20	

HSK-100A-SLN 侧固式刀柄 HSK-100A-SLN SIDE LOCK END MILL HOLDER





FIG. 1

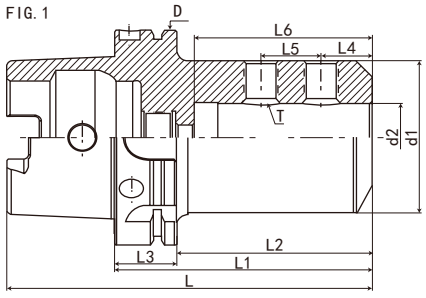
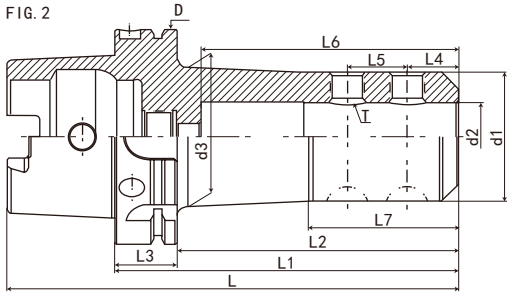


FIG. 2



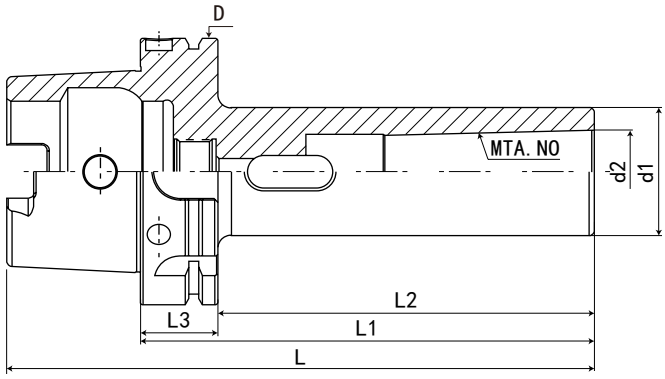


P03

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	L5	L6	L7	D	d1	d2	d3	T	Fig	重量 KGS
HSK100A-SLN6-80	HSK100A	130	80	51	29	12	10	50	-	100	25	6	-	M6	1	
HSK100A-SLN6-160	HSK100A	210	160	131	29	12	10	50	45	100	20	6	25	M6	2	
HSK100A-SLN8-80	HSK100A	130	80	51	29	14	12	50	-	100	28	8	-	M8	1	
HSK100A-SLN8-160	HSK100A	210	160	131	29	14	12	50	45	100	23	8	28	M8	2	
HSK100A-SLN10-80	HSK100A	130	80	51	29	15	14	55	-	100	35	10	-	M10	1	
HSK100A-SLN10-160	HSK100A	210	160	131	29	15	14	55	50	100	30	10	35	M10	2	
HSK100A-SLN12-80	HSK100A	130	80	51	29	20	16	60	-	100	40	12	-	M10	1	
HSK100A-SLN12-160	HSK100A	210	160	131	29	20	16	60	50	100	35	12	40	M10	2	
HSK100A-SLN14-80	HSK100A	130	80	51	29	22	18	60	-	100	46	14	-	M10	1	
HSK100A-SLN14-160	HSK100A	210	160	131	29	22	18	60	55	100	40	14	45	M10	2	
HSK100A-SLN16-100	HSK100A	150	100	71	29	22	18	62	-	100	48	16	-	M10	1	3.2
HSK100A-SLN16-160	HSK100A	210	160	131	29	22	18	100	55	100	40	16	45	M10	2	4.3
HSK100A-SLN16-200	HSK100A	250	200	171	29	22	18	100	55	100	40	16	45	M10	2	4.8
HSK100A-SLN18-100	HSK100A	150	100	71	29	24	20	62	-	100	50	18	-	M10	1	
HSK100A-SLN18-160	HSK100A	210	160	131	29	24	20	100	60	100	45	18	50	M10	2	
HSK100A-SLN20-100	HSK100A	150	100	71	29	25	20	63	-	100	52	20	-	M12	1	3.5
HSK100A-SLN20-160	HSK100A	210	160	131	29	25	20	110	60	100	45	20	50	M12	2	4.3
HSK100A-SLN20-200	HSK100A	250	200	171	29	25	20	110	60	100	45	20	50	M12	2	4.9
HSK100A-SLN20-250	HSK100A	300	250	221	29	25	20	110	60	100	45	20	50	M12	2	
HSK100A-SLN25-100	HSK100A	150	100	71	29	24	25	63	-	100	65	25	-	M12	1	3.2
HSK100A-SLN25-160	HSK100A	210	160	131	29	24	25	110	65	100	50	25	55	M12	2	4.2
HSK100A-SLN25-200	HSK100A	250	200	171	29	24	25	110	65	100	50	25	55	M12	2	4.7
HSK100A-SLN25-250	HSK100A	300	250	221	29	24	25	110	65	100	50	25	55	M12	2	5.5
HSK100A-SLN32-120	HSK100A	170	120	91	29	24	28	73	-	100	72	32	-	M16	1	3.5
HSK100A-SLN32-160	HSK100A	210	160	131	29	24	28	120	70	100	60	32	65	M16	2	4.5
HSK100A-SLN32-200	HSK100A	250	200	171	29	24	28	120	70	100	60	32	65	M16	2	4.5
HSK100A-SLN32-250	HSK100A	300	250	221	29	24	28	120	70	100	60	32	65	M16	2	6.7
HSK100A-SLN32-300	HSK100A	350	300	271	29	24	28	120	70	100	60	32	65	M16	2	7.8
HSK100A-SLN40-120	HSK100A	170	120	91	29	30	32	87	-	100	80	40	-	M20	1	4.9
HSK100A-SLN40-160	HSK100A	210	160	131	29	30	32	120	80	100	70	40	75	M16	2	5.2
HSK100A-SLN40-200	HSK100A	250	200	171	29	30	32	120	80	100	70	40	75	M16	2	6.5
HSK100A-SLN40-250	HSK100A	300	250	221	29	30	32	120	80	100	70	40	75	M16	2	7.9
HSK100A-SLN40-300	HSK100A	350	300	271	29	30	32	120	80	100	70	40	75	M16	2	
HSK100A-SLN42-120	HSK100A	170	120	91	29	30	32	87	-	100	80	42	-	M20	1	4.8
HSK100A-SLN42-160	HSK100A	210	160	131	29	30	32	120	80	100	75	42	80	M16	2	5.7
HSK100A-SLN42-200	HSK100A	250	200	171	29	30	32	120	80	100	75	42	80	M16	2	7.1
HSK100A-SLN50-120	HSK100A	170	120	91	29	35	35	87	-	100	88	50	-	M20	1	5.1
HSK100A-SLN50-160	HSK100A	210	160	131	29	35	35	120	-	100	83	50	88	M20	1	
HSK100A-SLN50.8-120	HSK100A	170	120	91	29	35	35	87	-	100	88	50.8	-	M20	1	5.1
HSK100A-SLN50.8-160	HSK100A	210	160	131	29	35	35	120	-	100	83	50.8	88	M20	1	

HSK50A-MTA 带扁尾莫氏刀柄　HSK50A-MTA TAPER ADAPTER(MORSE)





规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	MTA.No	夹持钻头范围	重量 KGS
HSK50A-MTA1-100	HSK50A	125	100	74	26	50	25	12.065	MTA1	Φ2-Φ14	0.7
HSK50A-MTA2-120	HSK50A	145	120	94	26	50	32	17.78	MTA2	Φ14-Φ23	0.9
HSK50A-MTA3-140	HSK50A	165	140	114	26	50	40	23.825	MTA3	Φ23-Φ32	1.2

特点:

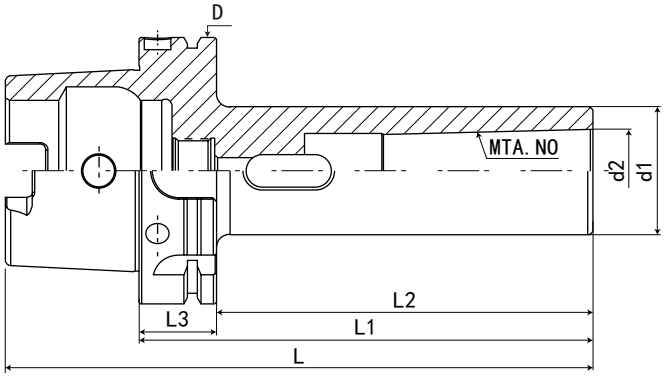
◎ MTA= 扁尾型式 =DIN 228-A

Features:

◎ MTA=TANG TYPE=DIN 228-A

HSK63A-MTA 带扁尾莫氏刀柄　HSK63A-MTA TAPER ADAPTER(MORSE)





规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	MTA.No	夹持钻头范围	重量 KGS
HSK63A-MTA1-100	HSK63A	132	100	74	26	63	25	12.065	MTA1	ϕ2-ϕ14	
HSK63A-MTA2-120	HSK63A	152	120	94	26	63	32	17.78	MTA2	Φ14-ϕ23	
HSK63A-MTA3-140	HSK63A	172	140	114	26	63	40	23.825	MTA3	Φ23-ϕ32	
HSK63A-MTA4-160	HSK63A	192	160	134	26	63	48	31.267	MTA4	ϕ32-ϕ50	

特点:

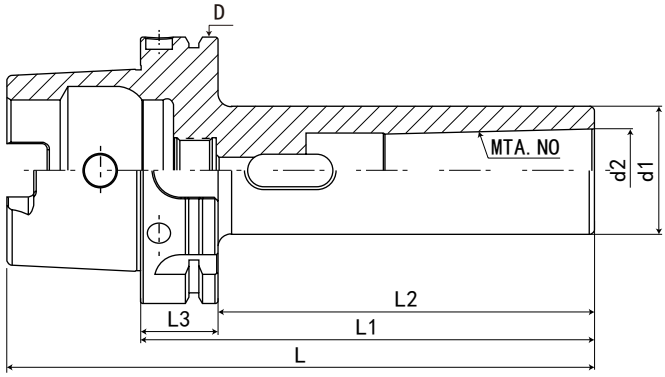
◎ MTA= 扁尾型式 =DIN 228-A

Features:

◎ MTA=TANG TYPE=DIN 228-A

HSK80A-MTA 带扁尾莫氏刀柄 HSK80A-MTA TAPER ADAPTER(MORSE)





规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	MTA.No	夹持钻头范围	重量 KGS
HSK80A-MTA1-100	HSK80A	140	100	74	26	80	25	12.065	MTA1	Φ2-Φ14	
HSK80A-MTA2-120	HSK80A	160	120	94	26	80	32	17.78	MTA2	Φ14-Φ23	
HSK80A-MTA3-140	HSK80A	180	140	114	26	80	40	23.825	MTA3	Φ23-Φ32	
HSK80A-MTA4-160	HSK80A	200	160	134	26	80	48	31.267	MTA4	Φ32-Φ50	

特点:

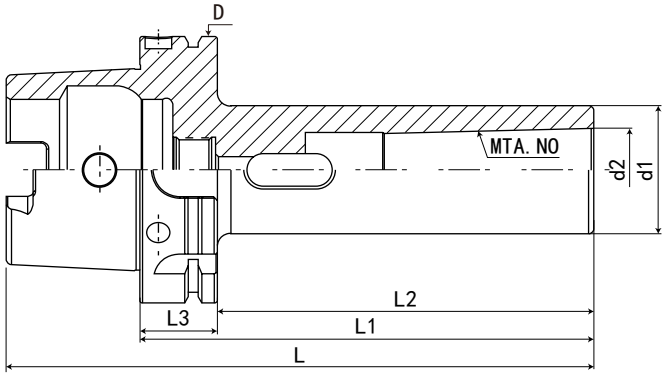
◎ MTA= 扁尾型式 =DIN 228-A

Features:

◎ MTA=TANG TYPE=DIN 228-A

HSK100A-MTA 带扁尾莫氏刀柄 HSK100A-MTA TAPER ADAPTER(MORSE)





规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	MTA.No	夹持钻头范围	重量 KGS
HSK100A-MTA1-110	HSK100A	160	110	81	29	100	25	12.065	MTA1	φ2-φ14	
HSK100A-MTA2-120	HSK100A	170	120	91	29	100	32	17.78	MTA2	Φ14-φ23	2.8
HSK100A-MTA3-150	HSK100A	200	150	121	29	100	40	23.825	MTA3	Φ23-φ32	3.3
HSK100A-MTA4-170	HSK100A	220	170	141	29	100	48	31.267	MTA4	φ32-φ50	3.8
HSK100A-MTA5-200	HSK100A	250	200	171	29	100	63	44.399	MTA5	φ50-φ75	5.2

特点:

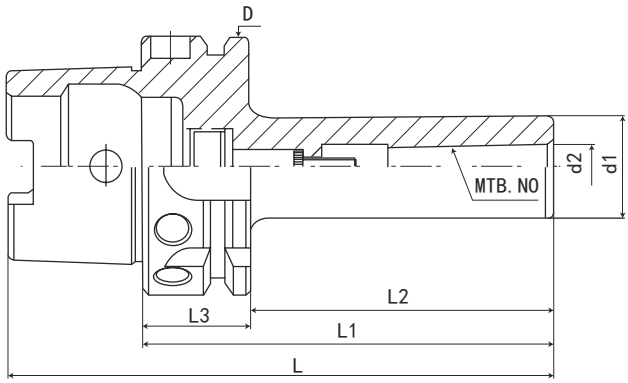
◎ MTA= 扁尾型式 =DIN 228-A

Features:

◎ MTA=TANG TYPE=DIN 228-A

HSK50A-MTB 无扁尾莫氏刀柄 HSK50A-MTB MORSE TAP HOLDER





规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	MTB.No	夹持钻头范围	重量 KGS
HSK50A-MTB1-100	HSK50A	125	100	74	26	50	25	12.065	MTB1	Φ10-Φ14	
HSK50A-MTB2-120	HSK50A	145	120	94	26	50	32	17.78	MTB2	Φ16-Φ22	
HSK50A-MTB3-140	HSK50A	165	140	114	26	50	40	23.825	MTB3	Φ24-Φ32	

特点:

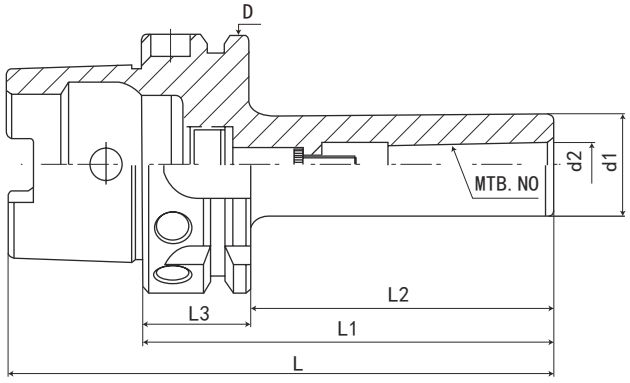
◎ MTB= 扁尾型式 =DIN 228-B

Features:

◎ MTB=TANG TYPE=DIN 228-B

HSK63A-MTB 无扁尾莫氏刀柄 HSK63A-MTB MORSE TAP HOLDER





规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	MTA.No	夹持钻头范围	重量 KGS
HSK63A-MTB1-100	HSK63A	132	100	74	26	63	ϕ25	12.065	MTB1	ϕ10-ϕ14	
HSK63A-MTB2-120	HSK63A	152	120	94	26	63	ϕ32	17.78	MTB2	ϕ16-ϕ22	
HSK63A-MTB3-140	HSK63A	172	140	114	26	63	ϕ40	23.825	MTB3	ϕ24-ϕ32	
HSK63A-MTB4-160	HSK63A	192	160	134	26	63	ϕ48	31.267	MTB4	ϕ32-ϕ50	

特点:

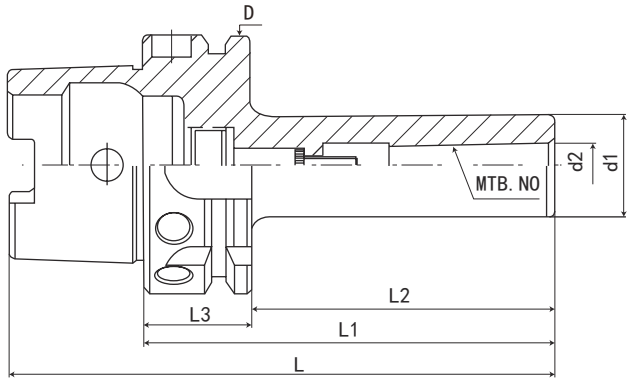
◎ MTB= 扁尾型式 =DIN 228-B

Features:

◎ MTB=TANG TYPE=DIN 228-B

HSK80A-MTB 无扁尾莫氏刀柄 HSK80A-MTB MORSE TAP HOLDER





规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	MTB.No	夹持钻头范围	重量 KGS
HSK80A-MTB1-110	HSK80A	150	110	84	26	80	25	12.065	MTB1	Φ10-Φ14	
HSK80A-MTB2-120	HSK80A	160	120	94	26	80	32	17.78	MTB2	Φ16-Φ22	
HSK80A-MTB3-150	HSK80A	190	150	124	26	80	40	23.825	MTB3	Φ24-Φ32	
HSK80A-MTB4-170	HSK80A	210	170	144	26	80	48	31.267	MTB4	Φ32-Φ50	

特点：

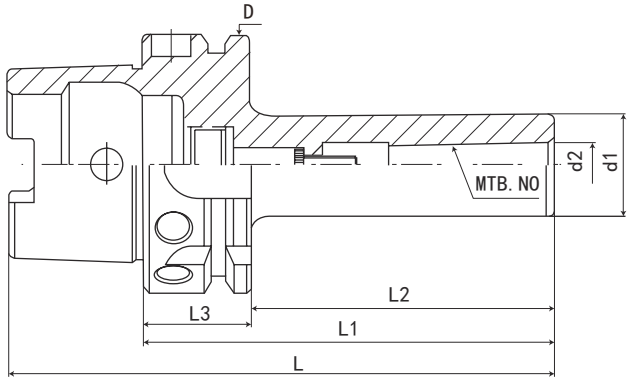
◎ MTB= 扁尾型式 =DIN 228-B

Features:

◎ MTB=TANG TYPE=DIN 228-B

HSK100A-MTB 无扁尾莫氏刀柄 HSK100A-MTB MORSE TAP HOLDER





规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	MTA.No	夹持钻头范围	重量 KGS
HSK100A-MTB1-110	HSK100A	160	110	81	29	100	ϕ25	12.065	MTB1	ϕ10-ϕ14	
HSK100A-MTB2-120	HSK100A	170	120	91	29	100	ϕ32	17.78	MTB2	ϕ16-ϕ22	2.8
HSK100A-MTB3-150	HSK100A	200	150	121	29	100	ϕ40	23.825	MTB3	ϕ24-ϕ32	3.4
HSK100A-MTB4-170	HSK100A	220	170	141	29	100	ϕ48	31.267	MTB4	ϕ32-ϕ50	3.9
HSK100A-MTB5-200	HSK100A	250	200	171	29	100	ϕ63	44.399	MTB5	ϕ40-ϕ75	5.2

特点：

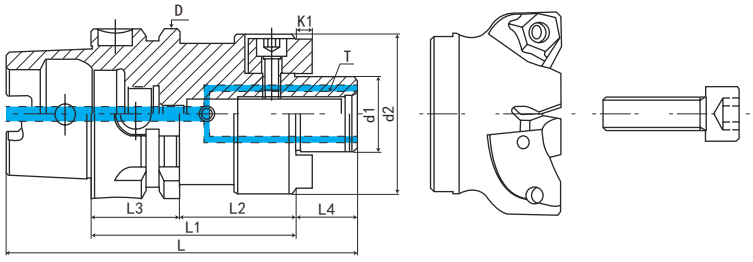
◎ MTB= 扁尾型式 =DIN 228-B

Features:

◎ MTB=TANG TYPE=DIN 228-B

HSK32A-FMB 平面铣刀柄 HSK32A-FMB FACE MILL ARBOR







M02

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	d1	d2	K1	K2	T	重量 KGS
HSK32A-FMB16-45	HSK32A	78	45	25	20	17	32	16	37	3.2	8	M8*1.25P	
HSK32A-FMB22-50	HSK32A	84	50	30	20	18	32	22	47	4.8	10	M10*1.5P	

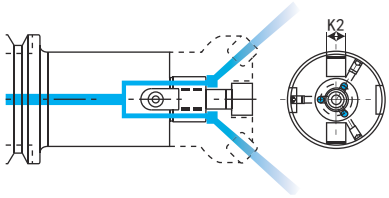
特点:

◎平面铣刀配合部位（d1）轴系公差 h6

Features:

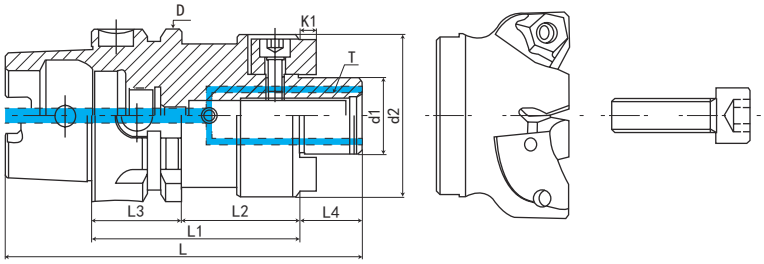
◎ d1 tolerance:h6

通过内冷，冷却液・空气直达刀尖



HSK40A-FMB 平面铣刀柄 HSK40A-FMB FACE MILL ARBOR







M02

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	d1	d2	K1	K2	T	重量 KGS
HSK40A-FMB16-50	HSK40A	87	50	30	20	17	40	16	37	3.2	8	M8*1.25P	
HSK40A-FMB22-50	HSK40A	88	50	30	20	18	40	22	47	4.8	10	M10*1.5P	
HSK40A-FMB27-55	HSK40A	95	55	35	20	20	40	27	60	5.8	12	M12*1.75P	
HSK40A-FMB32-60	HSK40A	102	60	40	20	22	40	32	63	6.3	14	M16*2.0P	

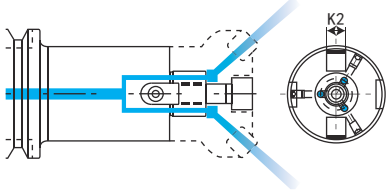
特点:

◎平面铣刀配合部位（d1）轴系公差 h6

Features:

◎ d1 tolerance:h6

通过内冷，冷却液・空气直达刀尖



HSK50A-FMB 平面铣刀柄 HSK40A-FMB FACE MILL ARBOR





FIG. 1

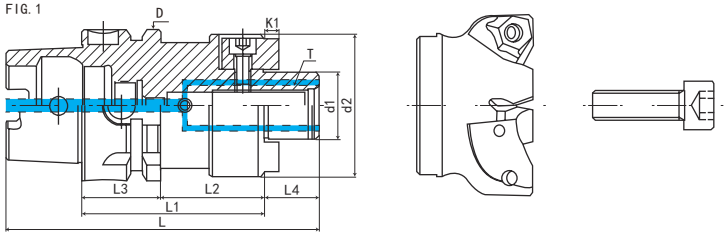
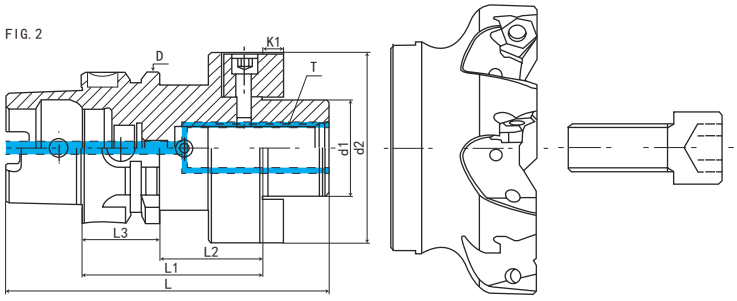


FIG. 2





M02

规 格 Model	L	L1	L2	L3	d1	d2	K1	K2	T	FIG	重量 KGS
HSK50A-FMB16-50	92	50	24	17	16	37	3.2	8	M8*1.25P	1	
HSK50A-FMB22-60	103	60	34	18	22	47	4.8	10	M10*1.5P	1	
HSK50A-FMB27-60	105	60	34	20	27	60	5.8	12	M12*1.75P	2	
HSK50A-FMB32-60	107	60	34	22	32	63	6.3	14	M16*2.0P	2	

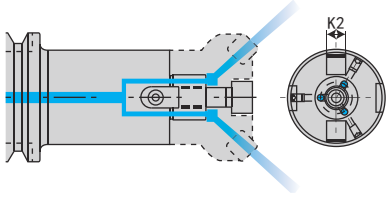
特点:

◎平面铣刀配合部位（d1）轴系公差 h6

Features:

◎ d1 tolerance:h6

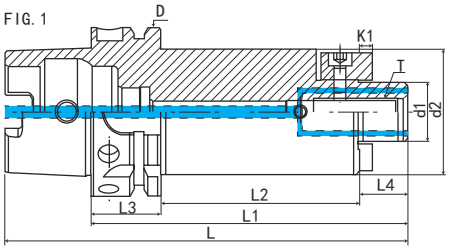
通过内冷，冷却液・空气直达刀尖



HSK63A-FMB 平面铣刀柄 HSK63A-FMB FACE MILL ARBOR



FIG. 1



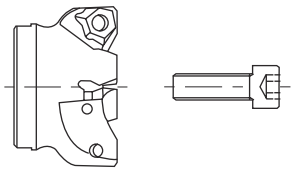
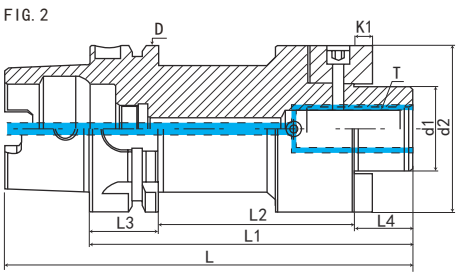
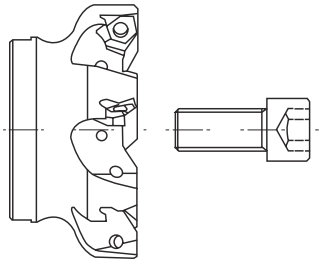




FIG. 2







M02

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	d1	d2	K1	K2	T	FIG	重量 KGS
HSK63A-FMB16-50-D37	HSK63A	99	50	24	26	17	63	16	37	3.2	8	M8*1.25P	1	
HSK63A-FMB16-100-D37	HSK63A	149	100	74	26	17	63	16	37	3.2	8	M8*1.25P	1	1.4
HSK63A-FMB16-150-D37	HSK63A	199	150	134	26	17	63	16	37	3.2	8	M8*1.25P	1	
HSK63A-FMB22-50-D47	HSK63A	100	50	24	26	18	63	22	47	4.8	10	M10*1.5P	1	1.2
HSK63A-FMB22-100-D47	HSK63A	150	100	74	26	18	63	22	47	4.8	10	M10*1.5P	1	1.8
HSK63A-FMB22-150-D47	HSK63A	200	150	124	26	18	63	22	47	4.8	10	M10*1.5P	1	2.5
HSK63A-FMB22-200-D47	HSK63A	250	200	174	26	18	63	22	47	4.8	10	M10*1.5P	1	3
HSK63A-FMB22-250-D47	HSK63A	300	250	224	26	18	63	22	47	4.8	10	M10*1.5P	1	4.1
HSK63A-FMB22-300-D47	HSK63A	350	300	274	26	18	63	22	47	4.8	10	M10*1.5P	1	4.4
HSK63A-FMB27-60-D60	HSK63A	112	60	34	26	20	63	27	60	5.8	12	M12*1.75P	1	1.5
HSK63A-FMB27-100-D60	HSK63A	152	100	74	26	20	63	27	60	5.8	12	M12*1.75P	1	2
HSK63A-FMB27-150-D60	HSK63A	202	150	124	26	20	63	27	60	5.8	12	M12*1.75P	1	2.9
HSK63A-FMB27-200-D60	HSK63A	252	200	174	26	20	63	27	60	5.8	12	M12*1.75P	1	3
HSK63A-FMB27-250-D60	HSK63A	302	250	224	26	20	63	27	60	5.8	12	M12*1.75P	1	4.5
HSK63A-FMB27-300-D60	HSK63A	352	300	274	26	20	63	27	60	5.8	12	M12*1.75P	1	5.3
HSK63A-FMB32-60-D63	HSK63A	114	60	34	26	22	63	32	63	6.3	14	M16*2.0P	2	1.7
HSK63A-FMB32-100-D63	HSK63A	154	100	74	26	22	63	32	63	6.3	14	M16*2.0P	2	2.3
HSK63A-FMB32-150-D63	HSK63A	204	150	124	26	22	63	32	63	6.3	14	M16*2.0P	2	3.1
HSK63A-FMB32-200-D63	HSK63A	254	200	174	26	22	63	32	63	6.3	14	M16*2.0P	2	3.9
HSK63A-FMB32-250-D63	HSK63A	304	250	224	26	22	63	32	63	6.3	14	M16*2.0P	2	4.4
HSK63A-FMB40-60-D78	HSK63A	117	60	34	26	25	63	40	78	8.3	16	M16*2.0P	2	2.3
HSK63A-FMB40-100-D78	HSK63A	157	100	74	26	25	63	40	78	8.3	16	M16*2.0P	2	3.2
HSK63A-FMB40-150-D78	HSK63A	207	150	124	26	25	63	40	78	8.3	16	M16*2.0P	2	3.6
HSK63A-FMB40-200-D78	HSK63A	257	200	174	26	25	63	40	78	8.3	16	M16*2.0P	2	4.7
HSK63A-FMB40-250-D78	HSK63A	307	250	224	26	25	63	40	78	8.3	16	M16*2.0P	2	

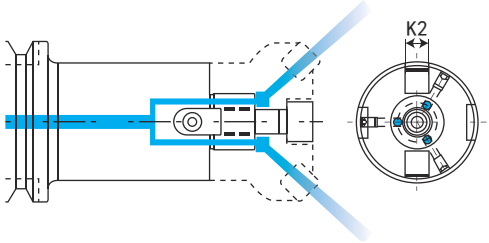
特点:

◎平面铣刀配合部位（d1）轴系公差 h6

Features:

◎ d1 tolerance:h6

通过内冷，冷却液・空气直达刀尖



HSK80A-FMB 平面铣刀柄 HSK80A-FMB FACE MILL ARBOR



FIG. 1

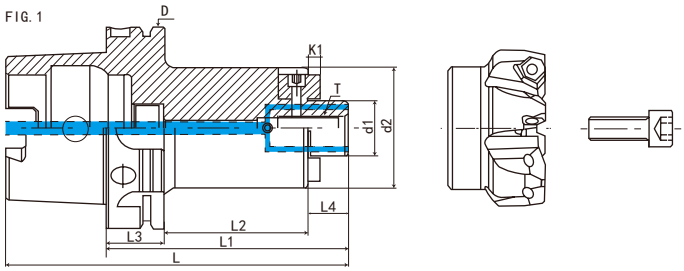
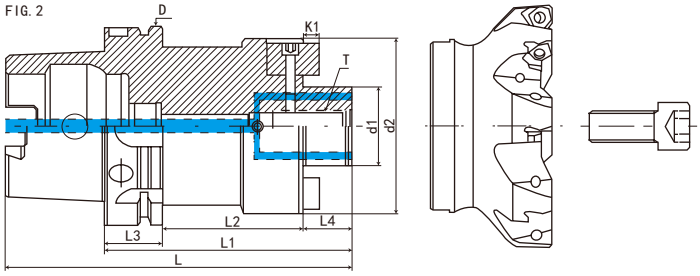




FIG. 2





M02

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	d1	d2	K1	K2	T	FIG	重量 KGS
HSK80A-FMB22-50	HSK80A	108	50	24	26	18	80	22	47	4.8	10	M10*1.5P	1	
HSK80A-FMB22-100	HSK80A	158	100	74	26	18	80	22	47	4.8	10	M10*1.5P	1	2.5
HSK80A-FMB27-50	HSK80A	110	50	24	26	20	80	27	60	5.8	12	M12*1.75P	1	
HSK80A-FMB27-100	HSK80A	160	100	74	26	20	80	27	60	5.8	12	M12*1.75P	1	3.2
HSK80A-FMB32-60	HSK80A	122	60	34	26	22	80	32	80	6.3	14	M16*2.0P	2	
HSK80A-FMB32-100	HSK80A	162	100	74	26	22	80	32	80	6.3	14	M16*2.0P	2	
HSK80A-FMB40-60	HSK80A	125	60	34	26	25	80	40	89	8.3	16	M16*2.0P	2	
HSK80A-FMB40-100	HSK80A	165	100	74	26	25	80	40	89	8.3	16	M16*2.0P	2	

特点:

◎平面铣刀配合部位（d1）轴系公差 h6

Features:

◎ d1 tolerance:h6

HSK100A-FMB 平面铣刀柄 HSK100A-FMB FACE MILL ARBOR







M02

FIG. 1

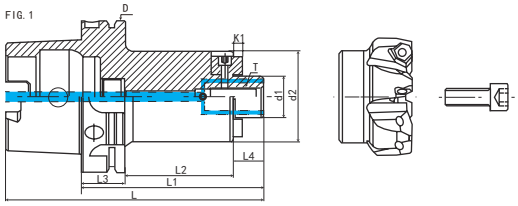
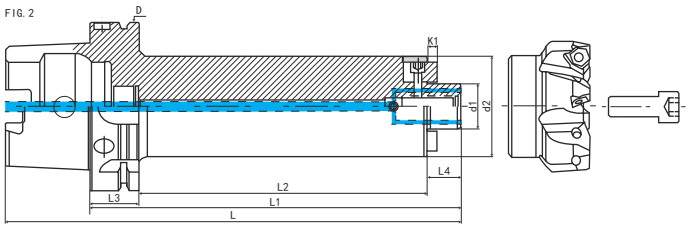


FIG. 2



规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	d1	d2	K1	K2	T	FIG	重量 KGS
HSK100A-FMB16-50-D37	HSK100A	117	50	21	29	17	100	16	37	3.2	8	M8*1.25P	1	2.5
HSK100A-FMB16-100-D37	HSK100A	167	100	71	29	17	100	16	37	3.2	8	M8*1.25P	1	2.9
HSK100A-FMB16-150-D37	HSK100A	217	150	121	29	17	100	16	37	3.2	8	M8*1.25P	1	3.5
HSK100A-FMB16-200-D37	HSK100A	267	200	171	29	17	100	16	37	3.2	8	M8*1.25P	1	3.9
HSK100A-FMB22-50-D47	HSK100A	118	50	21	29	18	100	22	47	4.8	10	M10*1.5P	1	2.6
HSK100A-FMB22-100-D47	HSK100A	168	100	71	29	18	100	22	47	4.8	10	M10*1.5P	1	3.3
HSK100A-FMB22-150-D47	HSK100A	218	150	121	29	18	100	22	47	4.8	10	M10*1.5P	1	4
HSK100A-FMB22-200-D47	HSK100A	268	200	171	29	18	100	22	47	4.8	10	M10*1.5P	1	5
HSK100A-FMB22-250-D47	HSK100A	318	250	221	29	18	100	22	47	4.8	10	M10*1.5P	1	5.4
HSK100A-FMB22-300-D47	HSK100A	368	300	271	29	18	100	22	47	4.8	10	M10*1.5P	1	5.9
HSK100A-FMB22-350-D47	HSK100A	418	350	321	29	18	100	22	47	4.8	10	M10*1.5P	1	
HSK100A-FMB22-400-D47	HSK100A	468	400	371	29	18	100	22	47	4.8	10	M10*1.5P	1	
HSK100A-FMB22-450-D47	HSK100A	518	450	421	29	18	100	22	47	4.8	10	M10*1.5P	1	
HSK100A-FMB22-500-D47	HSK100A	568	500	471	29	18	100	22	47	4.8	10	M10*1.5P	1	
HSK100A-FMB22-50-D60	HSK100A	118	50	21	29	18	100	22	60	4.8	10	M10*1.5P	1	2.8
HSK100A-FMB22-100-D60	HSK100A	168	100	71	29	18	100	22	60	4.8	10	M10*1.5P	1	4
HSK100A-FMB22-150-D60	HSK100A	218	150	121	29	18	100	22	60	4.8	10	M10*1.5P	1	5
HSK100A-FMB22-200-D60	HSK100A	268	200	171	29	18	100	22	60	4.8	10	M10*1.5P	1	6
HSK100A-FMB22-250-D60	HSK100A	318	250	221	29	18	100	22	60	4.8	10	M10*1.5P	1	7
HSK100A-FMB22-300-D60	HSK100A	368	300	271	29	18	100	22	60	4.8	10	M10*1.5P	1	8.1
HSK100A-FMB22-350-D60	HSK100A	418	350	321	29	18	100	22	60	4.8	10	M10*1.5P	1	9
HSK100A-FMB22-400-D60	HSK100A	468	400	371	29	18	100	22	60	4.8	10	M10*1.5P	1	11
HSK100A-FMB22-450-D60	HSK100A	518	450	421	29	18	100	22	60	4.8	10	M10*1.5P	1	
HSK100A-FMB22-500-D60	HSK100A	568	500	471	29	18	100	22	60	4.8	10	M10*1.5P	1	
HSK100A-FMB27-50-D60	HSK100A	120	50	21	29	20	100	27	60	5.8	12	M12*1.75P	1	2.8
HSK100A-FMB27-100-D60	HSK100A	170	100	71	29	20	100	27	60	5.8	12	M12*1.75P	1	4
HSK100A-FMB27-150-D60	HSK100A	220	150	121	29	20	100	27	60	5.8	12	M12*1.75P	1	5
HSK100A-FMB27-200-D60	HSK100A	270	200	171	29	20	100	27	60	5.8	12	M12*1.75P	1	6.3
HSK100A-FMB27-250-D60	HSK100A	320	250	221	29	20	100	27	60	5.8	12	M12*1.75P	1	7.2
HSK100A-FMB27-300-D60	HSK100A	370	300	271	29	20	100	27	60	5.8	12	M12*1.75P	1	8.4
HSK100A-FMB27-350-D60	HSK100A	420	350	321	29	20	100	27	60	5.8	12	M12*1.75P	1	9.7

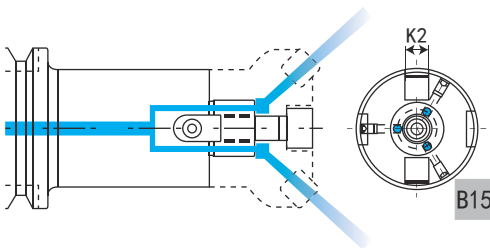
特点:

◎平面铣刀配合部位（d1）轴系公差 h6

Features:

◎ d1 tolerance:h6

通过内冷，冷却液・空气直达刀尖



HSK100A-FMB 平面铣刀柄 HSK100A-FMB FACE MILL ARBOR







M02

FIG. 1

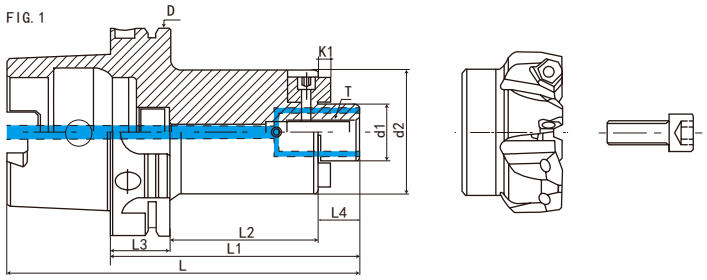
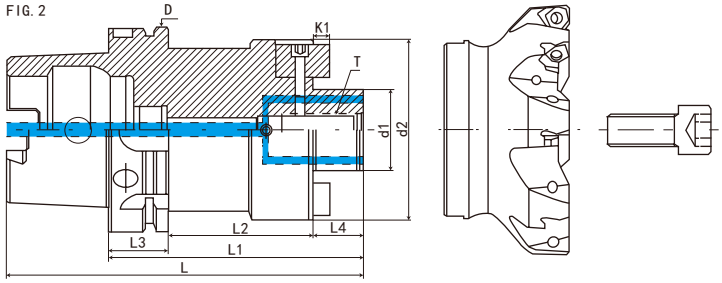


FIG. 2



规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	d1	d2	K1	K2	T	FIG	重量 KGS
HSK100A-FMB27-400-D60	HSK100A	470	400	371	29	20	100	27	60	5.8	12	M12*1.75P	1	
HSK100A-FMB27-450-D60	HSK100A	520	450	421	29	20	100	27	60	5.8	12	M12*1.75P	1	
HSK100A-FMB27-500-D60	HSK100A	570	500	471	29	20	100	27	60	5.8	12	M12*1.75P	1	
HSK100A-FMB27-50-D76	HSK100A	122	50	21	29	20	100	27	76	5.8	12	M12*1.75P	1	
HSK100A-FMB27-100-D76	HSK100A	172	100	71	29	20	100	27	76	5.8	12	M12*1 .75P	1	
HSK100A-FMB27-150-D76	HSK100A	222	150	121	29	20	100	27	76	5.8	12	M12*1.75P	1	
HSK100A-FMB27-200-D76	HSK100A	272	200	171	29	20	100	27	76	5.8	12	M12*1.75P	1	8
HSK100A-FMB32-50-D80	HSK100A	122	50	21	29	22	100	32	80	6.8	14	M16*2.0P	1	3.4
HSK100A-FMB32-100-D80	HSK100A	172	100	71	29	22	100	32	80	6.8	14	M16*2.0P	1	5.3
HSK100A-FMB32-150-D80	HSK100A	222	150	121	29	22	100	32	80	6.8	14	M16*2.0P	1	
HSK100A-FMB32-200-D80	HSK100A	272	200	171	29	22	100	32	80	6.8	14	M16*2.0P	1	9.3
HSK100A-FMB32-250-D80	HSK100A	322	250	221	29	22	100	32	80	6.8	14	M16*2.0P	1	11.2
HSK100A-FMB32-300-D80	HSK100A	372	300	271	29	22	100	32	80	6.8	14	M16*2.0P	1	13.3
HSK100A-FMB32-50-D96	HSK100A	122	50	21	29	22	100	32	96	6.8	14	M16*2.0P	2	
HSK100A-FMB32-100-D96	HSK100A	172	100	71	29	22	100	32	96	6.8	14	M16*2.0P	2	
HSK100A-FMB32-150-D96	HSK100A	222	150	121	29	22	100	32	96	6.8	14	M16*2.0P	2	
HSK100A-FMB32-200-D96	HSK100A	272	200	171	29	22	100	32	96	6.8	14	M16*2.0P	2	
HSK100A-FMB40-60-D88	HSK100A	135	60	31	29	25	100	40	88	8.3	16	M16*2.0P	1	4.1
HSK100A-FMB40-100-D88	HSK100A	175	100	71	29	25	100	40	88	8.3	16	M16*2.0P	1	5.7
HSK100A-FMB40-150-D88	HSK100A	225	150	121	29	25	100	40	88	8.3	16	M16*2.0P	1	7.7
HSK100A-FMB40-200-D88	HSK100A	275	200	171	29	25	100	40	88	8.3	16	M16*2.0P	1	9.7
HSK100A-FMB40-250-D88	HSK100A	325	250	221	29	25	100	40	88	8.3	16	M16*2.0P	1	11.6
HSK100A-FMB40-300-D88	HSK100A	375	300	271	29	25	100	40	88	8.3	16	M16*2.0P	1	13.7
HSK100A-FMB40-60-D100	HSK100A	135	60	31	29	25	100	40	100	8.3	16	M16*2.0P	2	
HSK100A-FMB40-100-D100	HSK100A	175	100	71	29	25	100	40	100	8.3	16	M16*2.0P	2	
HSK100A-FMB40-150-D100	HSK100A	225	150	121	29	25	100	40	100	8.3	16	M16*2.0P	2	

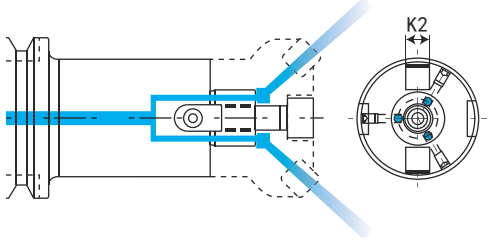
特点:

◎平面铣刀配合部位（d1）轴系公差 h6

Features:

◎ d1 tolerance:h6

通过内冷，冷却液・空气直达刀尖



HSK100A-FMA/FMB 平面铣刀柄 HSK100A-FMA/FMB FACE MILL ARBOR





FIG. 1

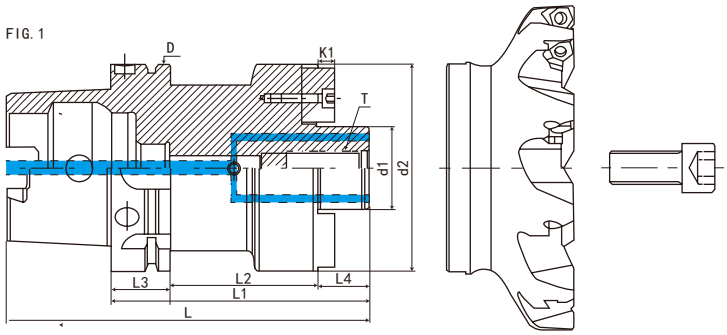
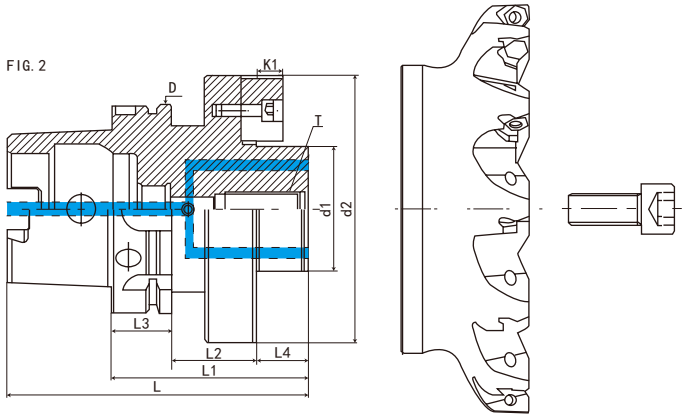


FIG. 2





M02

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	d1	d2	K1	K2	FIG	重量 KGS
HSK100A-FMB40F-60	HSK100A	135	60	31	29	25	100	40	100	8.3	16	1	
HSK100A-FMB40F-100	HSK100A	175	100	71	29	25	100	40	100	8.3	16	1	
HSK100A-FMB40F-150	HSK100A	225	150	121	29	25	100	40	100	8.3	16	1	8.1
HSK100A-FMB40F-200	HSK100A	275	200	171	29	25	100	40	100	8.3	16	1	
HSK100A-FMB60-70	HSK100A	145	70	41	29	25	100	60	128	12.5	25.4	2	
HSK100A-FMB60-100	HSK100A	175	100	71	29	25	100	60	128	12.5	25.4	2	
HSK100A-FMA47.625-70	HSK100A	152	70	41	29	32	100	47.625	128	12.5	25.4	2	
HSK100A-FMA47.625-100	HSK100A	182	100	71	29	32	100	47.625	128	12.5	25.4	2	

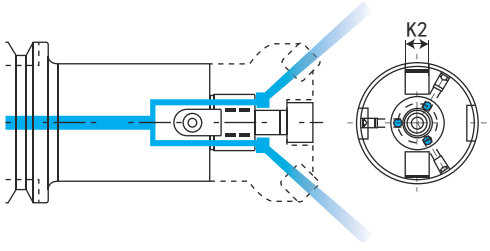
特点:

◎平面铣刀配合部位（d1）轴系公差 h6

Features:

◎ d1 tolerance:h6

通过内冷，冷却液・空气直达刀尖



HSK50A-FMA 平面铣刀柄 HSK50A-FMA FACE MILL ARBOR



FIG. 1

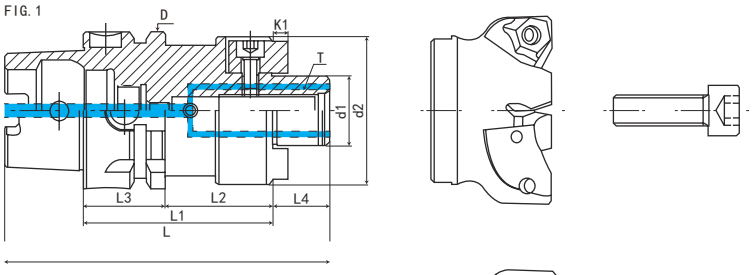
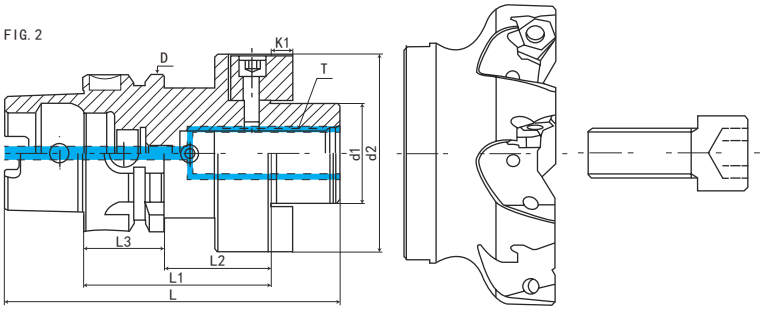




FIG. 2





M02

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	d1	d2	K1	K2	T	重量 KGS
HSK50A-FMA25.4-60	HSK50A	105	60	34	26	20	50	25.4	50	4.52	9.52	M12*1.75P	
HSK50A-FMA31.75-60	HSK50A	107	60	34	26	22	50	31.75	60	6.7	12.7	M16*2.0P	
HSK50A-FMA38.1-60	HSK50A	110	60	34	26	25	50	38.1	73	8.87	15.87	M16*2.0P	

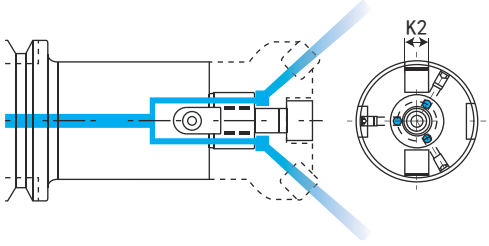
特点:

◎平面铣刀配合部位（d1）轴系公差 h6

Features:

◎ d1 tolerance:h6

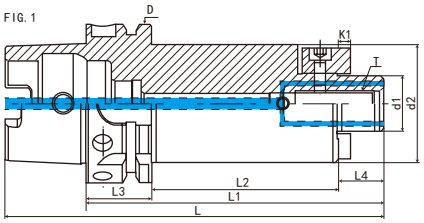
通过内冷，冷却液・空气直达刀尖



HSK63A-FMA 平面铣刀柄 HSK63A-FMA FACE MILL ARBOR



FIG. 1



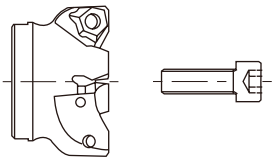
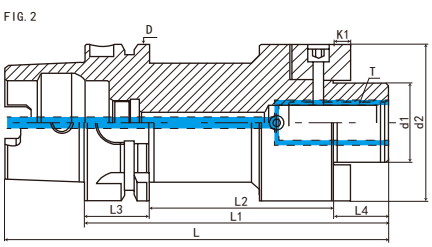
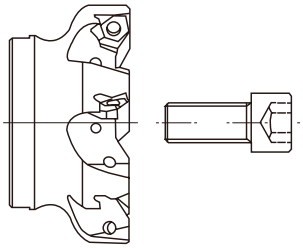




FIG. 2







M02

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	d1	d2	K1	K2	T	FIG	重量 KGS
HSK63A-FMA25.4-60-D50	HSK63A	112	60	34	26	20	63	25.4	50	4.52	9.52	M12*1.75P	1	1.5
HSK63A-FMA25.4-100-D50	HSK63A	152	100	74	26	20	63	25.4	50	4.52	9.52	M12*1.75P	1	2.1
HSK63A-FMA25.4-150-D50	HSK63A	202	150	124	26	20	63	25.4	50	4.52	9.52	M12*1.75P	1	2.9
HSK63A-FMA25.4-200-D50	HSK63A	252	200	174	26	20	63	25.4	50	4.52	9.52	M12*1.75P	1	
HSK63A-FMA31.75-60-D60	HSK63A	114	60	34	26	22	63	31.75	60	6.7	12.7	M16*2.0P	2	
HSK63A-FMA31.75-100-D60	HSK63A	154	100	74	26	22	63	31.75	60	6.7	12.7	M16*2.0P	2	
HSK63A-FMA31.75-150-D60	HSK63A	204	150	124	26	22	63	31.75	60	6.7	12.7	M16*2.0P	2	
HSK63A-FMA31.75-200-D60	HSK63A	254	200	174	26	22	63	31.75	60	6.7	12.7	M16*2.0P	2	
HSK63A-FMA38.1-60-D73	HSK63A	117	60	34	26	25	63	38.1	73	8.87	15.87	M16*2.0P	2	
HSK63A-FMA38.1-100-D73	HSK63A	157	100	74	26	25	63	38.1	73	8.87	15.87	M16*2.0P	2	2.7
HSK63A-FMA38.1-150-D73	HSK63A	207	150	124	26	25	63	38.1	73	8.87	15.87	M16*2.0P	2	
HSK63A-FMA38.1-200-D73	HSK63A	257	200	174	26	25	63	38.1	73	8.87	15.87	M16*2.0P	2	

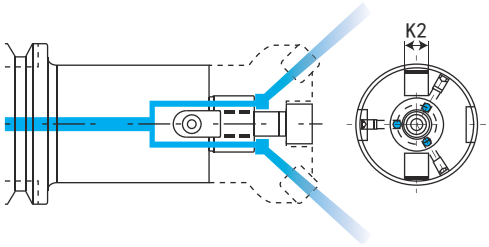
特点:

◎平面铣刀配合部位（d1）轴系公差 h6

Features:

◎ d1 tolerance:h6

通过内冷，冷却液・空气直达刀尖



HSK80A-FMA 平面铣刀柄 HSK80A-FMA FACE MILL ARBOR







M02

FIG. 1

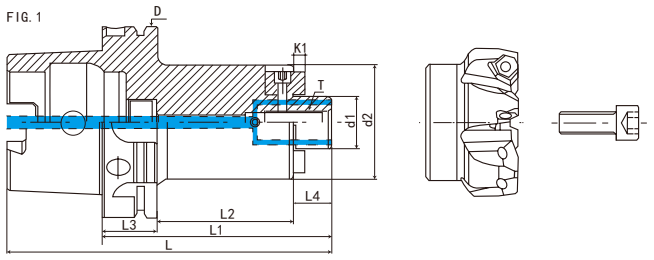
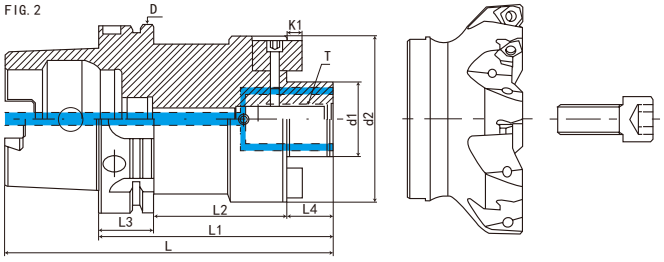


FIG. 2



规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	d1	d2	K1	K2	T	FIG	重量 KGS
HSK80A-FMA25.4-50	HSK80A	110	50	24	26	20	80	25.4	50	4.52	9.52	M12*1.75P	1	
HSK80A-FMA25.4-100	HSK80A	160	100	74	26	20	80	25.4	50	4.52	9.52	M12*1.75P	1	
HSK80A-FMA21.75-60	HSK80A	122	60	34	26	20	80	31.75	60	6.7	12.7	M16*2.0P	1	
HSK80A-FMA31.75-100	HSK80A	162	100	74	26	22	80	31.75	60	6.7	12.7	M16*2.0P	1	
HSK80A-FMA38.1-60	HSK80A	125	60	34	26	25	80	38.1	75	8.87	15.87	M16*2.0P	2	
HSK80A-FMA38.1-100	HSK80A	165	100	74	26	25	80	38.1	75	8.87	15.87	M16*2.0P	2	

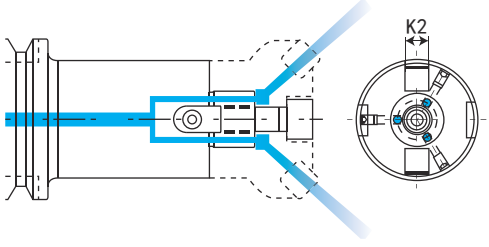
特点:

◎平面铣刀配合部位（d1）轴系公差 h6

Features:

◎ d1 tolerance:h6

通过内冷，冷却液・空气直达刀尖



HSK100A-FMA 平面铣刀柄 HSK100A-FMA FACE MILL ARBOR



FIG. 1

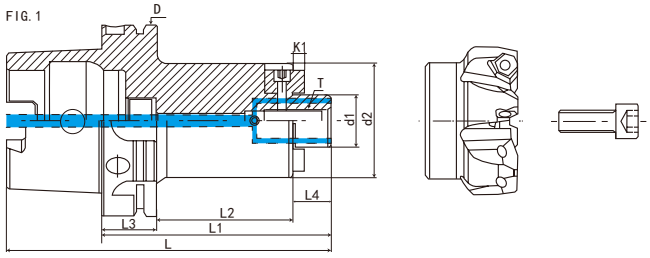
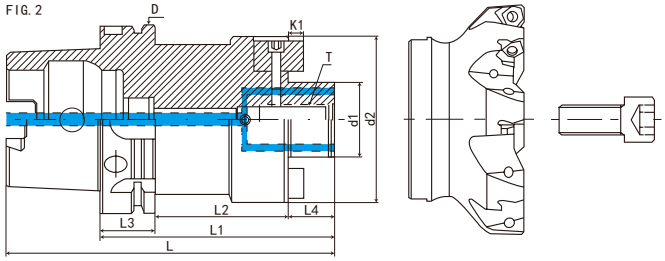




FIG. 2





M02

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	d1	d2	K1	K2	T	FIG	重量 KGS
HSK100A-FMA25.4-50-D50	HSK100A	120	50	21	29	20	100	25.4	50	4.52	9.52	M12*1.75P	1	2.6
HSK100A-FMA25.4-100-D50	HSK100A	170	100	71	29	20	100	25.4	50	4.52	9.52	M12*1.75P	1	3.5
HSK100A-FMA25.4-150-D50	HSK100A	220	150	121	29	20	100	25.4	50	4.52	9.52	M12*1.75P	1	4.3
HSK100A-FMA25.4-200-D50	HSK100A	270	200	171	29	20	100	25.4	50	4.52	9.52	M12*1.75P	1	5
HSK100A-FMA25.4-250-D50	HSK100A	320	250	221	29	20	100	25.4	50	4.52	9.52	M12*1.75P	1	
HSK100A-FMA25.4-300-D50	HSK100A	370	300	271	29	20	100	25.4	50	4.52	9.52	M12*1.75P	1	
HSK100A-FMA31.75-50-D60	HSK100A	122	50	21	29	22	100	31.75	60	6.7	12.7	M16*2.0P	1	3.1
HSK100A-FMA31.75-100-D60	HSK100A	172	100	71	29	22	100	31.75	60	6.7	12.7	M16*2.0P	1	4
HSK100A-FMA31.75-150-D60	HSK100A	222	150	121	29	22	100	31.75	60	6.7	12.7	M16*2.0P	1	5.4
HSK100A-FMA31.75-200-D60	HSK100A	272	200	171	29	22	100	31.75	60	6.7	12.7	M16*2.0P	1	6.3
HSK100A-FMA31.75-250-D60	HSK100A	322	250	221	29	22	100	31.75	60	6.7	12.7	M16*2.0P	1	
HSK100A-FMA31.75-300-D60	HSK100A	372	300	271	29	22	100	31.75	60	6.7	12.7	M16*2.0P	1	
HSK100A-FMA38.1-60-D75	HSK100A	135	60	31	29	25	100	38.1	75	8.87	15.87	M16*2.0P	1	3.8
HSK100A-FMA38.1-100-D75	HSK100A	175	100	71	29	25	100	38.1	75	8.87	15.87	M16*2.0P	1	5.1
HSK100A-FMA38.1-150-D75	HSK100A	225	150	121	29	25	100	38.1	75	8.87	15.87	M16*2.0P	1	6.9
HSK100A-FMA38.1-200-D75	HSK100A	275	200	171	29	25	100	38.1	75	8.87	15.87	M16*2.0P	1	8.6
HSK100A-FMA38.1-250-D75	HSK100A	325	250	221	29	25	100	38.1	75	8.87	15.87	M16*2.0P	1	
HSK100A-FMA50.8-70-D98	HSK100A	156	70	41	29	36	100	50.8	98	9.75	19.05	M24*3.0P	2	
HSK100A-FMA50.8-100-D98	HSK100A	186	100	71	29	36	100	50.8	98	9.75	19.05	M24*3.0P	2	

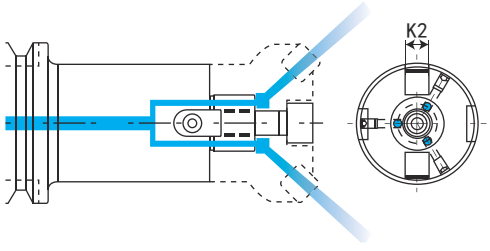
特点:

◎平面铣刀配合部位（d1）轴系公差 h6

Features:

◎ d1 tolerance:h6

通过内冷，冷却液・空气直达刀尖



HSK40A-CK 镗头刀柄 HSK40A-CK BORING HEAD SHANK





FIG. 1

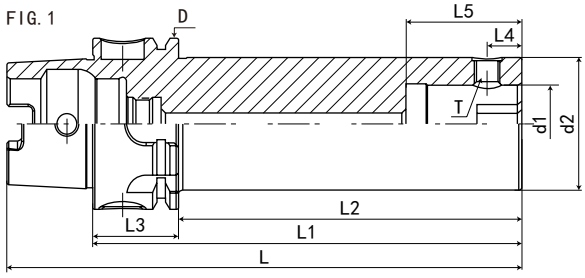
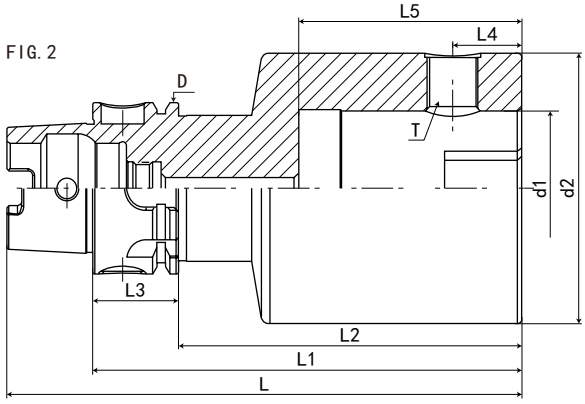


FIG. 2




K39


J30

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	L5	D	d1	d2	T	重量 KGS
HSK40A-CK1-50	HSK40A	70	50	30	20	5.05	30	40	11	19	M4*0.5P	
HSK40A-CK1-100	HSK40A	120	100	80	20	5.05	30	40	11	19	M4*0.5P	
HSK40A-CK2-60	HSK40A	80	60	40	20	6.62	31	40	14	24	M5*0.5P	
HSK40A-CK2-100	HSK40A	120	100	80	20	6.62	31	40	14	24	M5*0.5P	
HSK40A-CK3-60	HSK40A	80	60	40	20	8	35	40	18	31	M6*0.75P	
HSK40A-CK3-100	HSK40A	120	100	80	20	8	35	40	18	31	M6*0.75P	
HSK40A-CK4-70	HSK40A	90	70	50	20	10	39	40	22	39	M8*0.75P	
HSK40A-CK4-100	HSK40A	120	100	80	20	10	39	40	22	39	M8*0.75P	
HSK40A-CK5-80	HSK40A	100	80	60	20	13	45	40	28	50	M10*1.0P	
HSK40A-CK5-100	HSK40A	120	100	80	20	13	45	40	28	50	M10*1.0P	
HSK40A-CK6-80	HSK40A	100	80	60	20	16	55	40	36	63	M12*1.0P	
HSK40A-CK6-100	HSK40A	120	100	80	20	16	55	40	36	63	M12*1.0P	

HSK50A-CK 镗头刀柄 HSK50A-CK BORING HEAD SHANK





FIG. 1

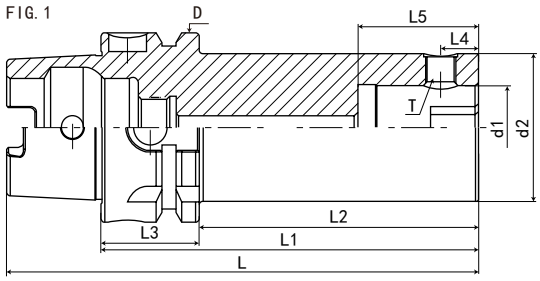
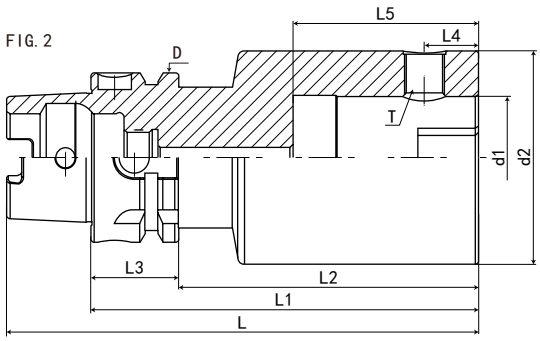


FIG. 2





K39

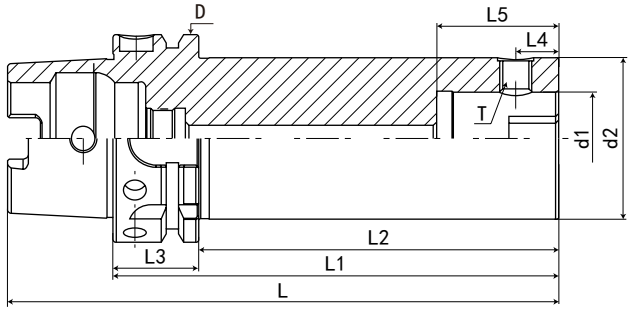


J30

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	L5	D	d1	d2	T	重量 KGS
HSK50A-CK1-60	HSK50A	85	60	34	26	5.05	30	50	11	19	M4*0.5P	
HSK50A-CK1-100	HSK50A	125	100	74	26	5.05	30	50	11	19	M4*0.5P	
HSK50A-CK2-60	HSK50A	85	60	34	26	6.62	31	50	14	24	M5*0.5P	
HSK50A-CK2-100	HSK50A	125	100	74	26	6.62	31	50	14	24	M5*0.5P	
HSK50A-CK3-60	HSK50A	85	60	34	26	8	35	50	18	31	M6*0.75P	
HSK50A-CK3-100	HSK50A	125	100	74	26	8	35	50	18	31	M6*0.75P	
HSK50A-CK4-60	HSK50A	85	60	34	26	10	39	50	22	39	M8*0.75P	
HSK50A-CK4-100	HSK50A	125	100	74	26	10	39	50	22	39	M8*0.75P	
HSK50A-CK5-80	HSK50A	105	80	54	26	13	45	50	28	50	M10*1.0P	
HSK50A-CK5-115	HSK50A	140	115	89	26	13	45	50	28	50	M10*1.0P	
HSK50A-CK6-80	HSK50A	105	80	54	26	16	55	50	36	63	M12*1.0P	
HSK50A-CK6-115	HSK50A	140	115	89	26	16	55	50	36	63	M12*1.0P	

HSK63A-CK 镗头刀柄 HSK63A-CK BORING HEAD SHANK





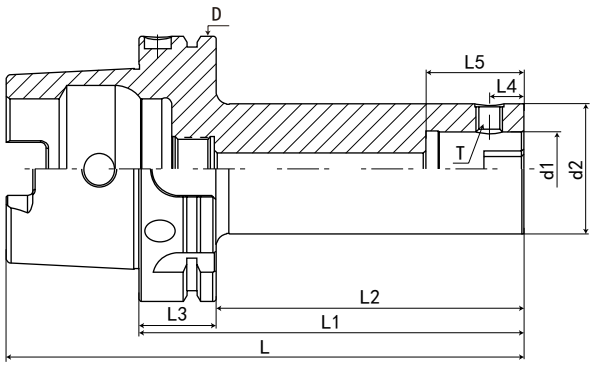

K39


J30

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	L5	D	d1	d2	T	重量 KGS
HSK63A-CK1-75	HSK63A	107	75	49	26	5.05	30	63	11	19	M4*0.5P	0.9
HSK63A-CK1-105	HSK63A	137	105	79	26	5.05	30	63	11	19	M4*0.5P	0.9
HSK63A-CK2-90	HSK63A	122	90	64	26	6.62	31	63	14	24	M5*0.5P	1
HSK63A-CK2-120	HSK63A	152	120	94	26	6.62	31	63	14	24	M5*0.5P	1
HSK63A-CK2-165	HSK63A	197	165	139	26	6.62	31	63	14	24	M5*0.5P	1.3
HSK63A-CK3-100	HSK63A	132	100	74	26	8	35	63	18	31	M6*0.75P	1.1
HSK63A-CK3-135	HSK63A	167	135	109	26	8	35	63	18	31	M6*0.75P	1.3
HSK63A-CK3-165	HSK63A	197	165	139	26	8	35	63	18	31	M6*0.75P	1.6
HSK63A-CK3-205	HSK63A	237	205	179	26	8	35	63	18	31	M6*0.75P	1.8
HSK63A-CK4-90	HSK63A	122	90	64	26	10	39	63	22	39	M8*0.75P	1.3
HSK63A-CK4-130	HSK63A	162	130	104	26	10	39	63	22	39	M8*0.75P	1.6
HSK63A-CK4-170	HSK63A	202	170	144	26	10	39	63	22	39	M8*0.75P	2
HSK63A-CK4-205	HSK63A	237	205	179	26	10	39	63	22	39	M8*0.75P	2.4
HSK63A-CK4-245	HSK63A	277	245	219	26	10	39	63	22	39	M8*0.75P	2.8
HSK63A-CK5-80	HSK63A	112	80	54	26	13	45	63	28	50	M10*1.0P	1.5
HSK63A-CK5-135	HSK63A	167	135	109	26	13	45	63	28	50	M10*1.0P	2.2
HSK63A-CK5-180	HSK63A	212	180	154	26	13	45	63	28	50	M10*1.0P	2.9
HSK63A-CK5-215	HSK63A	247	215	189	26	13	45	63	28	50	M10*1.0P	3.4
HSK63A-CK5-250	HSK63A	282	250	224	26	13	45	63	28	50	M10*1.0P	3.9
HSK63A-CK6-80	HSK63A	112	80	54	26	16	55	63	36	63	M12*1.0P	
HSK63A-CK6-115	HSK63A	147	115	89	26	16	55	63	36	63	M12*1.0P	
HSK63A-CK6-150	HSK63A	182	150	124	26	16	55	63	36	63	M12*1.0P	3.2
HSK63A-CK6-180	HSK63A	212	180	154	26	16	55	63	36	63	M12*1.0P	3.9
HSK63A-CK6-215	HSK63A	247	215	189	26	16	55	63	36	63	M12*1.0P	4.8
HSK63A-CK6-250	HSK63A	282	250	224	26	16	55	63	36	63	M12*1.0P	5.7
HSK63A-CK6-300	HSK63A	332	300	274	26	16	55	63	36	63	M12*1.0P	6.7

HSK80A-CK 镗头刀柄 HSK80A-CK BORING HEAD SHANK





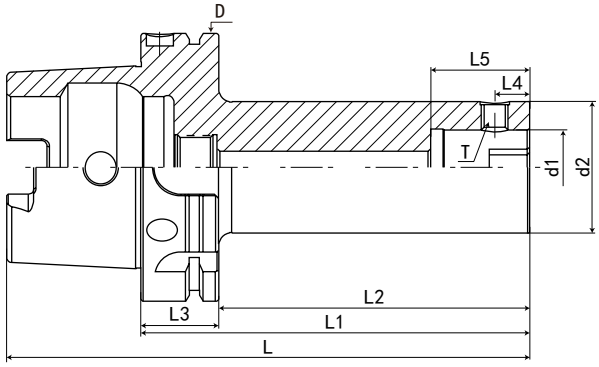

K39


J30

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	L5	D	d1	d2	T	重量 KGS
HSK80A-CK1-100	HSK80A	140	100	74	26	5.05	30	80	11	19	M4*0.5P	
HSK80A-CK1-145	HSK80A	185	145	119	26	5.05	30	80	11	19	M4*0.5P	
HSK80A-CK2-80	HSK80A	120	80	54	26	6.62	31	80	14	24	M5*0.5P	
HSK80A-CK2-115	HSK80A	155	115	89	26	6.62	31	80	14	24	M5*0.5P	
HSK80A-CK3-90	HSK80A	130	90	64	26	8	35	80	18	31	M6*0.75P	
HSK80A-CK3-125	HSK80A	165	125	99	26	8	35	80	18	31	M6*0.75P	
HSK80A-CK4-110	HSK80A	150	110	84	26	10	39	80	22	39	M8*0.75P	
HSK80A-CK4-145	HSK80A	185	145	119	26	10	39	80	22	39	M8*0.75P	
HSK80A-CK5-110	HSK80A	150	110	84	26	13	45	80	28	50	M10*1.0P	
HSK80A-CK5-145	HSK80A	185	145	119	26	13	45	80	28	50	M10*1.0P	
HSK80A-CK6-110	HSK80A	150	110	84	26	16	55	80	36	63	M12*1.0P	
HSK80A-CK6-145	HSK80A	185	145	119	26	16	55	80	36	63	M12*1.0P	

HSK100A-CK 镗头刀柄 HSK100A-CK BORING HEAD SHANK






K39


J30

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	L5	D	d1	d2	T	重量 KGS
HSK100A-CK1-100	HSK100A	150	100	71	29	5.05	30	100	11	19	M4*0.5P	2.3
HSK100A-CK1-145	HSK100A	195	145	116	29	5.05	30	100	11	19	M4*0.5P	2.6
HSK100A-CK2-80	HSK100A	130	80	51	29	6.62	31	100	14	24	M5*0.5P	2.5
HSK100A-CK2-115	HSK100A	165	115	86	29	6.62	31	100	14	24	M5*0.5P	2.6
HSK100A-CK2-165	HSK100A	215	165	136	29	6.62	31	100	14	24	M5*0.5P	2.9
HSK100A-CK2-205	HSK100A	255	205	196	29	6.62	31	100	14	24	M5*0.5P	3
HSK100A-CK3-90	HSK100A	140	90	61	29	8	35	100	18	31	M6*0.75P	2.6
HSK100A-CK3-125	HSK100A	175	125	96	29	8	35	100	18	31	M6*0.75P	2.8
HSK100A-CK3-165	HSK100A	215	165	136	29	8	35	100	18	31	M6*0.75P	3.1
HSK100A-CK3-205	HSK100A	255	205	176	29	8	35	100	18	31	M6*0.75P	3.3
HSK100A-CK4-120	HSK100A	170	120	91	29	10	39	100	22	39	M8*0.75P	3
HSK100A-CK4-155	HSK100A	205	155	126	29	10	39	100	22	39	M8*0.75P	
HSK100A-CK4-180	HSK100A	230	180	151	29	10	39	100	22	39	M8*0.75P	3.6
HSK100A-CK4-215	HSK100A	265	215	186	29	10	39	100	22	39	M8*0.75P	3.9
HSK100A-CK4-250	HSK100A	300	250	221	29	10	39	100	22	39	M8*0.75P	4.2
HSK100A-CK4-300	HSK100A	350	300	271	29	10	39	100	22	39	M8*0.75P	4.7
HSK100A-CK5-110	HSK100A	160	110	81	29	13	45	100	28	50	M10*1.0P	3.2
HSK100A-CK5-145	HSK100A	195	145	116	29	13	45	100	28	50	M10*1.0P	3.8
HSK100A-CK5-180	HSK100A	230	180	151	29	13	45	100	28	50	M10*1.0P	4.3
HSK100A-CK5-230	HSK100A	280	230	201	29	13	45	100	28	50	M10*1.0P	5
HSK100A-CK5-270	HSK100A	320	270	241	29	13	45	100	28	50	M10*1.0P	5.5
HSK100A-CK5-300	HSK100A	350	300	271	29	13	45	100	28	50	M10*1.0P	6
HSK100A-CK6-110	HSK100A	160	110	81	29	16	55	100	36	63	M12*1.0P	3.9
HSK100A-CK6-145	HSK100A	195	145	116	29	16	55	100	36	63	M12*1.0P	4.7
HSK100A-CK6-170	HSK100A	220	170	141	29	16	55	100	36	63	M12*1.0P	5.1
HSK100A-CK6-230	HSK100A	280	230	201	29	16	55	100	36	63	M12*1.0P	6.5
HSK100A-CK6-270	HSK100A	320	270	241	29	16	55	100	36	63	M12*1.0P	7.5
HSK100A-CK6-300	HSK100A	350	300	271	29	16	55	100	36	63	M12*1.0P	8.3
HSK100A-CK6-350	HSK100A	400	350	321	29	16	55	100	36	63	M12*1.0P	9.6
HSK100A-CK6-400	HSK100A	450	400	371	29	16	55	100	36	63	M12*1.0P	

HSK63A-BST 镗孔组合刀柄 HSK63A-BST ROUGH BORING TOOL HOLDER



FIG. 1

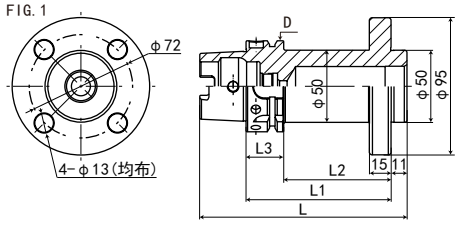
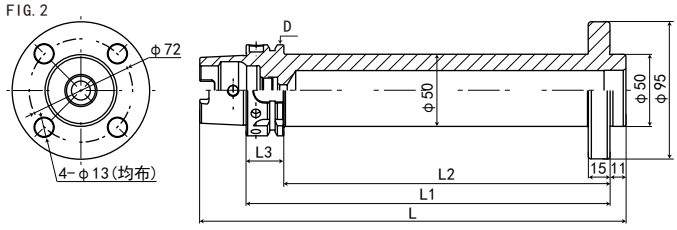




FIG. 2

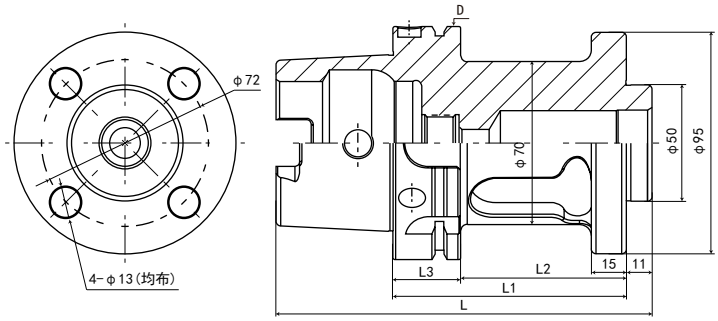


P.375

规 格 Model	柄部 Handle	L	L1	L2	L3	D	FIG	重量 KGS
HSK63A-BST-100	HSK63A	132	100	74	26	63	1	
HSK63A-BST-150	HSK63A	182	150	124	26	63	1	
HSK63A-BST-200	HSK63A	232	200	174	26	63	2	3.4
HSK63A-BST-250	HSK63A	282	250	224	26	63	2	
HSK63A-BST-300	HSK63A	332	300	274	26	63	2	

HSK80A-BST 镗孔组合刀柄 HSK80A-BST ROUGH BORING TOOL HOLDER





P.375

规 格 Model	柄部 Handle	L	L1	L2	L3	D	重量 KGS
HSK80A-BST-100	HSK80A	140	100	74	26	80	
HSK80A-BST-150	HSK80A	190	150	124	26	80	
HSK80A-BST-200	HSK80A	240	200	174	26	80	

HSK100A-BST 镗孔组合刀柄 HSK100A-BST ROUGH BORING TOOL HOLDER





FIG. 1

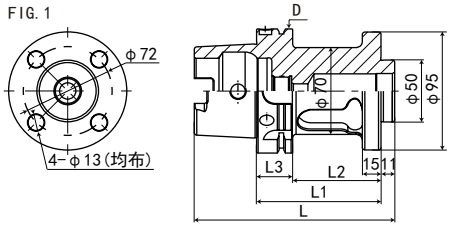
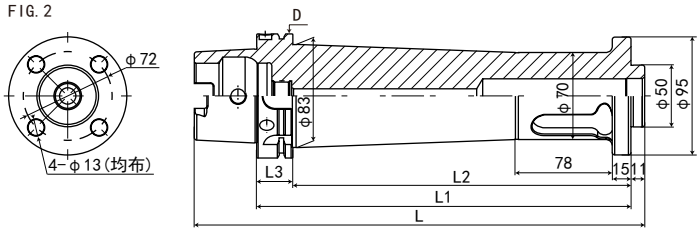


FIG. 2

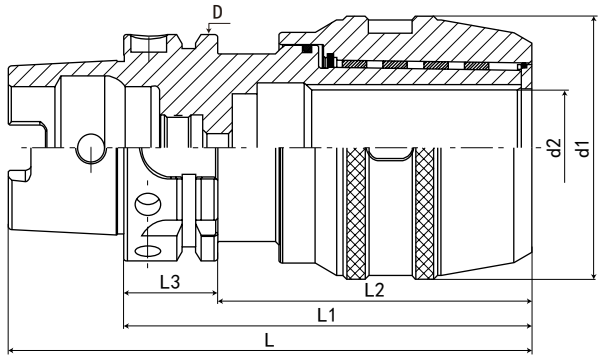


P.375

规 格 Model	柄部 Handle	L	L1	L2	L3	D	FIG	重量 KGS
HSK100A-BST-100	HSK100A	150	100	71	29	100	1	4.2
HSK100A-BST-150	HSK100A	200	150	121	29	100	1	5.4
HSK100A-BST-200	HSK100A	250	200	171	29	100	1	6.9
HSK100A-BST-250	HSK100A	300	250	221	29	100	1	8.4
HSK100A-BST-300	HSK100A	350	300	271	29	100	2	10.8
HSK100A-BST-350	HSK100A	400	350	321	29	100	2	
HSK100A-BST-400	HSK100A	450	400	371	29	100	2	14.6
HSK100A-BST-450	HSK100A	500	450	421	29	100	2	
HSK100A-BST-500	HSK100A	550	500	471	29	100	2	

HSK50A-C 强力型刀柄 HSK50A-C POWER MILLING CHUCK





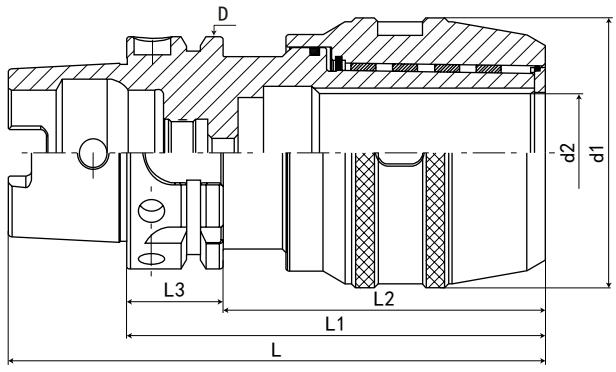

J31


J16

规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	配套筒夹	夹持范围 Range	重量 KGS
HSK50A-C20-120	HSK50A	145	120	94	26	50	58	20	C20	3-20mm	
HSK50A-C25-120	HSK50A	145	120	94	26	50	63	25	C25	3-25mm	

HSK63A-C 强力型刀柄 HSK63A-C POWER MILLING CHUCK






J31


J16

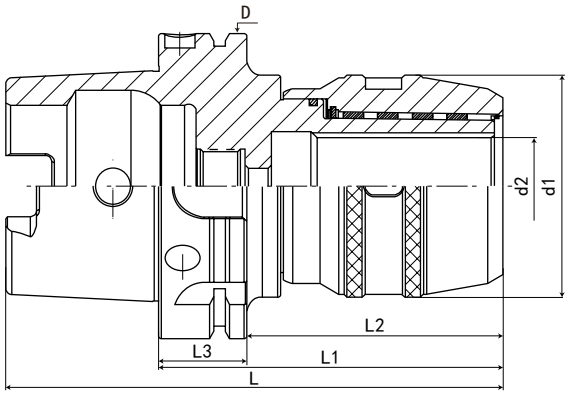
规格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	配套筒夹	夹持范围 Range	重量 KGS
HSK63A-C20-95	HSK63A	127	95	69	26	63	58	20	C20	3-20mm	
HSK63A-C20-110	HSK63A	142	110	84	26	63	58	20	C20	3-20mm	
HSK63A-C25-100	HSK63A	132	100	74	26	63	63	25	C25	3-25mm	
HSK63A-C25-130	HSK63A	162	130	104	26	63	63	25	C25	3-25mm	
HSK63A-C32-110	HSK63A	142	110	108	26	63	73	32	C32	3-32mm	
HSK63A-C32-130	HSK63A	162	130	104	26	63	73	32	C32	3-32mm	
HSK63A-C32-150	HSK63A	182	150	124	26	63	73	32	C32	3-32mm	

注:
◎开槽
此款刀杆内孔分割 6 槽以防止滑动并加大夹持力。
◎滚针轴承
此采用两装置为使当滑动至针锥面时滚动摩擦及脱落减至最小。
◎可套装选购

◎ SLITTING
In that case end mill shank or collet have oil or chips,divide the slitting into six in order to prevent slipping and to grip exactly
◎ NEEDLE BEARING
It adopts two line arrangement in order to minimize rolling friction and to slip during slide by taper side.
◎ BUT THE COVERALL SELECTS AND PURCHASES

HSK80A-C 强力型刀柄 HSK80A-C POWER MILLING CHUCK






J31


J16

规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	配套筒夹	夹持范围 Range	重量 KGS
HSK80A-C20-105	HSK80A	145	105	79	26	80	58	20	C20	3-20mm	
HSK80A-C25-105	HSK80A	145	105	79	26	80	63	25	C25	3-25mm	
HSK80A-C32-120	HSK80A	160	120	94	26	80	73	32	C32	3-32mm	
HSK80A-C42-130	HSK80A	170	130	104	26	80	88	42	C42	3-42mm	

注:
◎开槽
此款刀杆内孔分割 6 槽以防止滑动并加大夹持力。
◎滚针轴承
此采用两装置为使当滑动至针锥面时滚动摩擦及脱落减至最小。
◎可套装选购

◎ SLITTING
In that case end mill shank or collet have oil or chips,divide the slitting into six in order to prevent slipping and to grip exactly
◎ NEEDLE BEARING
It adopts two line arrangement in order to minimize rolling friction and to slip during slide by taper side.
◎ BUT THE COVERALL SELECTS AND PURCHASES

HSK100A-C 强力型刀柄 HSK100A-C POWER MILLING CHUCK



FIG. 1

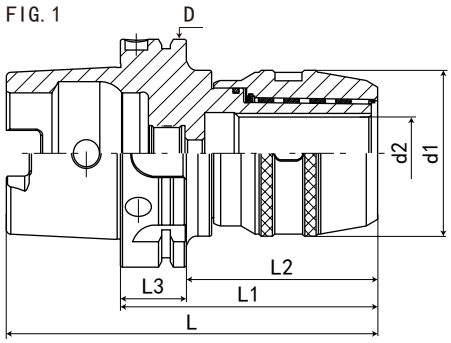
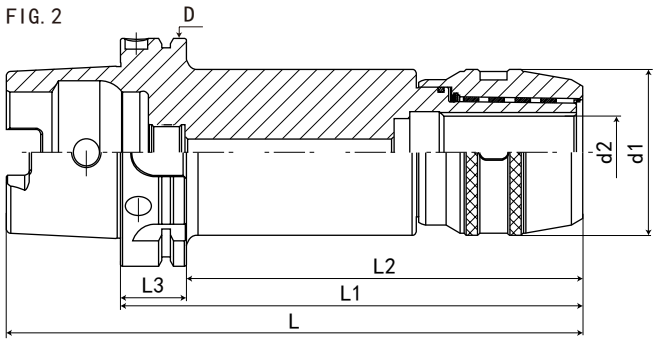




FIG. 2





J31



J16

规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	配套筒夹	夹持范围 Range	重量 KGS
HSK100A-C20-100	HSK100A	150	100	71	29	100	58	20	C20	3-20mm	
HSK100A-C20-110	HSK100A	160	110	81	29	100	58	20	C20	3-20mm	
HSK100A-C20-130	HSK100A	180	130	101	29	100	58	20	C20	3-20mm	
HSK100A-C25-100	HSK100A	150	100	71	29	100	63	25	C25	3-25mm	
HSK100A-C25-110	HSK100A	160	110	81	29	100	63	25	C25	3-25mm	
HSK100A-C25-130	HSK100A	180	130	101	29	100	63	25	C25	3-25mm	
HSK100A-C25-160	HSK100A	210	160	131	29	100	63	25	C25	3-25mm	
HSK100A-C32-100	HSK100A	150	100	71	29	100	73	32	C32	3-32mm	
HSK100A-C32-110	HSK100A	160	110	81	29	100	73	32	C32	3-32mm	
HSK100A-C32-130	HSK100A	180	130	101	29	100	73	32	C32	3-32mm	
HSK100A-C32-160	HSK100A	210	160	131	29	100	73	32	C32	3-32mm	
HSK100A-C32-200	HSK100A	250	200	171	29	100	73	32	C32	3-32mm	
HSK100A-C32-250	HSK100A	300	250	221	29	100	73	32	C32	3-32mm	
HSK100A-C32-300	HSK100A	350	300	271	29	100	73	32	C32	3-32mm	
HSK100A-C42-110	HSK100A	160	110	81	29	100	88	42	C42	3-42mm	
HSK100A-C42-130	HSK100A	180	130	101	29	100	88	42	C42	3-42mm	
HSK100A-C42-160	HSK100A	210	160	131	29	100	88	42	C42	3-42mm	
HSK100A-C42-200	HSK100A	250	200	171	29	100	88	42	C42	3-42mm	
HSK100A-C42-250	HSK100A	300	250	221	29	100	88	42	C42	3-42mm	
HSK100A-C42-300	HSK100A	350	300	271	29	100	88	42	C42	3-42mm	

注:
◎开槽
此款刀杆内孔分割 6 槽以防止滑动并加大夹持力。
◎滚针轴承
此采用两装置为使当滑动至针锥面时滚动摩擦及脱落减至最小。
◎可套装选购

◎ SLITTING
In that case end mill shank or collet have oil or chips,divide the slitting into six in order to prevent slipping and to grip exactly
◎ NEEDLE BEARING
It adopts two line arrangement in order to minimize rolling friction and to slip during slide by taper side.
◎ BUT THE COVERALL SELECTS AND PURCHASES

HSK50A-SLD 小径侧固刀柄 HSK50A-SLD SMALL DIAMETER SIDE LOCK TOOL HOLDER



FIG. 1

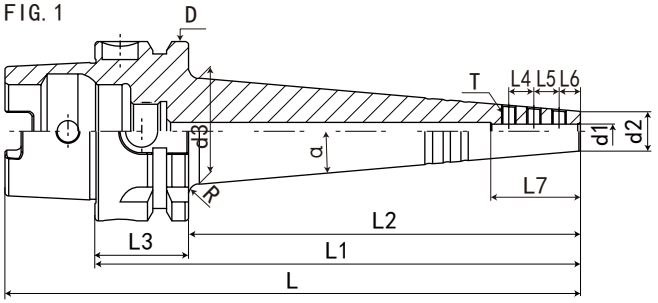
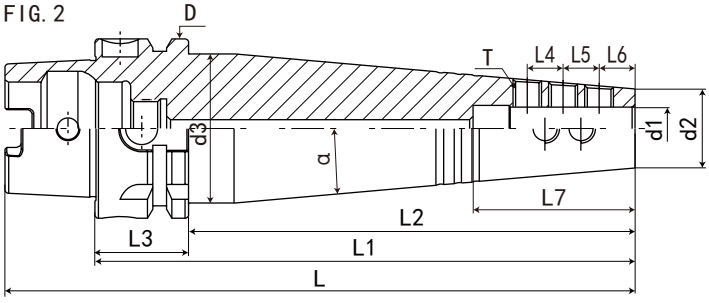


FIG. 2



规 格 Model	柄部 Handle	L	L1	L2	L3	L4	L5	L6	L7	D	d1	d2	d3	T	α	R	FIG	重量 KGS
HSK50A-SLD3-135-A5	HSK50A	160	135	109	26	6	6	6	18	50	3	9	27	M3.5*3*0.35P*T6	5°	5		
HSK50A-SLD4-135-A5	HSK50A	160	135	109	26	7	7	6	20	50	4	11	29	M4*2.8*0.5P*H2	5°	5		
HSK50A-SLD6-135-A5	HSK50A	160	135	109	26	8	8	6	22	50	6	13	31	M5*4*0.5P*H2.5	5°	5		
HSK50A-SLD8-135-A5	HSK50A	160	135	109	26	10	10	7	27	50	8	15	33	M5*4*0.5P*H2.5	5°	5		
HSK50A-SLD10-150-A5	HSK50A	175	150	124	26	10	10	10	35	50	10	17	38	M5*4*0.5P*H2.5	5°	5		
HSK50A-SLD12-150-A5	HSK50A	175	150	124	26	10	10	10	45	50	12	22	43	M6*5*0.75P*H3	5°	5		
HSK50A-SLD16-150-A5	HSK50A	175	150	124	26	12	12	10	50	50	16	26	47	M8*5*0.75P*L4	5°	5		

SLD 侧固式刀柄延长杆专用螺丝：

SLD side fixed extension rod special screw

规 格 Model	使用孔径 D Using aperture
M3.5×3×P0.35×T6	D3
M4×2.8×P0.5×T8	D4
M4×4×P0.5×T8	D4
M5×3.5×P0.5×T10	D6
M5×5×P0.5×T10	D6 D8 D10
M6×4×P0.75×T15	D12
M6×6×P0.75×T15	D12
M8×5×P0.75×L4	D16 D20
M4×2.8×P0.5×H2	D4
M5×4×P0.5×H2.5	D6 D8 D10
M6×4×P0.75×H3	D12
M6×5×P0.75×H3	D12

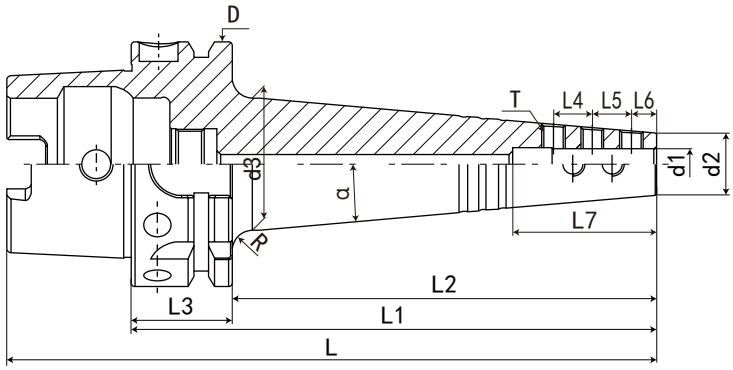
备注：梅花扳手“T”，六角扳手“H”

六角扳手：更大的锁紧力（需注意控制尺寸）

梅花扳手：使用更方便

HSK63A-SLD 小径侧固刀柄 HSK63A-SLD SMALL DIAMETER SIDE LOCK TOOL HOLDER





规 格 Model	柄部 Handle	L	L1	L2	L3	L4	L5	L6	L7	D	d1	d2	d3	T	α	R	重量 KGS
HSK63A-SLD3-135-A5	HSK63A	167	135	109	26	6	6	6	18	63	3	9	27	M3.5*3*0.35P*T6	5°	5	
HSK63A-SLD3-165-A5	HSK63A	197	165	139	26	6	6	6	18	63	3	9	32.5	M3.5*3*0.35P*T6	5°	5	
HSK63A-SLD4-135-A5	HSK63A	167	135	109	26	7	7	6	20	63	4	11	29	M4*2.8*0.5P*H2	5°	5	
HSK63A-SLD4-165-A5	HSK63A	197	165	139	26	7	7	6	20	63	4	11	34.5	M4*2.8*0.5P*H2	5°	5	
HSK63A-SLD6-135-A5	HSK63A	167	135	109	26	8	8	6	22	63	6	13	31	M5*4*0.5P*H2.5	5°	5	
HSK63A-SLD6-165-A5	HSK63A	197	165	139	26	8	8	6	22	63	6	13	36.5	M5*4*0.5P*H2.5	5°	5	
HSK63A-SLD6-200-A5	HSK63A	232	200	174	26	8	8	6	22	63	6	13	42.5	M5*4*0.5P*H2.5	5°	5	
HSK63A-SLD8-135-A5	HSK63A	167	135	109	26	10	10	7	27	63	8	15	33	M5*4*0.5P*H2.5	5°	5	
HSK63A-SLD8-165-A5	HSK63A	197	165	139	26	10	10	7	27	63	8	15	38.5	M5*4*0.5P*H2.5	5°	5	
HSK63A-SLD8-200-A5	HSK63A	232	200	174	26	10	10	7	27	63	8	15	44.5	M5*4*0.5P*H2.5	5°	5	
HSK63A-SLD10-135-A5	HSK63A	167	135	109	26	10	10	10	35	63	10	17	35	M5*4*0.5P*H2.5	5°	5	
HSK63A-SLD10-165-A5	HSK63A	197	165	139	26	10	10	10	35	63	10	17	40.5	M5*4*0.5P*H2.5	5°	5	
HSK63A-SLD10-200-A5	HSK63A	232	200	174	26	10	10	10	35	63	10	17	46.5	M5*4*0.5P*H2.5	5°	5	
HSK63A-SLD12-135-A5	HSK63A	167	135	109	26	10	10	10	45	63	12	22	40	M6*5*0.75P*H3	5°	5	
HSK63A-SLD12-165-A5	HSK63A	197	165	139	26	10	10	10	45	63	12	22	45.5	M6*5*0.75P*H3	5°	5	
HSK63A-SLD12-200-A5	HSK63A	232	200	174	26	10	10	10	45	63	12	22	51.5	M6*5*0.75P*H3	5°	5	
HSK63A-SLD16-135-A5	HSK63A	167	135	109	26	12	12	10	50	63	16	26	44	M8*5*0.75P*L4	5°	5	
HSK63A-SLD16-165-A5	HSK63A	197	165	139	26	12	12	10	50	63	16	26	49.5	M8*5*0.75P*L4	5°	5	
HSK63A-SLD16-200-A5	HSK63A	232	200	174	26	12	12	10	50	63	16	26	55.5	M8*5*0.75P*L4	5°	5	

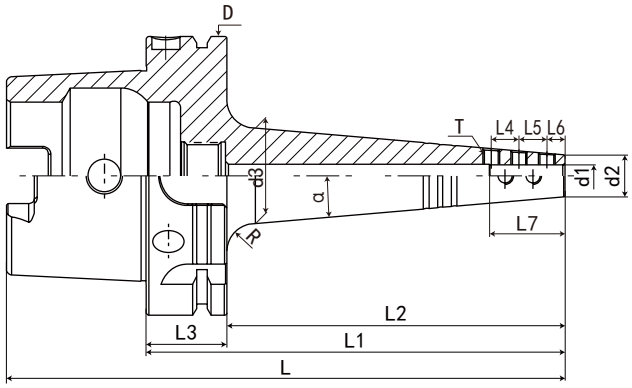
SLD 侧固式刀柄延长杆专用螺丝：

SLD side fixed extension rod special screw

规 格 Model	使用孔径 D Using aperture
M3.5×3×P0.35×T6	D3
M4×2.8×P0.5×T8	D4
M4×4×P0.5×T8	D4
M5×3.5×P0.5×T10	D6
M5×5×P0.5×T10	D6 D8 D10
M6×4×P0.75×T15	D12
M6×6×P0.75×T15	D12
M8×5×P0.75×L4	D16 D20
M4×2.8×P0.5×H2	D4
M5×4×P0.5×H2.5	D6 D8 D10
M6×4×P0.75×H3	D12
M6×5×P0.75×H3	D12

HSK100A-SLD 小径侧固刀柄 HSK100A-SLD SMALL DIAMETER SIDE LOCK TOOL HOLDER





规 格 Model	柄部 Handle	L	L1	L2	L3	L4	L5	L6	L7	D	d1	d2	d3	T	α	R	重量 KGS
HSK100A - SLD4-150-A5	HSK100A	200	150	121	29	7	7	6	20	100	4	12	31.5	M4*2.8*0.5P*H2	5°	10	
HSK100A - SLD4-200-A5	HSK100A	250	200	171	29	7	7	6	20	100	4	12	40	M4*2.8*0.5P*H2	5°	10	
HSK100A - SLD4-250-A5	HSK100A	300	250	221	29	7	7	6	20	100	4	12	49	M4*2.8*0.5P*H2	5°	10	
HSK100A - SLD4-300-A5	HSK100A	350	300	271	29	7	7	6	20	100	4	12	57.5	M4*2.8*0.5P*H2	5°	10	
HSK100A - SLD5-150-A5	HSK100A	200	150	121	29	7	7	6	20	100	5	13	32.5	M4*2.8*0.5P*H2	5°	10	
HSK100A - SLD5 -200-A5	HSK100A	250	200	171	29	7	7	6	20	100	5	13	41	M4*2.8*0.5P*H2	5°	10	
HSK100A - SLD5 -250-A5	HSK100A	300	250	221	29	7	7	6	20	100	5	13	50	M4*2.8*0.5P*H2	5°	10	
HSK100A - SLD5 -300-A5	HSK100A	350	300	271	29	7	7	6	20	100	5	13	58.5	M4*2.8*0.5P*H2	5°	10	
HSK100A - SLD6-150-A5	HSK100A	200	150	121	29	8	8	6	22	100	6	14	33.5	M5*4*0.5P*H2.5	5°	10	
HSK100A - SLD6 -200-A5	HSK100A	250	200	171	29	8	8	6	22	100	6	14	42	M5*4*0.5P*H2.5	5°	10	
HSK100A - SLD6 -250-A5	HSK100A	300	250	221	29	8	8	6	22	100	6	14	51	M5*4*0.5P*H2.5	5°	10	
HSK100A - SLD6 -300-A5	HSK100A	350	300	271	29	8	8	6	22	100	6	14	59.5	M5*4*0.5P*H2.5	5°	10	
HSK100A - SLD8-150-A5	HSK100A	200	150	121	29	10	10	7	27	100	8	16	35.5	M5*4*0.5P*H2.5	5°	10	
HSK100A - SLD8 -200-A5	HSK100A	250	200	171	29	10	10	7	27	100	8	16	44	M5*4*0.5P*H2.5	5°	10	
HSK100A - SLD8 -250-A5	HSK100A	300	250	221	29	10	10	7	27	100	8	16	53	M5*4*0.5P*H2.5	5°	10	
HSK100A - SLD8 -300-A5	HSK100A	350	300	271	29	10	10	7	27	100	8	16	61.5	M5*4*0.5P*H2.5	5°	10	
HSK100A -SLD10-150-A5	HSK100A	200	150	121	29	10	10	10	35	100	10	18	37.5	M5*4*0.5P*H2.5	5°	10	
HSK100A - SLD8 -200-A5	HSK100A	250	200	171	29	10	10	10	35	100	10	18	46	M5*4*0.5P*H2.5	5°	10	
HSK100A - SLD8 -250-A5	HSK100A	300	250	221	29	10	10	10	35	100	10	18	55	M5*4*0.5P*H2.5	5°	10	
HSK100A - SLD8 -300-A5	HSK100A	350	300	271	29	10	10	10	35	100	10	18	63.5	M5*4*0.5P*H2.5	5°	10	
HSK100A -SLD12-150-A5	HSK100A	200	150	121	29	10	10	10	45	100	12	22	41.5	M6*5*0.75P*H3	5°	10	
HSK100A - SLD8 -200-A5	HSK100A	250	200	171	29	10	10	10	45	100	12	22	50	M6*5*0.75P*H3	5°	10	
HSK100A - SLD8 -250-A5	HSK100A	300	250	221	29	10	10	10	45	100	12	22	59	M6*5*0.75P*H3	5°	10	
HSK100A - SLD8 -300-A5	HSK100A	350	300	271	29	10	10	10	45	100	12	22	67.5	M6*5*0.75P*H3	5°	10	
HSK100A -SLD16-150-A5	HSK100A	200	150	121	29	12	12	10	50	100	16	26	45.5	M8*5*0.75P*L4	5°	10	
HSK100A - SLD8 -200-A5	HSK100A	250	200	171	29	12	12	10	50	100	16	26	54	M8*5*0.75P*L4	5°	10	
HSK100A - SLD8 -250-A5	HSK100A	300	250	221	29	12	12	10	50	100	16	26	63	M8*5*0.75P*L4	5°	10	
HSK100A - SLD8 -300-A5	HSK100A	350	300	271	29	12	12	10	50	100	16	26	71.5	M8*5*0.75P*L4	5°	10	
HSK100A -SLD20-150-A5	HSK100A	200	150	121	29	12	12	10	55	100	20	30	49.5	M8*5*0.75P*L4	5°	10	
HSK100A - SLD8 -200-A5	HSK100A	250	200	171	29	12	12	10	55	100	20	30	58	M8*5*0.75P*L4	5°	10	
HSK100A - SLD8 -250-A5	HSK100A	300	250	221	29	12	12	10	55	100	20	30	67	M8*5*0.75P*L4	5°	10	
HSK100A - SLD8 -300-A5	HSK100A	350	300	271	29	12	12	10	55	100	20	30	75.5	M8*5*0.75P*L4	5°	10	

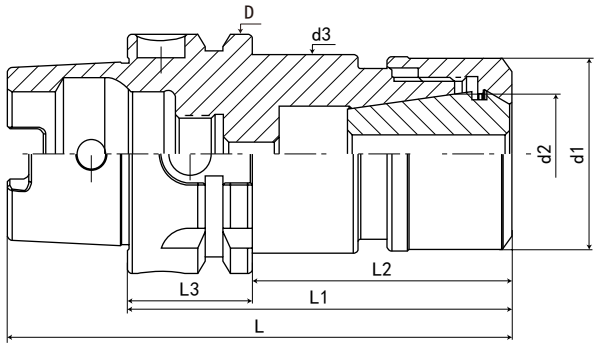
SLD 侧固式刀柄延长杆专用螺丝：

SLD side fixed extension rod special screw

规 格 Model	使用孔径 D Using aperture
M3.5×3×P0.35×T6	D3
M4×2.8×P0.5×T8	D4
M4×4×P0.5×T8	D4
M5×3.5×P0.5×T10	D6
M5×5×P0.5×T10	D6 D8 D10
M6×4×P0.75×T15	D12
M6×6×P0.75×T15	D12
M8×5×P0.75×L4	D16 D20
M4×2.8×P0.5×H2	D4
M5×4×P0.5×H2.5	D6 D8 D10
M6×4×P0.75×H3	D12
M6×5×P0.75×H3	D12

HSK32A-GER 筒夹刀柄 HSK32A-GER COLLET CHUCK

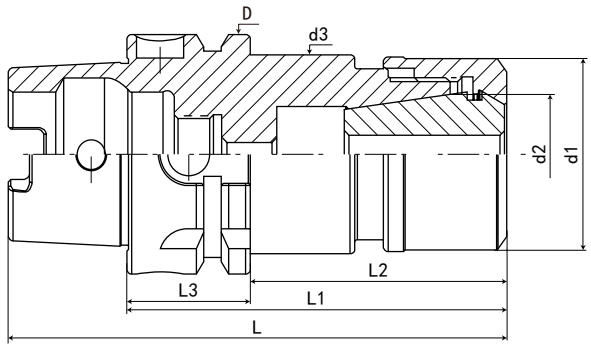




规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	d3	T	重量 KGS
HSK32A-GER11-45	HSK32A	60	45	25	20	32	19.5	11	19	M8*1.0P	
HSK32A-GER11-60	HSK32A	76	60	40	20	32	19.5	11	19	M8*1.0P	
HSK32A-GER16-80	HSK32A	96	80	60	20	32	27.1	16	28	M10*1.0P	
HSK32A-GER20-80	HSK32A	96	80	60	20	32	33	16	34	M13*1.0P	

HSK40A-GER 筒夹刀柄 HSK40A-GER COLLET CHUCK

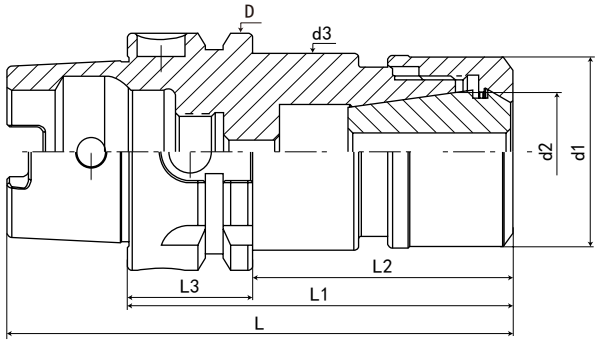




规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	d3	T	重量 KGS
HSK40A-GER16-80	HSK40A	100	80	60	20	40	27.1	16	28	M10*1.0P	
HSK40A-GER20-80	HSK40A	100	80	61	20	40	33	20	34	M13*1.0P	
HSK40A-GER25-80	HSK40A	100	80	62	20	40	40	25	42	M18*1.5P	
HSK40A-GER32-80	HSK40A	100	80	63	20	40	50	32	50	M22*1.5P	

HSK50A-GER 筒夹刀柄 HSK50A-GER COLLET CHUCK

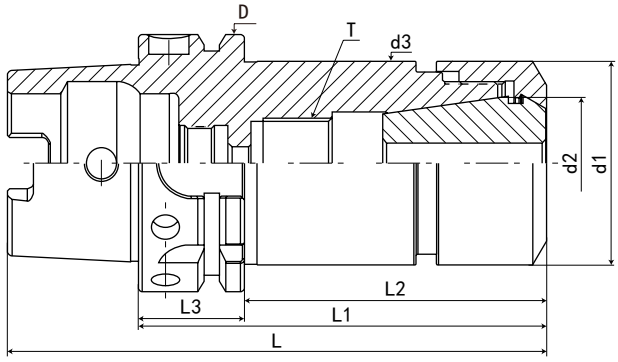




规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	d3	T	重量 KGS
HSK50A-GER16-80	HSK50A	105	80	54	26	50	27.1	16	28	M10*1.0P	0.4
HSK50A-GER16-100	HSK50A	125	100	74	26	50	27.1	16	28	M10*1.0P	
HSK50A-GER20-80	HSK50A	105	80	54	26	50	33	20	34	M13*1.0P	
HSK50A-GER20-100	HSK50A	125	100	74	26	50	33	20	34	M13*1.0P	
HSK50A-GER25-80	HSK50A	105	80	54	26	50	40	25	42	M18*1.5P	
HSK50A-GER25-100	HSK50A	125	100	74	26	50	40	25	42	M18*1.5P	
HSK50A-GER32-80	HSK50A	105	80	54	26	50	50	32	50	M22*1.5P	
HSK50A-GER32-100	HSK50A	125	100	74	26	50	50	32	50	M22*1.5P	

HSK63A-GER 筒夹刀柄 HSK63A-GER COLLET CHUCK

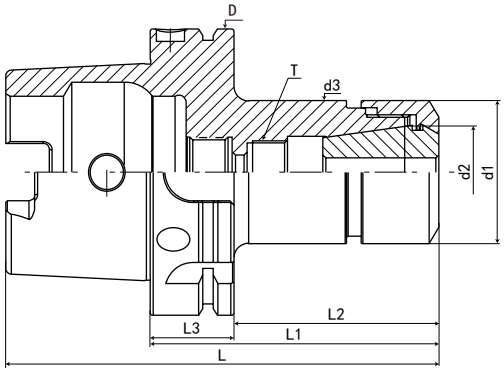




规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	d3	T	重量 KGS
HSK63A-GER16-75	HSK63A	107	75	49	26	63	30.5	16	30	M10*1.0P	0.9
HSK63A-GER16-100	HSK63A	132	100	74	26	63	30.5	16	30	M10*1.0P	1.1
HSK63A-GER16-125	HSK63A	157	125	99	26	63	30.5	16	30	M10*1.0P	
HSK63A-GER16-160	HSK63A	192	160	134	26	63	30.5	16	30	M10*1.0P	1.4
HSK63A-GER16-200	HSK63A	232	200	174	26	63	30.5	16	30	M10*1.0P	
HSK63A-GER20-75	HSK63A	107	75	49	26	63	36	20	36	M13*1.0P	1
HSK63A-GER20-100	HSK63A	132	100	74	26	63	36	20	36	M13*1.0P	1.2
HSK63A-GER20-125	HSK63A	157	125	99	26	63	36	20	36	M13*1.0P	
HSK63A-GER20-160	HSK63A	192	160	134	26	63	36	20	36	M13*1.0P	
HSK63A-GER20-200	HSK63A	232	200	174	26	63	36	20	36	M13*1.0P	
HSK63A-GER25-75	HSK63A	107	75	49	26	63	41	25	41	M18*1.5P	
HSK63A-GER25-100	HSK63A	132	100	74	26	63	41	25	41	M18*1.5P	
HSK63A-GER25-125	HSK63A	157	125	99	26	63	41	25	41	M18*1.5P	
HSK63A-GER25-160	HSK63A	192	160	134	26	63	41	25	41	M18*1.5P	
HSK63A-GER25-200	HSK63A	232	200	174	26	63	41	25	41	M18*1.5P	
HSK63A-GER32-100	HSK63A	132	100	74	26	63	50	32	50	M22*1.5P	
HSK63A-GER32-125	HSK63A	157	125	99	26	63	50	32	50	M22*1.5P	
HSK63A-GER32-160	HSK63A	192	160	134	26	63	50	32	50	M22*1.5P	
HSK63A-GER32-200	HSK63A	232	200	174	26	63	50	32	50	M22*1.5P	

HSK80A-GER 筒夹刀柄 HSK80A-GER COLLET CHUCK

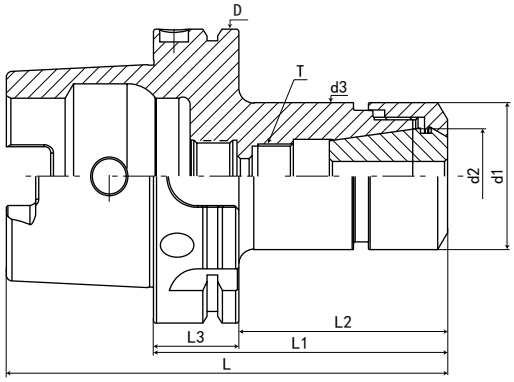




规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	d3	T	重量 KGS
HSK80A-GER16-100	HSK80A	140	100	74	26	80	27.1	16	28	M10*1.0P	
HSK80A-GER20-100	HSK80A	140	100	74	26	80	33	20	34	M13*1.0P	
HSK80A-GER25-100	HSK80A	140	100	74	26	80	40	25	42	M18*1.5P	
HSK80A-GER32-100	HSK80A	140	100	74	26	80	50	32	50	M22*1.5P	

HSK100A-GER 筒夹刀柄 HSK100A-GER COLLET CHUCK

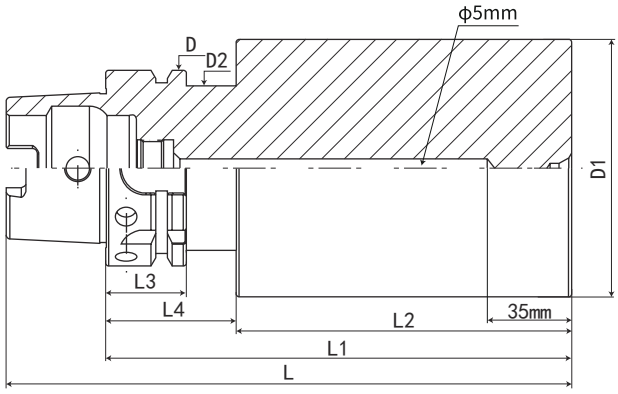




规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	d3	T	重量 KGS
HSK100A-GER16-100	HSK100A	150	100	71	29	100	30.5	16	30	M10*1.0P	
HSK100A-GER16-125	HSK100A	175	125	96	29	100	30.5	16	30	M10*1.0P	
HSK100A-GER16-160	HSK100A	210	160	131	29	100	30.5	16	30	M10*1.0P	
HSK100A-GER16-200	HSK100A	250	200	171	29	100	30.5	16	30	M10*1.0P	
HSK100A-GER20-100	HSK100A	150	100	71	29	100	36	20	36	M13*1.0P	
HSK100A-GER20-125	HSK100A	175	125	96	29	100	36	20	36	M13*1.0P	
HSK100A-GER20-160	HSK100A	210	160	131	29	100	36	20	36	M13*1.0P	
HSK100A-GER20-200	HSK100A	250	200	171	29	100	36	20	36	M13*1.0P	
HSK100A-GER25-100	HSK100A	150	100	71	29	100	41	25	41	M18*1.5P	
HSK100A-GER25-125	HSK100A	175	125	96	29	100	41	25	41	M18*1.5P	
HSK100A-GER25-160	HSK100A	210	160	131	29	100	41	25	41	M18*1.5P	
HSK100A-GER25-200	HSK100A	250	200	171	29	100	41	25	41	M18*1.5P	
HSK100A-GER32-100	HSK100A	150	100	71	29	100	50	32	50	M22*1.5P	
HSK100A-GER32-125	HSK100A	175	125	96	29	100	50	32	50	M22*1.5P	
HSK100A-GER32-160	HSK100A	210	160	131	29	100	50	32	50	M22*1.5P	
HSK100A-GER32-200	HSK100A	250	200	171	29	100	50	32	50	M22*1.5P	

HSK50A- 基础柄刀柄 HSK50A BASIC SHANK





- 锥柄硬度 HRC50-53
- 前端硬度 HRC40-45
- Taper shank hardnessHRC50-53
- Front end hardness HRC40-45

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	D1	D2	重量 KGS
HSK50A-D53-120	HSK50A	145	120	78	26	42	50	53	42	
HSK50A-D53-160	HSK50A	185	160	118	26	42	50	53	42	
HSK50A-D53-210	HSK50A	235	210	168	26	42	50	53	42	
HSK50A-D53-250	HSK50A	275	250	208	26	42	50	53	42	
HSK50A-D63-120	HSK50A	145	120	78	26	42	50	63	42	
HSK50A-D63-160	HSK50A	185	160	118	26	42	50	63	42	
HSK50A-D63-210	HSK50A	235	210	168	26	42	50	63	42	
HSK50A-D63-250	HSK50A	275	250	208	26	42	50	63	42	
HSK50A-D83-125	HSK50A	150	125	83	26	42	50	83	42	
HSK50A-D83-150	HSK50A	175	150	108	26	42	50	83	42	
HSK50A-D83-175	HSK50A	200	175	133	26	42	50	83	42	
HSK50A-D83-200	HSK50A	225	200	158	26	42	50	83	42	
HSK50A-D102-125	HSK50A	150	125	83	26	42	50	102	42	
HSK50A-D102-150	HSK50A	175	150	108	26	42	50	102	42	
HSK50A-D125-125	HSK50A	150	125	83	26	42	50	125	42	

HSK63A- 基础柄刀柄 HSK63A BASIC SHANK



FIG. 1

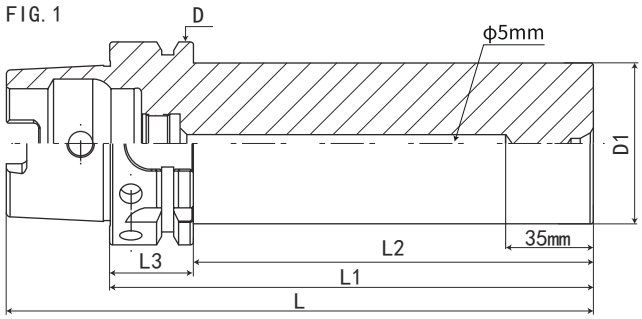
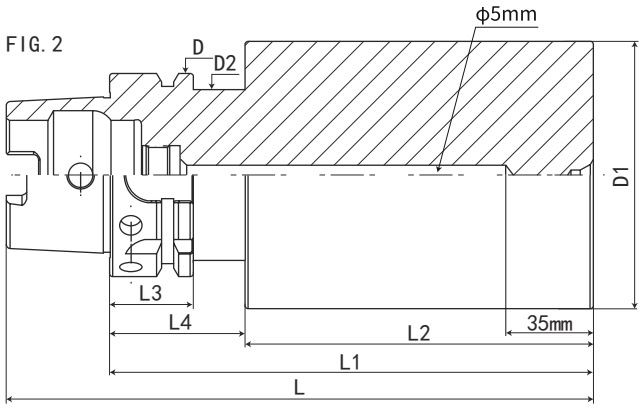




FIG. 2



- 锥柄硬度 HRC50-53
- Taper shank hardnessHRC50-53
- 前端硬度 HRC40-45
- Front end hardness HRC40-45

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	D1	D2	FIG	重量 KGS
HSK63A-D50-100	HSK63A	132	100	74	26	-	63	50	-	1	
HSK63A-D50-125	HSK63A	157	125	99	26	-	63	50	-	1	
HSK63A-D50-150	HSK63A	182	150	124	26	-	63	50	-	1	
HSK63A-D50-175	HSK63A	207	175	149	26	-	63	50	-	1	
HSK63A-D50-200	HSK63A	232	200	174	26	-	63	50	-	1	
HSK63A-D50-225	HSK63A	257	225	199	26	-	63	50	-	1	
HSK63A-D50-250	HSK63A	282	250	224	26	-	63	50	-	1	
HSK63A-D50-275	HSK63A	307	275	249	26	-	63	50	-	1	
HSK63A-D50-300	HSK63A	332	300	274	26	-	63	50	-	1	
HSK63A-D63-100	HSK63A	132	100	58	26	42	63	63	53	2	
HSK63A-D63-125	HSK63A	157	125	83	26	42	63	63	53	2	
HSK63A-D63-150	HSK63A	182	150	108	26	42	63	63	53	2	
HSK63A-D63-175	HSK63A	207	175	133	26	42	63	63	53	2	
HSK63A-D63-200	HSK63A	232	200	158	26	42	63	63	53	2	
HSK63A-D63-225	HSK63A	257	225	183	26	42	63	63	53	2	
HSK63A-D63-250	HSK63A	282	250	208	26	42	63	63	53	2	
HSK63A-D63-275	HSK63A	307	275	233	26	42	63	63	53	2	
HSK63A-D63-300	HSK63A	332	300	258	26	42	63	63	53	2	
HSK63A-D63-330	HSK63A	362	330	288	26	42	63	63	53	2	
HSK63A-D63-360	HSK63A	392	360	318	26	42	63	63	53	2	
HSK63A-D63-400	HSK63A	432	400	358	26	42	63	63	53	2	
HSK63A-D83-100	HSK63A	132	100	58	26	42	63	83	53	2	
HSK63A-D83-125	HSK63A	157	125	83	26	42	63	83	53	2	
HSK63A-D83-150	HSK63A	182	150	108	26	42	63	83	53	2	
HSK63A-D83-175	HSK63A	207	175	133	26	42	63	83	53	2	
HSK63A-D83-200	HSK63A	232	200	158	26	42	63	83	53	2	
HSK63A-D83-225	HSK63A	257	225	183	26	42	63	83	53	2	
HSK63A-D83-250	HSK63A	282	250	208	26	42	63	83	53	2	
HSK63A-D83-275	HSK63A	307	275	233	26	42	63	83	53	2	
HSK63A-D83-300	HSK63A	332	300	258	26	42	63	83	53	2	
HSK63A-D83-330	HSK63A	362	330	288	26	42	63	83	53	2	

HSK63A- 基础柄刀柄 HSK63A BASIC SHANK



FIG. 1

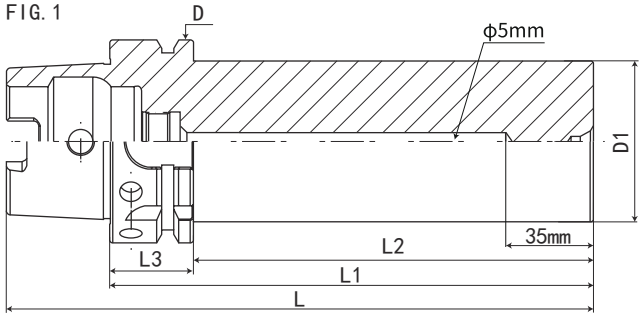
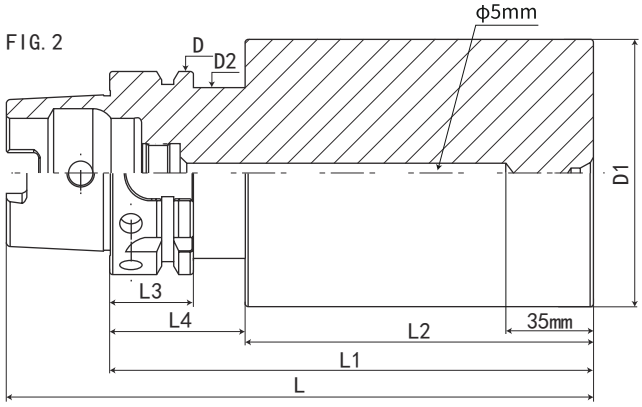




FIG. 2

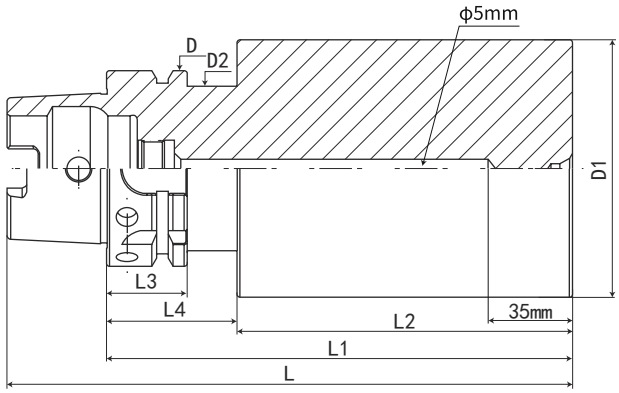


- 锥柄硬度 HRC50-53
- 前端硬度 HRC40-45
- Taper shank hardnessHRC50-53
- Front end hardness HRC40-45

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	D1	D2	重量 KGS
HSK63A-D102-100	HSK63A	132	100	58	26	42	63	102	53	
HSK63A-D102-125	HSK63A	157	125	83	26	42	63	102	53	
HSK63A-D102-150	HSK63A	182	150	108	26	42	63	102	53	
HSK63A-D102-175	HSK63A	207	175	133	26	42	63	102	53	
HSK63A-D102-200	HSK63A	232	200	158	26	42	63	102	53	
HSK63A-D102-225	HSK63A	257	225	183	26	42	63	102	53	
HSK63A-D102-250	HSK63A	282	250	208	26	42	63	102	53	
HSK63A-D102-275	HSK63A	307	275	233	26	42	63	102	53	
HSK63A-D102-300	HSK63A	332	300	258	26	42	63	102	53	
HSK63A-D127-100	HSK63A	132	100	58	26	42	63	127	53	
HSK63A-D127-125	HSK63A	157	125	83	26	42	63	127	53	
HSK63A-D127-150	HSK63A	182	150	108	26	42	63	127	53	
HSK63A-D127-175	HSK63A	207	175	133	26	42	63	127	53	
HSK63A-D127-200	HSK63A	232	200	158	26	42	63	127	53	
HSK63A-D127-225	HSK63A	257	225	183	26	42	63	127	53	
HSK63A-D127-250	HSK63A	282	250	208	26	42	63	127	53	
HSK63A-D157-100	HSK63A	132	100	58	26	42	63	157	53	
HSK63A-D157-125	HSK63A	157	125	83	26	42	63	157	53	
HSK63A-D157-150	HSK63A	182	150	108	26	42	63	157	53	
HSK63A-D157-175	HSK63A	207	175	133	26	42	63	157	53	
HSK63A-D157-200	HSK63A	232	200	158	26	42	63	157	53	
HSK63A-D157-225	HSK63A	257	225	183	26	42	63	157	53	

HSK80A- 基础柄刀柄 HSK80A BASIC SHANK





- 锥柄硬度 HRC50-53
- Taper shank hardnessHRC50-53
- 前端硬度 HRC40-45
- Front end hardness HRC40-45

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	D1	D2	重量 KGS
HSK80A-D80-150	HSK80A	190	150	108	26	42	80	80	67	
HSK80A-D80-200	HSK80A	240	200	158	26	42	80	80	67	
HSK80A-D80-250	HSK80A	290	250	208	26	42	80	80	67	
HSK80A-D102-250	HSK80A	290	250	208	26	42	80	102	67	

HSK100A-基础柄刀柄 HSK100A BASIC SHANK





FIG. 1

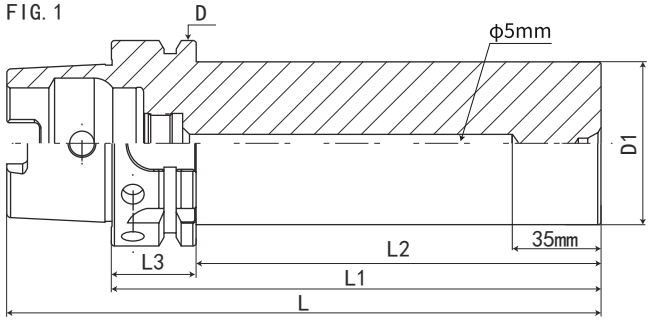
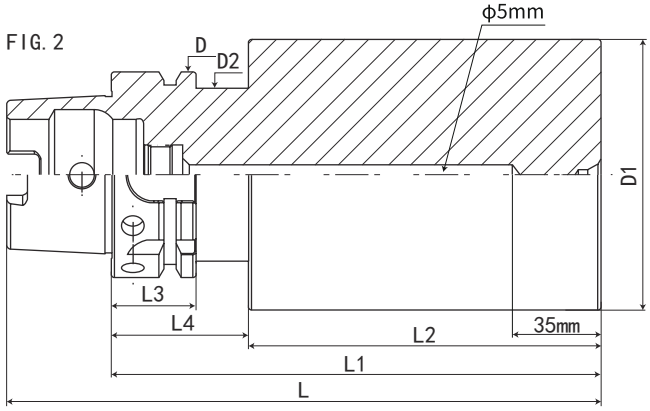


FIG. 2

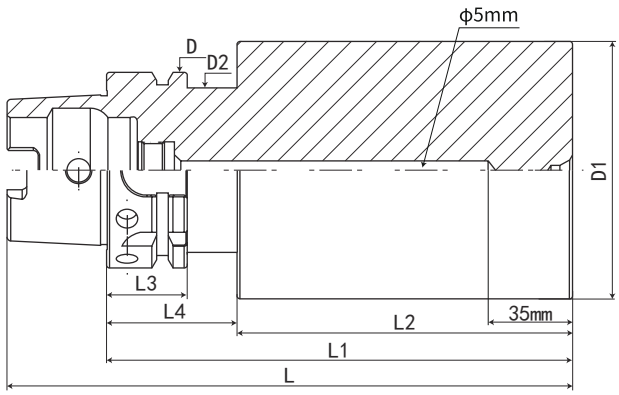


- 锥柄硬度 HRC50-53
- Taper shank hardnessHRC50-53
- 前端硬度 HRC40-45
- Front end hardness HRC40-45

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	D1	D2	FIG	重量 KGS
HSK100A-D80-100	HSK100A	150	100	71	29	-	100	80	-	1	
HSK100A-D80-125	HSK100A	175	125	96	29	-	100	80	-	1	
HSK100A-D80-150	HSK100A	200	150	121	29	-	100	80	-	1	
HSK100A-D80-175	HSK100A	225	175	146	29	-	100	80	-	1	
HSK100A-D80-200	HSK100A	250	200	171	29	-	100	80	-	1	
HSK100A-D80-225	HSK100A	275	225	196	29	-	100	80	-	1	
HSK100A-D80-250	HSK100A	300	250	221	29	-	100	80	-	1	
HSK100A-D80-275	HSK100A	325	275	246	29	-	100	80	-	1	
HSK100A-D80-300	HSK100A	350	300	271	29	-	100	80	-	1	
HSK100A-D80-330	HSK100A	380	330	301	29	-	100	80	-	1	
HSK100A-D102-100	HSK100A	150	100	55	29	45	100	102	88	2	
HSK100A-D102-125	HSK100A	175	125	80	29	45	100	102	88	2	
HSK100A-D102-150	HSK100A	200	150	105	29	45	100	102	88	2	
HSK100A-D102-175	HSK100A	225	175	130	29	45	100	102	88	2	
HSK100A-D102-200	HSK100A	250	200	155	29	45	100	102	88	2	
HSK100A-D102-225	HSK100A	275	225	180	29	45	100	102	88	2	
HSK100A-D102-250	HSK100A	300	250	205	29	45	100	102	88	2	
HSK100A-D102-275	HSK100A	325	275	230	29	45	100	102	88	2	
HSK100A-D102-300	HSK100A	350	300	255	29	45	100	102	88	2	
HSK100A-D102-330	HSK100A	380	330	285	29	45	100	102	88	2	
HSK100A-D102-350	HSK100A	400	350	305	29	45	100	102	88	2	
HSK100A-D102-400	HSK100A	450	400	355	29	45	100	102	88	2	

HSK100A- 基础柄刀柄 HSK100A BASIC SHANK

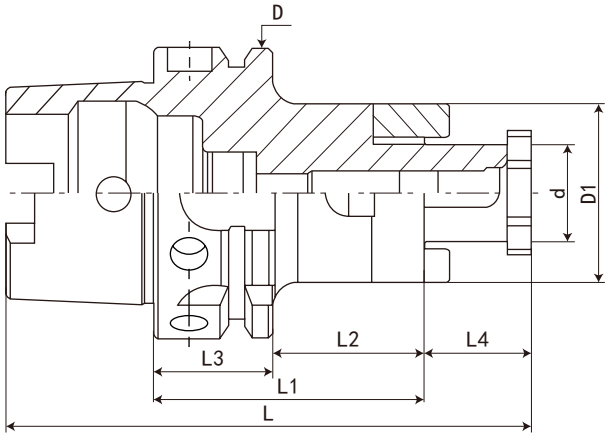




- 锥柄硬度 HRC50-53
- 前端硬度 HRC40-45
- Taper shank hardnessHRC50-53
- Front end hardness HRC40-45

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	D1	D2	重量 KGS
HSK100A-D127-100	HSK100A	150	100	55	29	45	100	127	88	
HSK100A-D127-125	HSK100A	175	125	80	29	45	100	127	88	
HSK100A-D127-150	HSK100A	200	150	105	29	45	100	127	88	
HSK100A-D127-175	HSK100A	225	175	130	29	45	100	127	88	
HSK100A-D127-200	HSK100A	250	200	155	29	45	100	127	88	
HSK100A-D127-225	HSK100A	275	225	180	29	45	100	127	88	
HSK100A-D127-250	HSK100A	300	250	205	29	45	100	127	88	
HSK100A-D127-275	HSK100A	325	275	230	29	45	100	127	88	
HSK100A-D127-300	HSK100A	350	300	255	29	45	100	127	88	
HSK100A-D127-350	HSK100A	400	350	305	29	45	100	127	88	
HSK100A-D157-100	HSK100A	150	100	55	29	45	100	157	88	
HSK100A-D157-125	HSK100A	175	125	80	29	45	100	157	88	
HSK100A-D157-150	HSK100A	200	150	105	29	45	100	157	88	
HSK100A-D157-175	HSK100A	225	175	130	29	45	100	157	88	
HSK100A-D157-200	HSK100A	250	200	155	29	45	100	157	88	
HSK100A-D157-225	HSK100A	275	225	180	29	45	100	157	88	
HSK100A-D157-250	HSK100A	300	250	205	29	45	100	157	88	
HSK100A-D157-275	HSK100A	325	275	230	29	45	100	157	88	
HSK100A-D157-300	HSK100A	350	300	255	29	45	100	157	88	

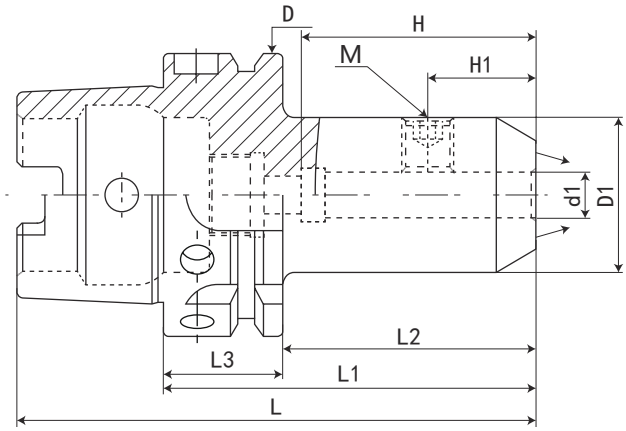
HSK-SEMC 混合插入式铣刀柄 HSK-SEMC COMBI END MILL HOLDERS



规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	D1	d	重量 KGS
HSK32A-SEMC16-55	HSK32A	71	55	35	20	17	32	32	16	
HSK32A-SEMC22-55	HSK32A	71	55	35	20	19	32	40	22	
HSK32A-SEMC27-65	HSK32A	81	65	45	20	21	32	48	27	
HSK32A-SEMC32-65	HSK32A	81	65	45	20	24	32	58	32	
HSK40A-SEMC16-50	HSK40A	70	50	30	20	17	40	32	16	
HSK40A-SEMC22-50	HSK40A	70	50	30	20	19	40	40	22	
HSK40A-SEMC27-65	HSK40A	85	65	45	20	21	40	48	27	
HSK40A-SEMC32-65	HSK40A	85	65	45	20	24	40	58	32	
HSK50A-SEMC16-50	HSK50A	75	50	24	26	17	50	32	16	
HSK50A-SEMC22-50	HSK50A	75	50	24	26	19	50	40	22	
HSK50A-SEMC27-65	HSK50A	90	65	39	26	21	50	48	27	
HSK50A-SEMC32-65	HSK50A	90	65	39	26	24	50	58	32	
HSK63A-SEMC16-60	HSK63A	92	60	34	26	17	63	32	16	
HSK63A-SEMC16-100	HSK63A	132	100	74	26	17	63	32	16	
HSK63A-SEMC22-60	HSK63A	92	60	34	26	19	63	40	22	
HSK63A-SEMC22-100	HSK63A	132	100	74	26	19	63	40	22	
HSK63A-SEMC27-60	HSK63A	92	60	34	26	21	63	48	27	
HSK63A-SEMC27-100	HSK63A	132	100	74	26	21	63	48	27	
HSK63A-SEMC32-60	HSK63A	92	60	34	26	24	63	58	32	
HSK63A-SEMC32-100	HSK63A	132	100	74	26	24	63	58	32	
HSK63A-SEMC40-70	HSK63A	102	70	44	26	27	63	70	40	
HSK63A-SEMC40-100	HSK63A	132	100	74	26	27	63	70	40	
HSK80A-SEMC16-60	HSK80A	100	60	34	26	17	80	32	16	
HSK80A-SEMC22-60	HSK80A	100	60	34	26	19	80	40	22	
HSK80A-SEMC27-60	HSK80A	100	60	34	26	21	80	48	27	
HSK80A-SEMC32-60	HSK80A	100	60	34	26	24	80	58	32	
HSK80A-SEMC40-70	HSK80A	110	70	44	26	27	80	70	40	
HSK100A-SEMC16-60	HSK100A	110	60	31	29	17	100	32	16	
HSK100A-SEMC16-100	HSK100A	150	100	71	29	17	100	32	16	
HSK100A-SEMC22-60	HSK100A	110	60	31	29	19	100	40	22	
HSK100A-SEMC22-100	HSK100A	150	100	71	29	19	100	40	22	
HSK100A-SEMC27-60	HSK100A	110	60	31	29	21	100	48	27	
HSK100A-SEMC27-100	HSK100A	150	100	71	29	22	100	49	28	
HSK100A-SEMC32-60	HSK100A	110	60	31	29	24	100	58	32	
HSK100A-SEMC32-100	HSK100A	150	100	71	29	24	100	58	32	
HSK100A-SEMC40-70	HSK100A	120	70	41	29	27	100	70	40	
HSK100A-SEMC40-100	HSK100A	150	100	71	29	27	100	70	40	

HSK40A/50A-EMH 喷射型侧固式刀柄 HSK40A/50A-EMH JETTING END MILL HOLDER





规 格 Model	柄部 Handle	L	L1	L2	L3	D	D1	d1	H	H1	M	重量 KGS
HSK40A-EMH6C-60	HSK40A	80	60	40	20	40	25	6	35	18	M6*1.0P	0.3
HSK40A-EMH8C-60	HSK40A	80	60	40	20	40	28	8	35	18	M8*1.25P	0.3
HSK40A-EMH10C-60	HSK40A	80	60	40	20	40	35	10	35.5	20	M10*1.5P	0.3
HSK40A-EMH12C-70	HSK40A	90	70	50	20	40	42	12	36	22.5	M12*1.75P	0.4
HSK40A-EMH14C-70	HSK40A	90	70	50	20	40	44	14	36	22.5	M12*1.75P	0.4
HSK40A-EMH16C-80	HSK40A	100	80	60	20	40	48	16	46	24	M14	0.6
HSK50A-EMH6C-65	HSK50A	90	65	39	26	50	25	6	35	18	M6*1.0P	0.7
HSK50A-EMH8C-65	HSK50A	90	65	39	26	50	28	8	35	18	M8*1.25P	0.8
HSK50A-EMH10C-65	HSK50A	90	65	39	26	50	35	10	35.5	20	M10*1.5P	0.8
HSK50A-EMH12C-80	HSK50A	105	80	54	26	50	42	12	36	22.5	M12*1.75P	1.2
HSK50A-EMH14C-80	HSK50A	105	80	54	26	50	44	14	36	22.5	M12*1.75P	1.3
HSK50A-EMH16C-80	HSK50A	105	80	54	26	50	48	16	46	24	M14	1.3
HSK50A-EMH18C-80	HSK50A	105	80	54	26	50	50	18	46	24	M14	1.4
HSK50A-EMH20C-80	HSK50A	105	80	54	26	50	52	20	48	25	M16*2.0P	1.5

HSK63A/100A-EMH 喷射型侧固式刀柄 HSK63A/100A-EMH JETTING END MILL HOLDER



FIG. 1

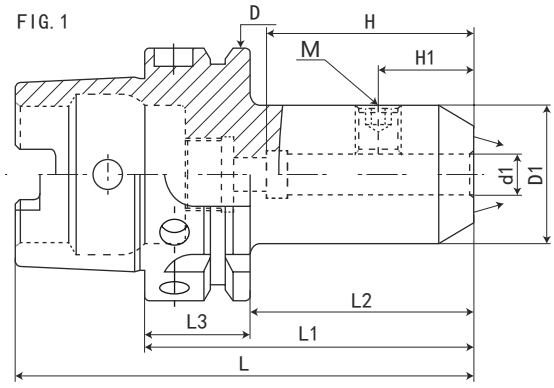
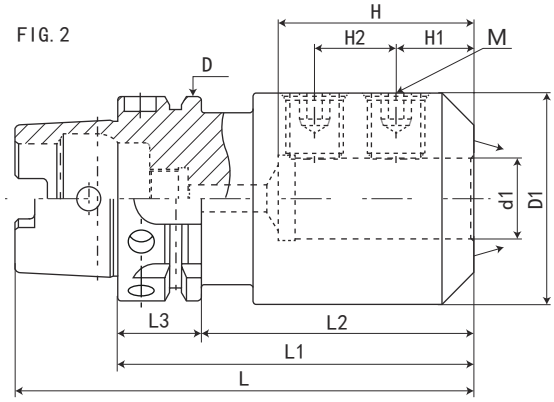




FIG. 2



规 格 Model	柄部 Handle	L	L1	L2	L3	D	D1	d1	H	H1	FIG	M	重量 KGS
HSK63A-EMH6C-65	HSK63A	97	65	39	26	63	25	6	35	18	1	M6*1.0P	0.8
HSK63A-EMH8C-65	HSK63A	97	65	39	26	63	28	8	35	18	1	M8*1.25P	0.8
HSK63A-EMH10C-65	HSK63A	97	65	39	26	63	35	10	35.5	20	1	M10*1.5P	0.9
HSK63A-EMH12C-80	HSK63A	112	80	54	26	63	42	12	36	22.5	1	M12*1.75P	1.1
HSK63A-EMH14C-80	HSK63A	112	80	54	26	63	44	14	36	22.5	1	M12*1.75P	1.2
HSK63A-EMH16C-80	HSK63A	112	80	54	26	63	48	16	46	24	1	M14*2.0P	1.3
HSK63A-EMH18C-80	HSK63A	112	80	54	26	63	50	18	46	24	1	M14*2.0P	1.4
HSK63A-EMH20C-80	HSK63A	112	80	54	26	63	52	20	48	25	1	M16*2.0P	1.5
HSK63A-EMH25C-110	HSK63A	142	110	84	26	63	65	25	55	25	2	M18*2.5P	2.3
HSK63A-EMH32C-110	HSK63A	142	110	84	26	63	72	32	57	28	2	M20*2.5P	2.6
HSK100A-EMH6C-80	HSK100A	130	80	51	29	100	25	6	35	18	1	M6*1.0P	2.15
HSK100A-EMH8C-80	HSK100A	130	80	51	29	100	28	8	35	18	1	M8*1.25P	2.2
HSK100A-EMH10C-80	HSK100A	130	80	51	29	100	35	10	35.5	20	1	M10*1.5P	2.35
HSK100A-EMH12C-80	HSK100A	130	80	51	29	100	42	12	36	22.5	1	M12*1.75P	2.45
HSK100A-EMH14C-80	HSK100A	130	80	51	29	100	44	14	36	22.5	1	M12*1.75P	2.65
HSK100A-EMH16C-100	HSK100A	150	100	71	29	100	48	16	46	24	1	M14*2.0P	2.85
HSK100A-EMH18C-100	HSK100A	150	100	71	29	100	50	18	46	24	1	M14*2.0P	2.9
HSK100A-EMH20C-100	HSK100A	150	100	71	29	100	52	20	48	25	1	M16*2.0P	2.95
HSK100A-EMH25C-100	HSK100A	150	100	71	29	100	65	25	55	25	2	M18*2.5P	3.45
HSK100A-EMH32C-100	HSK100A	150	100	71	29	100	72	32	57	28	2	M20*2.5P	3.65
HSK100A-EMH40C-120	HSK100A	170	120	91	29	100	90	40	68	32	2	M20*2.5P	5.5

HSK63A-DC 后拉式刀柄 HSK63A-DC BACK LOCKING COLLET HOLDER



FIG. 1

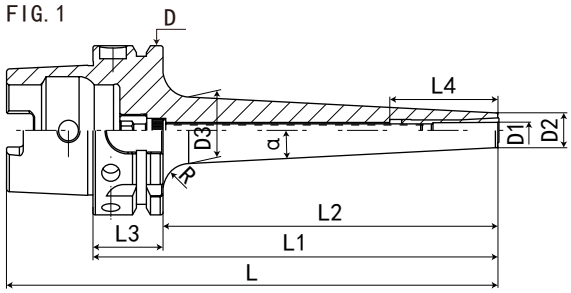
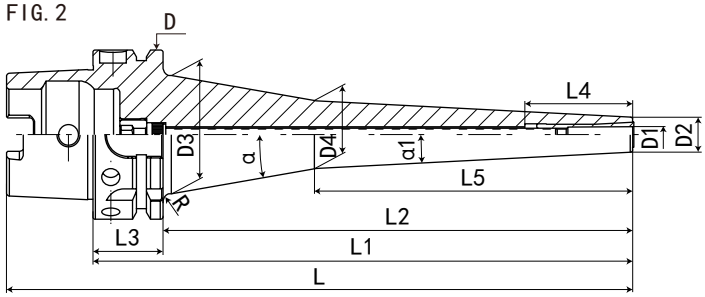


FIG. 2



规 格 Model	柄部 Handle	L	L1	L2	L3	L4	L5	D	D1	D2	D3	D4	α	α1	R	FIG	夹持范围 Range	重量 KGS
HSK63A-DC6-100	HSK63A	132	100	74	26			63		13	20		3°		10	2	2-6mm	
HSK63A-DC6-120	HSK63A	152	120	94	26			63		13	22		3°		10	2	2-6mm	
HSK63A-DC6-150	HSK63A	182	150	124	26			63		13	25		3°		10	2	2-6mm	
HSK63A-DC6-200	HSK63A	232	200	174	26			63										
HSK63A-DC8-100	HSK63A	132	100	74	26			63		15	22		3°		10	2		
HSK63A-DC8-120	HSK63A	152	120	94	26			63		15	24		3°		10	2		
HSK63A-DC8-150	HSK63A	182	150	124	26			63		15	27		3°		10	2		
HSK63A-DC8-200	HSK63A	232	200	174	26			63										
HSK63A-DC10-100	HSK63A	132	100	74	26			63		22	29		3°		10	2		
HSK63A-DC10-120	HSK63A	152	120	94	26			63		22	31		3°		10	2		
HSK63A-DC10-150	HSK63A	182	150	124	26			63		22	34		3°		10	2		
HSK63A-DC10-200	HSK63A	232	200	174	26			63										
HSK63A-DC12-100	HSK63A	132	100	74	26			63		30	36.5		3°		10	2		
HSK63A-DC12-120	HSK63A	152	120	94	26			63		30	39		3°		10	2		
HSK63A-DC12-150	HSK63A	182	150	124	26			63		30	42		3°		10	2		
HSK63A-DC12-200	HSK63A	232	200	174	26			63										

HSK100A-DC 后拉式刀柄 HSK100A-DC BACK LOCKING COLLET HOLDER



FIG. 1

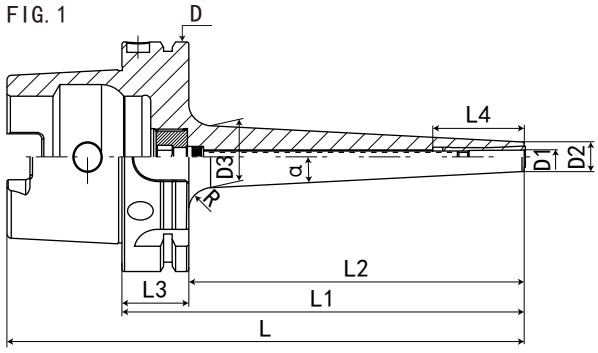
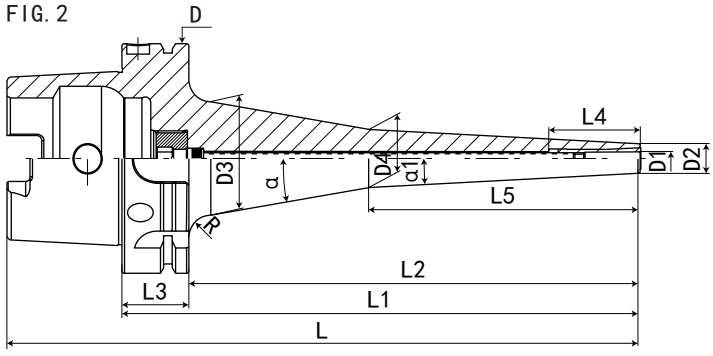


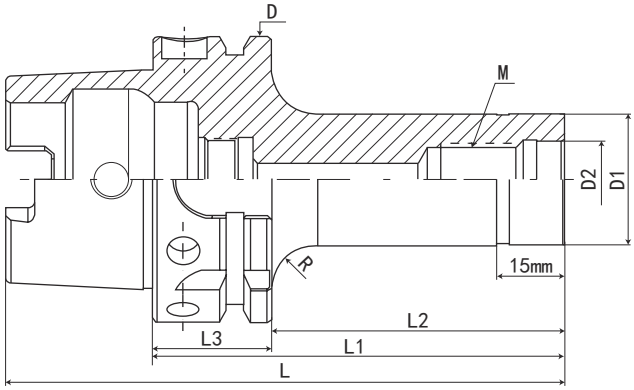
FIG. 2



规 格 Model	柄部 Handle	L	L1	L2	L3	L4	L5	D	D1	D2	D3	D4	α	α1	R	FIG	夹持范围 Range	重量 KGS
HSK100A-DC6-115	HSK100A	165	115	86	29			100		13	21		3°		10	2		
HSK100A-DC6-150	HSK100A	200	150	121	29			100		13	24.5		3°		10	2		
HSK100A-DC6-200	HSK100A	250	200	171	29			100										
HSK100A-DC8-115	HSK100A	165	115	86	29			100		15	23		3°		10	2		
HSK100A-DC8-150	HSK100A	200	150	121	29			100		15	26.5		3°		10	2		
HSK100A-DC8-200	HSK100A	250	200	171	29			100										
HSK100A-DC10-115	HSK100A	165	115	86	29			100		22	30		3°		10	2		
HSK100A-DC10-150	HSK100A	200	150	121	29			100		22	33.5		3°		10	2		
HSK100A-DC10-200	HSK100A	250	200	171	29			100										
HSK100A-DC12-120	HSK100A	170	120	91	29			100		30	38.5		3°		10	2		
HSK100A-DC12-150	HSK100A	200	150	121	29			100		30	41.5		3°		10	2		
HSK100A-DC12-200	HSK100A	250	200	171	29			100										

HSK50A-M 锁牙式刀柄（直柄） HSK50A-M THERADED CHUCK





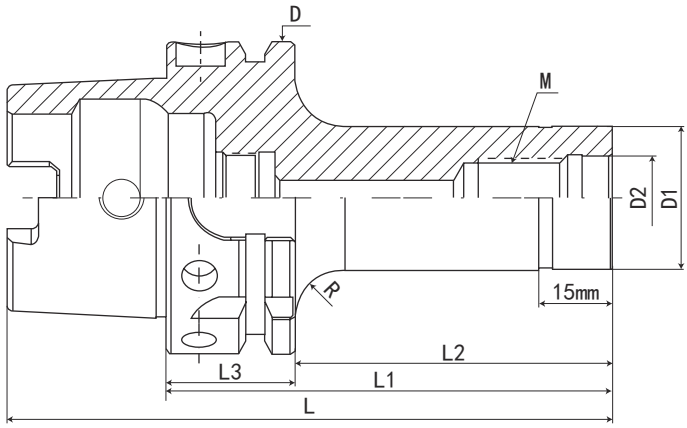


N21

规 格 Model	柄部 Handle	L	L1	L2	L3	D	D1	D2	M	R	重量 KGS
HSK50A-M08-60	HSK50A	85	60	34	26	50	15.4	8.5	M8*1.25P	5	
HSK50A-M08-90	HSK50A	115	90	64	26	50	15.4	8.5	M8*1.25P	5	
HSK50A-M10-60	HSK50A	85	60	34	26	50	19	10.5	M10*1.5P	5	
HSK50A-M10-90	HSK50A	115	90	64	26	50	19	10.5	M10*1.5P	5	
HSK50A-M12-60	HSK50A	85	60	34	26	50	24	12.5	M12*1.75P	5	
HSK50A-M12-90	HSK50A	115	90	64	26	50	24	12.5	M12*1.75P	5	
HSK50A-M16-60	HSK50A	85	60	34	26	50	29	17	M16*2.0P	5	
HSK50A-M16-90	HSK50A	115	90	64	26	50	29	17	M16*2.0P	5	

HSK63A-M 锁牙式刀柄（直柄） HSK63A-M THERADED CHUCK







N21

规 格 Model	柄部 Handle	L	L1	L2	L3	D	D1	D2	M	R	重量 KGS
HSK63A-M08-60	HSK63A	92	60	34	26	63	15.4	8.5	M8*1.25P	10	
HSK63A-M08-90	HSK63A	122	90	64	26	63	15.4	8.5	M8*1.25P	10	
HSK63A-M08-110	HSK63A	142	110	84	26	63	15.4	8.5	M8*1.25P	10	
HSK63A-M10-60	HSK63A	92	60	34	26	63	19	10.5	M10*1.5P	10	
HSK63A-M10-90	HSK63A	122	90	64	26	63	19	10.5	M10*1.5P	10	
HSK63A-M10-110	HSK63A	142	110	84	26	63	19	10.5	M10*1.5P	10	
HSK63A-M12-60	HSK63A	92	60	34	26	63	24	12.5	M12*1.75P	10	
HSK63A-M12-90	HSK63A	122	90	64	26	63	24	12.5	M12*1.75P	10	
HSK63A-M12-110	HSK63A	142	110	84	26	63	24	12.5	M12*1.75P	10	
HSK63A-M16-60	HSK63A	92	60	34	26	63	29	17	M16*2.0P	10	
HSK63A-M16-90	HSK63A	122	90	64	26	63	29	17	M16*2.0P	10	
HSK63A-M16-110	HSK63A	142	110	84	26	63	29	17	M16*2.0P	10	1.2

HSK100A-M 锁牙式刀柄（直柄） HSK100A-M THERADED CHUCK





FIG. 1

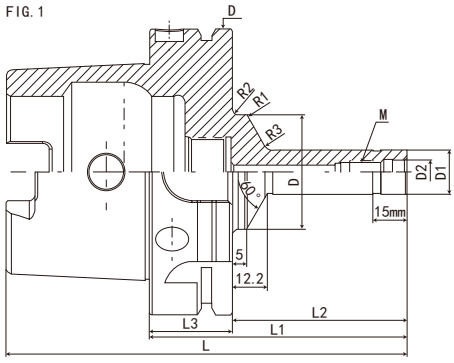
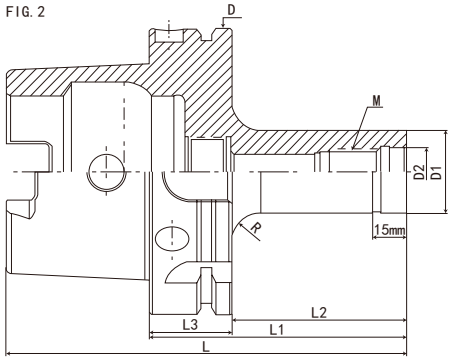


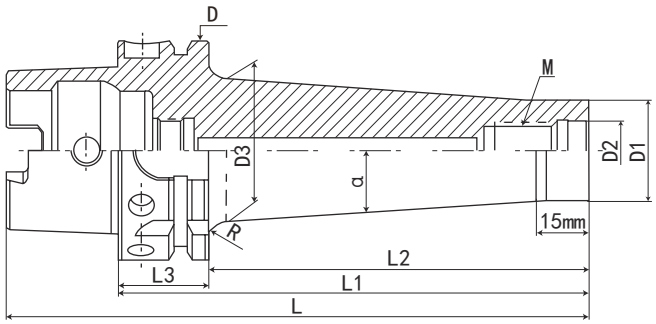
FIG. 2



规 格 Model	柄部 Handle	L	L1	L2	L3	D	D1	D2	M	R	FIG	重量 KGS
HSK100A-M08-75	HSK100A	125	75	46	29	100	15.4	8.5	M8*1.25P	10	1	2.4
HSK100A-M08-90	HSK100A	140	90	61	29	100	154	8.5	M8*1.25P	10	1	2.4
HSK100A-M08-110	HSK100A	160	110	81	29	100	15.4	8.5	M8*1.25P	10	1	2.5
HSK100A-M10-75	HSK100A	125	75	46	29	100	19	10.5	M10*1.5P	10	1	2.4
HSK100A-M10-90	HSK100A	140	90	61	29	100	19	10.5	M10*1.5P	10	1	2.5
HSK100A-M10-110	HSK100A	160	110	81	29	100	19	10.5	M10*1.5P	10	1	2.5
HSK100A-M12-75	HSK100A	125	75	46	29	100	24	12.5	M12*1.75P	10	1	2.3
HSK100A-M12-90	HSK100A	140	90	61	29	100	24	12.5	M12*1.75P	10	1	2.6
HSK100A-M12-110	HSK100A	160	110	81	29	100	24	12.5	M12*1.75P	10	1	2.6
HSK100A-M16-75	HSK100A	125	75	46	29	100	29	17	M16*2.0P	10	2	2.3
HSK100A-M16-90	HSK100A	140	90	61	29	100	29	17	M16*2.0P	10	2	2.4
HSK100A-M16-110	HSK100A	160	110	81	29	100	29	17	M16*2.0P	10	2	2.5

HSK50A-M 锁牙式刀柄（斜柄） HSK50A-M THERADED CHUCK





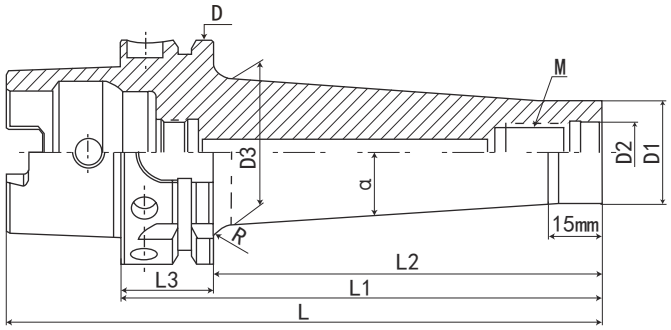


N21

规 格 Model	柄部 Handle	L	L1	L2	L3	D	D1	D2	D3	M	α	R	重量 KGS
HSK50A-M08-60-A5	HSK50A	85	60	34	26	50	15.4	8.5	18.5	M8*1.25P	5°	5	
HSK50A-M08-90-A5	HSK50A	115	90	64	26	50	15.4	8.5	23.5	M8*1.25P	5°	5	
HSK50A-M10-60-A4	HSK50A	85	60	34	26	50	19	10.5	21.5	M10*1.5P	4°	5	
HSK50A-M10-90-A4	HSK50A	115	90	64	26	50	19	10.5	25.5	M10*1.5P	4°	5	
HSK50A-M12-60-A4	HSK50A	85	60	34	26	50	24	12.5	26.5	M12*1.75P	4°	5	
HSK50A-M12-90-A4	HSK50A	115	90	64	26	50	24	12.5	31	M12*1.75P	4°	3	
HSK50A-M16-60-A4	HSK50A	85	60	34	26	50	29	17	31.5	M16*2.0P	4°	3	
HSK50A-M16-90-A4	HSK50A	115	90	64	26	50	29	17	36	M16*2.0P	4°	3	

HSK63A-M 锁牙式刀柄（斜柄） HSK63A-M THERADED CHUCK







N21

规 格 Model	柄部 Handle	L	L1	L2	L3	D	D1	D2	D3	M	α	R	重量 KGS
HSK63A-M08-60-A5	HSK63A	92	60	34	26	63	15.4	8.5	18	M8*1.25P	5°	5	
HSK63A-M08-90-A5	HSK63A	122	90	64	26	63	15.4	8.5	23	M8*1.25P	5°	5	
HSK63A-M08-110-A5	HSK63A	142	110	84	26	63	15.4	8.5	26.5	M8*1.25P	5°	5	
HSK63A-M08-150-A5	HSK63A	182	150	124	26	63	15.4	8.5	33.5	M8*1.25P	5°	5	
HSK63A-M08-200-A5	HSK63A	232	200	174	26	63	15.4	8.5	42.5	M8*1.25P	5°	5	
HSK63A-M10-60-A4	HSK63A	92	60	34	26	63	19	10.5	21	M10*1.5P	4°	5	
HSK63A-M10-90-A4	HSK63A	122	90	64	26	63	19	10.5	25	M10*1.5P	4°	5	
HSK63A-M10-110-A4	HSK63A	142	110	84	26	63	19	10.5	28	M10*1.5P	4°	5	
HSK63A-M10-150-A4	HSK63A	182	150	124	26	63	19	10.5	33.5	M10*1.5P	4°	5	
HSK63A-M10-200-A4	HSK63A	232	200	174	26	63	19	10.5	40.5	M10*1.5P	4°	5	1.6
HSK63A-M12-60-A4	HSK63A	92	60	34	26	63	24	12.5	26	M12*1.75P	4°	5	
HSK63A-M12-90-A4	HSK63A	122	90	64	26	63	24	12.5	30	M12*1.75P	4°	5	
HSK63A-M12-110-A4	HSK63A	142	110	84	26	63	24	12.5	33	M12*1.75P	4°	5	
HSK63A-M12-135-A4	HSK63A	167	135	109	26	63	24	12.5	36.5	M12*1.75P	4°	5	
HSK63A-M12-150-A4	HSK63A	182	150	124	26	63	24	12.5	38.5	M12*1.75P	4°	5	
HSK63A-M12-200-A4	HSK63A	232	200	174	26	63	24	12.5	45.5	M12*1.75P	4°	5	
HSK63A-M16-60-A4	HSK63A	92	60	34	26	63	29	17	31	M16*2.0P	4°	5	
HSK63A-M16-90-A4	HSK63A	122	90	64	26	63	29	17	35	M16*2.0P	4°	5	
HSK63A-M16-110-A4	HSK63A	142	110	84	26	63	29	17	38	M16*2.0P	4°	5	1.2
HSK63A-M16-135-A4	HSK63A	167	135	109	26	63	29	17	41.5	M16*2.0P	4°	5	
HSK63A-M16-150-A4	HSK63A	182	150	124	26	63	29	17	43.5	M16*2.0P	4°	5	
HSK63A-M16-200-A4	HSK63A	232	200	174	26	63	29	17	50.5	M16*2.0P	4°	5	2.3

HSK100A-M 锁牙式刀柄（斜柄） HSK100A-M THERADED CHUCK





FIG. 1

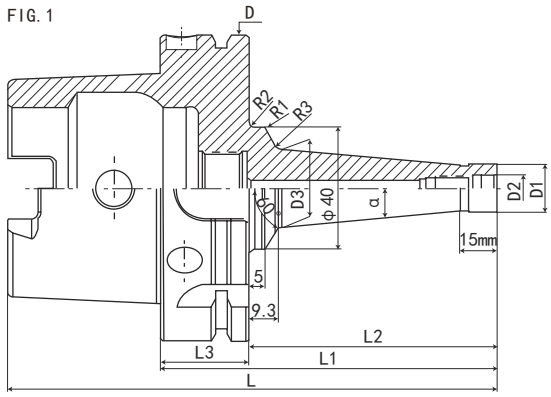
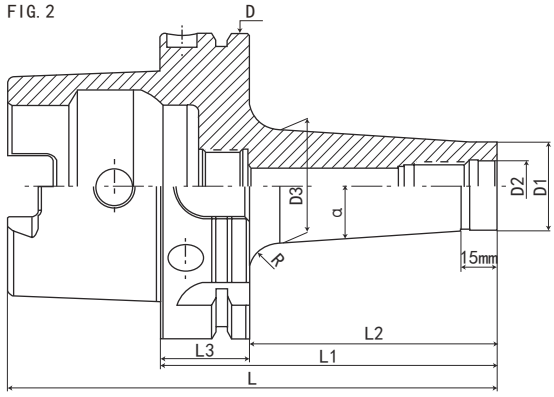


FIG. 2





N21

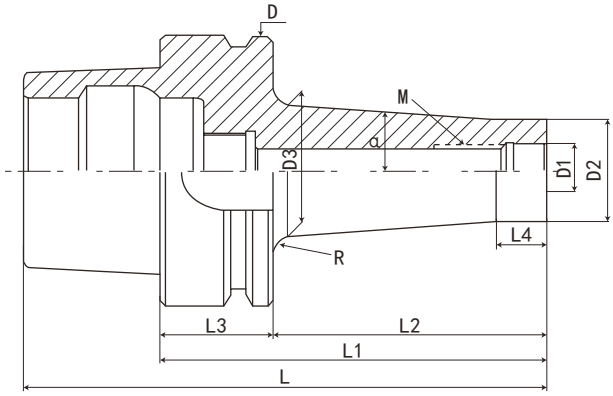
规 格 Model	柄部 Handle	L	L1	L2	L3	D	D1	D2	D3	M	α	R	FIG	重量 KGS
HSK100A-M08-75-A5	HSK100A	125	75	46	29	100	15.4	8.5	19	M8*1.25P	5°	10	1	2.4
HSK100A-M08-90-A5	HSK100A	140	90	61	29	100	15.4	8.5	21.5	M8*1.25P	5°	10	1	2.5
HSK100A-M08-110-A5	HSK100A	160	110	81	29	100	15.4	8.5	25	M8*1.25P	5°	10	1	2.5
HSK100A-M08-150-A5	HSK100A	200	150	121	29	100	15.4	8.5	32	M8*1.25P	5°	10	1	2.8
HSK100A-M08-200-A5	HSK100A	250	200	171	29	100	15.4	8.5	41	M8*1.25P	5°	10	1	3.3
HSK100A-M10-75-A4	HSK100A	125	75	46	29	100	19	10.5	22	M10*1.5P	4°	10	2	2.5
HSK100A-M10-90-A4	HSK100A	140	90	61	29	100	19	10.5	24	M10*1.5P	4°	10	2	2.5
HSK100A-M10-110-A4	HSK100A	160	110	81	29	100	19	10.5	27	M10*1.5P	4°	10	2	2.6
HSK100A-M10-150-A4	HSK100A	200	150	121	29	100	19	10.5	32.5	M10*1.5P	4°	10	2	2.8
HSK100A-M10-200-A4	HSK100A	250	200	171	29	100	19	10.5	39.5	M10*1.5P	4°	10	2	3.5
HSK100A-M12-75-A4	HSK100A	125	75	46	29	100	24	12.5	27	M12*1.75P	4°	10	2	2.5
HSK100A-M12-90-A4	HSK100A	140	90	61	29	100	24	12.5	29	M12*1.75P	4°	10	2	2.6
HSK100A-M12-110-A4	HSK100A	160	110	81	29	100	24	12.5	32	M12*1.75P	4°	10	2	2.5
HSK100A-M12-135-A4	HSK100A	185	135	106	29	100	24	12.5	35.5	M12*1.75P	4°	10	2	2.9
HSK100A-M12-150-A4	HSK100A	200	150	121	29	100	24	12.5	37.5	M12*1.75P	4°	10	2	3
HSK100A-M12-200-A4	HSK100A	250	200	171	29	100	24	12.5	44.5	M12*1.75P	4°	10	2	3.6
HSK100A-M16-75-A4	HSK100A	125	75	46	29	100	29	17	32	M16*2.0P	4°	10	2	2.5
HSK100A-M16-90-A4	HSK100A	140	90	61	29	100	29	17	34	M16*2.0P	4°	10	2	2.8
HSK100A-M16-110-A4	HSK100A	160	110	81	29	100	29	17	37	M16*2.0P	4°	10	2	2.6
HSK100A-M16-135-A4	HSK100A	185	135	106	29	100	29	17	40.5	M16*2.0P	4°	10	2	2.8
HSK100A-M16-150-A4	HSK100A	200	150	121	29	100	29	17	42.5	M16*2.0P	4°	10	2	3.1
HSK100A-M16-200-A4	HSK100A	250	200	171	29	100	29	17	49.5	M16*2.0P	4°	10	2	4

HSK40E-M 锁牙式刀柄（斜柄） HSK40E-M THERADED CHUCK





N21



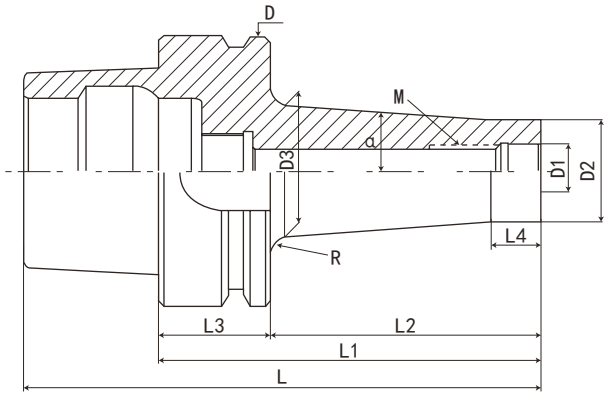
规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	D1	D2	D3	M	α	R	重量 KGS
HSK40E-M08-60	HSK40E	80	60	34	20	12	40	8.5	15.4	19.5	M8	5°	4	
HSK40E-M08-90	HSK40E	110	90	64	20	12	40	8.5	15.4	25	M8	5°	4	
HSK40E-M10-60	HSK40E	80	60	34	20	12	40	10.5	19	22.5	M10	4°	4	
HSK40E-M10-90	HSK40E	110	90	64	20	12	40	10.5	19	26.5	M10	4°	4	
HSK40E-M12-60	HSK40E	80	60	34	20	12	40	12.5	24	27.5	M12	4°	2	
HSK40E-M12-90	HSK40E	110	90	64	20	12	40	12.5	24	32	M12	4°	2	

HSK50E-M 锁牙式刀柄（斜柄） HSK50E-M THERADED CHUCK





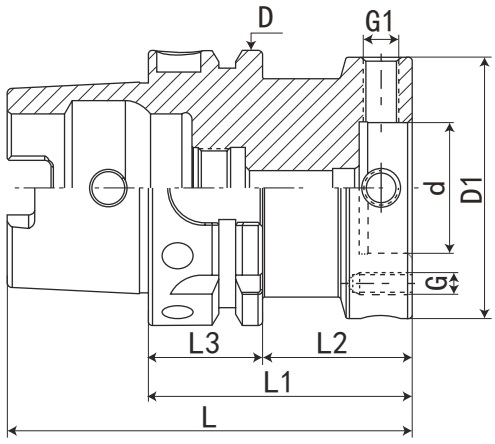
N21



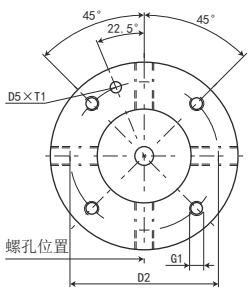
规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	D1	D2	D3	M	α	R	重量 KGS
HSK50E-M08-60	HSK50E	85	60	34	26	12	50	8.5	15.4	18.5	M8	5°	5	
HSK50E-M08-90	HSK50E	115	90	64	26	12	50	8.5	15.4	23.5	M8	5°	5	
HSK50E-M10-60	HSK50E	85	60	34	26	12	50	10.5	19	21.5	M10	4°	5	
HSK50E-M10-90	HSK50E	115	90	64	26	12	50	10.5	19	25.5	M10	4°	5	
HSK50E-M12-60	HSK50E	85	60	34	26	12	50	12.5	24	26.5	M12	4°	5	
HSK50E-M12-90	HSK50E	115	90	64	26	12	50	12.5	24	31	M12	4°	3	

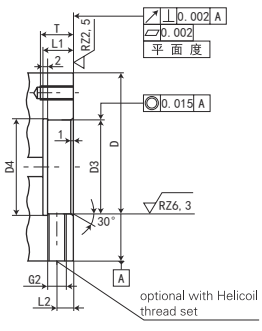
HSK-MOD 模块刀柄 HSK-MOD MODULAR TOOL HOLDER





规 格 Model	柄部 Handle	L	L1	L2	L3	D	D1	d	G1	G	重量 KGS
HSK40A-MOD060-060	HSK40A	80	60	40	20	40	60	30	M8*1.0P	M5*0.8P	0.75
HSK50A-MOD060-060	HSK50A	85	60	34	26	50	60	30	M8*1.0P	M5*0.8P	0.9
HSK50A-MOD070-060	HSK50A	85	60	34	26	50	70	35	M8*1.0P	M6*1.0P	1.05
HSK50A-MOD080-060	HSK50A	85	60	34	26	50	80	40	M8*1.0P	M6*1.0P	1.1
HSK63A-MOD060-060	HSK63A	92	60	34	26	63	60	30	M8*1.0P	M5*0.8P	1.3
HSK63A-MOD070-060	HSK63A	92	60	34	26	63	70	35	M8*1.0P	M6*1.0P	1.4
HSK63A-MOD080-060	HSK63A	92	60	34	26	63	80	40	M8*1.0P	M6*1.0P	1.5
HSK63A-MOD100-065	HSK63A	97	65	39	26	63	100	50	M10*1.0P	M8*1.25P	2.1
HSK63A-MOD117-065	HSK63A	97	65	39	26	63	117	60	M10*1.0P	M8*1.25P	2.5
HSK80A-MOD060-050	HSK80A	90	50	24	26	80	60	30	M8*1.0P	M5*0.8P	1.6
HSK80A-MOD070-060	HSK80A	100	60	34	26	80	70	35	M8*1.0P	M6*1.0P	2.05
HSK80A-MOD080-060	HSK80A	100	60	34	26	80	80	40	M8*1.0P	M6*1.0P	2.1
HSK80A-MOD100-065	HSK80A	105	65	39	26	80	100	50	M10*1.0P	M8*1.25P	2.6
HSK80A-MOD117-065	HSK80A	105	65	39	26	80	117	60	M10*1.0P	M8*1.25P	3.1
HSK80A-MOD140-075	HSK80A	115	75	49	26	80	140	80	M10*1.0P	M8*1.25P	4.2
HSK100A-MOD060-055	HSK100A	105	55	26	29	100	60	30	M8*1.0P	M5*0.8P	2.8
HSK100A-MOD070-055	HSK100A	105	55	26	29	100	70	35	M8*1.0P	M6*1.0P	2.8
HSK100A-MOD080-055	HSK100A	105	55	26	29	100	80	40	M8*1.0P	M6*1.0P	3.05
HSK100A-MOD100-065	HSK100A	115	65	34	29	100	100	50	M10*1.0P	M8*1.25P	3.7
HSK100A-MOD117-065	HSK100A	115	65	34	29	100	117	60	M10*1.0P	M8*1.25P	4.05
HSK100A-MOD140-075	HSK100A	125	75	46	29	100	140	80	M10*1.0P	M8*1.25P	5.2





Nominal size module diameter D	32 60	40 70	50 80	63 100	80 117	100 140	125 180	160 210
D2+/-0.1	44	53	63	79	96	119	150	185
D3F8	30	35	40	50	60	80	100	120
D4	31	36	41	51	61	81	101	121
D5	4.5	5	5	5	6	6	6	6
L1	12	12	12	14	14	14	24	37
L2	7	7	7	8	8	8	8	8
G1	M5	M6	M6	M8	M8	M10	M12	M12
G2	M8*1	M8*1	M8*1	M10*1	M10*1	M10*1	M10*1	M10*1
T	11	14	14	15	15	18	25	25
T1+0.5	3	3.5	3.5	3.5	4.5	4.5	4.5	4.5

MOD 法兰盘 MOD FLANGE PLATE



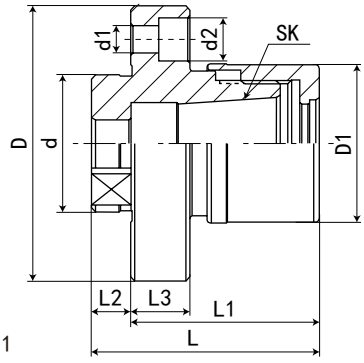
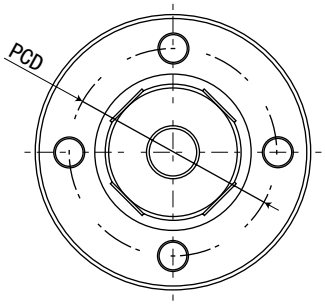


FIG. 1





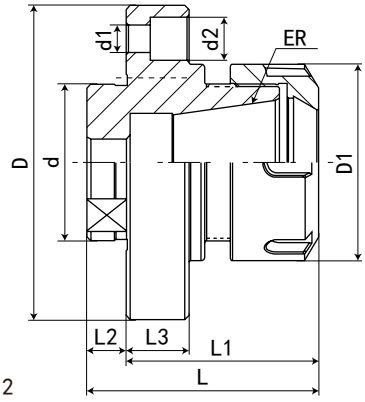
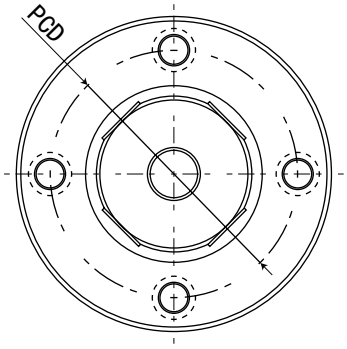


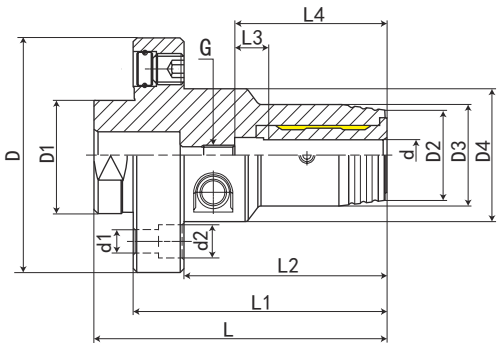
FIG. 2

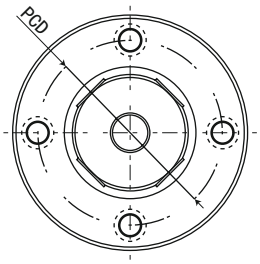


规 格 Model	D	D1	d	d1	d2	L	L1	L2	L3	PCD	FIG
MOD060-GSK16-48	60	40	30	6	9	58	48	10	15	44	1
MOD070-GSK16-48	70	40	35	7	11	58	48	10	15	53	1
MOD080-GSK16-49	80	40	40	7	11	59	49	10	16	63	1
MOD080-ER32-49	80	50	40	7	11	59	49	10	16	63	2
MOD100-ER40-63	100	63	50	9	14	75	63	12	18	79	2

MOD-HDC 法兰盘 MOD-HDC FLANGE PLATE



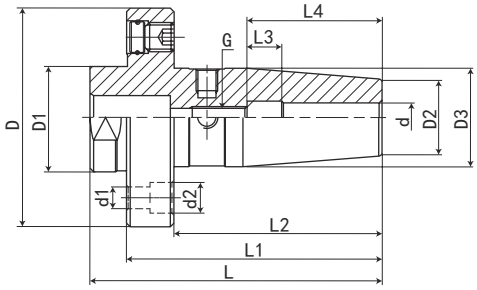


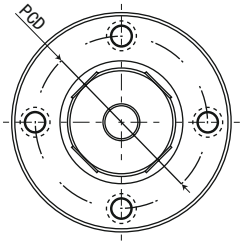


规格	L	L1	L2	L3	L4	D	D1	D2	D3	D4	d	d1	d2	PCD	G	重量 KGS
MOD060-HDC05-65	75	65	50	10	36	60	30	21	25	42	5	6	9	44	-	0.6
MOD060-HDC06-65	75	65	50	10	37	60	30	22	26	42	6	6	9	44	M5*0.8P	0.6
MOD060-HDC08-65	75	65	50	10	37	60	30	24	28	42	8	6	9	44	M6*1.0P	0.6
MOD060-HDC10-70	80	70	55	10	41	60	30	26	30	42	10	6	9	44	M8*1.0P	0.7
MOD060-HDC12-75	80	70	55	10	46	60	30	28	32	42	12	6	9	44	M10*1.0P	0.7
MOD070-HDC05-80	90	80	65	10	36	70	35	21	25	42	5	7	11	53	-	0.8
MOD070-HDC06-80	90	80	65	10	37	70	35	22	26	42	6	7	11	53	M5*0.8P	0.8
MOD070-HDC08-80	90	80	65	10	37	70	35	24	28	50	8	7	11	53	M6*1.0P	0.8
MOD070-HDC10-80	90	80	65	10	41	70	35	26	30	50	10	7	11	53	M8*1.0P	0.8
MOD070-HDC12-85	95	85	70	10	46	70	35	28	32	50	12	7	11	53	M10*1.0P	0.8
MOD080-HDC05-60	70	60	44	10	36	80	40	21	25	50	5	7	11	63	-	1.2
MOD080-HDC06-60	70	60	44	10	37	80	40	22	26	50	6	7	11	63	M5*0.8P	1.2
MOD080-HDC08-60	70	60	44	10	37	80	40	24	28	50	8	7	11	63	M6*1.0P	1.2
MOD080-HDC10-70	80	70	54	10	41	80	40	26	30	50	10	7	11	63	M8*1.0P	1.2
MOD080-HDC12-77.5	87.5	77.5	61.5	10	47.5	80	40	28	32	50	12	7	11	63	M10*1.0P	1.2
MOD080-HDC14-77.5	87.5	77.5	61.5	10	47.5	80	40	30	34	50	14	7	11	63	M10*1.0P	1.3
MOD080-HDC16-82.5	92.5	82.5	66.5	10	52.5	80	40	34	38	50	16	7	11	63	M12*1.0P	1.3
MOD080-HDC18-82.5	92.5	82.5	66.5	10	52.5	80	40	36	40	50	18	7	11	63	M12*1.0P	1.4
MOD080-HDC20-82.5	92.5	82.5	66.5	10	52.5	80	40	38	42	50	20	7	11	63	M16*1.0P	1.4
MOD100-HDC12-80	92	80	62	10	47.5	100	50	28	32	63	12	9	14	79	M10*1.0P	2.6
MOD100-HDC14-80	92	80	62	10	47.5	100	50	30	34	63	14	9	14	79	M10*1.0P	2.6
MOD100-HDC16-80	92	80	62	10	52.5	100	50	34	38	63	16	9	14	79	M12*1.0P	2.7
MOD100-HDC18-80	92	80	62	10	52.5	100	50	36	40	63	18	9	14	79	M12*1.0P	2.7
MOD100-HDC20-80	92	80	62	10	52.5	100	50	38	42	63	20	9	14	79	M16*1.0P	2.7
MOD100-HDC25-100	112	100	82	10	61.5	100	50	53	57	63	25	9	14	79	M16*1.0P	2.8
MOD100-HDC32-100	112	100	82	10	65	100	50	59	63	63	32	9	14	79	M16*1.0P	2.8
MOD117-HDC32-103		117		10	65	117	50	59	63	75	32				M16*1.0P	3.7

MOD-SF 法兰盘 MOD-SF FLANGE PLATE



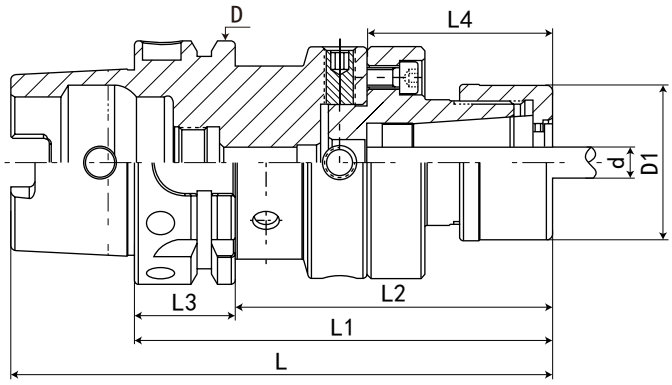




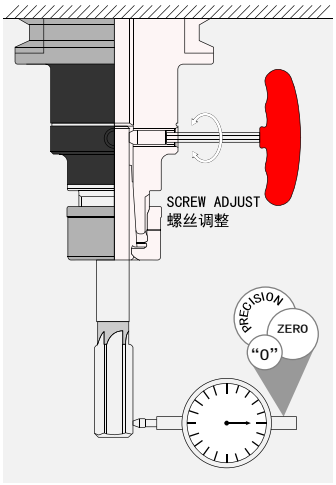
规格	L	L1	L2	L3	L4	D	D1	D2	D3	d	d1	d2	PCD	G	重量 KGS
MOD060-SF05-70	80	70	55	10	27	60	30	15	22	5	6	9	44	-	0.7
MOD060-SF06-70	80	70	55	10	36	60	30	21	27	6	6	9	44	M5*0.8P	0.7
MOD060-SF08-70	80	70	55	10	36	60	30	21	27	8	6	9	44	M6*1.0P	0.7
MOD060-SF10-70	80	70	55	10	41	60	30	24	32	10	6	9	44	M8*1.0P	0.7
MOD060-SF12-70	80	70	55	10	46	60	30	24	32	12	6	9	44	M10*1.0P	0.7
MOD070-SF05-75	85	75	60	10	36	70	35	15	22	5	7	11	53	-	1
MOD070-SF06-75	85	75	60	10	36	70	35	21	27	6	7	11	53	M5*0.8P	1
MOD070-SF08-75	85	75	60	10	36	70	35	21	27	8	7	11	53	M6*1.0P	1
MOD070-SF10-75	85	75	60	10	41	70	35	24	32	10	7	11	53	M8*1.0P	1
MOD070-SF12-75	85	75	60	10	46	70	35	24	32	12	7	11	53	M10*1.0P	1
MOD070-SF14-75	85	75	60	10	46	70	35	27	34	14	7	11	53	M10*1.0P	1
MOD070-SF16-75	85	75	60	10	49	70	35	27	34	16	7	11	53	M12*1.0P	1
MOD080-SF05-80	90	80	64	10	36	80	40	15	22	5	7	11	63	-	1.4
MOD080-SF06-80	90	80	64	10	36	80	40	21	27	6	7	11	63	M5*0.8P	1.4
MOD080-SF08-80	90	80	64	10	36	80	40	21	27	8	7	11	63	M6*1.0P	1.4
MOD080-SF10-80	90	80	64	10	41	80	40	24	32	10	7	11	63	M8*1.0P	1.4
MOD080-SF12-80	90	80	64	10	46	80	40	24	32	12	7	11	63	M10*1.0P	1.4
MOD080-SF14-80	90	80	64	10	46	80	40	27	34	14	7	11	63	M10*1.0P	1.4
MOD080-SF16-80	90	80	64	10	49	80	40	27	34	16	7	11	63	M12*1.0P	1.4
MOD080-SF18-80	90	80	64	10	49	80	40	33	42	18	7	11	63	M12*1.0P	1.4
MOD080-SF20-80	90	80	64	10	51	80	40	33	42	20	7	11	63	M16*1.0P	1.4
MOD100-SF12-80	92	80	62	10	46	100	50	24	32	12	9	14	79	M10*1.0P	2.3
MOD100-SF14-80	92	80	62	10	46	100	50	27	34	14	9	14	79	M10*1.0P	2.3
MOD100-SF16-80	92	80	62	10	49	100	50	27	34	16	9	14	79	M12*1.0P	2.3
MOD100-SF18-80	92	80	62	10	49	100	50	33	42	18	9	14	79	M12*1.0P	2.3
MOD100-SF20-80	92	80	62	10	51	100	50	33	42	20	9	14	79	M16*1.0P	2.3
MOD100-SF25-80	92	80	62	10	57	100	50	44	53	25	9	14	79	M16*1.0P	2.3
MOD100-SF32-80	92	80	62	10	61	100	50	44	53	32	9	14	79	M16*1.0P	2.3

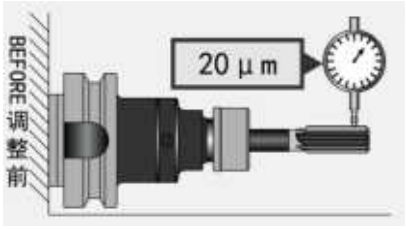
HSK-MOD 可调精度刀柄（铰刀专用） HSK-MOD ADJUSTABLE CHUCK（REAMER USING）

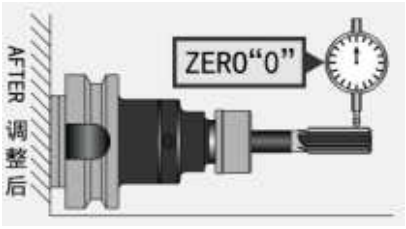




规 格 Model	L	L1	L2	L3	L4	D	D1	d 夹持范围 Range	弹性筒夹 Collets
HSK40A-MOD060-GSK16-108	128	108	88	20	48	40	40	3-16mm	GSK16
HSK50A-MOD060-GSK16-108	133	108	82	26	48	50	40	3-16mm	GSK16
HSK50A-MOD070-GSK16-108	133	108	82	26	48	50	40	3-16mm	GSK16
HSK50A-MOD080-ER32-109	134	109	83	26	49	50	50	2-20mm	ER32
HSK50A-MOD080-GSK16-109	134	109	83	26	49	50	40	3-16mm	GSK16
HSK63A-MOD060-GSK16-108	140	108	82	26	48	63	40	3-16mm	GSK16
HSK63A-MOD070-GSK16-108	140	108	82	26	48	63	40	3-16mm	GSK16
HSK63A-MOD080-ER32-109	141	109	83	26	49	63	50	2-20mm	ER32
HSK63A-MOD080-GSK16-109	141	109	83	26	49	63	40	3-16mm	GSK16
HSK63A-MOD100-ER40-128	160	128	102	26	63	63	63	2-26mm	ER40
HSK80A-MOD060-GSK16-98	138	98	72	26	48	80	40	3-16mm	GSK16
HSK80A-MOD070-GSK16-108	148	108	82	26	48	80	40	3-16mm	GSK16
HSK80A-MOD080-ER32-109	149	109	83	26	49	80	50	2-20mm	ER32
HSK80A-MOD080-GSK16-109	149	109	83	26	49	80	40	3-16mm	GSK16
HSK80A-MOD100-ER40-128	168	128	102	26	63	80	63	2-26mm	ER40
HSK100A-MOD060-GSK16-103	153	103	74	29	48	100	40	3-16mm	GSK16
HSK100A-MOD070-GSK16-103	153	103	74	29	48	100	40	3-16mm	GSK16
HSK100A-MOD080-ER32-104	154	104	75	29	49	100	50	2-20mm	ER32
HSK100A-MOD080-GSK16-104	154	104	75	29	49	100	40	3-16mm	GSK16
HSK100A-MOD100-ER40-128	178	128	99	29	63	100	63	2-26mm	ER40







特点：

◎刀尖位置可调至“0”位置

◎机械主轴、夹头、刀具的累计误差值可一次调整补正

Features:

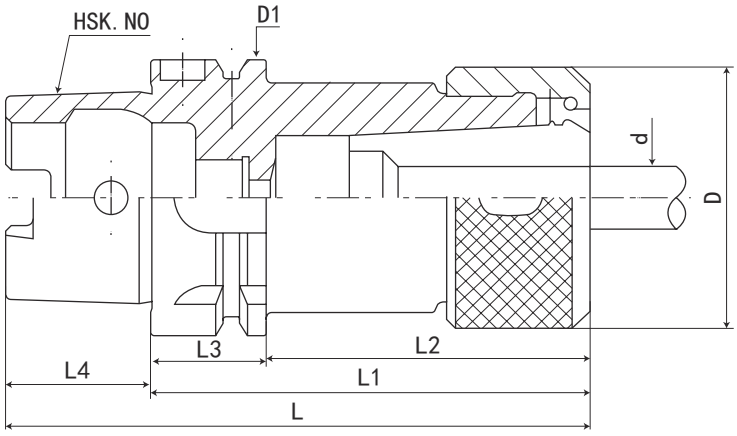
◎ The tool tip postition can be adjusted as “0” position.

◎ The accumulated error value of the spindle,the chuck,and the tool can all be adjusted and corrected at the same time.

数控刀柄系列 CNC TOOL SYSTEMS

HSK-OZ COLLET CHUCK

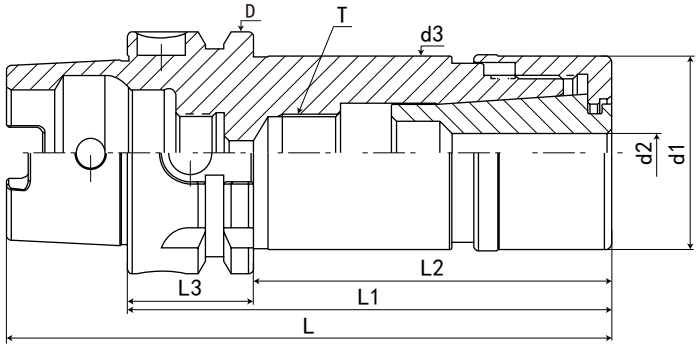




规 格 Model	L	L1	L2	L3	L4	D	D1	d	配套筒夹 Collet	夹持范围 Range	重量 KGS
HSK50A-OZ16-90	115	90	64	26	25	43	50	22.65	OZ16	2-16mm	
HSK50A-OZ20-100	125	100	74	26	25	50	50	27.4	OZ20	2-20mm	
HSK50A-OZ25-110	135	110	84	26	25	60	50	32.9	OZ25	2-25mm	
HSK63A-OZ16-100	132	100	74	26	32	43	63	22.65	OZ16	2-16mm	
HSK63A-OZ20-100	132	100	74	26	32	50	63	27.4	OZ20	2-20mm	
HSK63A-OZ25-100	132	100	74	26	32	60	63	32.9	OZ25	2-25mm	
HSK63A-OZ32-120	152	120	94	26	32	72	63	41.3	OZ32	4-32mm	
HSK80A-OZ20-110	150	110	84	26	40	50	80	27.4	OZ20	2-20mm	
HSK80A-OZ25-110	150	110	84	26	40	60	80	32.9	OZ25	2-25mm	
HSK80A-OZ32-125	165	125	99	26	40	72	80	41.3	OZ32	4-32mm	
HSK100A-OZ16-110	160	110	81	29	50	43	100	22.65	OZ16	2-16mm	
HSK100A-OZ20-110	160	110	81	29	50	50	100	27.4	OZ20	2-20mm	
HSK100A-OZ25-120	170	120	91	29	50	60	100	32.9	OZ25	2-25mm	
HSK100A-OZ32-130	180	130	101	29	50	72	100	41.3	OZ32	4-32mm	

HSK32A-GSK 筒夹刀柄 HSK32A-GSK COLLET CHUCK






J31

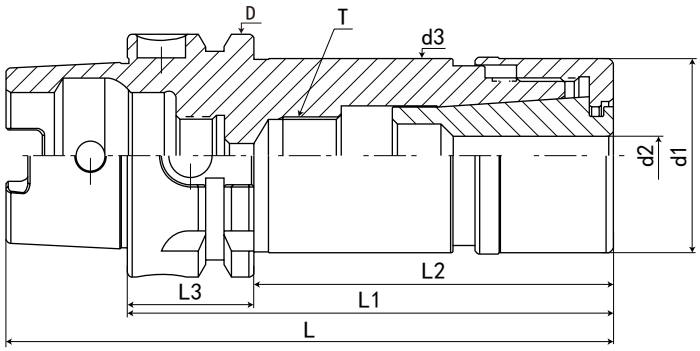

J13


J33

规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	d3	T	重量 KGS
HSK32A-GSK06-60	HSK32A	76	60	40	20	32	19.5	2-6mm	20	M10*1.0P	
HSK32A-GSK10-60	HSK32A	76	60	40	20	32	27.5	2-10mm	28	M10*1.0P	
HSK32A-GSK13-60	HSK32A	76	60	40	20	32	33	2-13mm	33	M16*1.0P	
HSK32A-GSK16-60	HSK32A	76	60	40	20	32	40	2-16mm	40	M16*1.0P	

HSK40A-GSK 筒夹刀柄 HSK40A-GSK COLLET CHUCK






J31

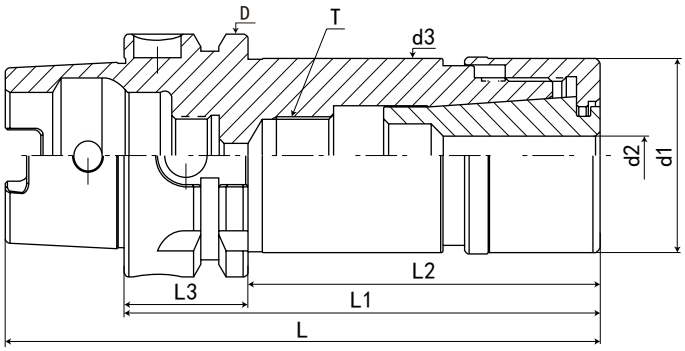

J13


J33

规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	d3	T	重量 KGS
HSK40A-GSK06-60	HSK40A	80	60	40	20	40	19.5	2-6mm	20	M10*1.0P	
HSK40A-GSK06-100	HSK40A	120	100	80	20	40	19.5	2-6mm	20	M10*1.0P	
HSK40A-GSK10-60	HSK40A	80	60	40	20	40	27.5	2-10mm	28	M10*1.0P	
HSK40A-GSK10-100	HSK40A	120	100	80	20	40	27.5	2-10mm	28	M10*1.0P	
HSK40A-GSK13-60	HSK40A	80	60	40	20	40	33	2-13mm	33	M16*1.0P	
HSK40A-GSK13-100	HSK40A	120	100	80	20	40	33	2-13mm	33	M16*1.0P	
HSK40A-GSK16-60	HSK40A	80	60	40	20	40	40	2-16mm	40	M16*1.0P	
HSK40A-GSK16-100	HSK40A	120	100	80	20	40	40	2-16mm	40	M16*1.0P	

HSK50A-GSK 筒夹刀柄 HSK50A-GSK COLLET CHUCK






J31

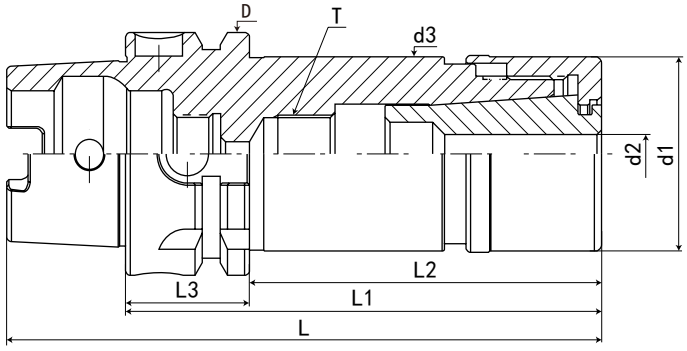

J13


J33

规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	d3	T	重量 KGS
HSK50A-GSK06-60	HSK50A	85	60	34	26	50	19.5	2-6mm	20	M10*1.0P	
HSK50A-GSK06-100	HSK50A	125	100	74	26	50	19.5	2-6mm	20	M10*1.0P	
HSK50A-GSK06-120	HSK50A	145	120	94	26	50	19.5	2-6mm	20	M10*1.0P	
HSK50A-GSK10-60	HSK50A	85	60	34	26	50	27.5	2-10mm	28	M10*1.0P	
HSK50A-GSK10-100	HSK50A	125	100	74	26	50	27.5	2-10mm	28	M10*1.0P	
HSK50A-GSK10-120	HSK50A	145	120	94	26	50	27.5	2-10mm	28	M10*1.0P	
HSK50A-GSK13-60	HSK50A	85	60	34	26	50	33	2-13mm	33	M16*1.0P	
HSK50A-GSK13-100	HSK50A	125	100	74	26	50	33	2-13mm	33	M16*1.0P	
HSK50A-GSK13-120	HSK50A	145	120	94	26	50	33	2-13mm	33	M16*1.0P	
HSK50A-GSK16-60	HSK50A	85	60	34	26	50	40	2-16mm	40	M16*1.0P	
HSK50A-GSK16-100	HSK50A	125	100	74	26	50	40	2-16mm	40	M16*1.0P	
HSK50A-GSK16-120	HSK50A	145	120	94	26	50	40	2-16mm	40	M16*1.0P	

HSK63A-GSK 筒夹刀柄 HSK63A-GSK COLLET CHUCK






J31

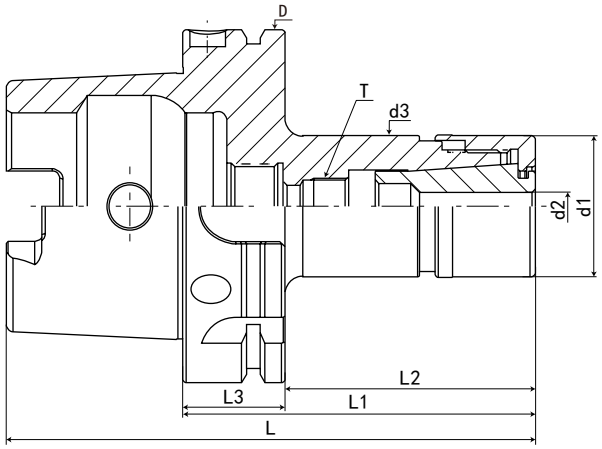

J13


J33

规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	d3	T	重量 KGS
HSK63A-GSK06-70	HSK63A	102	70	44	26	63	19.5	2-6mm	20	M10*1.0P	1
HSK63A-GSK06-100	HSK63A	132	100	74	26	63	19.5	2-6mm	20	M10*1.0P	1
HSK63A-GSK06-120	HSK63A	152	120	94	26	63	19.5	2-6mm	20	M10*1.0P	
HSK63A-GSK06-150	HSK63A	182	150	124	26	63	19.5	2-6mm	20	M10*1.0P	
HSK63A-GSK10-70	HSK63A	102	70	44	26	63	27.5	2-10mm	28	M10*1.0P	1
HSK63A-GSK10-100	HSK63A	132	100	74	26	63	27.5	2-10mm	28	M10*1.0P	1
HSK63A-GSK10-120	HSK63A	152	120	94	26	63	27.5	2-10mm	28	M10*1.0P	
HSK63A-GSK10-150	HSK63A	182	150	124	26	63	27.5	2-10mm	28	M10*1.0P	1.5
HSK63A-GSK10-200	HSK63A	232	200	174	26	63	27.5	2-10mm	28	M10*1.0P	1.5
HSK63A-GSK13-70	HSK63A	102	70	44	26	63	33	2-13mm	33	M16*1.0P	
HSK63A-GSK13-100	HSK63A	132	100	74	26	63	33	2-13mm	33	M16*1.0P	
HSK63A-GSK13-120	HSK63A	152	120	94	26	63	33	2-13mm	33	M16*1.0P	
-HSK63A-GSK13-150	HSK63A	182	150	124	26	63	33	2-13mm	33	M16*1.0P	
HSK63A-GSK13-200	HSK63A	232	200	174	26	63	33	2-13mm	33	M16*1.0P	
HSK63A-GSK16-75	HSK63A	107	75	49	26	63	40	2-16mm	40	M16*1.0P	1
HSK63A-GSK16-100	HSK63A	132	100	74	26	63	40	2-16mm	40	M16*1.0P	1.5
HSK63A-GSK16-120	HSK63A	152	120	94	26	63	40	2-16mm	40	M16*1.0P	
HSK63A-GSK16-150	HSK63A	182	150	124	26	63	40	2-16mm	40	M16*1.0P	2
HSK63A-GSK16-200	HSK63A	232	200	174	26	63	40	2-16mm	40	M16*1.0P	2.2
HSK63A-GSK20-100	HSK63A	132	100	74	26	63	48	2-20mm	48	M16*1.0P	1.5
HSK63A-GSK20-150	HSK63A	182	150	124	26	63	48	2-20mm	48	M16*1.0P	2.1
HSK63A-GSK20-200	HSK63A	232	200	174	26	63	48	2-20mm	48	M16*1.0P	2.8
HSK63A-GSK25-100	HSK63A	132	100	74	26	63	50	2-25mm	50	M18*1.0P	1.5

HSK80A-GSK 筒夹刀柄 HSK80A-GSK COLLET CHUCK






J31


J13


J33

规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	d3	T	重量 KGS
HSK80A-GSK10-100	HSK80A	140	100	74	26	80	27.5	2-10mm	28	M10*1.0P	
HSK80A-GSK13-100	HSK80A	140	100	74	26	80	33	2-13mm	35	M16*1.0P	
HSK80A-GSK16-100	HSK80A	140	100	74	26	80	40	2-16mm	40	M16*1.0P	
HSK80A-GSK20-100	HSK80A	140	100	74	26	80	48	2-20mm	48	M16*1.0P	
HSK80A-GSK25-100	HSK80A	140	100	74	26	80	50	2-25mm	55	M18*1.0P	

HSK100A-GSK 筒夹刀柄 HSK100A-GSK COLLET CHUCK



FIG. 1

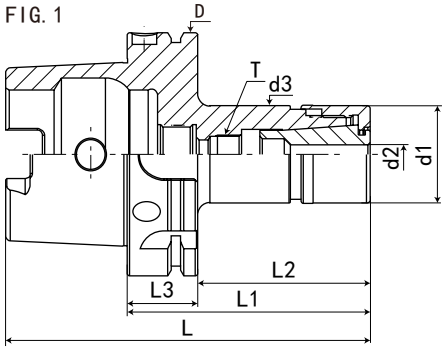
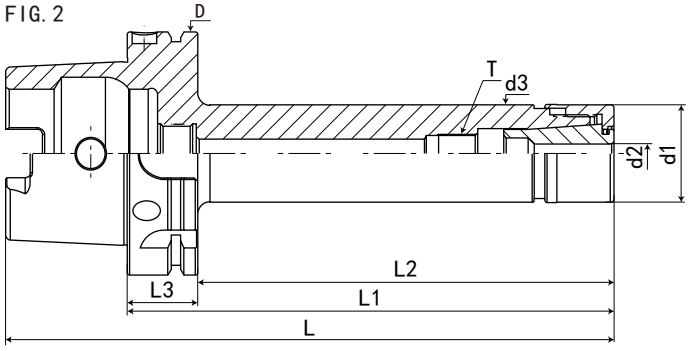


FIG. 2




J31

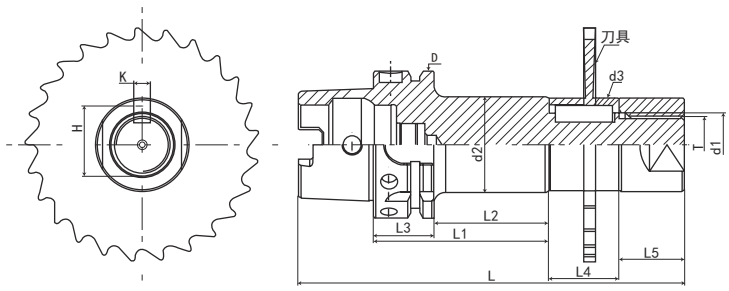

J13


J33

规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	d3	T	FIG	重量 KGS
HSK100A-GSK10-100	HSK100A	150	100	71	29	100	27.5	2-10mm	28	M10*1.0P	1	
HSK100A-GSK10-150	HSK100A	200	150	121	29	100	27.5	2-10mm	28	M10*1.0P	2	
HSK100A-GSK10-200	HSK100A	250	200	171	29	100	27.5	2-10mm	28	M10*1.0P	2	
HSK100A-GSK10-250	HSK100A	300	250	221	29	100	27.5	2-10mm	28	M10*1.0P	2	
HSK100A-GSK10-300	HSK100A	350	300	271	29	100	27.5	2-10mm	28	M10*1.0P	2	
HSK100A-GSK13-100	HSK100A	150	100	71	29	100	33	2-13mm	33	M16*1.0P	1	
HSK100A-GSK13-150	HSK100A	200	150	121	29	100	33	2-13mm	33	M16*1.0P	2	
HSK100A-GSK13-200	HSK100A	250	200	171	29	100	33	2-13mm	33	M16*1.0P	2	
HSK100A-GSK13-250	HSK100A	300	250	221	29	100	33	2-13mm	33	M16*1.0P	2	
HSK100A-GSK13-300	HSK100A	350	300	271	29	100	33	2-13mm	33	M16*1.0P	2	
HSK100A-GSK16-100	HSK100A	150	100	71	29	100	40	2-16mm	40	M16*1.0P	1	
HSK100A-GSK16-150	HSK100A	200	150	121	29	100	40	2-16mm	40	M16*1.0P	2	
HSK100A-GSK16-200	HSK100A	250	200	171	29	100	40	2-16mm	40	M16*1.0P	2	
HSK100A-GSK16-250	HSK100A	300	250	221	29	100	40	2-16mm	40	M16*1.0P	2	
HSK100A-GSK16-300	HSK100A	350	300	271	29	100	40	2-16mm	40	M16*1.0P	2	
HSK100A-GSK20-100	HSK100A	150	100	71	29	100	48	2-20mm	48	M16*1.0P	1	
HSK100A-GSK20-150	HSK100A	200	150	121	29	100	48	2-20mm	48	M16*1.0P	2	
HSK100A-GSK20-200	HSK100A	250	200	171	29	100	48	2-20mm	48	M16*1.0P	2	
HSK100A-GSK20-250	HSK100A	300	250	221	29	100	48	2-20mm	48	M16*1.0P	2	
HSK100A-GSK20-300	HSK100A	350	300	271	29	100	48	2-20mm	48	M16*1.0P	2	
HSK100A-GSK25-100	HSK100A	150	100	71	29	100	50	2-25mm	50	M18*1.0P	1	
HSK100A-GSK25-150	HSK100A	200	150	121	29	100	50	2-25mm	50	M18*1.0P	2	
HSK100A-GSK25-200	HSK100A	250	200	171	29	100	50	2-25mm	50	M18*1.0P	2	
HSK100A-GSK25-250	HSK100A	300	250	221	29	100	50	2-25mm	50	M18*1.0P	2	
HSK100A-GSK25-300	HSK100A	350	300	271	29	100	50	2-25mm	50	M18*1.0P	2	

HSK63A-SCA 侧铣刀柄 HSK63A-SCA SIDE CUTTER ADAPTET

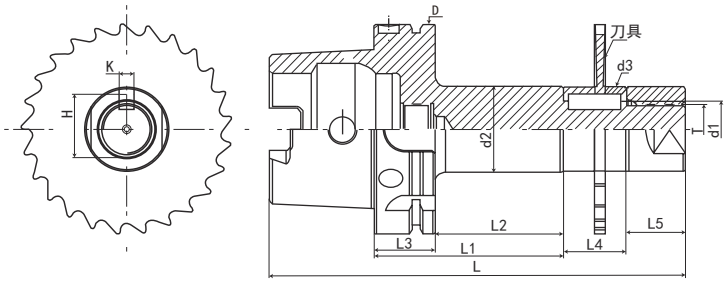




规 格 Model	柄部 Handle	L	L1	L2	L3	L4	L5	D	d1	d2	d3	K	H	T	重量 KGS
HSK63A-SCA16-60	HSK63A	138	60	34	26	30	16	63	16	26	26	4	17.7	M14*1.5P	
HSK63A-SCA22-60	HSK63A	144	60	34	26	30	22	63	22	34	34	6	24.3	M20*1.5P	
HSK63A-SCA22-120	HSK63A	204	120	94	26	30	22	63	22	34	34	6	24.3	M20*1.5P	
HSK63A-SCA27-75	HSK63A	165	75	49	26	30	28	63	27	40	40	7	30	M24*1.5P	
HSK63A-SCA27-120	HSK63A	165	120	94	26	30	28	63	27	40	40	7	30	M24*1.5P	
HSK63A-SCA32-90	HSK63A	184	90	64	26	30	32	63	32	47	47	8	35	M30*1.5P	
HSK63A-SCA32-120	HSK63A	214	120	94	26	30	32	63	32	47	47	8	35	M30*1.5P	
HSK63A-SCA40-90	HSK63A	192	90	64	26	30	40	63	40	55	55	10	43.7	M36*1.5P	

HSK100A-SCA 侧铣刀柄 HSK100A-SCA SIDE CUTTER ADAPTET

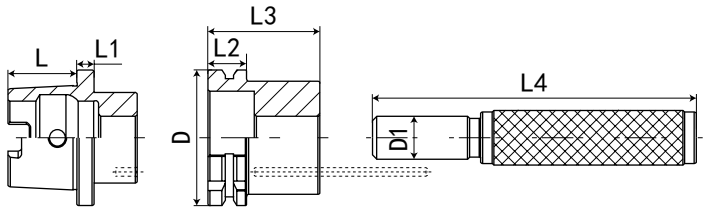




规 格 Model	柄部 Handle	L	L1	L2	L3	L4	L5	D	d1	d2	d3	K	H	T	重量 KGS
HSK100A-SCA22-90	HSK100A	192	90	61	29	30	22	100	22	34	34	6	24.3	M20*1.5P	
HSK100A-SCA22-135	HSK100A	237	135	106	29	30	22	100	22	34	34	6	24.3	M20*1.5P	
HSK100A-SCA27-90	HSK100A	198	90	61	29	30	28	100	27	40	40	7	30	M24*1.5P	
HSK100A-SCA27-135	HSK100A	243	135	106	29	30	28	100	27	40	40	7	30	M24*1.5P	
HSK100A-SCA32-90	HSK100A	202	90	61	29	30	32	100	32	47	47	8	35	M30*1.5P	
HSK100A-SCA32-135	HSK100A	247	135	106	29	30	32	100	32	47	47	8	35	M30*1.5P	
HSK100A-SCA40-90	HSK100A	210	90	61	29	30	40	100	40	55	55	10	43.7	M36*2.0P	
HSK100A-SCA40-135	HSK100A	255	135	106	29	30	40	100	40	55	55	10	43.7	M36*2.0P	

HSK 三点组合校刀器 HSK THREE-POINT COMBINED TOOL CALIBRATOR

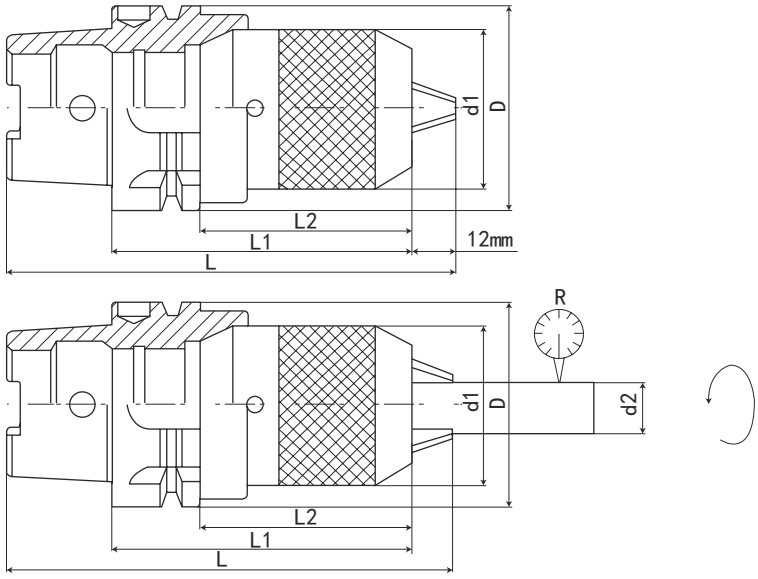




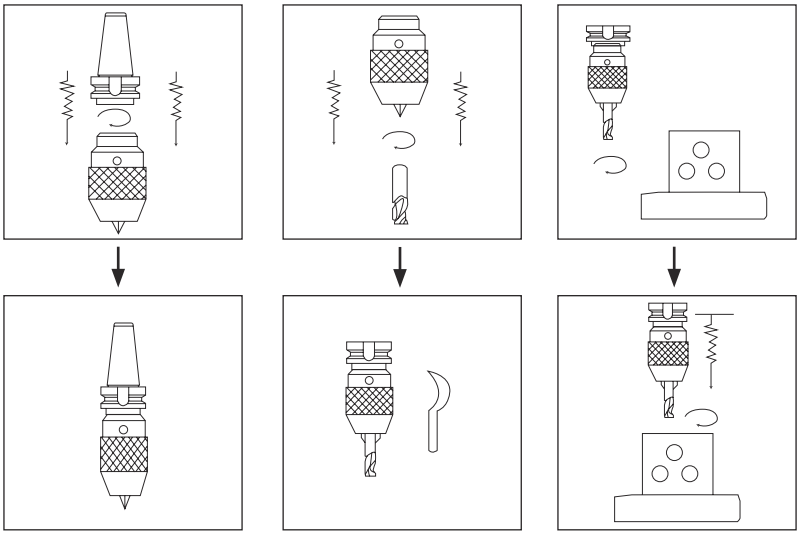
规格 / 型号 Model	D	D1	L	L1	L2	L3	L4	M
HSK40A-ATC	40	24	20	8	12	22	130	M8
HSK50A-ATC	50	28	25	8	18	28	130	M8
HSK63A-ATC	63	30	32	8	18	30	150	M8
HSK100A-ATC	100	40	50	10	19	45	150	M10

HSK(A 型）/SPU 直结式钻头刀杆 HSK（A）SPU DRILL CHUCK ADAPTER





规格 / 型号 Model	L	L1	L2	D	d1	d2	R	重量（KGS）
HSK40A-APU08-120	152	120	100	40	37	8	0.05	1.1
HSK50A-APU08-120	157	120	94	50	37	8	0.05	1.3
HSK50A-APU13-150	187	150	124	50	50	13	0.05	1.5
HSK50A-APU16-150	187	150	124	50	57	16	0.05	1.7
HSK63A-APU08-120	164	120	94	63	37	8	0.05	1.8
HSK63A-APU13-150	194	150	124	63	50	13	0.05	2.29
HSK63A-APU16-160	204	160	134	63	57	16	0.05	2.76
HSK100A-APU13-150	212	150	121	100	50	13	0.05	3.85
HSK100A-APU16-160	222	160	131	100	57	16	0.05	4.32



本产品因为增加了多层安全性设计，能提供给综合切削中心使用，在电脑操作的全自动作业中，以及无人化管理的整个流程，都能安全及顺利地进行。
Because of the multi-layer safety design, this product can be used safely and smoothly during the fully automatic and unmanned operation of the machining center

防止夹头脱落
内部螺纹锁紧设计
可用于重切削及高速切削
钻头绝不脱落
可加工较高工件
增加机器使用范围
To prevent chuck off
Internal thread locking design
Used for heavy cutting and high-speed cutting
The bit will never fall off
Machinable higher workpiece
Increased machine use

特点：

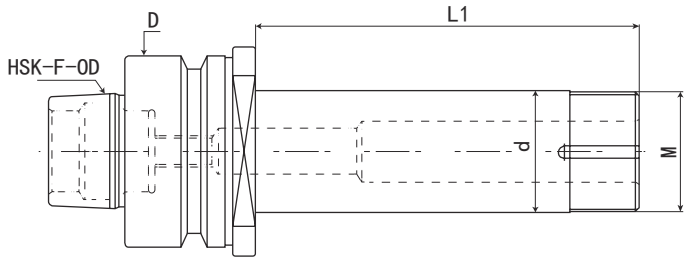
◎本产品因为增加了多层安全性设计，能提供给综合切削中心机使用，在电脑操作的全自动作业中，以及无人化的管理整个流程，都能够安全及顺利地进行。

Features:

◎ This product adds multi safety desing,able to provide for Machine Center,in full automatic operation control by computer,and unmanned management process,can be processed safely and smoothly.

HSK-F-OD 砂轮杆 HSK-F-OD GRINDING WHEEL BAR

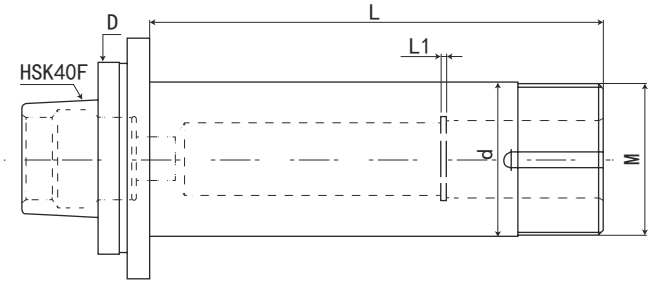




规格 / 型号 Model	D	d	L1	M
HSK40F-OD31.75-75	40	31.75	75	M31.5*1.5
HSK40F-OD31.75-95	40	31.75	95	M31.5*1.5
HSK50F-OD31.75-85	50	31.75	85	M31.5*1.5
HSK50F-OD31.75-100	50	31.75	100	M31.5*1.5

HSK-40FC-OD 砂轮杆 HSK-40FC-OD GRINDING WHEEL BAR

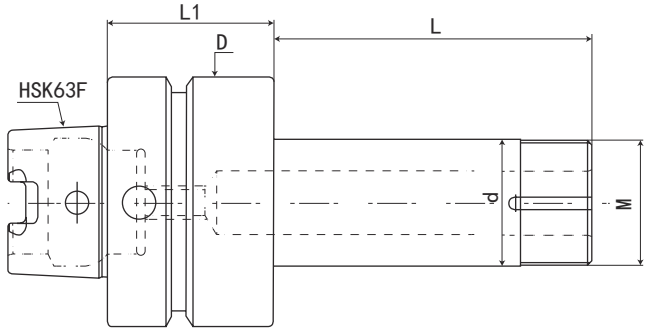




规格 / 型号 Model	D	d	L	L1	M
HSK40FC-OD20-95-A	40	20	95	-	M20*1.5
HSK40FC-OD31.75-95-A	40	31.75	95	-	M31.5*1.5
HSK40FC-OD31.75-95-B	40	31.75	95	1	M31.5*1.5

HSK63F-OD 砂轮杆 HSK63F-OD GRINDING WHEEL BAR

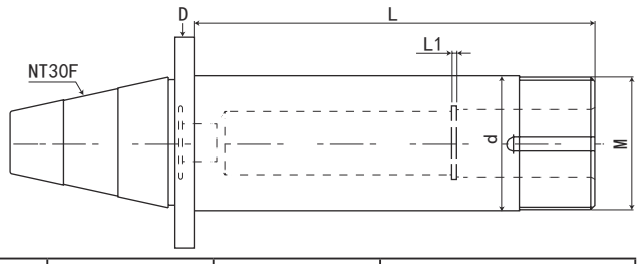




规格 / 型号 Model	D	d	L	L1	M
HSK63F-OD31.75-80	63	31.75	80	42	M31.5*1.5
HSK63F-OD31.75-80L	63	31.75	80	42	M31.5*1.5 左

NT30F-OD 砂轮杆 NT30F-OD GRINDING WHEEL BAR

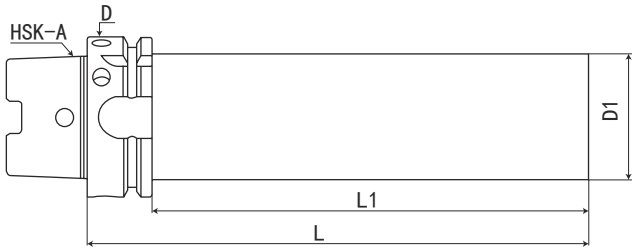




规格 / 型号 Model	D	d	L	L1	M
NT30F-OD31.75-80	44	31.75	80	1	M31.5*1.5

HSK-A 测试棒 HSK-A TEST BAR

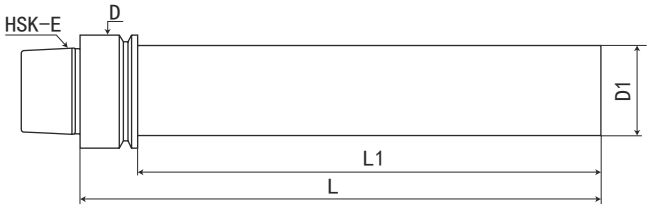




规格 / 型号 Model	L	L1	D	D1
HSK40A-D32-180	180	160	40	32
HSK50A-D32-240	240	214	50	32
HSK63A-D50-200	200	174	63	50
HSK63A-D50-350	350	324	63	50
HSK80A-D50-300	300	274	80	50
HSK80A-D50-350	350	324	80	50
HSK100A-D50-200	200	171	100	50
HSK100A-D50-350	350	321	100	50

HSK-E 测试棒 HSK-E TEST BAR

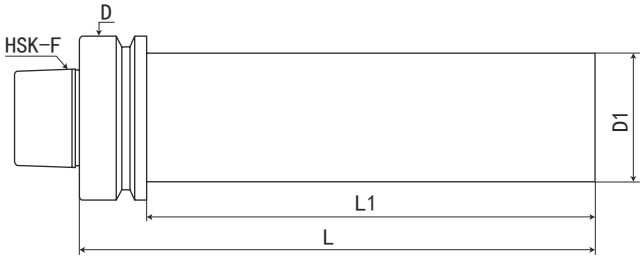




规格 / 型号 Model	L	L1	D	D1
HSK25E-D20-175	175	165	25	20
HSK32E-D20-180	180	160	32	20
HSK40E-D32-180	180	160	40	32
HSK50E-D32-240	240	214	50	32

HSK-63F 测试棒 HSK-63F TEST BAR



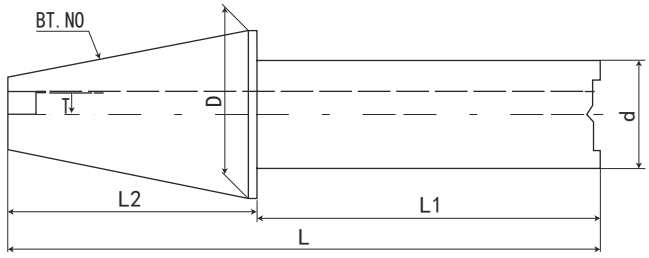


规格 / 型号 Model	L	L1	D	D1
HSK63F-D50-200	200	174	63	50
HSK63F-D50-350	350	324	63	50

数控刀柄系列 CNC TOOL SYSTEMS

BT 机床主轴测试棒 BT TEST BAR

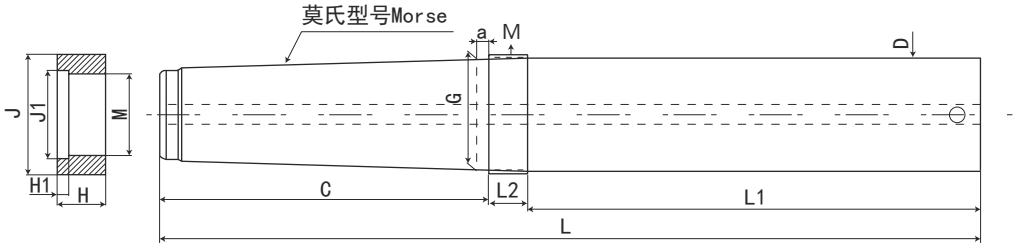




规格 / 型号 Model	BT.NO	D	L	L1	L2	d	T	精度 Accuracy
BT30-D32-250	BT30	31.75	305	250	55	32	M12×1.75P	0.003
BT40-D40-250	BT40	44.45	322	250	72	40	M16×2.0P	0.003
BT40-D40-300	BT40	44.45	372	300	72	40	M16×2.0P	0.003
BT50-D40-250	BT50	69.85	357	250	107	40	M24×3.0P	0.003
BT50-D40-300	BT50	69.85	407	300	107	40	M24×3.0P	0.003
BT60-D60-400	BT60	107.95	570	400	170	60	M30×3.5P	0.003
规格 / 型号 Mode	SK.NO	D	L	L1	L2	d	T	精度 Accuracy
SK30-D32-250	SK30	31.75	305	250	55	32	M12×1.75P	0.003
SK40-D40-250	SK40	44.45	322	250	72	40	M16×2.0P	0.003
SK40-D40-300	SK40	44.45	372	300	72	40	M16×2.0P	0.003
SK50-D40-250	SK50	69.85	357	250	107	40	M24×3.0P	0.003
SK50-D40-300	SK50	69.85	407	300	107	40	M24×3.0P	0.003
SK50-D50-350	SK50	69.85	457	350	107	50	M24×3.0P	0.003
SK60-D60-400	SK60	107.95	570	400	170	60	M30×3.5P	0.003
规格 / 型号 Mode	CAT.NO	D	L	L1	L2	d	T	精度 Accuracy
CAT30-D32-250	SK30	31.75	305	250	55	32	M12×1.75P	0.003
CAT40-D40-250	SK40	44.45	322	250	72	40	M16×2.0P	0.003
CAT40-D40-300	SK40	44.45	372	300	72	40	M16×2.0P	0.003
CAT50-D40-250	SK50	69.85	357	250	107	40	M24×3.0P	0.003
CAT50-D40-300	SK50	69.85	407	300	107	40	M24×3.0P	0.003
CAT60-D60-400	SK60	107.95	570	400	170	60	M30×3.5P	0.003

MT 机床主轴莫氏测试棒 MT MORSE TAPER TEST BAR

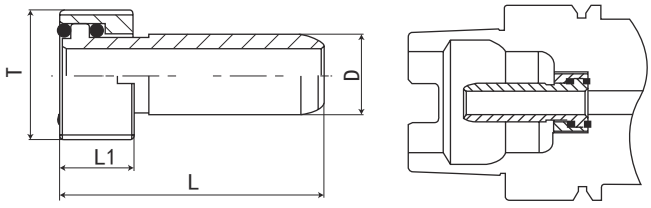




规格 / 型号 Model	莫氏型号 Morse	C	L	L1	L2	G	a	D	M	J	J1	H	H1
MT3-D25-200	MT3	86	311	200	25	23.825	5	25	M30*1.5P	48	31	32	6
MT4-D30-250	MT4	109	384	250	25	31.267	6.5	30	M36*2P	54	38	25	7
MT5-D40-300	MT5	136	466	300	30	44.399	6.5	40	M47*2.0P	63	49	30	7
MT6-D60-400	MT6	190	620	400	30	63.348	8	60	M68*2.0P	88	70	30	7
公制 80-D60-400	公制 80-1:20	204	634	400	30	80.00	8	60	M84*2.0P	118	86	30	10

HSK 内冷管 HSK COOLANT PIPE



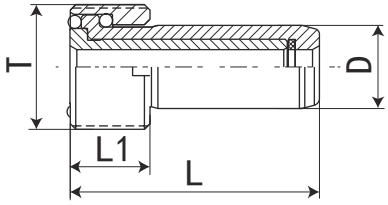


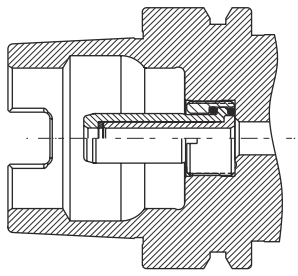
使用图示

规格 / 型号 Model	L	L1	D	T	重量 KGS
HSK32-CP	26	5.5	6	M10*1.0P	0.01
HSK40-CP	29.3	7.5	8	M12*1.0P	0.01
HSK50-CP	33	9.5	10	M16*1.0P	0.02
HSK63-CP	36.6	11.5	12	M18*1.0P	0.02
HSK100-CP	44	15.5	16	M24*1.5P	0.06

HSK 内冷管（不锈钢过滤网） HSK COLLANT PIPE （ STAINLESS STEEL STRAINER）



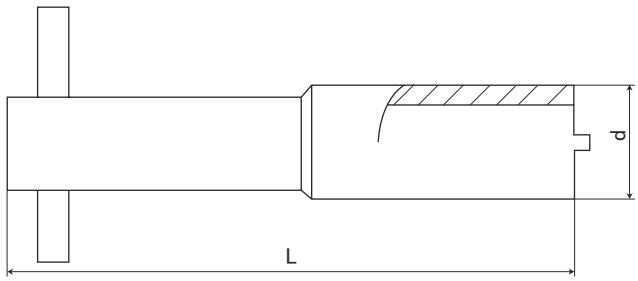




规格 / 型号 Model	L	L1	D	T	重量 KGS
HSK63-CP	36.6	11.5	12	M18*1.0P	0.02
HSK100-CP	44	15.5	16	M24*1.5P	0.06

HSK 内冷管专用扳手 HSK COOLANT WRENCH





HSK 内冷管锁紧扳手

规格 / 型号 Model	L	d	重量 KGS
HSK32-CPW	90	13.5	0.10
HSK40-CPW	90	13.5	0.12
HSK50-CPW	95	15.5	0.14
HSK63-CPW	100	18	0.14
HSK100-CPW	125	24	0.32

HSK50A-HSK 转换套（内置螺丝） HSK50A-HSK CONVERSION SLEEVE (BUILT-IN SCREW)



FIG. 1

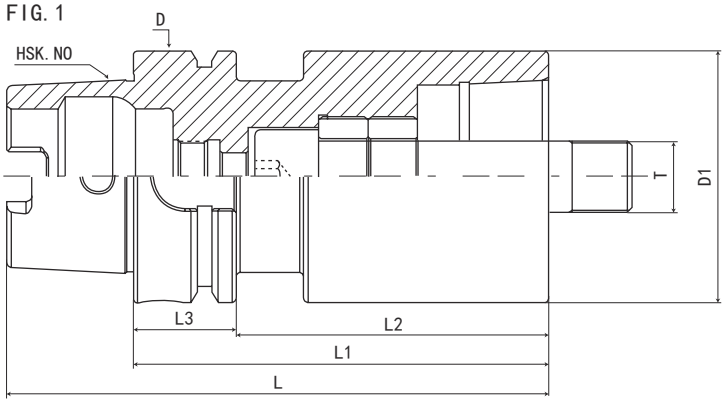
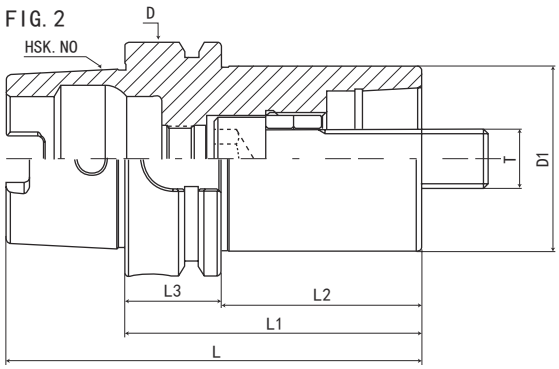


FIG. 2



规格 Model	L	L1	L2	L3	T	D	D1	FIG	重量 KGS
HSK50A-HSK50C-80S	105	80	54	26	M16*1	50	50	1	
HSK50A-HSK40C-70S	95	70	44	26	M12*1	50	40	2	
HSK50A-HSK32C-45S	70	45	19	26	M10*1	50	32	2	

HSK50A - HSK - 50C - 80 - S

- S → 内置螺丝 Built-in screw
- 80 → L1 长度 Length(L1)
- 50C → 接口大小 Collect model
- HSK → 功能代号 Holder type
- HSK50A → 锥柄形式 Taper size

HSK63A-HSK 转换套（内置螺丝） HSK63A-HSK CONVERSION SLEEVE（BUILT-IN SCREW）



FIG. 1

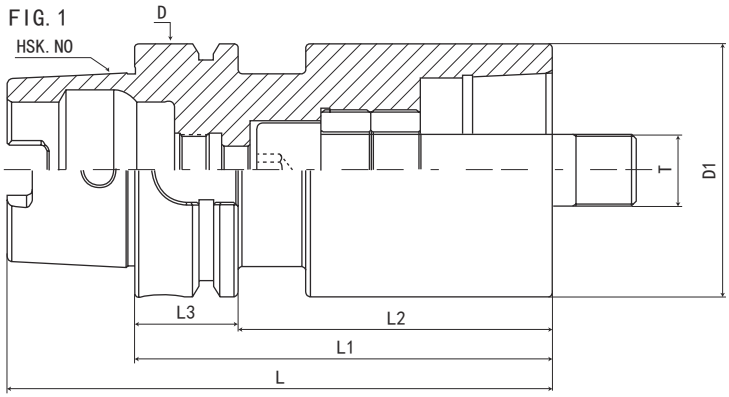
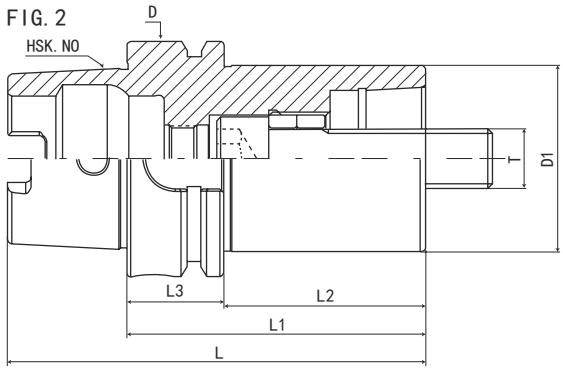


FIG. 2



规格 Model	L	L1	L2	L3	T	D	D1	FIG	重量 KGS
HSK63A-HSK63C-95S	127	95	69	26	M18*1	63	63	1	
HSK63A-HSK50C-80S	112	80	54	26	M16*1	63	50	2	
HSK63A-HSK40C-80S	112	80	54	26	M12*1	63	40	2	
HSK63A-HSK32C-45S	77	45	19	26	M10*1	63	32	2	

HSK63A - HSK - 63C - 95 - S

- S → 内置螺丝 Built-in screw
- 95 → L1 长度 Length(L1)
- 63C → 接口大小 Collect model
- HSK → 功能代号 Holder type
- HSK63A → 锥柄形式 Taper size

HSK100A-HSK转换套（内置螺丝） HSK100A-HSK CONVERSION SLEEVE（BUILT-IN SCREW）



FIG. 1

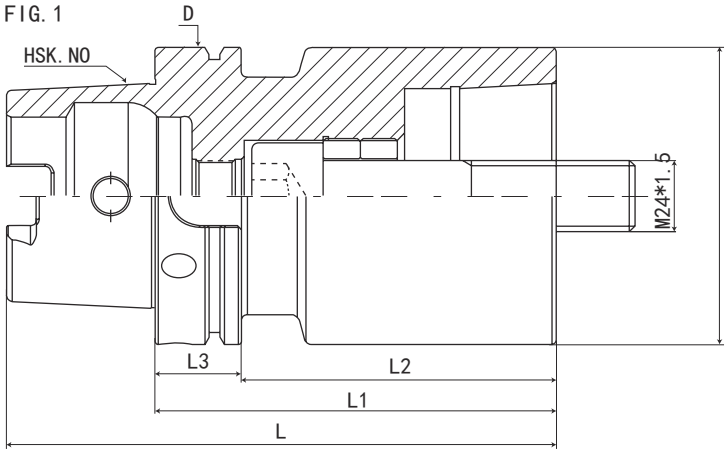
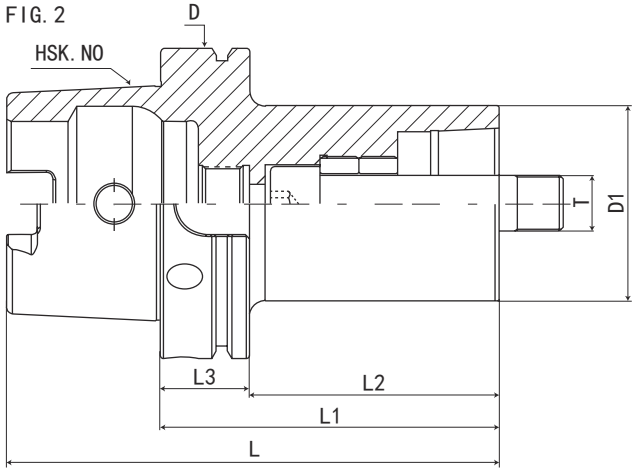


FIG. 2



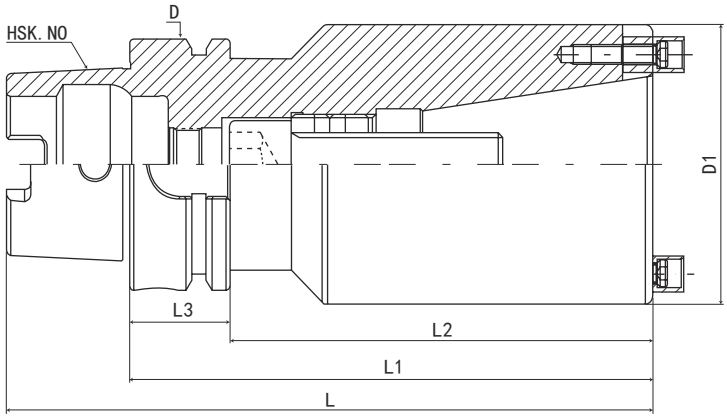
规格 Model	L	L1	L2	L3	T	D	D1	FIG	重量 KGS
HSK100A-HSK100C-135S	185	135	106	29	M24*1.5	100	100	1	
HSK100A-HSK100C-200S	250	200	171	29	M24*1.5	100	100	1	
HSK100A-HSK80C-130S	180	130	101	29	M18*1	100	80	2	
HSK100A-HSK63C-110S	160	110	81	29	M16*1	100	63	2	
HSK100A-HSK50C-80S	130	80	51	29	M12*1	100	50	2	

HSK63A - HSK - 63C - 95 - S

- S → 内置螺丝 Built-in screw
- 95 → L1 长度 Length(L1)
- 63C → 接口大小 Collect model
- HSK → 功能代号 Holder type
- HSK63A → 锥柄形式 Taper size

HSK63A-BT 转换套（内置螺丝） HSK63A-BT CONVERSION SLEEVE（BUILT-IN SCREW）





规格 Model	L	L1	L2	L3	D	D1	重量 KGS
HSK63A-BT40-135S	167	135	109	26	63	70	
HSK63A-BT30-80S	112	80	54	26	63	63	

HSK100A-BT 转换套（内置螺丝） HSK100A-BT CONVERSION SLEEVE（BUILT-IN SCREW）



FIG. 1

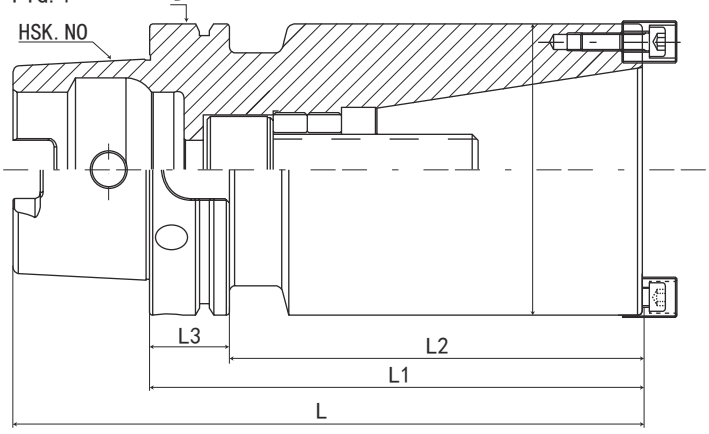
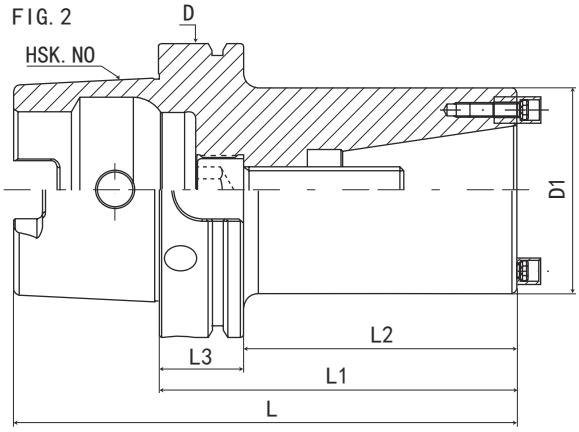


FIG. 2



规格 Model	L	L1	L2	L3	D	D1	FIG	重量 KGS
HSK100A-BT50-180S	230	180	151	29	100	100	1	
HSK100A-BT40-125S	175	125	96	29	100	70	2	

HSK 转换套（内置夹紧单元） HSK CONVERSION SLEEVE(CLAMPING CARTRIDGES)





FIG. 1

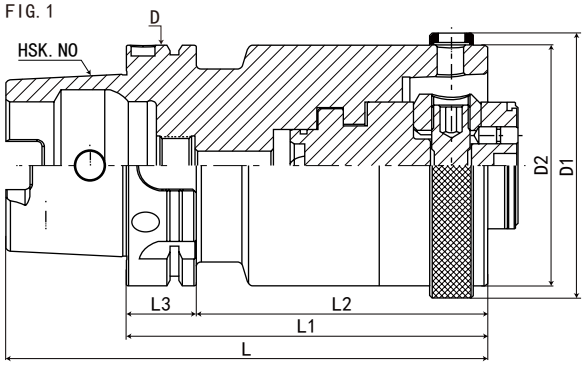
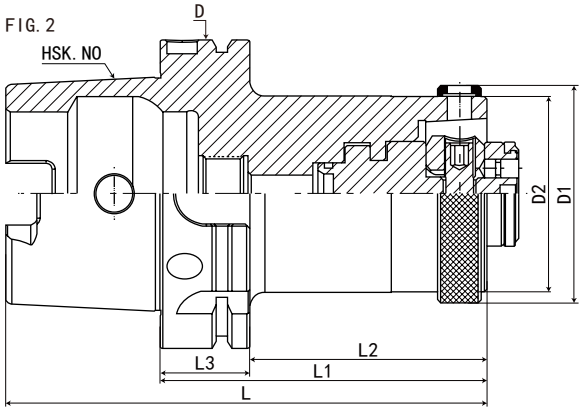


FIG. 2



规格 Model	L	L1	L2	L3	D	D1	D2	FIG	重量
HSK50A-HSK32C-60C	85	60	34	26	50	37	32	2	2
HSK50A-HSK40C-70C	95	70	44	26	50	45	40	2	2.5
HSK50A-HSK50C-80C	105	80	54	26	50	55	50	1	3
HSK50A-HSK50C-100C	125	100	74	26	50	55	50	1	3.2
HSK63A-HSK32C-70C	102	70	44	26	63	37	32	2	1
HSK63A-HSK40C-80C	112	80	54	26	63	45	40	2	1.1
HSK63A-HSK50C-80C	112	80	54	26	63	55	50	2	1.2
HSK63A-HSK63C-80C	112	80	54	26	63	70	63	1	1.6
HSK63A-HSK63C-120C	162	120	94	26	63	70	63	1	2.4
HSK80A-HSK40C-80C	120	80	54	26	80	45	40	2	1.2
HSK80A-HSK50C-80C	120	80	54	26	80	55	50	2	1.5
HSK80A-HSK63C-90C	130	90	64	26	80	70	63	2	2.5
HSK80A-HSK80C-100C	140	100	74	26	80	87	80	1	5.5
HSK80A-HSK80C-160C	200	160	134	26	80	87	80	1	7
HSK100A-HSK50C-80C	130	80	51	29	100	55	50	2	1.7
HSK100A-HSK63C-100C	150	100	71	29	100	70	63	2	2
HSK100A-HSK80C-100C	150	100	71	29	100	87	80	2	3
HSK100A-HSK100C-140C	190	140	111	29	100	110	100	1	6.5
HSK100A-HSK100C-200C	250	200	171	29	100	110	100	1	8.9

HSK50A - HSK - 32C - 60 - C

- C → 内置夹紧单元 Clamping cartridges
- 60 → L1 长 度 Length(L1)
- 32C → 接 口 大 小 Collect model
- HSK → 功 能 代 号 Holder type
- HSK50A → 锥 柄 形 式 Taper size

HSK 转换套（内置夹紧单元） HSK CONVERSION SLEEVE(CLAMPING CARTRIDGES)



FIG. 1

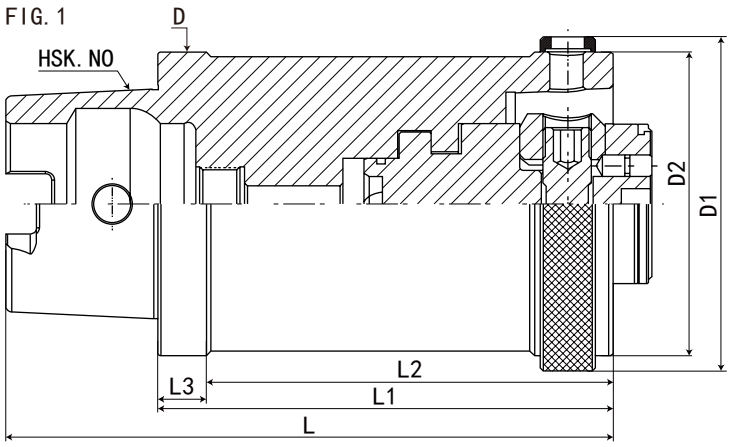
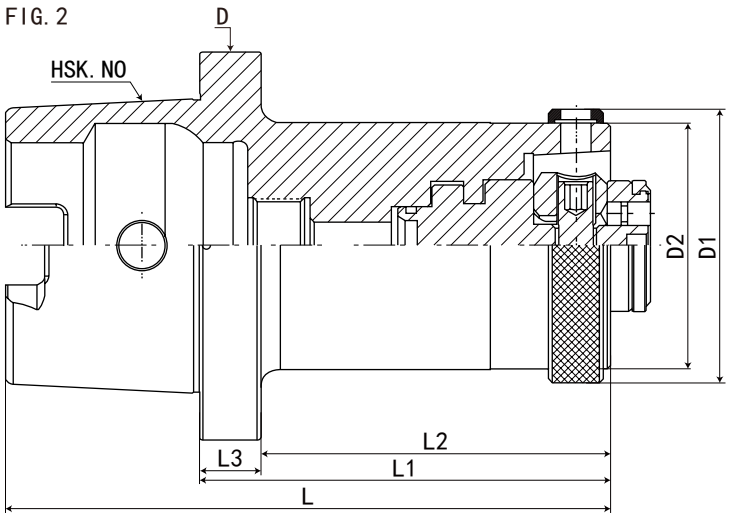




FIG. 2



规格 Model	L	L1	L2	L3	D	D1	D2	FIG	重量
HSK32C-HSK32C-50C	66	50	30	20	32	37	32	1	1
HSK32C-HSK32C-70C	86	70	50	20	32	37	32	1	1.1
HSK40C-HSK32C-50C	70	50	30	20	40	37	32	2	1.2
HSK40C-HSK40C-60C	80	60	40	20	40	45	40	1	1.4
HSK40C-HSK40C-80C	100	80	60	20	40	45	40	1	1.5
HSK50C-HSK32C-50C	75	50	24	26	50	37	32	2	2
HSK50C-HSK40C-60C	85	60	34	26	50	45	40	2	2.5
HSK50C-HSK50C-60C	85	60	34	26	50	55	50	1	3
HSK50C-HSK50C-100C	125	100	74	26	50	55	50	1	3.2
HSK63C-HSK32C-50C	82	50	24	26	63	37	32	2	1
HSK63C-HSK40C-60C	92	60	34	26	63	45	40	2	1.1
HSK63C-HSK50C-60C	92	60	34	26	63	55	50	2	1.2
HSK63C-HSK63C-80C	112	80	54	26	63	70	63	1	1.6
HSK63C-HSK63C-120C	152	120	94	26	63	70	63	1	2.4
HSK80C-HSK40C-60C	100	60	34	26	80	45	40	2	1.2
HSK80C-HSK50C-80C	120	80	54	26	80	55	50	2	1.5
HSK80C-HSK63C-80C	120	80	54	26	80	70	63	2	2.5
HSK80C-HSK80C-80C	120	80	54	26	80	87	80	1	5.5
HSK80C-HSK80C-120C	160	120	94	26	80	87	80	1	7
HSK100C-HSK50C-80C	130	80	51	29	100	55	50	2	1.7
HSK100C-HSK63C-80C	130	80	51	29	100	70	63	2	2
HSK100C-HSK80C-100C	150	100	71	29	100	87	80	2	3
HSK100C-HSK100C-100C	150	100	71	29	100	110	100	1	6.5
HSK100C-HSK100C-160C	210	160	131	29	100	110	100	1	8.9

手动HSK夹紧技术

MANUAL HSK CLAMPING TECHNOLOGY



夹紧筒和法兰 Clamping cartridges and flanges

An important component of HSK clamping technology are the KS clamping cartridges. The manual clamping mechanism brings the highest draw-in and clamping forces, which are reliably achieved by the simple and solid design. The KS clamping cartridge is used in spindles and basic holders directly or via mounting flanges. The rigid design with optimum force flow via bayonet and cartridge body to the clamping jaws underlines the performance of KS clamping cartridges. The simple assembly of the cartridges via a 90° rotation against a heavy-duty clamping pin ensures safe assembly. The smooth ejection of the mold via the two ejector pins distributes the force and wear is significantly reduced. The KS clamping cartridges in the full-jet lubrication, high-pressure lubrication and MQL versions can be used in a cross-compatible manner. This makes it easier to retool the machine for new machining tasks with different lubrication. As a universal solution for MQL applications with HSK-A and HSK-C, we offers the MQL clamping cartridge MQL1. The large central passage allows the aerosol to be transported without loss and with optimized flow. This prevents segregation of the aerosol. The MQL MQL clamping cartridge was specially developed for HSK-C. By adapting the the frontal seal, the amount of bagging in this area is minimized in this area. With this selection of our clamping systems, it is possible to securely clamp all HSK structural shapes can be clamped safely.

标准 Standard	高压 High pressure	MQL1
		
标准版 KS 夹紧元件是久经考验的全能型产品，几乎适用于所有加工应用。 是久经考验的全能型夹持元件，几乎适用于所有加工应用。 - 高刚性，不受载荷方向的影响 - 对不一致的 HSK 底面不敏感 - 远高于标准的高拉入力 The standard version of the KS clamping cartridge is the tried-and-tested all-round model and suitable for almost all machining applications. - High rigidity independent of the load direction - Insensitive to inconsistent HSK bottoms - High pull-in force far above the standard	用于高压应用的夹紧筒适用于高达 150 巴的冷却液压力。此外，它还配备了经过优化的密封环，使系统密封更加安全。 - 应用范围最高可达 150 巴 - 改进的夹爪几何形状 - 远高于标准的高拉力 The clamping cartridge for high-pressure applications is suitable for coolant pressures up to 150 bar. It is additionally equipped with an optimized sealing ring for even more secure sealing of the system. - Application range up to 150 bar - Improved clamping jaw geometry - High pull-in force far above the standard	提供的 MQL1 夹持筒是用于 HSK-A 和 HSK-C 的 MQL 应用的通用解决方案。较大的中央通道可使气溶胶以最佳流量无损耗地输送。这样可以防止气溶胶分离。 - 大型中央通道 - 用于 HSK-A 和 HSK-C 的通用系统 MQL1 As a universal solution for MQL applications with HSK-A and HSK-C, we offers the MQL1 clamping cartridge. The large central passage allows the aerosol can be transported without loss and with optimized transported. This prevents segregation of the of the aerosol is prevented. - Large central passage - Universal system MQL1 for HSK-A and HSK-C
自第 134 页 From page 134	自第 134 页 From page 134	自第 134 页 From page 134

数控刀柄系列 CNC TOOL SYSTEMS

产品概况 PRODUCT OVERVIEW



		
MMS 夹紧元件 MQL 是专为 HSK-C 而开发的。通过调整正面密封，可最大限度地减少该区域的下垂。 - 大型中央通道 - 采用特殊的几何形状密封 专用于 HSK-C The MQL MMS clamping cartridge was developed especially for HSK-C. By adapting the face seal, slumping in this area is minimized. - Large central passage - With the special sealing geometry exclusively for HSK-C	安装在机床主轴上，可安装 HSK 刀具 - 具有径向和角度校准功能 - 同心度可调 - 还提供高压和 MQL 版本 - 用于主轴内轮廓的模块连接尺寸 MN5000-12 For installation in the machine spindle to accommodate HSK tools - With radial and angular alignment - Adjustable concentricity - Also available as high pressure and MQL version - Module connection dimensions for spindle inner contour MN5000-12	可安装在机床主轴上，或安装在 HSK 或 SK 适配器上，以适应 HSK 刀具。 - 具有径向和角度校准功能 - 同心度可调 - 轴向跳动可调 - 还提供高压和 MQL 版本 - 主轴内轮廓 MN5000-14 的模块连接尺寸 For installation in the machine spindle or in HSK or SK adapters to accommodate HSK tools. - With radial and angular alignment - Adjustable radial runout - Adjustable axial runout - Also available as high pressure and MQL version - Module connection dimensions for spindle inner contour MN5000-14
自第 134 页 From page 134	自第 134 页 From page 134	自第 134 页 From page 134

规格转换器的指定键 DESIGNATION KEY FOR SPECIFICATION ADAPTER

柄形状和尺寸 Shank | Shape and size	
HSK-A	空心锥柄 形状 A HSK-A hollow shank taper shape A
HSK-C	中空柄锥形 形状 C HSK-C hollow shank taper form C
SK	陡峭锥形 A 符合 ISO 标准 SK Steep taper form A similar to ISO
AD-FC	陡峭锥形 A 类似于 ISO 面接触 AD-FC Steep taper form A similar to ISO with face contact
BT	陡峭锥形 J 符合 ISO 标准 BT Steep taper Form J according to ISO
JD-FC	陡峭锥形 J 类似于 ISO 面接触 JD-FC Steep taper Form J similar to ISO with face contact
CAT	符合 ASME 标准的陡锥形 CAT Steep taper according to ASME
ZYL	圆柱柄 ZYL Cylindrical shank
MOD	模块接口 MOD Module interface

夹紧装置 Clamping unit	
OS	不带夹紧装置的 OS OS without clamping unit
KS	KS 夹紧盒 KS clamping cartridge

对齐 Alignment	
0	不对齐 Without alignment
2	径向和角度对齐 Radial and angular alignment

悬垂长度 Overhang length

S — EF — HSK — A10 — HS — A 00 — 2 0 — 0 1

适配器 Adaptation	
EF	安装法兰 mounting flange
VL	安装法兰 Attachment flange
AD	适配器 Adapter
BL	空白 Blank
TP	测试心轴 Test mandrel

适应性 | 形状和尺寸 Adaptation | Shape and size	
HSK-A	空心柄锥形 A HSK-A hollow shank taper Shape A
MOD	模块接口 Module interface
BLANK	空白 Blank
PIN	测试销 Test pin

冷却润滑剂入口 | MMS Cooling lubricant inlet | MMS	
0	无 Without
1	内部 Internal
2	侧面 (SK) Lateral (SK)
3	内部和侧面组合 Internal and lateral combined
7	带 MQL 夹紧盒 MQL 1 With MQL clamping cartridge MQL 1
8	带 MQL MQL 夹紧盒 With MQL clamping cartridge MQL
9	带高压 HD 夹钳盒 With high pressure HD Clamping cartridge

数控刀柄系列 CNC TOOL SYSTEMS

手动 HSK 夹紧装置概述 OVERVIEW OF MANUAL HSK CLAMPING UNITS

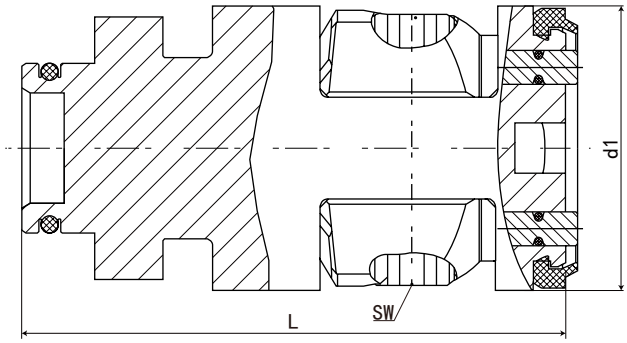




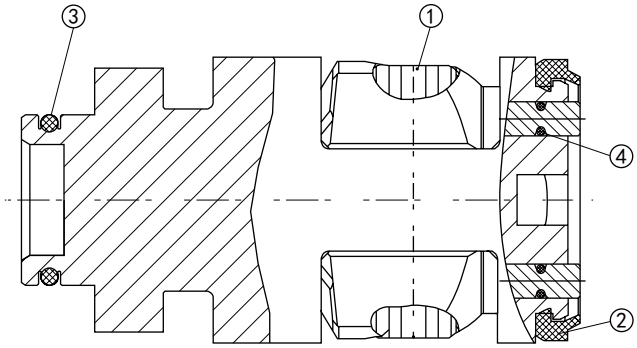

夹紧系统 Clamping systems	标准 KS 夹持元件 KS clamping cartridge Standard		KS 高压夹紧元件 KS clamping cartridge High pressure		KS 夹紧盒 MQL1 KS clamping cartridge MQL1		KS 夹钳盒 MMS MQL KS clamping cartridge MMS MQL	
启动方式 Actuation type	用扭矩扳手转动 3-4 圈 3-4 turns with torque wrench		用扭矩扳手转动 3-4 圈 3-4 turns with torque wrench		用扭矩扳手转 3-4 圈 3-4 turns with Torque wrench		用扭矩扳手转 3-4 圈 3-4 turns with Torque wrench	
执行点 (HSK63) Actuating point (HSK63)	径向，端面后 9 mm Radial, 9 mm behind face		径向，端面后 9 mm Radial, 9 mm behind face		径向，端面后 9 mm Radial, 9 mm behind face		径向，端面后 9 mm Radial, 9 mm behind face	
夹紧力 (HSK63) Clamping force (HSK63)	30 kN		30 kN		30 kN		30 kN	
传动扭矩 (HSK63) Actuating torque (HSK63)	20 Nm		20 Nm		20 Nm		20 Nm	
中部 通道 (HSK63) Central passage (HSK63)	2 x ϕ 6 mm HSK-C 刀具的内部冷却液供应 和 HSK-A 刀具不带冷却液管 Internal coolant supply on HSK-C tools and HSK-A tools without coolant tube		2 x ϕ 6 mm 在 HSK-C 刀具和 HSK-A 刀具上，内部冷却液供应最高可达 150 bar 和不带冷却管的 HSK-A 刀具 Internal coolant supply up to 150 bar on HSK-C molds and HSK-A molds without coolant tube		中心直径 7 mm ϕ 7 mm central		中心直径 7 mm ϕ 7 mm central	
直接安装主轴 Spindle direct mounting	是 yes		是 yes		是 yes		是 yes	
可拉伸 HSK 型号 Tensionable HSK designs	HSK-A HSK-B HSK-C	HSK-D HSK-T	HSK-A HSK-B HSK-C	HSK-D HSK-T	HSK-A HSK-B HSK-C	HSK-D HSK-T	HSK-C	HSK-D
HSK 尺寸 HSK sizes	HSK32 - HSK100		HSK32 - HSK100		HSK40 - HSK100		HSK40 - HSK100	
应用 Application area	标准系统 Standard system		用于高冷却液压力的系统 System for high coolant pressures		MMS 应用系统 System for MMS applications		MMS 应用系统 System for MMS applications	

标准版 KS 夹紧筒 KS CLAMPING CARTRIDGES STANDARD VERSION





规格 Specification	尺寸 Construction dimensions		HSK-C	SW
	d1	L		
KS32-05	16.6	43.1	32	3
KS40-06	20.6	48.1	40	3
KS50-07	25.6	55.1	50	4
KS63-08	33.6	64.15	63	5
KS80-09	41.6	74.65	80	6
KS100-10	52.6	94.35	100	8



高压设计的 KS 夹紧筒备件

SPARE PARTS FOR KS CLAMPING CARTRIDGES IN HIGH-PRESSURE DESIGN

HSK-C	螺纹主轴 Threaded spindle	密封环（氟橡胶） Sealing ring (Viton®)	O 形圈（氟橡胶） O-ring (Viton®)	O 形圈（氟橡胶） O-ring (Viton®)	
	订购号 Order no.	订购号 Order no.	订购号 Order no.	订购号 Order no.	数量 Quantity
32					2
40					2
50					2
63					2
80					4
100					4

尺寸（毫米）

应用： 安装在机床主轴和适配器上，用于手动夹持 HSK 刀柄。冷却液压力最高 50 bar。

注：如果出现损坏或磨损，必须将夹紧块送回制造商进行维修。请联系我们进行维修。有关维修更换、主轴直接安装 和 KS 夹紧筒的更多信息，请参见 " 技术附录 " 一章。

Dimensions in mm

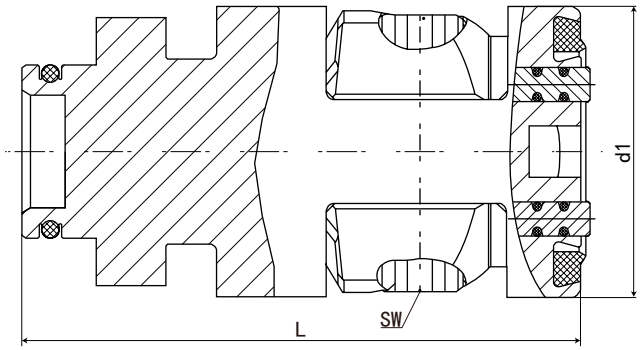
Application: For installation in machine spindles and adapters, for manual clamping of HSK shanks. For use with coolant pressures up to 50 bar.

Note: In the event of damage or wear, the clamping cartridge must be sent to us for repair.

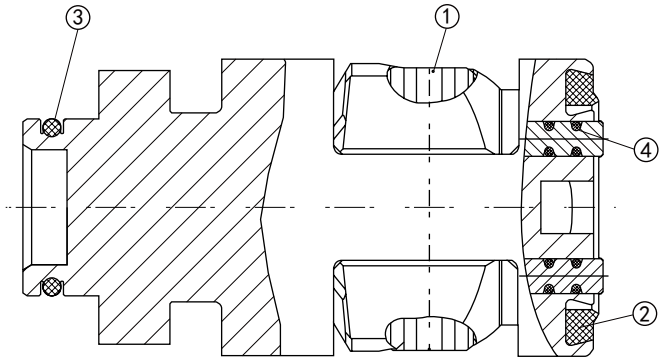
to us for repair. For more detailed information on repair exchange, direct spindle installation and KS clamping cartridges, see chapter "Technical appendix".

专为高压应用而设计 KS 夹紧筒 DESIGN FOR HIGH PRESSURE APPLICATIONS KS CLAMPING CARTRIDGES





规格 Specification	尺寸 Construction dimensions		HSK-C	SW
	d1	L		
KS32-05-D	16.6	43.4	32	3
KS40-06-D	20.6	48.4	40	3
KS50-07-D	25.6	55.4	50	4
KS63-08-D	33.6	64.45	63	5
KS80-09-D	41.6	74.95	80	6
KS100-10-D	52.6	94.55	100	8



高压设计的 KS 夹紧筒备件

SPARE PARTS FOR KS CLAMPING CARTRIDGES IN HIGH-PRESSURE DESIGN

HSK-C	螺纹主轴 Threaded spindle	密封环（氟橡胶） Sealing ring (Viton®)	O 形圈（氟橡胶） O-ring (Viton®)	O 形圈（氟橡胶） O-ring (Viton®)	
	订购号 Order no.	订购号 Order no.	订购号 Order no.	订购号 Order no.	数量 Quantity
32					2
40					2
50					2
63					2
80					4
100					4

尺寸（毫米）

应用： 安装在机床主轴和适配器上，用于手动夹紧 HSK 刀柄。冷却液压力最高可达 150bar。

注：如果出现损坏或磨损，必须将夹紧筒送至我们进行维修。请联系我们进行维修。有关维修更换、主轴直接安装和 KS 夹紧块的更多信息，请参见 " 技术附录 " 一章。

Dimensions in mm

Usage: For installation in machine spindles and adapters, for manual clamping of HSK shanks. For use with coolant pressures up to 150 bar.

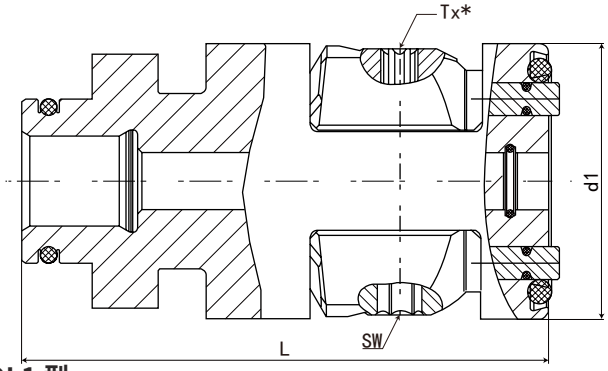
Note: In the event of damage or wear, the clamping cartridge must be sent to us for repair.

to us for repair. For more detailed information on repair exchange, direct spindle installation and KS clamping cartridges see chapter "Technical appendix".

KS 夹紧筒 (用于 MQL 应用的型号 MQL1)

KS CLAMPING CARTRIDGES(VERSION FOR MQL APPLICATIONS MQL1)

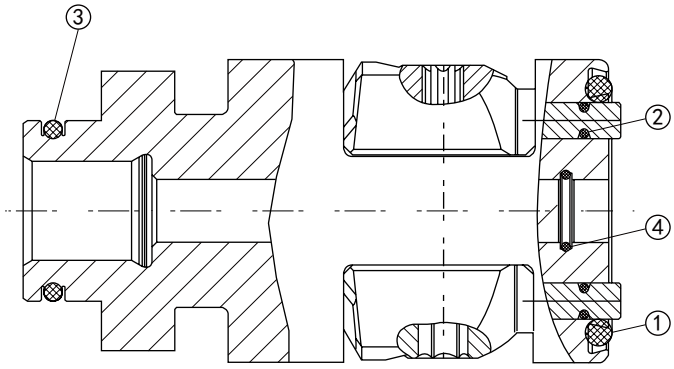




带外部 O 形圈的 KS 夹紧筒 - 用于 HSK-A 和 HSK-C 的 MQL1 型

KS CLAMPING CARTRIDGES WITH EXTERNAL O-RING - VERSION MQL1 FOR HSK-A AND HSK-C

规格 Specification	尺寸 Construction dimensions		HSK-C	SW	梅花头 Torx*
	d1	L			
KS40-06-MQL1	20.6	48.1	40	3	T10
KS50-07-MQL1	25.6	55.1	50	4	T20
KS63-08-MQL1	33.6	64.15	63	5	T25
KS80-09-MQL1	41.6	74.65	80	6	T30
KS100-10-MQL1	52.6	94.35	100	8	T45



带外部 O 形圈的 KS 夹紧筒 MMS 的备件 - 用于 HSK-A 和 HSK-C 的 MQL1 型

SPARE PARTS FOR KS CLAMPING CARTRIDGES MMS WITH EXTERNAL O-RING - VERSION MQL1 FOR HSK-A AND HSK-C

	®	®	®	®

尺寸（毫米）

应用： 用于安装在机床主轴和适配器上，在手动夹持 HSK 刀柄时实现 MQL 介质的最佳集中进给。适用于单通道和双通道型号。

交货范围： 适配器管不包括在交货范围内，请参见下页。

注：如果出现损坏或磨损，必须将夹紧元件送至我们进行维修。

* 仅用于紧急释放功能。启动紧急释放功能后，必须将夹紧元件送至我们进行维修。有关维修更换、主轴直接安装和 KS 夹紧元件的更多信息，以及 MMS 张力元件的选择指南，请参阅我们网站。MMS 夹紧元件的选择指南请参见 " 技术附录 " 一章。

Dimensions in mm

Usage: For installation in machine spindles and adapters, for optimum, central feed-through of the MQL medium during manual clamping of HSK shanks. Suitable for 1-channel and 2-channel versions.

Scope of delivery: Adapter tubes are not included in the scope of delivery, see following pages.

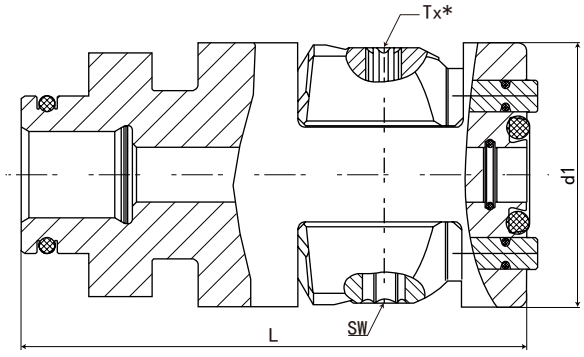
Note: In case of damage or wear, the clamping cartridge must be sent to us for repair.

* Serves exclusively for emergency release function. After actuation of the emergency release function, the cartridge must be sent to us for repair. More detailed information on repair replacement, direct spindle installation and KS clamping cartridges as well as a selection guide for the MMS clamping cartridges can be found in the chapter "Technical appendix".

KS 夹紧盒 (用于 MQL 应用的型号 MQL)

KS CLAMPING CARTRIDGES(VERSION FOR MQL APPLICATIONS MQL)

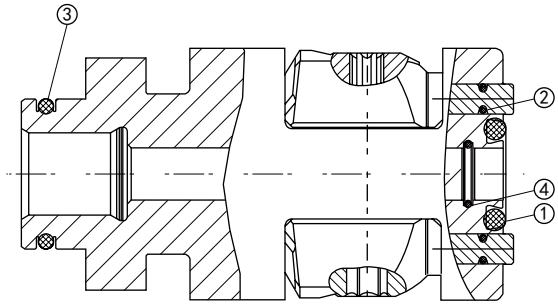




带内部 O 形圈的 KS 夹紧筒 - 用于 HSK-C 的 MQL 型

KS CLAMPING CARTRIDGES WITH INTERNAL O-RING - VERSION MQL FOR HSK-C

规格 Specification	尺寸 Construction dimensions		HSK-C	SW	梅花头 Torx*
	d1	L			
KS40-06-MQL	20.6	48.1	40	3	T10
KS50-07-MQL	25.6	55.1	50	4	T20
KS63-08-MQL	33.6	64.15	63	5	T25
KS80-09-MQL	41.6	74.65	80	6	T30
KS100-10-MQL	52.6	94.35	100	8	T45



带内部 O 形圈的 KS 夹紧筒 MMS 的备件 - 用于 HSK-C 的 MQL 型

SPARE PARTS FOR KS CLAMPING CARTRIDGES MMS WITH INTERNAL O-RING - VERSION MQL FOR HSK-C

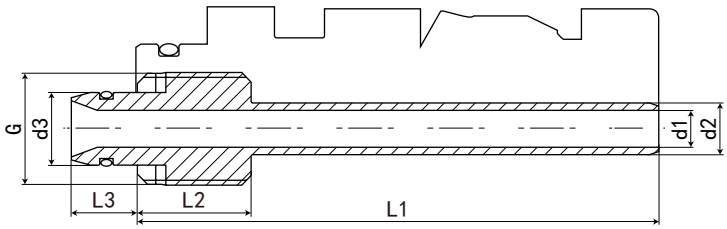
HSK-C	O 形圈（氟橡胶） O-ring (Viton®)	O 形圈（氟橡胶） O-ring (Viton®)	O 形圈（氟橡胶） O-ring (Viton®)	O 形圈（氟橡胶） O-ring (Viton®)
	订购号 Order no.	订购号 Order no.	订购号 Order no.	订购号 Order no.
40				
50				
63				
80				
100				

尺寸（毫米）

应用： 用于安装在机床主轴和适配器上，以便在手动夹持 HSK 刀柄时实现 MQL 介质的最佳集中进给。适用于单通道和双通道型号。
交货范围： 适配器管不包括在交货范围内，请参见下页。
注：如果出现损坏或磨损，必须将夹紧筒送至 我们进行维修。
* 仅用于紧急释放功能。启动紧急释放功能后，必须将夹紧元件送至我们公司进行维修。有关维修更换、主轴直接安装和 KS 夹紧元件的更多信息，以及 MMS 张力元件的选择指南，请参阅我们网站。MMS 夹紧元件的选择指南请参见 " 技术附录 " 一章。

Dimensions in mm

Usage: For installation in machine spindles and adapters, for optimum, central feed-through of the MQL medium during manual clamping of HSK shanks. Suitable for 1-channel and 2-channel versions.
Scope of delivery: Adapter tubes are not included in the scope of delivery, see following pages.
Note: In case of damage or wear, the clamping cartridge must be sent to us for repair.
* Serves exclusively for emergency release function. After actuation of the emergency release function, the cartridge must be sent to us for repair. More detailed information on repair replacement, direct spindle installation and KS clamping cartridges as well as a selection guide for the MMS clamping cartridges can be found in the chapter "Technical appendix".



ADAPTER TUBES WITH SPIGOT TRANSITION

HSK-C	尺寸 Construction dimensions						
	d1	d2	d3*	G	L1	L2	L3
40	3.5	4.5	5.8	M10×1	48.05	10	7
50	4	5.5	7.8	M12×1	55.05	12	7
63	4	7	7.8	M12×1	64.05	14	7
80	8	10	11.3	M16×1	74.55	14	8
100	10	12	13.8	M18×1	94.25	14	10

*** 用于主轴侧连接孔 d3 H9**

*** FOR SPINDLE-SIDE CONNECTING BORE D3 H9**

HSK 内轮廓符合 MN5000-40-02-M 标准 HSK inner contour according to MN5000-40-02-M	尺寸 Construction dimensions		
	d1	L1 min.	L1 max.
40	6	49	43.5
50	8	54	48.5
63	8	62.5	57.5
80	11.5	72	65.5
100	14	94	87

尺寸（毫米）

使用方法 用于 MQL 介质的无袋输送和穿透。

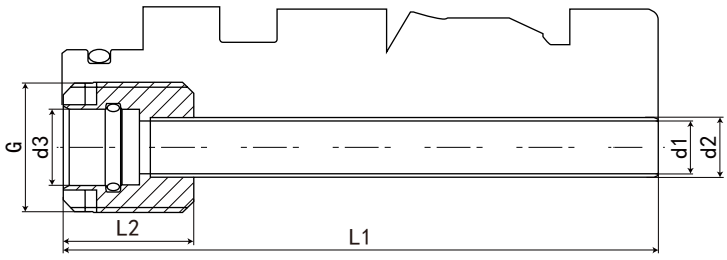
注： 有关合适的装配扳手，请参见 " 附件、备件和测量设备 " 一章。

Dimensions in mm

Usage: For bagging-free transfer and feed-through of the MQL medium.

Note: For suitable mounting wrenches, see chapter "Accessories, spare parts and measuring equipment".

附件 KS-MMS 夹紧筒 ACCESSORIES KS-MMS CLAMPING CARTRIDGES



带孔过渡的转接管
ADAPTER TUBES WITH BORE TRANSITION

HSK-C	尺寸 Construction dimensions					
	d1	d2	d3*	G	L1	L2
40	4	4.5	5	M10×1	48.05	10
50	5	5.5	7	M12×1	55.05	12
63	6	7	7	M12×1	64.05	14
80	8	10	10	M16×1	74.55	14
100	10	12	12	M18×1	94.25	14

*** 用于连接直径为 d3 的主轴侧传送管**

*** FOR SPINDLE-SIDE TRANSFER TUBE WITH CONNECTION DIAMETER D3**

尺寸（毫米）

应用： 用于不带转接管的 KS-MMS 夹紧筒。

注： 有关合适的装配扳手，请参见 " 附件、备件和测量设备 " 一章。

和测量设备 " 一章。

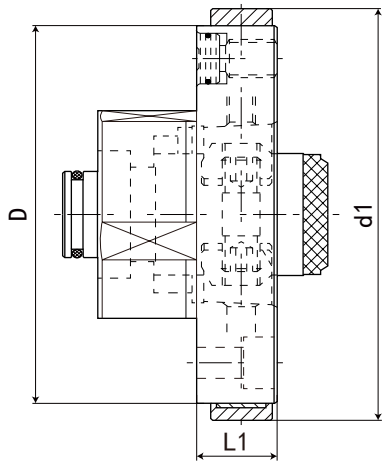
Dimensions in mm

Application: For KS-MMS clamping cartridges when used without adapter tube.

Note: For suitable mounting wrenches, see chapter "Accessories, spare parts and measuring equipment".

径向和角度对齐
主轴内轮廓 MN5000-12 的模块连接尺寸
WITH RADIAL AND ANGULAR ALIGNMENT
MODULE CONNECTION DIMENSIONS FOR SPINDLE INNER CONTOUR MN5000-12





带 KS 夹紧筒
WITH KS CLAMPING CARTRIDGE

规格 Specification	尺寸 Construction dimensions		HSK-C	D
	d1	L1		
KS-EF-MOD055-HSK-C032-013-21	61	13	32	55
KS-EF-MOD063-HSK-C040-015-21	70	15	40	63
KS-EF-MOD080-HSK-C050-017-21	87	17	50	80
KS-EF-MOD100-HSK-C063-021-21	108	21	63	100
KS-EF-MOD117-HSK-C080-021-21	125	21	80	117
KS-EF-MOD140-HSK-C100-028-21	150	28	100	140

配有用于高压的 KS 夹紧筒
WITH KS CLAMPING CARTRIDGE FOR HIGH PRESSURE

规格 Specification	尺寸 Construction dimensions		HSK-C	D
	d1	L1		
KS-EF-MOD055-HSK-C032-013-29	61	13	32	55
KS-EF-MOD063-HSK-C040-015-29	70	15	40	63
KS-EF-MOD080-HSK-C050-017-29	87	17	50	80
KS-EF-MOD100-HSK-C063-021-29	108	21	63	100
KS-EF-MOD117-HSK-C080-021-29	125	21	80	117
KS-EF-MOD140-HSK-C100-028-29	150	28	100	140

尺寸（毫米）

应用： 用于安装在机床主轴上，以容纳 HSK 刀具。交货包括 KS 夹紧块、推力块和螺纹销、盖环和圆柱头螺钉（用于固定 KS 安装法兰）。

设计：可通过机床主轴上的定位螺钉（用于校准）调节同心度。轴向跳动可通过安装法兰上的止推片和定位螺钉进行调节。

注：可在 " 夹紧筒 " 一章中找到合适的 KS 夹紧筒。盖环参见 " 附件、备件和测量设备 " 一章。有关安装尺寸的信息，请参见 " 技术附录 " 一章。

Dimensions in mm

Application: For installation in the machine spindle to accommodate HSK tools. Scope of delivery: With KS clamping cartridge, thrust piece and grub screw, cover ring and cap screws (for fastening the KS installation flange).

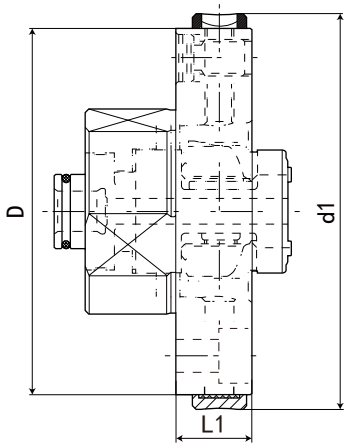
Design: Adjustable in concentricity by grub screws (for alignment) in the machine spindle. Adjustable in axial run-out by means of thrust piece and grub screw in the installation flange.

Note: Suitable KS clamping cartridges are available in the chapter in the clamping cartridges section. For cover rings, see chapter "Accessories, spare parts and measuring equipment". For information on the mounting dimensions, see chapter "Technical appendix".

KS 安装法兰 KS INSTALLATION FLANGES

径向和角度对齐
主轴内轮廓 MN5000-12 的模块连接尺寸
WITH RADIAL AND ANGULAR ALIGNMENT
MODULE CONNECTION DIMENSIONS FOR SPINDLE INNER CONTOUR MN5000-12





HSK-A、HSK-C，带 MQL 夹紧筒 MQL1，带外部 O 形圈
HSK-A, HSK-C WITH MQL1 MQL CLAMPING CARTRIDGE WITH EXTERNAL O-RING

规格 Specification	尺寸 Construction dimensions		HSK-C	D
	d1	L1		
KS-EF-MOD063-HSK-C040-015-27	70	15	40	63
KS-EF-MOD080-HSK-C050-017-27	87	17	50	80
KS-EF-MOD100-HSK-C063-021-27	108	21	63	100
KS-EF-MOD117-HSK-C080-021-27	125	21	80	117
KS-EF-MOD140-HSK-C100-028-27	150	28	100	140

专用于 HSK-C：配有带内部 O 形圈的 MQL 夹紧筒
EXCLUSIVELY FOR HSK-C: WITH MQL MQL CLAMPING CARTRIDGE WITH INTERNAL O-RING

规格 Specification	尺寸 Construction dimensions		HSK-C	D
	d1	L1		
KS-EF-MOD063-HSK-C040-015-28	70	15	40	63
KS-EF-MOD080-HSK-C050-017-28	87	17	50	80
KS-EF-MOD100-HSK-C063-021-28	108	21	63	100
KS-EF-MOD117-HSK-C080-021-28	125	21	80	117
KS-EF-MOD140-HSK-C100-028-28	150	28	100	140

尺寸（毫米）

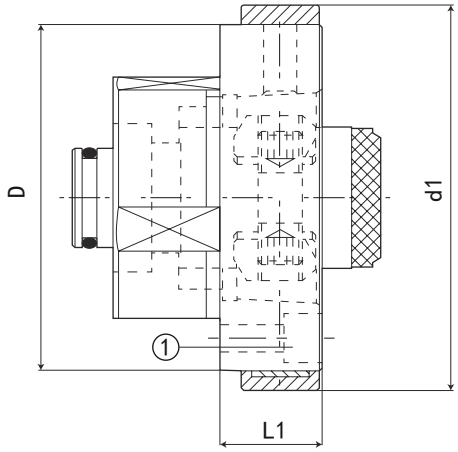
用途： 用于安装在机床主轴中以固定 HSK 刀具。 供货范围： 配有 MQL 夹紧盒、压力件和紧定螺钉、盖环和圆头螺钉（用于紧固 KS 安装法兰）。
执行：同心度可通过机床主轴上的紧定螺钉（用于对准）进行调节。轴向跳动可使用安装法兰中的受压件和固定螺钉进行调节。
注意：匹配的 MQL 夹紧盒可在夹紧盒区域章节中找到。 盖环参见“附件、备件和测量设备”一章。有关安装尺寸的信息，请参见“技术附录”一章。

Dimensions in mm

Use: For installation in the machine spindle to hold HSK tools. Scope of delivery: With MQL clamping cartridges, pressure piece and set screw, cover ring and cheese head screws (for fastening the KS mounting flange).
Execution: Concentricity adjustable by means of set screws (for alignment) in the machine spindle. The axial run-out can be adjusted using the pressure piece and set screw in the mounting flange.
Note: Matching MQL clamping cartridges are available in the chapter in the clamping cartridges area. Cover rings see chapter "Accessories, spare parts and measuring equipment". For information on the mounting dimensions, see the "Technical appendix" chapter.

FOR SHORT SPINDLES WITH RADIAL ALIGNMENT
MODULE CONNECTION DIMENSIONS FOR SPINDLE INNER CONTOUR MN5000-13





带 KS 夹紧筒
WITH KS CLAMPING CARTRIDGE

规格 Specification	尺寸 Construction dimensions		HSK-C	D
	d1	L1		
KS-EF-MOD040-HSK-C032-012-11	45	12	32	40
KS-EF-MOD050-HSK-C040-015-11	55	15	40	50
KS-EF-MOD063-HSK-C050-018-11	70	18.5	50	63
KS-EF-MOD080-HSK-C063-024-11	87	24	63	80

配有用于高压的 KS 夹紧筒
WITH KS CLAMPING CARTRIDGE FOR HIGH PRESSURE

规格 Specification	尺寸 Construction dimensions		HSK-C	D
	d1	L1		
KS-EF-MOD040-HSK-C032-012-19	45	12	32	40
KS-EF-MOD050-HSK-C040-015-19	55	15	40	50
KS-EF-MOD063-HSK-C050-018-19	70	18.5	50	63
KS-EF-MOD080-HSK-C063-024-19	87	24	63	80

尺寸（毫米）

应用： 用于安装在短主轴上（DIN 69002），以适应 HSK 刀具。
交货包括 标准 KS 夹紧块、盖环和盖螺钉（用于固定 KS 安装法兰）。
设计：通过机床主轴上的定位螺钉（用于校准）调节同心度。
注：可在 " 夹紧元件 " 一章中找到合适的 KS 夹紧元件。盖环参见 " 附件、备件和测量设备 " 一章。有关安装尺寸的信息请参见 " 技术附录 " 一章。
天平质量： G 6.3，3,000 min -1 （交货时）。

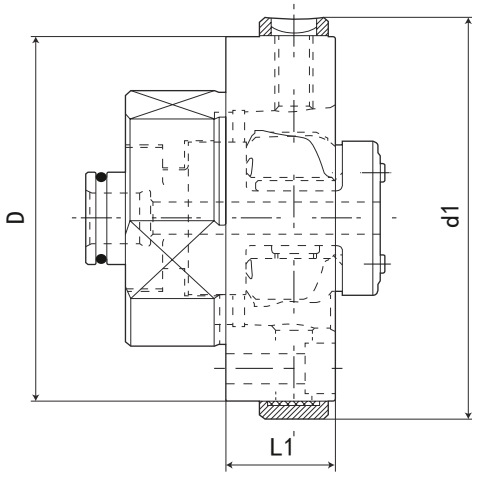
Dimensions in mm

Application: For installation in short spindles (DIN 69002) to accommodate HSK tools. Scope of delivery: With standard KS clamping cartridge, cover ring and cap screws (for fastening the KS installation flange).
Design: Adjustable in concentricity by grub screws (for alignment) in the machine spindle.
Note: Suitable KS clamping cartridges are available in the chapter in the clamping cartridges section. For cover rings, see chapter "Accessories, spare parts and measuring equipment". For information on mounting dimensions, see chapter "Technical Appendix".
Balance quality: G 6.3 at 3,000 min -1 as delivered.

KS 安装法兰 / 备件 KS MOUNTING FLANGES / SPARE PARTS

用于径向定位的短主轴
用于主轴内轮廓 MN5000-13 的模块连接尺寸
FOR SHORT SPINDLES WITH RADIAL ALIGNMENT
MODULE CONNECTION DIMENSIONS FOR SPINDLE INNER CONTOUR MN5000-13





HSK-A、HSK-C，带 MQL 夹紧筒 MQL1，带外部 O 形圈
HSK-A, HSK-C WITH MQL1 MQL CLAMPING CARTRIDGE WITH EXTERNAL O-RING

规格 Specification	尺寸 Construction dimensions		HSK-C	D
	d1	L1		
KS-EF-MOD050-HSK-C040-015-17	55	15	40	50
KS-EF-MOD063-HSK-C050-018-17	70	18.5	50	63
KS-EF-MOD080-HSK-C063-024-17	87	24	63	80

专用于 HSK-C：配有带内部 O 形圈的 MQL 夹紧筒
EXCLUSIVELY FOR HSK-C: WITH MQL MQL CLAMPING CARTRIDGE WITH INTERNAL O-RING

规格 Specification	尺寸 Construction dimensions		HSK-C	D
	d1	L1		
KS-EF-MOD050-HSK-C040-015-18	55	15	40	50
KS-EF-MOD063-HSK-C050-018-18	70	18.5	50	63
KS-EF-MOD080-HSK-C063-024-18	87	24	63	80

SPARE PARTS FOR KS INSTALLATION FLANGES WITH RADIAL AND ANGULAR ALIGNMENT

D	所需数量 Required number	符合 ISO 4762 标准的圆头螺钉 Cheese head screw according to ISO 4762		压力件 thrust piece		定位螺钉 Grub screw	
		尺寸 Size	订购号 Order no.	规格 Specification	订购号 Order no.	规格 Specification	订购号 Order no.
55	6	M5×16-12.9		ϕ7.6×4		M6×8-KLF	
63	6	M5×20-12.9		ϕ7.6×4		M6×8-KLF	
80	6	M6×20-12.9		ϕ10.6×5		M8×1×11.5-KLR	
100	6	M8×25-12.9		ϕ12.8×5		M10×1×14-KLR	
117	6	M8×25-12.9		ϕ12.8×5		M10×1×14-KLR	
140	6	M10×30-12.9		ϕ12.8×5		M10×1×20-45H-KLR	

用于短主轴的 KS 安装法兰的备件
SPARE PARTS FOR KS INSTALLATION FLANGES FOR SHORT SPINDLES

D	所需数量 Required number	符合 ISO 4762 标准的圆头螺钉 Cheese head screw according to ISO 4762	
		尺寸 Size	订购号 Order no.
40	6	M3×16-12.9	
50	6	M4×20-12.9	
63	6	M5×25-12.9	
80	6	M6×30-12.9	

尺寸（毫米）

应用： 用于安装在短主轴上（DIN 69002），以适应 HSK 刀具。
交货包括 标准 MQL 夹具、盖环和盖螺钉（用于固定 KS 安装法兰）。
设计：通过机床主轴上的固定螺钉（用于校准）调节同心度。
注：有关配套的 MQL 夹紧元件，请参见夹紧元件部分。盖环 参见 " 附件、备件和测量设备 " 章节。有关安装尺寸的信息 参见 " 技术附录 " 章节。
平衡质量： G 6.3，3,000 min -1 （交货时）。

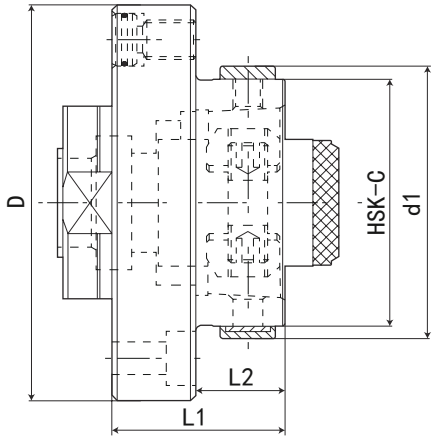
Dimensions in mm

Application: For installation in short spindles (DIN 69002) to accommodate HSK tools.
Scope of delivery: With standard MQL clamping cartridge, cover ring and cap screws (for fastening the KS installation flange).
Design: Adjustable in concentricity by means of set screws (for alignment) in the machine spindle.
Note: For matching MQL clamping cartridges, see section "Clamping cartridges". For cover rings, see chapter "Accessories, spare parts and measuring equipment". For information on mounting dimensions, see chapter "Technical Appendix".
Balance quality: G 6.3 at 3,000 min -1 as delivered.

面向 KS 的法兰 KS FACING FLANGE

WITH RADIAL AND ANGULAR ALIGNMENT
MODULE CONNECTION DIMENSIONS ACCORDING TO MN5000-14





规格 Specification	尺寸 Construction dimensions			HSK-C	模块直径 D Module diameter D
	d1	L1	L2		
KS-VL-MOD060-HSK-C032-026-21	37	26	13	32	60
KS-VL-MOD070-HSK-C040-030-21	45	30	15	40	70
KS-VL-MOD080-HSK-C050-035-21	55	35	18	50	80
KS-VL-MOD080-HSK-C050-100-21	55	100	83	50	80
KS-VL-MOD080-HSK-C050-150-21	55	150	133	50	80
KS-VL-MOD080-HSK-C050-200-21	55	200	183	50	80
KS-VL-MOD100-HSK-C063-043-21	70	43	22	63	100
KS-VL-MOD100-HSK-C063-100-21	70	100	79	63	100
KS-VL-MOD100-HSK-C063-150-21	70	150	129	63	100
KS-VL-MOD100-HSK-C063-200-21	70	200	179	63	100
KS-VL-MOD117-HSK-C080-050-21	87	50	29	80	117
KS-VL-MOD117-HSK-C080-100-21	87	100	79	80	117
KS-VL-MOD117-HSK-C080-150-21	87	150	129	80	117
KS-VL-MOD117-HSK-C080-200-21	87	200	179	80	117
KS-VL-MOD140-HSK-C100-070-21	110	70	42	100	140
KS-VL-MOD140-HSK-C100-100-21	110	100	72	100	140
KS-VL-MOD140-HSK-C100-150-21	110	150	122	100	140
KS-VL-MOD140-HSK-C100-200-21	110	200	172	100	140

尺寸（毫米）

应用： 安装在机床主轴上，或安装在 HSK 或 SK 适配器上，以适应 HSK 刀具。
交货包括：标准 KS 夹紧块、盖环和盖形螺钉（用于固定 KS 安装法兰）。
设计：可通过机床主轴或 HSK 或 SK 转换接头中的固定螺钉（用于校准）调节同心度。通过止推片和安装法兰上的固定螺钉可调节轴向跳动。
注：可在夹紧元件章节中找到合适的 KS 夹紧元件。盖环参见 " 附件、备件和测量设备 " 一章。有关 有关安装尺寸的信息请参见 " 技术附录 " 一章。
天平质量： G 6.3，3,000 min -1 （交货时）。

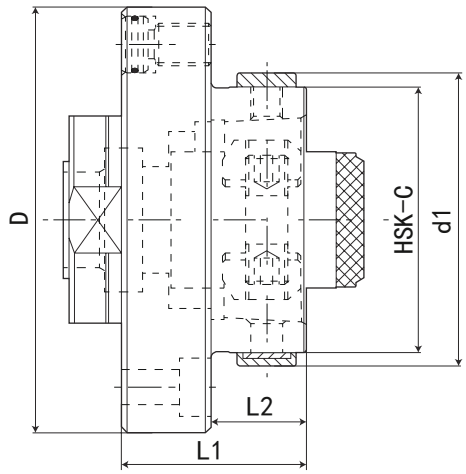
Dimensions in mm

Application: For installation in the machine spindle or in HSK or SK adapters to accommodate HSK tools.
Scope of delivery: With standard KS clamping cartridge, cover ring and cap screws (for fastening the KS installation flange).
Design: Adjustable in concentricity by set screws (for alignment) in the machine spindle or in the HSK or SK adapter. Adjustable in axial run-out by means of thrust piece and grub screw in the attachment flange.
Note: Suitable KS clamping cartridges are available in the chapter in the clamping cartridges section. For cover rings, see chapter "Accessories, spare parts and measuring equipment". For information on mounting dimensions, see chapter "Technical Appendix".
Balance quality: G 6.3 at 3,000 min -1 as delivered.

面向 KS 的法兰 KS FACING FLANGE

径向和角度对齐
模块连接尺寸符合 MN5000-14 标准
with radial and angular alignment
Module connection dimensions according to MN5000-14





规格 Specification	尺寸 Construction dimensions			HSK-C	模块直径 D Module diameter D
	d1	L1	L2		
KS-VL-MOD060-HSK-C032-026-29	37	26	13	32	60
KS-VL-MOD070-HSK-C040-030-29	45	30	15	40	70
KS-VL-MOD080-HSK-C050-035-29	55	35	18	50	80
KS-VL-MOD100-HSK-C063-043-29	70	43	22	63	100
KS-VL-MOD117-HSK-C080-050-29	87	50	29	80	117
KS-VL-MOD140-HSK-C100-070-29	110	70	42	100	140

尺寸（毫米）

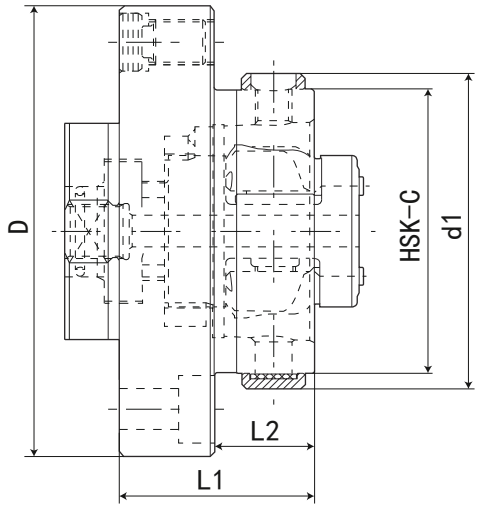
尺寸单位：毫米。
应用： 用于安装在机床主轴上，或安装在 HSK 或 SK 适配器上，以适应 HSK 刀具。
交货包括：用于高压的标准 KS 夹紧筒、盖环和盖螺钉（用于固定 KS 安装法兰）。
设计：可通过机床主轴或 HSK 或 SK 转换接头中的固定螺钉（用于校准）调节同心度。通过止推片和安装法兰上的固定螺钉可调节轴向跳动。
注： 有关适用于高压的 KS 夹紧元件，请参见 " 夹紧元件 " 一章。盖环参见 " 附件、备件和测量设备 " 章节。有关安装尺寸的信息，请参见 " 技术附录 " 一章。
天平质量： G 6.3，3,000 min -1 （交货时）。

Dimensions in mm

Application: For installation in the machine spindle or in HSK or SK adapters to accommodate HSK tools.
Scope of delivery: With standard KS clamping cartridge for high pressure, cover ring and cap screws (for fastening the KS installation flange).
Design: Adjustable in concentricity by set screws (for alignment) in the machine spindle or in the HSK or SK adapter. Adjustable in axial run-out by means of thrust piece and grub screw in the attachment flange.
Note: For a suitable KS clamping cartridge for high pressure, please refer to the chapter on clamping cartridges. For cover rings, see chapter "Accessories, Spare Parts and Measuring Equipment".For information on mounting dimensions, see chapter "Technical Appendix".
Balance quality: G 6.3 at 3,000 min -1 as delivered.

面向 KS 的法兰 KS FACING FLANGE





HSK-A、HSK-C，带 MQL 夹紧筒 MQL1，带外部 O 形圈
HSK-A, HSK-C WITH MQL1 MQL CLAMPING CARTRIDGE WITH EXTERNAL O-RING

规格 Specification	尺寸 Construction dimensions			HSK-C	模块直径 D Module diameter D
	d1	L1	L2		
KS-VL-MOD070-HSK-C040-030-27	45	30	15	40	70
KS-VL-MOD080-HSK-C050-035-27	55	35	18	50	80
KS-VL-MOD100-HSK-C063-043-27	70	43	22	63	100
KS-VL-MOD117-HSK-C080-050-27	87	50	29	80	117
KS-VL-MOD140-HSK-C100-070-27	110	70	42	100	140

专用于 HSK-C：配有带内部 O 形圈的 MQL 夹紧筒
EXCLUSIVELY FOR HSK-C: WITH MQL MQL CLAMPING CARTRIDGE WITH INTERNAL O-RING

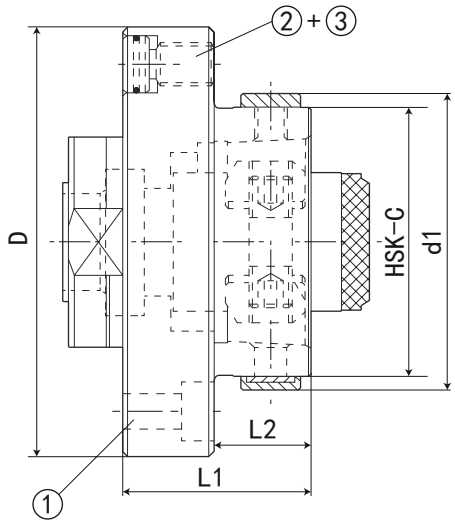
规格 Specification	尺寸 Construction dimensions			HSK-C	模块直径 D Module diameter D
	d1	L1	L2		
KS-VL-MOD070-HSK-C040-030-28	45	30	15	40	70
KS-VL-MOD080-HSK-C050-035-28	55	35	18	50	80
KS-VL-MOD100-HSK-C063-043-28	70	43	22	63	100
KS-VL-MOD117-HSK-C080-050-28	87	50	29	80	117
KS-VL-MOD140-HSK-C100-070-28	110	70	42	100	140

尺寸（毫米）

应用： 用于安装在机床主轴上，或安装在 HSK 或 SK 适配器上，以适应 HSK 刀具。
交货包括：标准 MMS 夹紧筒、盖环和圆柱头螺钉（用于固定 KS 安装法兰）。
设计：可通过机床主轴或 HSK 或 SK 转换接头中的定位螺钉（用于校准）调节同心度。通过推力件和安装法兰上的固定螺钉可调节轴向跳动。
注：可在夹紧筒一章中找到合适的 MQL 夹紧筒。盖环参见 " 附件、备件和测量设备 " 一章。有关安装尺寸的信息请参见 " 技术附录 " 一章。
天平质量： G 6.3，3,000 min -1 （交货时）。

Dimensions in mm

Application: For installation in the machine spindle or in HSK or SK adapters to accommodate HSK tools.
Scope of delivery: With standard MQL clamping cartridges cover ring and cap screws (for fastening the KS installation flange).
Design: Adjustable in concentricity by set screws (for alignment) in the machine spindle or in the HSK or SK adapter. Adjustable in axial run-out by means of thrust piece and set screw in the attachment flange.
Note: Suitable MQL clamping cartridges are available in the chapter in the clamping cartridges section. For cover rings, see chapter "Accessories, spare parts and measuring equipment". For information on mounting dimensions, see chapter "Technical Appendix".
Balance quality: G 6.3 at 3,000 min -1 as delivered.



根据 MN 5000-14 标准进行径向和角度校准的 KS 面法兰的备件

SPARE PARTS FOR KS FACING FLANGE WITH RADIAL AND ANGULAR ALIGNMENT ACCORDING TO MN 5000-14

模块直径 D Module diameter D	所需数量 Required number	①符合 ISO 4762 标准的酪头螺钉 Cheese head screw according to ISO 4762		②止推件 Thrust piece		③定位螺钉 Grub screw	
		尺寸 Size	订购号 Order no.	规格 Specification	订购号 Order no.	规格 Specification	订购号 Order no.
60	4	M5×16-12.9		ϕ10.6×5		M8×1×8-KLR	
70	4	M6×20-12.9		ϕ10.6×5		M8×1×8-KLR	
80	4	M6×20-12.9		ϕ10.6×5		M8×1×11.5-KLR	
100	4	M8×25-12.9		ϕ12.8×5		M10×1×14-KLR	
117	4	M8×25-12.9		ϕ12.8×5		M10×1×14-KLR	
140	4	M10×30-12.9		ϕ12.8×5		M10×1×20-45H-KLR	

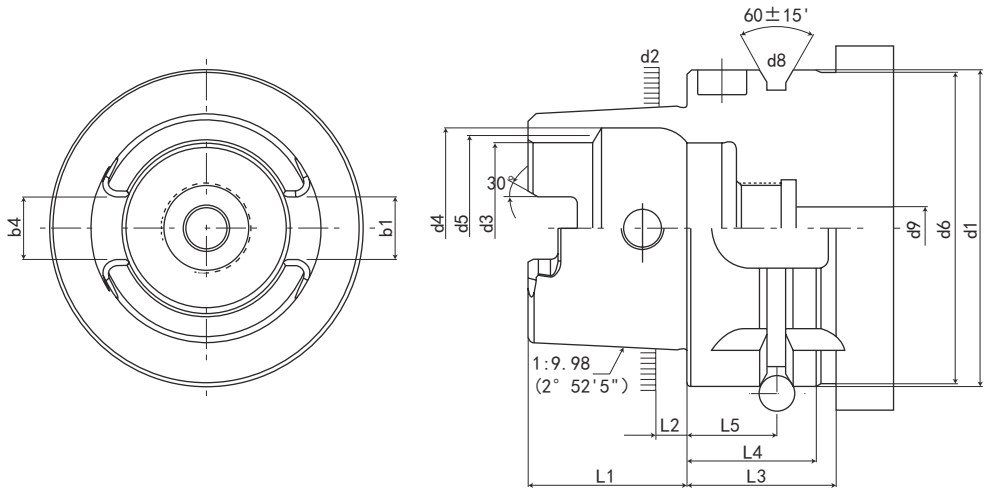
HSK-T

PRECISION TOOL HOLDERS SYSTEM



HSK-T车铣复合刀座

CNC TOOL SYSTEMS



规格 Spec.	d1 h10	d2	d3 H10	d4 H11	d5	d6 Max.	d8	d9 Max.	L1 0 -0.2	L2	L3 Min.	L4 0 -0.1	L5 ±0.1	b1 ±0.04	b4	
HSK-T32	32	24.007	17	20.5	19	31	4	4.2	16	3.2	23	20	16	7.05	6.932	+0.03 0
HSK-T40	40	30.007	21	25.5	23	39	4	5	20	4	23	20	16	8.05	7.932	+0.03 0
HSK-T50	50	38.009	26	32	29	49	7	6.8	25	5	30	26	18	10.54	10.425	+0.035 0
HSK-T63	63	48.010	34	40	37	62	7	8.4	32	6.3	30	26	18	12.54	12.425	+0.035 0
HSK-T80	80	60.012	42	50	46	79	7	10.2	40	8	30	26	18	16.04	15.93	+0.035 0
HSK-T100	100	75.013	53	63	58	99	7	12	50	10	34	26	20	20.02	19.91	+0.035 0

特点:

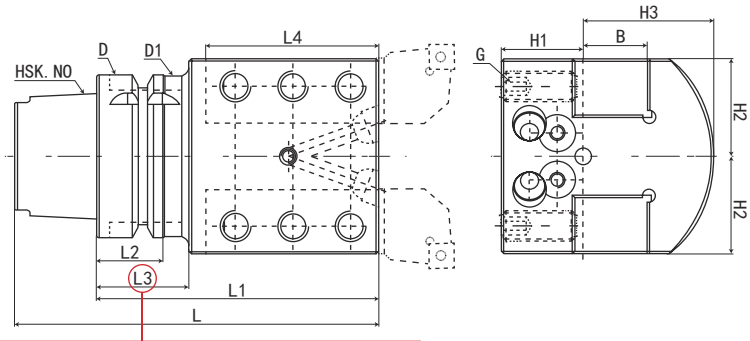
注:
◎锥度精度 :<AT3
◎硬度 :>HRC56°
◎渗碳深度 :>0.8mm
◎真圆度 :<0.8μm
◎表面粗糙度 :Ra<0.25μm
◎刀杆有预设标准动平衡 G6.3，可另外指定精密动平衡 G2.5
◎本体规范 :DIN ISO 12164-3:20008

Features:

◎ Taper tolerance <AT3.
◎ Hardness>HRC56°
◎ Carbon depth>0.8mm.
◎ Roundness < 0.8um.
◎ Surface roughness: Ra<0.25um.
◎ The shank has pre-balance at G6.3,and can provide precision balance at G2.5, made by request.
◎ Shank body standard:DIN ISO 12164-3:20008

HSK-T-SBK 外径车铣复合刀座 HSK-T-SBK OUTSIDE DIAMETER TURNING AND MILLING TOOL HOLDER





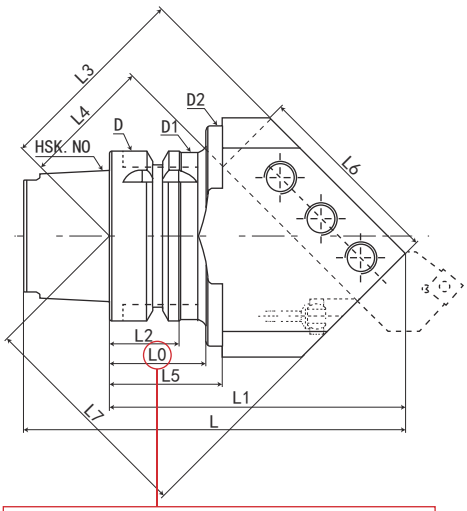
⚠注意 Note
★：请注意防止 ATC 悬臂及机械内的干涉
Please take care to prevent interference within the ATC cantilever and the machine.

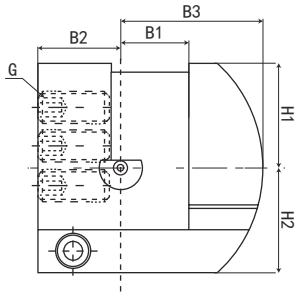
不限左右方向
No restriction on left or right hand direction

规 格 Model	柄部	L	L1	L2	L3	L4	D	D1	H1	H2	H3	B	G	重量 KGS
HSK-T50-SBK20*20R-95	HSK-T50	120	95	26	31	60	50	48	32	37.75	51	20	M10*1.5P	2
HSK-T63-SBK20*20R-110	HSK-T63	142	110	26	36	60	63	61	32	37.75	51	20	M10*1.5P	2.5
HSK-T63-SBK25*25R-110	HSK-T63	142	110	26	36	67.5	63	61	32	37.75	51	25	M12*1.75P	2.8
HSK-T63-SBK1″ *-1″ R-110	HSK-T63	142	110	26	36	67.5	63	61	32	37.75	51	1″	M12*1.75P	2.8
HSK-T100-SBK25*25R-120	HSK-T100	170	120	29	35	110	100	98	32	37.75	51	25	M12*1.75P	6.5
HSK-T100-SBK1″ *1″ R-120	HSK-T100	170	120	29	35	110	100	98	32	37.75	51	1″	M12*1.75P	6.5

HSK-T-SBN 外径车铣复合刀座 HSK-T-SBN OUTSIDE DIAMETER TURNING AND MILLING TOOL HOLDER







⚠注意 Note

★：请注意防止 ATC 悬臂及机械内的干涉

Please take care to prevent interference within the ATC cantilever and the machine.

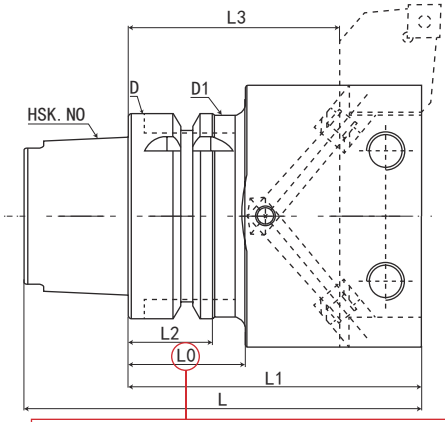
本图表示右手车刀（R）

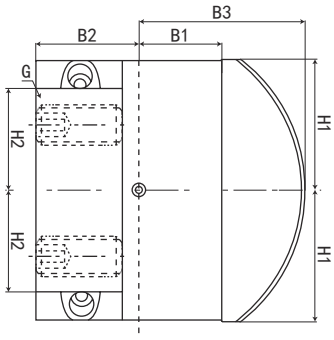
This diagram shows a right hand turning tool (R)

规格	柄部	L	L0	L1	L2	L3	L4	L5	L6	L7	D	D1	D2	B1	B2	B3	H1	H2	G	重量 KGS
HSK-T50-SBN20*20R-110	HSK-T50	135	31	110	26	72.8	52.8	*	60	83.1	50	48	*	20	25	43.5	35	35	M10*1.5P	2.4
HSK-T50-SBN20*20L-110	HSK-T50	135	31	110	26	72.8	52.8	*	60	83.1	50	48	*	20	25	43.5	35	35	M10*1.5P	2.4
HSK-T63-SBN20*20R-110	HSK-T63	142	32	110	26	72.8	52.8	*	60	83.1	63	61	*	20	32	43.5	35	35	M10*1.5P	2.9
HSK-T63-SBN20*20L-110	HSK-T63	142	32	110	26	72.8	52.8	*	60	83.1	63	61	*	20	32	43.5	35	35	M10*1.5P	2.9
HSK-T63-SBN25*25R-110	HSK-T63	142	32	110	26	70.8	45.8	40	70	85.2	63	61	90	25	32	53	39	39	M12*1.75P	3.2
HSK-T63-SBN25*25L-110	HSK-T63	142	32	110	26	70.8	45.8	40	70	85.2	63	61	90	25	32	53	39	39	M12*1.75P	3.2
HSK-T63-SBN1″ *-1″ R-110	HSK-T63	142	32	110	26	70.8	45.8	40	70	85.2	63	61	90	1″	32	53	39	39	M12*1.75P	3.2
HSK-T63-SBN1″ *-1″ L-110	HSK-T63	142	32	110	26	70.8	45.8	40	70	85.2	63	61	90	1″	32	53	39	39	M12*1.75P	3.2
HSK-T100-SBN25*25R-135	HSK-T100	185	35	135	29	88.5	63.5	*	70	102.9	100	98	*	25	32	59	43	43	M12*1.75P	6.4
HSK-T100-SBN25*25L-135	HSK-T100	185	35	135	29	88.5	63.5	*	70	102.9	100	98	*	25	32	59	43	43	M12*1.75P	6.4
HSK-T100-SBN1″ *-1″ R-135	HSK-T100	185	35	135	29	88.5	63.5	*	70	102.9	100	98	*	1″	32	59	43	43	M12*1.75P	6.4
HSK-T100-SBN1″ *-1″ L-135	HSK-T100	185	35	135	29	88.5	63.5	*	70	102.9	100	98	*	1″	32	59	43	43	M12*1.75P	6.4
HSK-T100-SBN32*32R-140	HSK-T100	190	35	140	29	89	59	*	85	109.9	100	98	*	32	37	68.5	48	43	M14*2.0P	7.2
HSK-T100-SBN32*32L-140	HSK-T100	190	35	140	29	89	59	*	85	109.9	100	98	*	32	37	68.5	48	43	M14*2.0P	7.2

HSK-T-SBH 外径车铣复合刀座 HSK-T-SBH OUTSIDE DIAMETER TURNING AND MILLING TOOL HOLDER







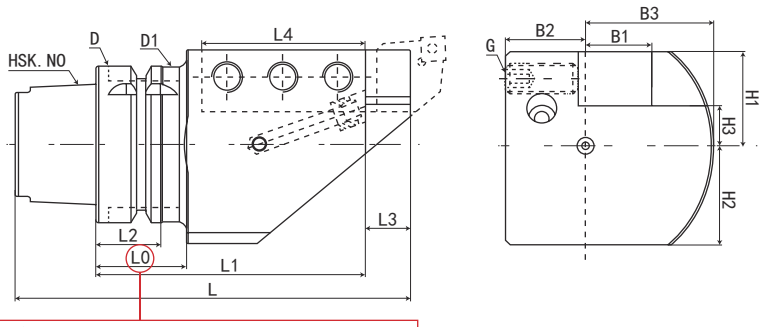
⚠注意 Note
★：请注意防止 ATC 悬臂及机械内的干涉
Please take care to prevent interference within the ATC cantilever and the machine.

不限左右方向
No restriction on left or right hand direction

规格	柄部	L	L0	L1	L2	L3	D	D1	B1	B2	B3	H1	H2	G	重量 KGS
HSK-T50-SBH20*20R-90	HSK-T50	115	40	90	26	70	50	48	20	25	43.5	27.5	*	M10*1.5P	1.8
HSK-T50-SBH20*20R-120	HSK-T50	145	70	120	26	100	50	48	20	25	43.5	27.5	*	M10*1.5P	2.3
HSK-T63-SBH20*20R-90	HSK-T63	122	40	90	26	70	63	61	20	32	4.35	30	*	M10*1.5P	2.5
HSK-T63-SBH25*25R-90	HSK-T63	122	40	90	26	65	63	61	25	32	53	40.5	29.5	M12*1.75P	3.1
HSK-T63-SBH1″ *-1″ R-90	HSK-T63	122	40	90	26	65	63	61	1″	32	53	40.5	29.5	M12*1.75P	3.1
HSK-T63-SBH25*25R-120	HSK-T63	152	70	120	26	95	63	61	25	32	53	40.5	29.5	M12*1.75P	3.7
HSK-T63-SBH1″ *-1″ R-120	HSK-T63	152	70	120	26	95	63	61	1″	32	53	40.5	29.5	M12*1.75P	3.7
HSK-T100-SBH25*25R-105	HSK-T100	155	35	105	29	80	100	98	25	32	59	48	37	M12*1.75P	6.1
HSK-T100-SBH1″ *-1″ R-105	HSK-T100	155	35	105	29	80	100	98	1″	32	59	48	37	M12*1.75P	6.1
HSK-T100-SBH25*25R-150	HSK-T100	200	35	150	29	125	100	98	25	32	59	48	37	M12*1.75P	8.9
HSK-T100-SBH32*32R-105	HSK-T100	155	35	105	29	75	100	98	32	40	68.5	57	43	M14*2.0P	7.4

HSK-T-SBV 外径车铣复合刀座 HSK-T-SBV OUTSIDE DIAMETER TURNING AND MILLING TOOL HOLDER





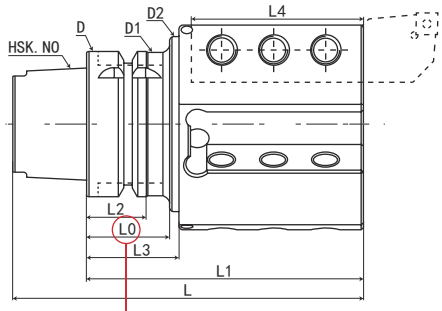
⚠注意 Note
★：请注意防止 ATC 悬臂及机械内的干涉
Please take care to prevent interference within the ATC cantilever and the machine.

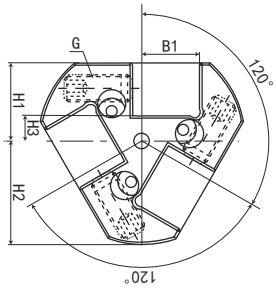
本图表示右手车刀（R）
This diagram shows a right hand turning tool (R)

规格	柄部	L	L0	L1	L2	L3	L4	D	D1	B1	B2	B3	H1	H2	H3	G	重量 GS
HSK-T50-SBV20*20R-95	HSK-T50	120	31	95	26	15	60	50	48	20	25	43.5	25	25	5	M10*1.5P	2
HSK-T50-SBV20*20L-95	HSK-T50	120	31	95	26	15	60	50	48	20	25	43.5	25	25	5	M10*1.5P	2
HSK-T63-SBV20*20R-95	HSK-T63	127	32	95	26	15	60	63	61	20	32	43.5	33	32	13	M10*1.5P	2.7
HSK-T63-SBV20*20L-95	HSK-T63	127	32	95	26	15	60	63	61	20	32	43.5	33	32	13	M10*1.5P	2.7
HSK-T63-SBV25*25R-105	HSK-T63	137	32	105	26	20	70	63	61	25	32	45	30	30	5	M12*1.75P	2.9
HSK-T63-SBV25*25L-105	HSK-T63	137	32	105	26	20	70	63	61	25	32	45	30	30	5	M12*1.75P	2.9
HSK-T63-SBV1″ *-1″ R-105	HSK-T63	137	32	105	26	20	70	63	61	25	32	45	30	30	5	M12*1.75P	2.9
HSK-T63-SBV1″ *-1″ L-105	HSK-T63	137	32	105	26	20	70	63	61	25	32	45	30	30	5	M12*1.75P	2.9
HSK-T100-SBV25*25R-150	HSK-T100	200	35	150	29	20	110	100	98	25	37	59	48	43	23	M12*1.75P	8.5
HSK-T100-SBV25*25L-150	HSK-T100	200	35	150	29	20	110	100	98	25	37	59	48	43	23	M12*1.75P	8.5
HSK-T100-SBV1″ *-1″ R-150	HSK-T100	200	35	150	29	20	110	100	98	1″	37	59	48	43	23	M12*1.75P	8.5
HSK-T100-SBV1″ *-1″ L-150	HSK-T100	200	35	150	29	20	110	100	98	1″	37	59	48	43	23	M12*1.75P	8.5
HSK-T100-SBV32*32R-150	HSK-T100	200	35	150	29	20	110	100	98	32	40	68.5	45	43	15	M14*2.0P	9
HSK-T100-SBV32*32L-150	HSK-T100	200	35	150	29	20	110	100	98	32	40	68.5	45	43	15	M14*2.0P	9

HSK-T-SBT 外径车铣复合刀座 HSK-T-SBT OUTSIDE DIAMETER TURNING AND MILLING TOOL HOLDER







⚠注意 Note
★：请注意防止 ATC 悬臂及机械内的干涉
Please take care to prevent interference within the ATC cantilever and the machine.

本图表示右手车刀（R）
This diagram shows a right hand turning tool (R)

规格	柄部	L	L0	L1	L2	L3	L4	D	D1	D2	B1	H1	H2	H3	G	重量 KGS
HSK-T50-SBT20*20R-95	HSK-T50	120	31	95	26	*	60	50	48	*	20	35	43.5	15	M10*1.5P	2.3
HSK-T50-SBT20*20L-95	HSK-T50	120	31	95	26	*	60	50	48	*	20	35	43.5	15	M10*1.5P	2.3
HSK-T63-SBT20*20R-95	HSK-T63	127	32	95	26	*	60	63	61	*	20	35	43.5	15	M10*1.5P	2.6
HSK-T63-SBT20*20L-95	HSK-T63	127	32	95	26	*	60	63	61	*	20	35	43.5	15	M10*1.5P	2.6
HSK-T63-SBT25*25R-115	HSK-T63	147	32	115	26	40	70	63	61	90	25	43	53	18	M12*1.75P	4.4
HSK-T63-SBT25*25L-115	HSK-T63	147	32	115	26	40	70	63	61	90	25	43	53	18	M12*1.75P	4.4
HSK-T63-SBT1″ *-1″ R-115	HSK-T63	147	32	115	26	40	70	63	61	90	25	43	53	18	M12*1.75P	4.4
HSK-T63-SBT1″ *-1″ L-115	HSK-T63	147	32	115	26	40	70	63	61	90	25	43	53	18	M12*1.75P	4.4
HSK-T100-SBT25*25R-150	HSK-T100	200	35	150	29	*	110	100	98	*	25	48	59	23	M12*1.75P	8.9
HSK-T100-SBT25*25L-150	HSK-T100	200	35	150	29	*	110	100	98	*	25	48	59	23	M12*1.75P	8.9
HSK-T100-SBT1″ *-1″ R-150	HSK-T100	200	35	150	29	*	110	100	98	*	25	48	59	23	M12*1.75P	8.9
HSK-T100-SBT1″ *-1″ L-150	HSK-T100	200	35	150	29	*	110	100	98	*	25	48	59	23	M12*1.75P	8.9

HSK-T-TSB 内径车铣复合刀座【镗刀杆用】

HSK-T-TSB INNER DIAMETER TURNING AND MILLING TOOL HOLDER(FOR BORING BAR)



FIG. 1

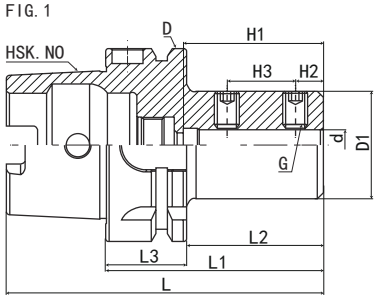


FIG. 2

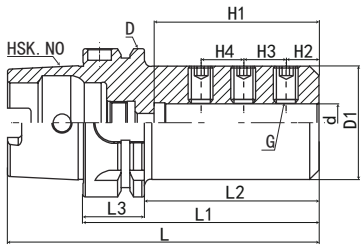


FIG. 3

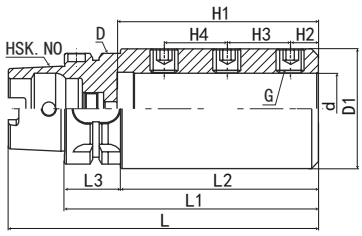
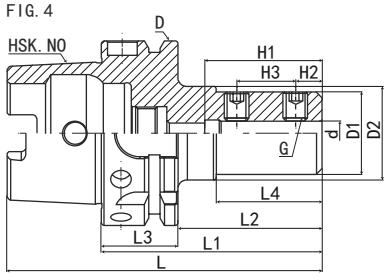


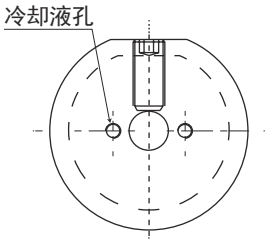
FIG. 4

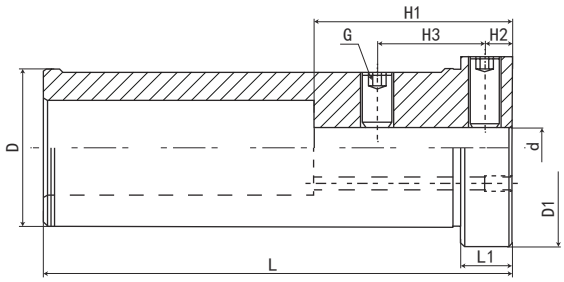


规格	柄部	L	L1	L2	L3	L4	D	D1	D2	d	H1	H2	H3	H4	G	FIG	重量 KGS
HSK-T50-TSB8-65	HSK-T50	90	65	39	26	*	50	28	*	8	40	9	20	*	M8*1.25P	1	0.7
HSK-T50-TSB10-70	HSK-T50	95	70	44	26	*	50	35	*	10	45	9	22	*	M8*1.25P	1	0.8
HSK-T50-TSB12-75	HSK-T50	100	75	49	26	*	50	42	*	12	50	9	22	*	M8*1.25P	1	1
HSK-T50-TSB16-95	HSK-T50	120	95	69	26	*	50	48	*	16	70	14	18	18	M10*1.5P	2	1.3
HSK-T50-TSB20-95	HSK-T50	120	95	69	26	*	50	52	*	20	70	14	18	18	M10*1.5P	3	1.4
HSK-T50-TSB25-110	HSK-T50	135	110	84	26	*	50	62	*	25	85	14	26	26	M12*1.75P	3	2.1
HSK-T50-TSB32-125	HSK-T50	150	125	99	26	*	50	62	*	32	100	14	30	30	M12*1.75P	3	2.1
HSK-T63-TSB8-65	HSK-T63	97	65	39	26	*	63	28	*	8	40	9	20	*	M8*1.25P	1	0.9
HSK-T63-TSB10-70	HSK-T63	102	70	44	26	*	63	35	*	10	45	9	22	*	M8*1.25P	1	1.1
HSK-T63-TSB12-75	HSK-T63	107	75	49	26	*	63	42	*	12	50	9	22	*	M8*1.25P	1	1.2
HSK-T63-TSB16-100	HSK-T63	132	100	74	26	*	63	48	*	16	70	14	18	18	M10*1.5P	2	1.7
HSK-T63-TSB20-100	HSK-T63	132	100	74	26	*	63	52	*	20	70	14	18	18	M10*1.5P	2	1.8
HSK-T63-TSB25-115	HSK-T63	147	115	89	26	*	63	62	*	25	85	14	26	26	M12*1.75P	2	2.5
HSK-T63-TSB32-130	HSK-T63	162	130	104	26	*	63	62	*	32	100	14	30	30	M12*1.75P	2	2.6
HSK-T63-TSB40-145	HSK-T63	177	145	119	26	*	63	68	*	40	115	16	36	36	M16*2.0P	3	2.9
HSK-T100-TSB8-75	HSK-T100	125	75	46	29	36	100	28	32	8	40	9	20	*	M8*1.25P	4	2.4
HSK-T100-TSB10-80	HSK-T100	130	80	51	29	*	100	35	*	10	45	9	22	*	M8*1.25P	1	2.5
HSK-T100-TSB12-85	HSK-T100	135	85	56	29	*	100	42	*	12	50	9	22	*	M8*1.25P	1	2.7
HSK-T100-TSB16-105	HSK-T100	155	105	76	29	*	100	48	*	16	70	14	18	18	M10*1.5P	2	3.1
HSK-T100-TSB20-105	HSK-T100	155	105	76	29	*	100	52	*	20	70	14	18	18	M10*1.5P	2	3.2
HSK-T100-TSB25-120	HSK-T100	170	120	91	29	*	100	62	*	25	85	14	26	26	M12*1.75P	2	4
HSK-T100-TSB32-135	HSK-T100	185	135	106	29	*	100	72	*	32	100	14	30	30	M12*1.75P	2	4.9
HSK-T100-TSB40-150	HSK-T100	200	150	121	29	*	100	82	*	40	115	16	36	36	M16*2.0P	2	6
HSK-T100-TSB50-180	HSK-T100	230	180	151	29	*	100	92	*	50	145	18	38	38	M16*2.0P	2	7.8

TSB40 转换套 TSB40 CONVERSION SLEEVE







规格	L	L1	D	D1	d	H1	H2	H3	G	重量 KGS
TSB40-8	118	13	40	50	8	50	7	34	M8*1.25P	1
TSB40-10	118	13	40	50	10	50	7	34	M8*1.25P	1
TSB40-12	118	13	40	50	12	60	7	34	M8*1.25P	1
TSB40 -16	118	13	40	50	16	70	7	34	M8*1.25P	0.9

HSK-T-TSD 内径车铣复合刀座【钻头用】

HSKT-TSD INNE-R DIAMETER TURNING AND MILLING TOOL HOLDER(FOR DRILL)



FIG. 1

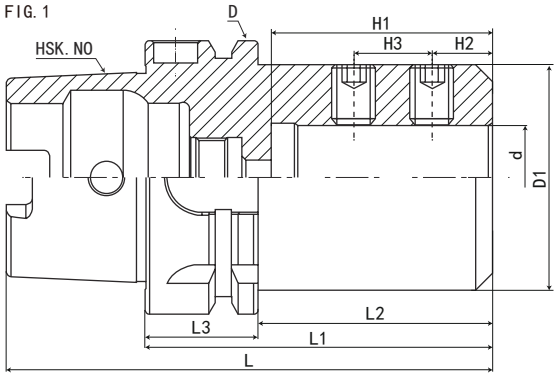
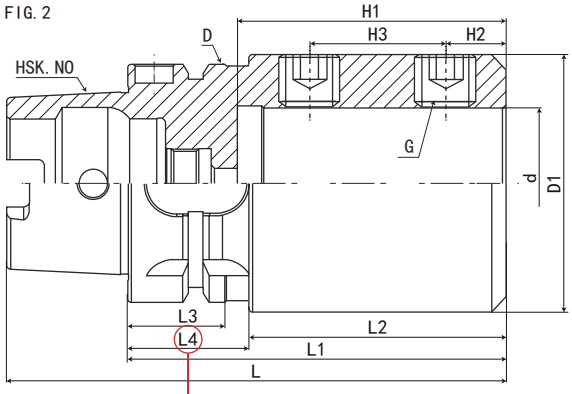


FIG. 2



⚠注意 Note

★：请注意防止 ATC 悬臂及机械内的干涉

Please take care to prevent interference within the ATC cantilever and the machine.

规格	柄部	L	L1	L2	L3	L4	D	D1	d	H1	H2	H3	G	FIG	重量 KGS
HSK-T50-TSD8-65	HSK-T50	90	65	39	26	*	50	28	8	34	10	18	M8*1.25P	1	0.8
HSK-T50-TSD10-65	HSK-T50	90	65	39	26	*	50	35	10	39	12	20	M8*1.25P	1	0.9
HSK-T50-TSD12-70	HSK-T50	95	70	44	26	*	50	42	12	39	12	20	M8*1.25P	1	1
HSK-T50-TSD16-75	HSK-T50	100	75	49	26	*	50	48	16	49	14	18	M10*1.5P	1	1.1
HSK-T50-TSD20-80	HSK-T50	105	80	54	26	31	50	52	20	51	14	18	M10*1.5P	2	1.2
HSK-T50-TSD25-85	HSK-T50	110	85	59	26	31	50	62	25	57	14	26	M12*1.75P	2	1.6
HSK-T50-TSD32-90	HSK-T50	115	90	64	26	31	50	62	32	61	14	30	M12*1.75P	2	1.6
HSK-T63-TSD8-65	HSK-T63	97	65	39	26	*	63	28	8	34	10	18	M8*1.25P	1	0.84
HSK-T63-TSD10-70	HSK-T63	102	70	44	26	*	63	35	10	39	12	20	M8*1.25P	1	0.97
HSK-T63-TSD12-70	HSK-T63	102	70	44	26	*	63	42	12	39	12	20	M8*1.25P	1	1.1
HSK-T63-TSD16-75	HSK-T63	107	75	49	26	*	63	48	16	49	14	18	M10*1.5P	1	1.4
HSK-T63-TSD20-80	HSK-T63	112	80	54	26	*	63	52	20	51	14	18	M10*1.5P	1	1.5
HSK-T63-TSD25-85	HSK-T63	117	85	59	26	*	63	62	25	57	14	26	M12*1.75P	1	1.9
HSK-T63-TSD32-90	HSK-T63	122	90	64	26	*	63	62	32	61	14	30	M12*1.75P	1	1.9
HSK-T63-TSD40-100	HSK-T63	132	100	74	26	32	63	68	40	71	16	36	M16*2.0P	2	2.1
HSK-T100-TSD8-70	HSK-T100	120	70	41	29	*	100	28	8	34	10	18	M8*1.25P	1	2.5
HSK-T100-TSD10-75	HSK-T100	125	75	46	29	*	100	35	10	39	12	20	M8*1.25P	1	2.6
HSK-T100-TSD12-75	HSK-T100	125	75	46	29	*	100	42	12	39	12	20	M8*1.25P	1	2.7
HSK-T100-TSD16-85	HSK-T100	135	85	56	29	*	100	48	16	49	14	18	M10*1.5P	1	2.9
HSK-T100-TSD20-85	HSK-T100	135	85	56	29	*	100	52	20	51	14	18	M10*1.5P	1	2.9
HSK-T100-TSD25-90	HSK-T100	140	90	61	29	*	100	62	25	57	14	26	M12*1.75P	1	3.3
HSK-T100-TSD32-95	HSK-T100	145	95	66	29	*	100	72	32	61	14	30	M12*1.75P	1	3.9
HSK-T100-TSD40-105	HSK-T100	155	105	76	29	*	100	82	40	71	16	36	M16*2.0P	1	4.6
HSK-T100-TSD50-115	HSK-T100	165	115	86	29	*	100	92	50	81	18	38	M16*2.0P	1	5.3

车刀规格介绍 DISPLAY FOR TURNING TOOLS

锁固方式 CLAMP MECHANISM			
A	BACK CLAMP SYSTEM	M	MULTI-CLAMP SYSTEM
C	CLAMP-ON SYSTEM	P	PIN LOCK SYSTEM
D	DOUBLE CLAMP SYSTEM	S	SCREW-ON SYSTEM
E	OFF-SET PIN SYSTEM	T	TAPER LOCK SYSTEM
JS	SCREW-ON SYSTEM	W	WEDGE-ON SYSTEM
JT	BACK CLAMP SYSTEM		

离隙角 INSERT CLEARANCE	
A	3°
B	5°
C	7°
D	15°
E	20°
F	25°
G	30°
N	0°
P	11°

刀具长度 INSERT EDGE LENGTH					
Insert inscribed circle	6.35	7.94	9.525	12.00	12.70
80°	06	08	09	-	12
55°	07	-	11	-	15
35°	11	-	16	-	-
	-	-	-	12	-
	11	13	16	-	22
	-	-	09	-	12

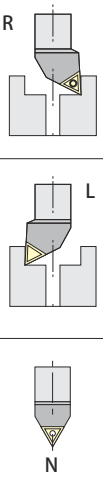
HSK-T63 - - M C L N R 45 065 - 12

刀片形状 INSERT GEOMETRY		
C		80°
D		55°
K		55°
R		
S		
T		
V		35°
W		80°
L		
H		120°
A		85°
B		82°
E		75°
M		86°
O		135°
P		108°

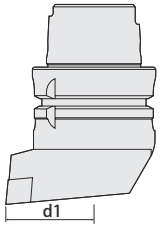
进刀角度 CUTTING EDGE GEMOETRY

A 90°	B 75°	C 90°	D 45°
E 60°	F 90°	G 90°	H 107.5°
J 93°	K 75°	L 95° / 95°	M 50°
N 63°	P 117.5°	R 75°	S 45°
T 60°	U 93°	V 72.5°	W 60°
Y 85°			

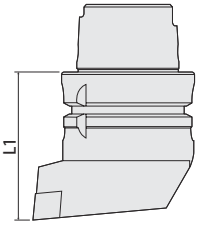
切削方向 HAND



D1 尺寸 D1 DIMENSION

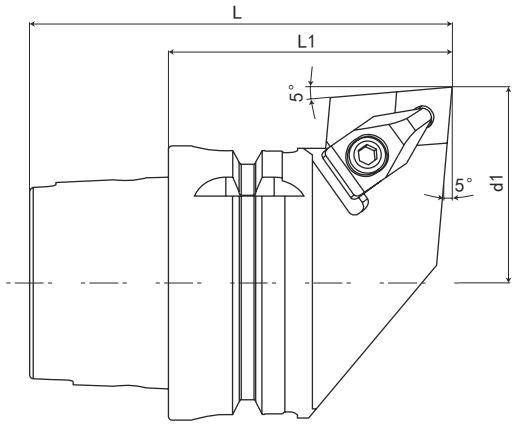


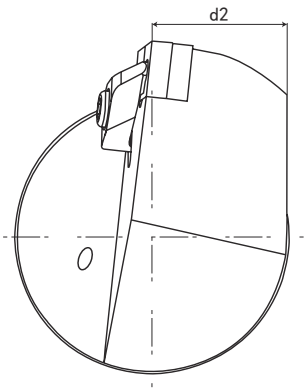
刀具尺寸 TOOL LENGTH METRIC



DCLN 外径车刀 DCLN EXTERNAL TURNING TOOL







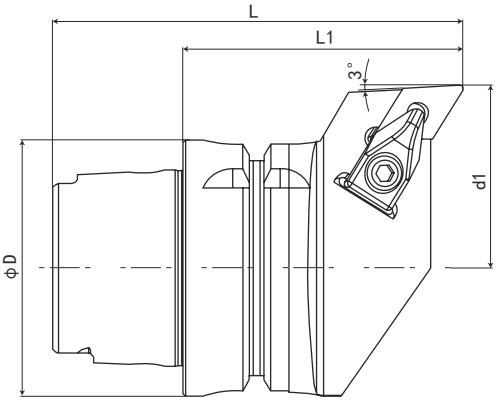
规格 Spec.	L	L1	d1	d2	刀片 Insert	重量（KGS) Weight
HSK-T63-DCLNR-45065-12	97	65	45	31	CN..1204	1.26
HSK-T63-DCLNL-45065-12	97	65	45	31	CN..1204	1.26

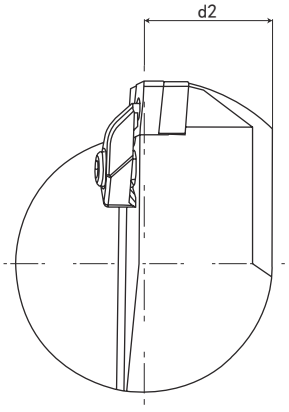
配件表 Accessories

刀片 Insert	垫片 Shim	垫片螺丝 Shim Screw	扳手 Wrench	扭力值 (N.m) Torque	压板 Clamp	压板螺丝 Clamp Screw	压板扳手 Clamp Wrench	扭力值 (N.m) Torque
CN..1204	CMS432	MLP46L-A	PL2.5	5.0	MC620	MS630	PL3	5.0

DDJN 外径车刀 DDJN EXTERNAL TURNING TOOL







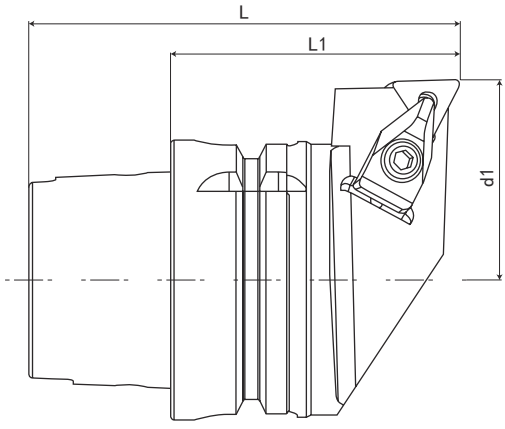
规格 Spec.	L	L1	d1	d2	刀片 Insert	重量（KGS) Weight
HSK-T63-DDJNR-45075-15	107	75	45	31	DN..1504	1.38
HSK-T63-DDJNL-45075-15	107	75	45	31	DN..1504	1.38

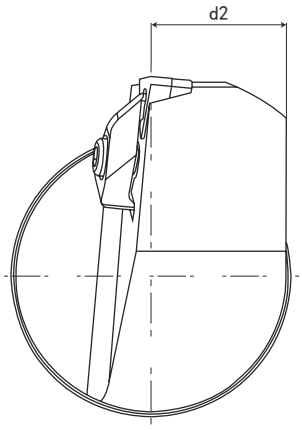
配件表 Accessories

刀片 Insert	垫片 Shim	垫片螺丝 Shim Screw	扳手 Wrench	扭力值 (N.m) Torque	压板 Clamp	压板螺丝 Clamp Screw	压板扳手 Clamp Wrench	扭力值 (N.m) Torque
DN..1504	DMS442	MLP46L-A	PL2.5	5.0	MC622	MS630	PL3	5.0

DTJN 外径车刀 DTJN EXTERNAL TURNING TOOL







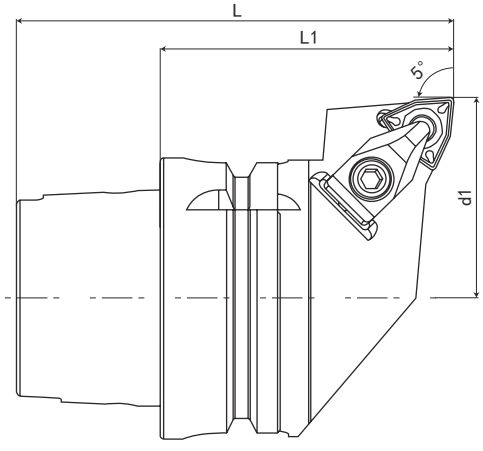
规格 Spec.	L	L1	d1	d2	刀片 Insert	重量（KGS) Weight
HSK-T63-DTJNR-45065-16	97	65	45	31	TN..1604	1.27
HSK-T63-DTJNL-45065-16	97	65	45	31	TN..1604	1.27

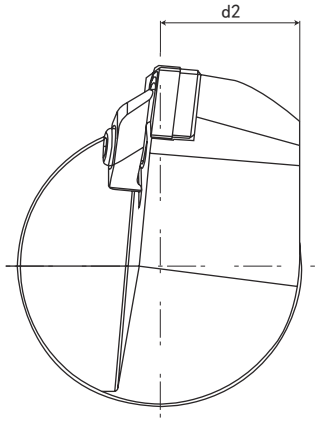
配件表 Accessories

刀片 Insert	垫片 Shim	垫片螺丝 Shim Screw	扳手 Wrench	扭力值 (N.m) Torque	压板 Clamp	压板螺丝 Clamp Screw	压板扳手 Clamp Wrench	扭力值 (N.m) Torque
TN..1604	TMS322	MLP34L-A	PL2	3.0	MC620	MS630	PL3	5.0

DWLN 外径车刀 MWLN EXTERNAL TURNING TOOL







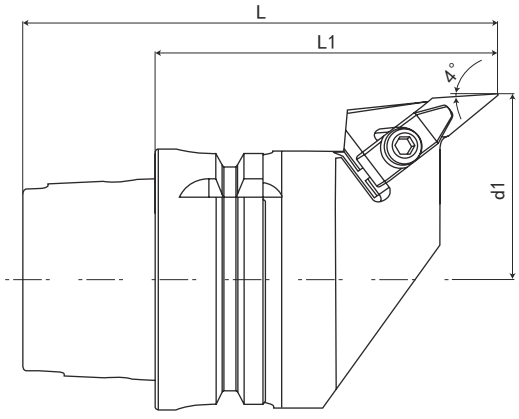
规格 Spec.	L	L1	d1	d2	刀片 Insert	重量（KGS) Weight
HSK-T63-DWLNR-45065-08	97	65	45	31	WN..0804	1.22
HSK-T63-DWLNL-45065-08	97	65	45	31	WN..0804	1.22

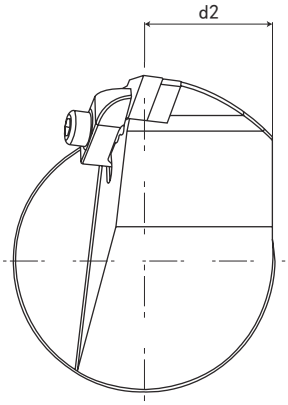
配件表 Accessories

刀片 Insert	垫片 Shim	垫片螺丝 Shim Screw	扳手 Wrench	扭力值 (N.m) Torque	压板 Clamp	压板螺丝 Clamp Screw	压板扳手 Clamp Wrench	扭力值 (N.m) Torque
WN..0804	WMS432	MLP46L-A	PL2.5	5.0	MC620	MS630	PL3	5.0

DVLN 外径车刀 MVLN EXTERNAL TURNING TOOL







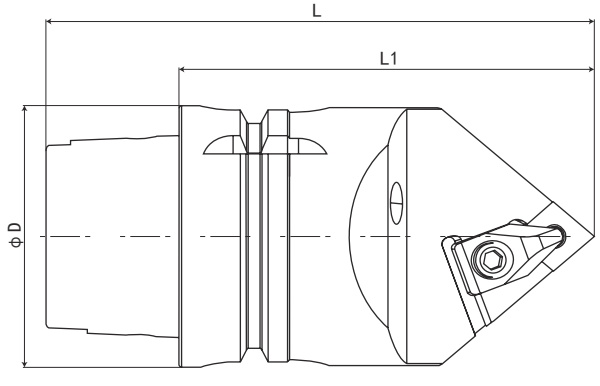
规格 Spec.	L	L1	d1	d2	刀片 Insert	重量（KGS) Weight
HSK-T63-DVLNR-45075-16	107	75	45	31	VN..1604	1.30
HSK-T63-DVLNL-45075-16	107	75	45	31	VN..1604	1.30

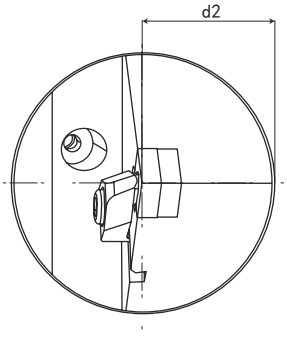
配件表 Accessories

刀片 Insert	垫片 Shim	垫片螺丝 Shim Screw	扳手 Wrench	扭力值 (N.m) Torque	压板 Clamp	压板螺丝 Clamp Screw	压板扳手 Clamp Wrench	扭力值 (N.m) Torque
VN..1604	VMS322	MLP34L-A	PL2	3.0	MC622	MS630	PL3	5.0

DCMN 外径车刀 DCMN EXTERNAL TURNING TOOL







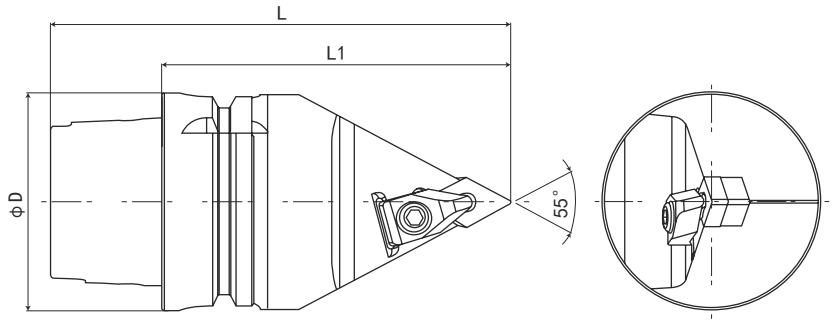
规格 Spec.	L	L1	刀片 Insert	重量（KGS) Weight
HSK-T63-DCMNN-00100-12	132	100	CN..1204	1.68
HSK-T63-DCMNN-00140-12	172	140	CN..1204	1.68

配件表 Accessories

刀片 Insert	垫片 Shim	垫片螺丝 Shim Screw	扳手 Wrench	扭力值 (N.m) Torque	压板 Clamp	压板螺丝 Clamp Screw	压板扳手 Clamp Wrench	扭力值 (N.m) Torque
CN..1204	CMS432	MLP46L-A	PL2.5	5.0	MC620	MS620	PL3	5.0

DDNN 外径车刀 DDNN EXTERNAL TURNING TOOL





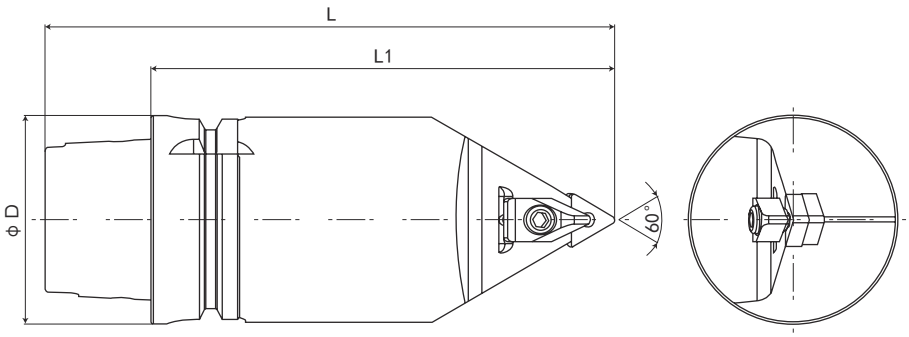
规格 Spec.	L	L1	D	刀片 Insert	重量（KGS) Weight
HSK-T63-DDNNN-00100-15	132	100	63	DN..1504	1.55
HSK-T63-DDNNN-00140-15	172	140	63	DN..1504	1.55

配件表 Accessories

刀片 Insert	垫片 Shim	垫片螺丝 Shim Screw	扳手 Wrench	扭力值 (N.m) Torque	压板 Clamp	压板螺丝 Clamp Screw	压板扳手 Clamp Wrench	扭力值 (N.m) Torque
DN..1504	DMS442	MLP46L-A	PL2.5	5.0	MC622	MS625	PL3	5.0

DTEN 外径车刀 DTEN EXTERNAL TURNING TOOL





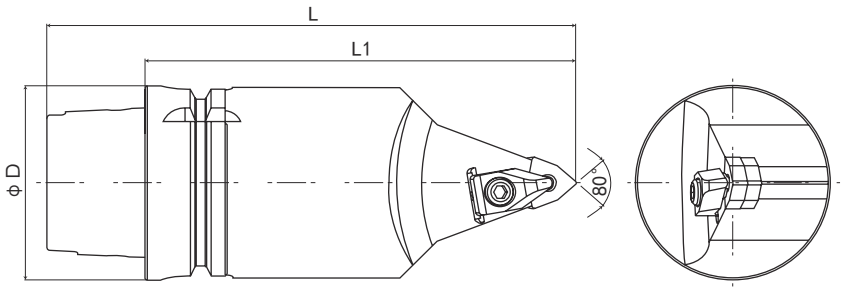
规格 Spec.	L	L1	D	刀片 Insert	重量（KGS) Weight
HSK-T63-DTENN-00100-16	132	100	63	TN..1604	1.62
HSK-T63-DTENN-00140-16	172	140	63	TN..1604	1.62

配件表 Accessories

刀片 Insert	垫片 Shim	垫片螺丝 Shim Screw	扳手 Wrench	扭力值 (N.m) Torque	压板 Clamp	压板螺丝 Clamp Screw	压板扳手 Clamp Wrench	扭力值 (N.m) Torque
TN..1604	TMS322	MLP34L-A	PL2	3.0	MC620	MS630	PL3	5.0

DWMN 外径车刀 DWMN EXTERNAL TURNING TOOL





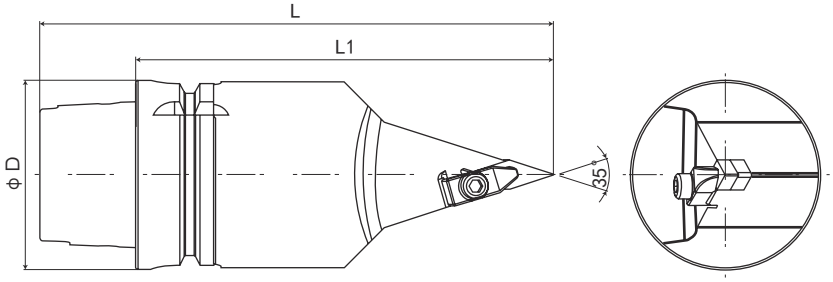
规格 Spec.	L	L1	D	刀片 Insert	重量（KGS) Weight
HSK-T63-DWMNN-00100-08	132	100	63	WN..0804	1.48
HSK-T63-DWMNN-00140-08	172	140	63	WN..0804	1.48

配件表 Accessories

刀片 Insert	垫片 Shim	垫片螺丝 Shim Screw	扳手 Wrench	扭力值 (N.m) Torque	压板 Clamp	压板螺丝 Clamp Screw	压板扳手 Clamp Wrench	扭力值 (N.m) Torque
WN..0804	WMS432	MLP46L-A	PL2.5	5.0	MC620	MS630	PL3	5.0

DVVN 外径车刀 DVVN EXTERNAL TURNING TOOL





规格 Spec.	L	L1	D	刀片 Insert	重量（KGS) Weight
HSK-T63-DVVNN-00100-16	132	100	63	VN..1604	1.40
HSK-T63-DVVNN-00140-16	172	140	63	VN..1604	1.40

配件表 Accessories

刀片 Insert	垫片 Shim	垫片螺丝 Shim Screw	扳手 Wrench	扭力值 (N.m) Torque	压板 Clamp	压板螺丝 Clamp Screw	压板扳手 Clamp Wrench	扭力值 (N.m) Torque
VN..1604	VMS322	MLP34L-A	PL2	3.0	MC622	MS630	PL3	5.0

PSC

PRECISION TOOL HOLDERS SYSTEM



PSC数控刀柄系列

CNC TOOL SYSTEMS

命名方式 NAMING AND CODING RULES

PSC40	-	D	C	L	N	R	-	27	050	-	12
01		02	03	04	05	06		07	08		09

01 接口规格 Coupling Type	
PSC	32
	40
	50
	63
	80

02 锁紧方式 Clamping	
D	压板式 Platen
P	勾杆式 Hook
S	螺钉式 Screw

03 刀片形状 Shape	
C	T
D	V
R	W
S	

04 主偏角 Kr					
D		K		S	
H		L		U	
J		N		V	

05 刀片后角 Angle
B
C
N

06 刀体方向 Direction of Tool	
L	左手方向 Left
R	右手方向 Right
N	不区分左右手方向 Null

07 F1 Size
f1

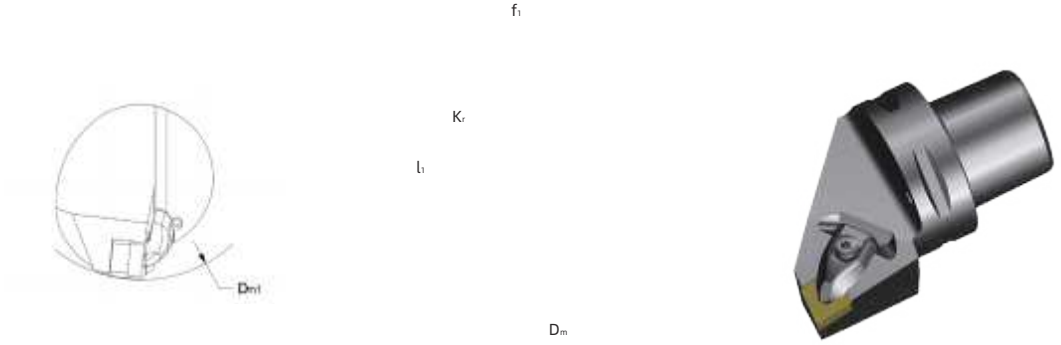
08 L1 Size
l1

09 刀片刃长 Length		
06	10	15
07	11	16
08	12	19



数控刀柄系列CNC TOOL SYSTEMS

DCLNR/L-Kr95°



- CNMM CNMG CNMA CNGA
- 刀片仅做示意

- CNMM CNMG CNMA CNGA
- The insert is for illustration only

单位 | Unit：mm

主偏角 - 加工方式 (Kr)-Application	80°	规格 Model	Dm	Dm1	f1	l1	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
95°	12	PSC32-DCLNR-22045-12	32	60	22	45	-6°	-6°	0.2	CN.. 1204..
	12	PSC32-DCLNL-22045-12	32	60	22	45	-6°	-6°	0.2	
	12	PSC40-DCLNR-27050-12	40	110	27	50	-6°	-6°	0.37	
	12	PSC40-DCLNL-27050-12	40	110	27	50	-6°	-6°	0.37	
	12	PSC50-DCLNR-35060-12	50	110	35	60	-6°	-6°	0.7	
	12	PSC50-DCLNL-35060-12	50	110	35	60	-6°	-6°	0.7	
	12	PSC63-DCLNR-45065-12	63	110	45	65	-6°	-6°	1.2	
	12	PSC63-DCLNL-45065-12	63	110	45	65	-6°	-6°	1.2	
	12	PSC80-DCLNR-55080-12	80	110	55	80	-6°	-6°	2.62	
	12	PSC80-DCLNL-55080-12	80	110	55	80	-6°	-6°	2.62	
	16	PSC40-DCLNR-27055-16	40	125	27	55	-6°	-6°	0.4	CN.. 1606..
	16	PSC40-DCLNL-27055-16	40	125	27	55	-6°	-6°	0.4	
	16	PSC50-DCLNR-35060-16	50	125	35	60	-6°	-6°	0.7	
	16	PSC50-DCLNL-35060-16	50	125	35	60	-6°	-6°	0.7	
	16	PSC63-DCLNR-45065-16	63	125	45	65	-6°	-6°	1.2	
	16	PSC63-DCLNL-45065-16	63	125	45	65	-6°	-6°	1.2	
	16	PSC80-DCLNR-55080-16	80	125	55	80	-6°	-6°	2.44	
	16	PSC80-DCLNL-55080-16	80	125	55	80	-6°	-6°	2.44	

DCLNR/L-Kr 95°

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application		规格 Model	Dm	Dm1	f1	l1	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
95°	19	PSC50-DCLNR-35060-19	50	80	35	60	-6°	-6°	0.7	CN.. 1906..
	19	PSC50-DCLNL-35060-19	50	80	35	60	-6°	-6°	0.7	
	19	PSC63-DCLNR-45065-19	63	81	45	65	-6°	-6°	1.2	
	19	PSC63-DCLNL-45065-19	63	81	45	65	-6°	-6°	1.2	
	19	PSC80-DCLNR-55080-19	80	100	55	80	-6°	-6°	2.44	
	19	PSC80-DCLNL-55080-19	80	100	55	80	-6°	-6°	2.44	
	25	PSC80-DCLNR-55080-25	80	100	55	80	-6°	-6°	2.47	CN.. 2509..
	25	PSC80-DCLNL-55080-25	80	100	55	80	-6°	-6°	2.47	

主要配件 MAIN SPARE PARTS

接口尺寸 PSC size 	刀片 Insert 	刀垫螺钉 Shim screw 	刀垫 Shim 	扳手 Key 	整套配件 Complete clamp set 
PSC32	12	ILD4085	322.236.03	248.150.10	412.028.021
PSC40-PSC80	12	ILD4085	322.234.01	248.150.10	412.028.021
PSC40-PSC80	16	ILD5011	322.234.03	248.200.10	412.028.031
PSC50-PSC80	19	ILD5011	322.236.01	248.200.10	412.028.041
PSC80	25	ILD6012	322.234.05	245.250.10	412.028.051

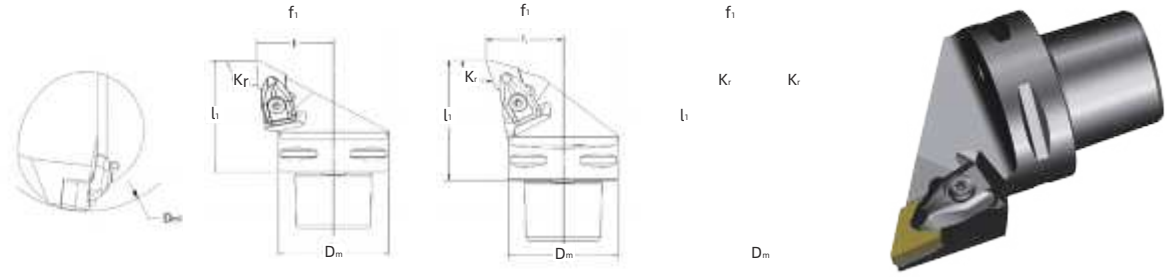
- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

规格 / 型号 Model	d1 h10	d2	d3 H10	d4 H11	d5	d6 Max.	d7 0 -0.1	d8	L1 0 -0.2	L2	L3 Min.	L4 0 -0.1	L5 ±0.1	b1 ±0.04	b2 H10	b3 H10
HSK32A	32	24.007	17	20.5	19	26	37	4	16	3.2	35	20	16	7.05	7	9
HSK40A	40	30.007	21	25.5	23	34	45	4	20	4	35	20	16	8.05	9	9
HSK50A	50	38.009	26	32	29	42	59.3	7	25	5	42	26	18	10.54	12	12
HSK63A	63	48.010	34	40	37	53	72.3	7	32	6.3	42	26	18	12.54	16	16
HSK100A	100	75.013	53	63	58	85	109.75	7	50	10	45	29	20	20.02	20	20

数控刀柄系列CNC TOOL SYSTEMS

DDJNR/L-Kr 93° / DDHNR/L-Kr 107.5° / DDNNN-Kr 62.5°



- DNMM DNMX DNMG DNMA DNGA
- 刀片仅做示意

- DNMM DNMX DNMG DNMA DNGA
- The insert is for illustration only

单位 | Unit：mm

主偏角 - 加工方式 (Kr)-Application	55°	规格 Model	Dm	Dm1	f1	l1	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
93°	11	PSC32-DDJNR-22045-11	32	60	22	45	-6°	-7°	0.19	DN.. 1104.
	11	PSC32-DDJNL-22045-11	32	60	22	45	-6°	-7°	0.19	
	11	PSC40-DDJNR-27050-11	40	60	27	50	-6°	-7°	0.34	
	11	PSC40-DDJNL-27050-11	40	60	27	50	-6°	-7°	0.34	
	11	PSC50-DDJNR-35060-11	50	65	35	60	-6°	-7°	0.65	
	11	PSC50-DDJNL-35060-11	50	65	35	60	-6°	-7°	0.65	
	11	PSC63-DDJNR-45065-11	63	81	45	65	-6°	-7°	1.08	
	11	PSC63-DDJNL-45065-11	63	81	45	65	-6°	-7°	1.08	
	15	PSC40-DDJNR-27055-15	40	110	27	55	-6°	-7°	0.36	DN.. 1506..
	15	PSC40-DDJNL-27055-15	40	110	27	55	-6°	-7°	0.36	
	15	PSC50-DDJNR-35060-15	50	110	35	60	-6°	-7°	0.36	
	15	PSC50-DDJNL-35060-15	50	110	35	60	-6°	-7°	0.36	
	15	PSC63-DDJNR-45065-15	63	110	45	65	-6°	-7°	1.05	
	15	PSC63-DDJNL-45065-15	63	110	45	65	-6°	-7°	1.05	
	15	PSC80-DDJNR-55080-15	80	110	55	80	-6°	-7°	2.16	
	15	PSC80-DDJNL-55080-15	80	110	55	80	-6°	-7°	2.16	

DDJNR/L-Kr 93° / DDHNR/L-Kr 107.5° / DDNNN-Kr 62.5°

单位 | Unit：mm

主偏角 - 加工方式 (Kr)-Application		规格 Model	Dm	Dm1	f1	l1	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
107.5°	15	PSC40-DDHNR-27055-15	40	110	27	55	-6°	-7°	0.38	DN.. 1506..
	15	PSC40-DDHNL-27055-15	40	110	27	55	-6°	-7°	0.38	
	15	PSC50-DDHNR-35060-15	50	110	35	60	-6°	-7°	0.66	
	15	PSC50-DDHNL-35060-15	50	110	35	60	-6°	-7°	0.66	
	15	PSC63-DDHNR-45065-15	63	110	45	65	-6°	-7°	1.15	
	15	PSC63-DDHNL-45065-15	63	110	45	65	-6°	-7°	1.15	
	15	PSC80-DDHNR-55080-15	80	110	55	80	-6°	-7°	2.36	
	15	PSC80-DDHNL-55080-15	80	110	55	80	-6°	-7°	2.36	
62.5°	15	PSC40-DDNNN-00055-15	40	-	0.5	55	-5°	-9°	0.38	DN.. 1506..
	15	PSC50-DDNNN-00060-15	50	-	0.5	60	-5°	-9°	0.62	
	15	PSC63-DDNNN-00065-15	63	-	0.5	65	-5°	-9°	1.06	
	15	PSC80-DDNNN-00080-15	80	-	0.5	80	-5°	-9°	2.1	

主要配件 MAIN SPARE PARTS

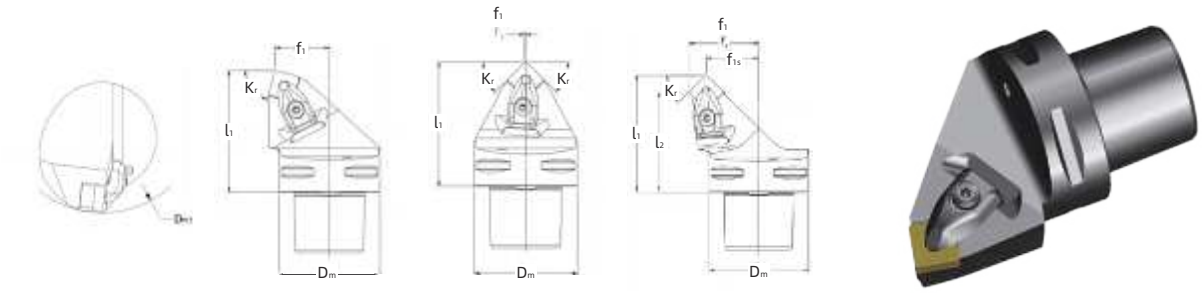
接口尺寸 PSC size 	刀片 Insert 	刀垫螺钉 Shim screw 	刀垫 Shim 	扳手 Key 	整套配件 Complete clamp set 
PSC32-PSC63	11	ILD3072	322.267.01	242.090.40	412.028.011
PSC40-PSC80	15	ILD4085	322.266.02	248.150.10	412.028.021

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

数控刀柄系列CNC TOOL SYSTEMS

DSKNR/L-Kr 75° / DSDNN-Kr 45° / DSSNR/L-Kr 45°



- SNMM SNMG SNMA SNGA
- 刀片仅做示意

- SNMM SNMG SNMA SNGA
- The insert is for illustration only

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application	90°	规格 Model	Dm	Dm1	f1	l1	f1s	l1s	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
	12	PSC32-DSKNR-22040-12	32	60	22	40	-	-	-6°	-6°	0.2	SN.. 1204..
	12	PSC32-DSKNL-22040-12	32	60	22	40	-	-	-6°	-6°	0.2	
	12	PSC40-DSKNR-27050-12	40	110	27	50	-	-	-6°	-6°	0.35	
	12	PSC40-DSKNL-27050-12	40	110	27	50	-	-	-6°	-6°	0.35	
	12	PSC50-DSKNR-35060-12	50	110	35	60	-	-	-6°	-6°	0.75	
	12	PSC50-DSKNL-35060-12	50	110	35	60	-	-	-6°	-6°	0.75	
	12	PSC63-DSKNR-45065-12	63	110	45	65	-	-	-6°	-6°	1.24	
	12	PSC63-DSKNL-45065-12	63	110	45	65	-	-	-6°	-6°	1.24	
	19	PSC50-DSKNR-35060-19	50	125	35	60	-	-	-6°	-6°	0.76	SN.. 1906..
	19	PSC50-DSKNL-35060-19	50	125	35	60	-	-	-6°	-6°	0.76	
	19	PSC63-DSKNR-45065-19	63	125	45	65	-	-	-6°	-6°	1.27	
	19	PSC63-DSKNL-45065-19	63	125	45	65	-	-	-6°	-6°	1.27	
	19	PSC80-DSKNR-55080-19	80	125	55	80	-	-	-6°	-6°	2.54	
	19	PSC80-DSKNL-55080-19	80	125	55	80	-	-	-6°	-6°	2.54	

DSKNR/L-Kr 75° / DSDNN-Kr 45° / DSSNR/L-Kr 45°

单位 | Unit: mm

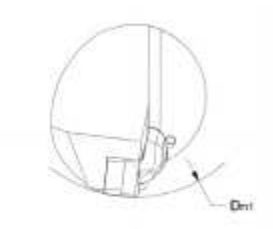
主偏角 - 加工方式 (Kr)-Application	90°	规格 Model	Dm	Dm1	f1	l1	f1s	l1s	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
	12	PSC32-DSDNN-00048-12	32	-	0.3	48	-	-	-6°	-6°	0.19	SN.. 1204..
	12	PSC40-DSDNN-00050-12	40	-	0.3	50	-	-	-6°	-6°	0.32	
	12	PSC50-DSDNN-00060-12	50	-	0.3	60	-	-	-6°	-6°	0.61	
	12	PSC63-DSDNN-00065-12	63	-	0.3	65	-	-	-6°	-6°	1.07	
	12	PSC32-DSSNR-22040-12	32	60	22	40	13.7	48.3	-8°	0°	0.19	SN.. 1204..
	12	PSC32-DSSNL-22040-12	32	60	22	40	13.7	48.3	-8°	0°	0.19	
	12	PSC40-DSSNR-27042-12	40	110	27	42	18.7	50.3	-8°	0°	0.31	
	12	PSC40-DSSNL-27042-12	40	110	27	42	18.7	50.3	-8°	0°	0.31	
	12	PSC50-DSSNR-35052-12	50	110	35	52	26.7	60.3	-8°	0°	0.6	
	12	PSC50-DSSNL-35052-12	50	110	35	52	26.7	60.3	-8°	0°	0.6	
	12	PSC63-DSSNR-45056-12	63	110	45	56	36.7	64.3	-8°	0°	0.99	
	12	PSC63-DSSNL-45056-12	63	110	45	56	36.7	64.3	-8°	0°	0.99	

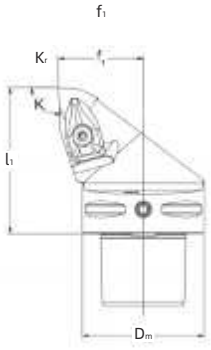
主要配件 MAIN SPARE PARTS

接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC32	12	ILD4085	322.426.02	248.150.10	412.028.021
PSC40-PSC63	12	ILD4085	322.425.01	248.150.10	412.028.021
PSC50-PSC80	19	ILD5011	322.425.04	248.200.10	412.028.041

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价
- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

DWLNR/L-Kr 95°







- WNMM WNMG WNGA WNMA
- 刀片仅做示意

- WNMM WNMG WNGA WNMA
- The insert is for illustration only

单位 | Unit：mm

主偏角 - 加工方式 (Kr)-Application	80°	规格 Model	Dm	Dm1	f1	l1	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
95°	06	PSC32-DWLNR-22040-06	32	60	22	40	-6°	-6°	0.18	WN.. 0604..
	06	PSC32-DWLNL-22040-06	32	60	22	40	-6°	-6°	0.18	
	06	PSC40-DWLNR-27050-06	40	60	27	50	-6°	-6°	0.35	
	06	PSC40-DWLNL-27050-06	40	60	27	50	-6°	-6°	0.35	
	06	PSC50-DWLNR-35060-06	50	65	35	60	-6°	-6°	0.67	
	06	PSC50-DWLNL-35060-06	50	65	35	60	-6°	-6°	0.67	
	06	PSC63-DWLNR-45065-06	63	81	45	65	-6°	-6°	1.21	
	06	PSC63-DWLNL-45065-06	63	81	45	65	-6°	-6°	1.21	

DWLNR/L-Kr 95°

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application		规格 Model	Dm	Dm1	f1	l1	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
95°	08	PSC40-DWLNR-27050-08	40	110	27	50	-6°	-6°	0.35	WN.. 0804..
	08	PSC40-DWLNL-27050-08	40	110	27	50	-6°	-6°	0.35	
	08	PSC50-DWLNR-35060-08	50	110	35	60	-6°	-6°	0.67	
	08	PSC50-DWLNL-35060-08	50	110	35	60	-6°	-6°	0.67	
	08	PSC63-DWLNR-45065-08	63	110	45	65	-6°	-6°	1.22	
	08	PSC63-DWLNL-45065-08	63	110	45	65	-6°	-6°	1.22	
	08	PSC80-DWLNR-55080-08	80	110	55	80	-6°	-6°	2.44	
	08	PSC80-DWLNL-55080-08	80	110	55	80	-6°	-6°	2.44	

主要配件 MAIN SPARE PARTS

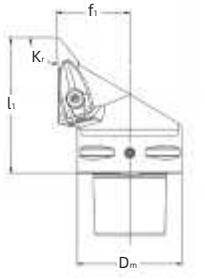
接口尺寸 PSC size 	刀片 Insert 	刀垫螺钉 Shim screw 	刀垫 Shim 	扳手 Key 	整套配件 Complete clamp set 
PSC32-PSC63	06	ILD3072	322.328.01	242.090.40	412.028.011
PSC40-PSC80	08	ILD4085	322.331.12	248.150.10	412.028.021

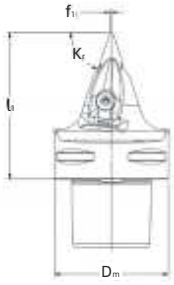
- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价
- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

数控刀柄系列CNC TOOL SYSTEMS

DVJNR/L-Kr 93° DVVNN-Kr 72.5°









- VNMG VNGP
- 刀片仅做示意

- VNMG VNGP
- The insert is for illustration only

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application	35°	规格 Model	Dm	Dm1	f1	l1	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
93°	16	PSC40-DVJNR-27062-16	40	60	27	62	4°	-13°	0.40	VN.. 1604..
	16	PSC40-DVJNL-27062-16	40	60	27	62	4°	-13°	0.40	
	16	PSC50-DVJNR-35065-16	50	65	35	65	4°	-13°	0.65	
	16	PSC50-DVJNL-35065-16	50	65	35	65	4°	-13°	0.65	
	16	PSC63-DVJNR-45065-16	63	81	45	65	4°	-13°	1.01	
	16	PSC63-DVJNL-45065-16	63	81	45	65	4°	-13°	1.01	
	16	PSC80-DVJNR-55080-16	80	100	55	80	4°	-13°	2.10	
	16	PSC80-DVJNL-55080-16	80	100	55	80	4°	-13°	2.10	
72.5°	16	PSC40-DVVNN-00062-16	40	-	0.6	62	4°	-13°	0.41	VN.. 1604..
	16	PSC50-DVVNN-00065-16	50	-	0.6	65	4°	-13°	0.63	
	16	PSC63-DVVNN-00065-16	63	-	0.6	65	4°	-13°	1.03	
	16	PSC80-DVVNN-00080-16	80	-	0.6	80	4°	-13°	2.00	

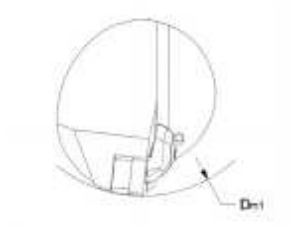
主要配件 MAIN SPARE PARTS

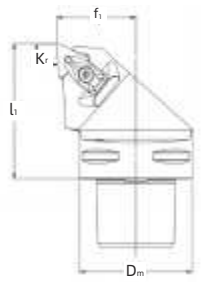
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC40-PSC80	16	ILD3581	322.269.01	248.150.10	412.028.61

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

DTJNR/L-Kr 93°







- TNMM TNMX TNMG TNMA TNGA
- 刀片仅做示意

- TNMM TNMX TNMG TNMA TNGA
- The insert is for illustration only

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application	△	规格 Model	Dm	Dm1	f1	l1	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
93°	16	PSC32-DTJNR-22040-16	32	60	22	40	-6°	-6°	0.20	TN.. 1604..
	16	PSC32-DTJNL-22040-16	32	60	22	40	-6°	-6°	0.20	
	16	PSC40-DTJNR-27050-16	40	110	27	50	-6°	-6°	0.43	
	16	PSC40-DTJNL-27050-16	40	110	27	50	-6°	-6°	0.43	
	16	PSC50-DTJNR-35060-16	50	110	35	60	-6°	-6°	0.78	
	16	PSC50-DTJNL-35060-16	50	110	35	60	-6°	-6°	0.78	
	16	PSC63-DTJNR-45065-16	63	110	45	65	-6°	-6°	1.34	
	16	PSC63-DTJNL-45065-16	63	110	45	65	-6°	-6°	1.34	

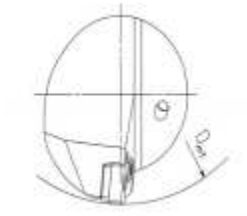
主要配件 MAIN SPARE PARTS

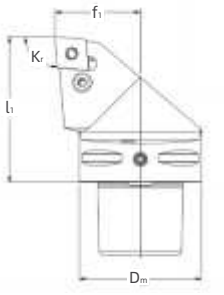
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC32	16	ILD3072	322.316.01	242.090.40	412.028.11
PSC40-PSC80	16	ILD3072	322.315.02	242.090.40	412.028.11

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

PCLNR/L-Kr 95°







- CNMM CNMG CNMA CNGA
- 刀片仅做示意

- CNMM CNMG CNMA CNGA
- The insert is for illustration only

单位 | Unit：mm

主偏角 - 加工方式 (Kr)-Application	80°	规格 Model	Dm	f1	l1	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
95°	12	PSC40-PCLNR-27050-12	40	27	50	-6°	-6°	0.36	CN.. 1204..
	12	PSC40-PCLNL-27050-12	40	27	50	-6°	-6°	0.36	
	12	PSC50-PCLNR-35060-12	50	35	60	-6°	-6°	0.68	
	12	PSC50-PCLNL-35060-12	50	35	60	-6°	-6°	0.68	
	12	PSC63-PCLNR-45065-12	63	45	65	-6°	-6°	1.19	
	12	PSC63-PCLNL-45065-12	63	45	65	-6°	-6°	1.19	
	12	PSC80-PCLNR-55080-12	80	55	80	-6°	-6°	2.39	
	12	PSC80-PCLNL-55080-12	80	55	80	-6°	-6°	2.39	
	16	PSC40-PCLNR-27050-16	40	27	50	-6°	-6°	0.35	CN.. 1606..
	16	PSC40-PCLNL-27050-16	40	27	50	-6°	-6°	0.35	
	16	PSC50-PCLNR-35060-16	50	35	60	-6°	-6°	0.68	
	16	PSC50-PCLNL-35060-16	50	35	60	-6°	-6°	0.68	
	16	PSC63-PCLNR-45065-16	63	45	65	-6°	-6°	1.19	
	16	PSC63-PCLNL-45065-16	63	45	65	-6°	-6°	1.19	
	16	PSC80-PCLNR-55080-16	80	55	80	-6°	-6°	2.39	
	16	PSC80-PCLNL-55080-16	80	55	80	-6°	-6°	2.39	

PCLNR/L-Kr 95°

单位 | Unit：mm

主偏角 - 加工方式 (Kr)-Application		规格 Model	Dm	f1	l1	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
95°	19	PSC50-PCLNR-35060-19	50	35	60	-6°	-6°	0.68	CN.. 1906..
	19	PSC50-PCLNL-35060-19	50	35	60	-6°	-6°	0.68	
	19	PSC63-PCLNR-45065-19	63	45	65	-6°	-6°	1.19	
	19	PSC63-PCLNL-45065-19	63	45	65	-6°	-6°	1.19	
	19	PSC80-PCLNR-55080-19	80	55	80	-6°	-6°	2.39	
	19	PSC80-PCLNL-55080-19	80	55	80	-6°	-6°	2.39	

主要配件 MAIN SPARE PARTS

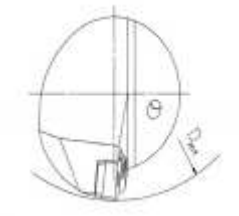
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	勾杆 Lever
PSC40-PSC63	12	414.438.21	322.318.50	241.030.63	413.438.41
PSC40-PSC80	16	414.838.31	322.318.52	241.030.63	413.838.40
PSC50-PSC80	19	414.438.22	322.318.51	241.030.63	413.438.42

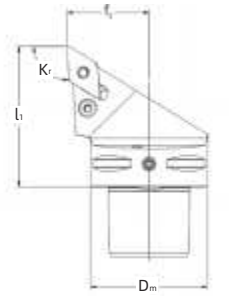
- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

数控刀柄系列CNC TOOL SYSTEMS

PDJNR/L-Kr 93°







- DNMM DNMX DNMG DNMA DNGA
- 刀片仅做示意

- DNMM DNMX DNMG DNMA DNGA
- The insert is for illustration only

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application	55°	规格 Model	Dm	f1	l1	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
93°	15	PSC40-PDJNR-27055-15	40	27	55	-6°	-7°	0.36	DN.. 1506..
	15	PSC40-PDJNL-27055-15	40	27	55	-6°	-7°	0.36	
	15	PSC50-PDJNR-35060-15	50	35	60	-6°	-7°	0.62	
	15	PSC50-PDJNL-35060-15	50	35	60	-6°	-7°	0.62	
	15	PSC63-PDJNR-45065-15	63	45	65	-6°	-7°	1.05	
	15	PSC63-PDJNL-45065-15	63	45	65	-6°	-7°	1.05	

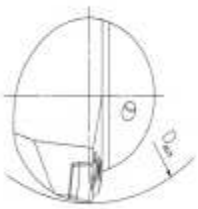
主要配件 MAIN SPARE PARTS

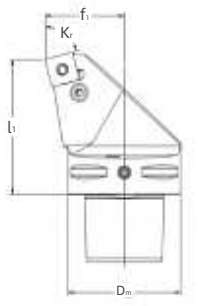
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	勾杆 Lever
PSC40-PSC63	15	414.438.30	322.358.51	241.030.63	413.438.47

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

PSKNR/L-Kr 75°







- SNMM SNMG SNMA SNGA
- 刀片仅做示意

- SNMM SNMG SNMA SNGA
- The insert is for illustration only

单位 | Unit：mm

主偏角 - 加工方式 (Kr)-Application	90°	规格 Model	Dm	f1	l1	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
75°	12	PSC40-PSKNR-27050-12	40	27	50	-6°	-6°	0.34	SN.. 1204..
	12	PSC40-PSKNL-27050-12	40	27	50	-6°	-6°	0.34	
	12	PSC50-PSKNR-35060-12	50	35	60	-6°	-6°	0.72	
	12	PSC50-PSKNL-35060-12	50	35	60	-6°	-6°	0.72	
	12	PSC63-PSKNR-45065-12	63	45	65	-6°	-6°	1.15	
	12	PSC63-PSKNL-45065-12	63	45	65	-6°	-6°	1.15	

主要配件 MAIN SPARE PARTS

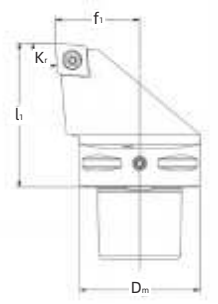
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	勾杆 Lever
PSC40-PSC63	12	414.438.21	322.438.51	241.030.63	413.438.41

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

数控刀柄系列CNC TOOL SYSTEMS

SCLCR/L-Kr 95°





- CCMT CCGT CCGX CCET CCMW
- 刀片仅做示意

- CCMT CCGT CCGX CCET CCMW
- The insert is for illustration only

单位 | Unit：mm

主偏角 - 加工方式 (Kr)-Application	80°	规格 Model	Dm	f1	l1	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
95°	12	PSC32-SCLCR-22040-12	32	22	40	0°	0°	0.2	CC..1204..
	12	PSC32-SCLCL-22040-12	32	22	40	0°	0°	0.2	
	12	PSC40-SCLCR-27050-12	40	27	50	0°	0°	0.44	
	12	PSC40-SCLCL-27050-12	40	27	50	0°	0°	0.44	
	12	PSC50-SCLCR-35060-12	50	35	60	0°	0°	0.77	
	12	PSC50-SCLCL-35060-12	50	35	60	0°	0°	0.77	
	12	PSC63-SCLCR-45065-12	63	45	65	0°	0°	1.34	
	12	PSC63-SCLCL-45065-12	63	45	65	0°	0°	1.34	

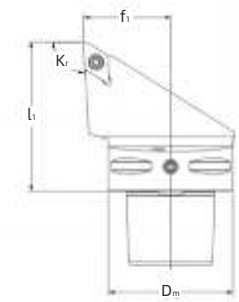
主要配件 MAIN SPARE PARTS

接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	刀片螺钉 Insert screw
PSC32-PSC63	12	512.090.03	322.232.02	248.150.10 & 241.040.70	ILD4014

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

SDJCR/L-Kr 93°





- DCMT DCMX DCGT DCGX DCET DCMW
- 刀片仅做示意

- DCMT DCMX DCGT DCGX DCET DCMW
- The insert is for illustration only

单位 | Unit：mm

主偏角 - 加工方式 (Kr)-Application	55°	规格 Model	Dm	f1	l1	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
93°	11	PSC32-SDJCR-22040-11	32	22	40	0°	0°	0.16	DC..11T3..
	11	PSC32-SDJCL-22040-11	32	22	40	0°	0°	0.16	
	11	PSC40-SDJCR-27050-11	40	27	50	0°	0°	0.33	
	11	PSC40-SDJCL-27050-11	40	27	50	0°	0°	0.33	
	11	PSC50-SDJCR-35060-11	50	35	60	0°	0°	0.63	
	11	PSC50-SDJCL-35060-11	50	35	60	0°	0°	0.63	
	11	PSC63-SDJCR-45065-11	63	45	65	0°	0°	1.05	
	11	PSC63-SDJCL-45065-11	63	45	65	0°	0°	1.05	

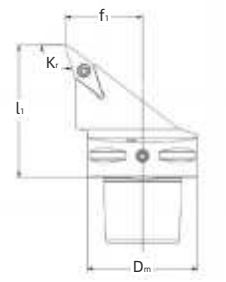
主要配件 MAIN SPARE PARTS

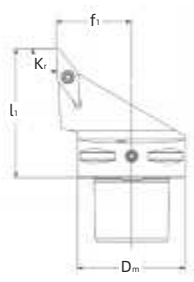
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	刀片螺钉 Insert screw
PSC32-PSC63	11	512.090.01	322.263.01	248.150.10 & 241.035.65	ILD3512

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

SVHBR/L-Kr 107.5° / SVJBR/L-Kr 93°







- VBMT VBGT VCGX VCEX VCGT VCET VBMW VCMW
- 刀片仅做示意

- VBMT VBGT VCGX VCEX VCGT VCET VBMW VCMW
- The insert is for illustration only

单位 | Unit：mm

主偏角 - 加工方式 (Kr)-Application	35°	规格 Model	Dm	f1	l1	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
107.5°	16	PSC40-SVHBR-27050-16	40	27	50	0°	0°	0.38	VB..1604.. VC..1604..
	16	PSC40-SVHBL-27050-16	40	27	50	0°	0°	0.38	
	16	PSC50-SVHBR-35060-16	50	35	60	0°	0°	0.64	
	16	PSC50-SVHBL-35060-16	50	35	60	0°	0°	0.64	
	16	PSC63-SVHBR-45065-16	63	45	65	0°	0°	1.12	
	16	PSC63-SVHBL-45065-16	63	45	65	0°	0°	1.12	
93°	16	PSC40-SVJBR-27050-16	40	27	50	0°	0°	0.35	VB..1604.. VC..1604..
	16	PSC40-SVJBL-27050-16	40	27	50	0°	0°	0.35	
	16	PSC50-SVJBR-35060-16	50	35	60	0°	0°	0.7	
	16	PSC50-SVJBL-35060-16	50	35	60	0°	0°	0.7	
	16	PSC63-SVJBR-45065-16	63	45	65	0°	0°	1.11	
	16	PSC63-SVJBL-45065-16	63	45	65	0°	0°	1.11	

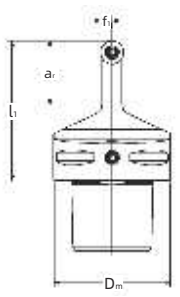
主要配件 MAIN SPARE PARTS

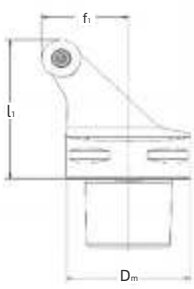
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	刀片螺钉 Insert screw
PSC32-PSC63	16	512.090.01	322.270.01	248.150.10 & 241.035.65	ILD3512

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

SRDCN / SRSCR/L







- RCMT RCGX-AL
- 刀片仅做示意

- RCMT RCGX-AL
- The insert is for illustration only

单位 | Unit：mm

主偏角 - 加工方式 (Kr)-Application		规格 Model	Dm	ar	f1	l1	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
	10	PSC32-SRDCN-00040-10A	32	20	5	40	0°	0°	0.13	RC.10T3M0
	10	PSC40-SRDCN-00050-10A	40	25	5	50	0°	0°	0.27	
	10	PSC50-SRDCN-00060-10A	50	25	5	60	0°	0°	0.51	
	10	PSC63-SRDCN-00065-10A	63	25	5	65	0°	0°	0.91	
	16	PSC50-SRSCR-35060-16	50	-	35	60	0°	0°	0.56	RC.1606M0
	16	PSC50-SRSCL-35060-16	50	-	35	60	0°	0°	0.56	
	16	PSC63-SRSCR-45065-16	63	-	45	65	0°	0°	1.03	
	16	PSC63-SRSCL-45065-16	63	-	45	65	0°	0°	1.03	

主要配件 MAIN SPARE PARTS

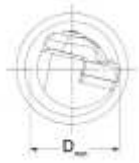
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	刀片螺钉 Insert screw
PSC32-PSC63	10	512.090.01	322.110.01	248.150.10 & 251.035.65	ILD3510
PSC50-PSC63	16	512.090.06	322.110.03	248.200.10 & 241.050.80	ILD5017

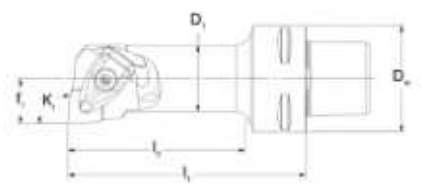
- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

数控刀柄系列CNC TOOL SYSTEMS

内圆车刀体 DCLNR/L-Kr 95°







- CNMM CNMG CNMA CNGA
- 刀片仅做示意

- CNMM CNMG CNMA CNGA
- The insert is for illustration only

单位 | Unit：mm

主偏角 - 加工方式 (Kr)-Application	80°	规格 Model	Dm	Dmin	D1	f1	l1	l3	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
95°	12	PSC40-DCLNR-17090-12	40	32	25	17	90	69	-6°	-12°	0.47	CN.. 1204..
	12	PSC40-DCLNL-17090-12	40	32	25	17	90	69	-6°	-12°	0.47	
	12	PSC50-DCLNR-17090-12	50	32	25	17	90	67	-6°	-12°	0.65	
	12	PSC50-DCLNL-17090-12	50	32	25	17	90	67	-6°	-12°	0.65	
	12	PSC63-DCLNR-17100-12	63	32	25	17	100	73	-6°	-12°	1.04	
	12	PSC63-DCLNL-17100-12	63	32	25	17	100	73	-6°	-12°	1.04	

主要配件 MAIN SPARE PARTS

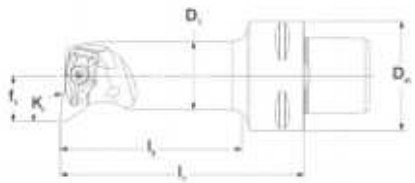
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC40-PSC63	12	ILD4085	322.236.03	248.150.10	412.028.021

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

DDUNR/L-Kr 93°







- DNMM DNMX DNMG DNMA DNGA
- 刀片仅做示意

- DNMM DNMX DNMG DNMA DNGA
- The insert is for illustration only

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application	55°	规格 Model	Dm	Dmin	D1	f1	l1	l3	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
93°	11	PSC40-DDUNR-17090-11	40	32	25	17	90	68	-6°	-12°	0.47	DN.. 1104..
	11	PSC40-DDUNL-17090-11	40	32	25	17	90	68	-6°	-12°	0.47	
	11	PSC50-DDUNR-17090-11	50	32	25	17	90	66	-6°	-12°	0.65	
	11	PSC50-DDUNL-17090-11	50	32	25	17	90	66	-6°	-12°	0.65	
	15	PSC40-DDUNR-27080-15	40	50	39.7	27	80	59	-6°	-11°	1.04	DN.. 1506..
	15	PSC40-DDUNL-27080-15	40	50	39.7	27	80	59	-6°	-11°	1.04	
	15	PSC50-DDUNR-27140-15	50	50	40	27	140	118	-6°	-11°	1.04	
	15	PSC50-DDUNL-27140-15	50	50	40	27	140	118	-6°	-11°	1.04	
	15	PSC63-DDUNR-27140-15	63	50	40	27	140	114	-6°	-11°	1.04	
	15	PSC63-DDUNL-27140-15	63	50	40	27	140	114	-6°	-11°	1.04	

主要配件 MAIN SPARE PARTS

接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC40-PSC50	11	ILD3512	322.267.01	242.090.40	412.028.011
PSC40-PSC63	15	ILD4085	322.266.02	248.150.10	412.028.021

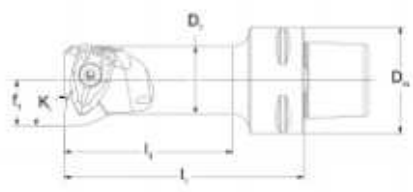
- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

数控刀柄系列CNC TOOL SYSTEMS

DWLNR/L-Kr 95°







- WNMM WNMG WNGA WNMA
- 刀片仅做示意

- WNMM WNMG WNGA WNMA
- The insert is for illustration only

单位 | Unit：mm

主偏角 - 加工方式 (Kr)-Application	80°	规格 Model	Dm	Dmin	D1	f1	l1	l3	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
95°	08	PSC40-DWLNR-17090-08	40	32	25	17	90	69	-0°	-6°	0.48	WN.. 0804..
	08	PSC40-DWLNL-17090-08	40	32	25	17	90	69	-0°	-6°	0.48	
	08	PSC50-DWLNR-17090-08	50	32	25	17	90	69	-0°	-6°	0.67	
	08	PSC50-DWLNL-17090-08	50	32	25	17	90	69	-0°	-6°	0.67	

主要配件 MAIN SPARE PARTS

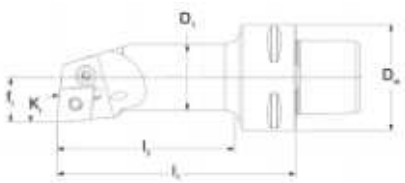
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC40-PSC50	08	ILD4085	322.328.02	248.150.10	412.028.021

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

PCLNR/L-Kr 95°







- CNMM CNMG CNMA CNGA
- 刀片仅做示意

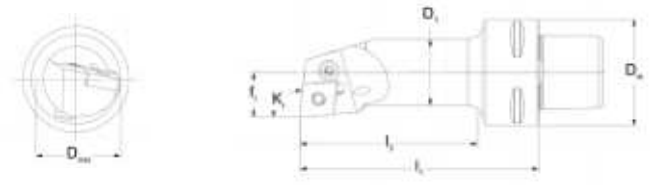
- CNMM CNMG CNMA CNGA
- The insert is for illustration only

单位 | Unit：mm

主偏角 - 加工方式 (Kr)-Application	80°	规格 Model	Dm	Dmin	D1	f1	l1	l3	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
95°	12	PSC32-PCLNR-17090-12	32	32	25	17	90	75	-6°	-11°	0.3	CN.. 1204..
	12	PSC32-PCLNL-17090-12	32	32	25	17	90	75	-6°	-11°	0.3	
	12	PSC32-PCLNR-22064-12	32	40	32	22	64	50	-6°	-11°	0.3	
	12	PSC32-PCLNL-22064-12	32	40	32	22	64	50	-6°	-11°	0.3	
	12	PSC32-PCLNR-22096-12	32	40	32	22	96	82	-6°	-11°	0.3	
	12	PSC32-PCLNL-22096-12	32	40	32	22	96	82	-6°	-11°	0.3	
	12	PSC40-PCLNR-17090-12	40	32	25	17	90	69	-6°	-11°	0.5	
	12	PSC40-PCLNL-17090-12	40	32	25	17	90	69	-6°	-11°	0.5	
	12	PSC40-PCLNR-22110-12	40	40	32	22	110	89	-6°	-11°	0.5	
	12	PSC40-PCLNL-22110-12	40	40	32	22	110	89	-6°	-11°	0.5	
	12	PSC40-PCLNR-27080-12	40	50	40	27	80	60	-6°	-10°	0.5	
	12	PSC40-PCLNL-27080-12	40	50	40	27	80	60	-6°	-10°	0.5	
	12	PSC40-PCLNR-27120-12	40	50	40	27	120	100	-6°	-11°	0.5	
	12	PSC40-PCLNL-27120-12	40	50	40	27	120	100	-6°	-11°	0.5	

数控刀柄系列CNC TOOL SYSTEMS

PCLNR/L-Kr 95°





- CNMM CNMG CNMA CNGA
- 刀片仅做示意

- CNMM CNMG CNMA CNGA
- The insert is for illustration only

单位 | Unit: mm

主偏角 - 加工方式 (Kr)-Application	80°	规格 Model	Dm	Dmin	D1	f1	l1	l3	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
95°	12	PSC50-PCLNR-17090-12	50	32	25	17	90	67	-6°	-11°	0.65	CN.. 1204..
	12	PSC50-PCLNL-17090-12	50	32	25	17	90	67	-6°	-11°	0.65	
	12	PSC50-PCLNR-22110-12	50	40	32	22	110	88	-6°	-11°	0.66	
	12	PSC50-PCLNL-22110-12	50	40	32	22	110	88	-6°	-11°	0.66	
	12	PSC50-PCLNR-27140-12	50	50	40	27	140	119	-6°	-10°	0.67	
	12	PSC50-PCLNL-27140-12	50	50	40	27	140	119	-6°	-10°	0.67	
	12	PSC50-PCLNR-35100-12	50	63	50	35	100	81	-6°	-7°	0.68	
	12	PSC50-PCLNL-35100-12	50	63	50	35	100	81	-6°	-7°	0.68	
	12	PSC63-PCLNR-17100-12	63	32	25	17	100	74	-6°	-11°	1	
	12	PSC63-PCLNL-17100-12	63	32	25	17	100	74	-6°	-11°	1	
	12	PSC63-PCLNR-22110-12	63	40	32	22	110	84	-6°	-11°	1.2	
	12	PSC63-PCLNL-22110-12	63	40	32	22	110	84	-6°	-11°	1.2	

主要配件 MAIN SPARE PARTS

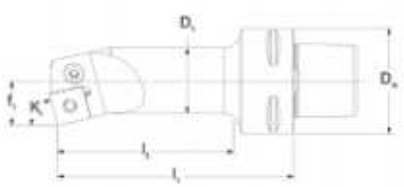
接口尺寸 PSC size	刀片 Insert	螺钉 Screw	刀垫 Shim	扳手 Key	勾杆 Lever
PSC32-PSC63(D25)	12	414.838.32	-	241.025.56	413.838.41-1
PSC32-PSC63(D32-D50)	12	414.438.21	322.318.50	241.030.63	413.438.41

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

PSKNR-Kr 75°







- SNMM SNMG SNMA SNGA
- 刀片仅做示意

- SNMM SNMG SNMA SNGA
- The insert is for illustration only

单位 | Unit：mm

主偏角 - 加工方式 (Kr)-Application	90°	规格 Model	Dm	Dmin	D1	f1	l1	l3	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
75°	12	PSC40-PSKNR-17090-12	40	32	25	17	90	69	-6°	-11°	0.45	SN.. 1204..
	12	PSC50-PSKNR-17090-12	50	32	25	17	90	67	-6°	-11°	0.51	
	12	PSC50-PSKNR-22110-12	50	40	32	22	110	88	-6°	-10°	0.7	
	12	PSC50-PSKNR-27140-12	50	50	40	27	140	119	-6°	-10°	1.4	
	12	PSC63-PSKNR-22110-12	63	40	32	22	110	84	-6°	-10°	1.3	

主要配件 MAIN SPARE PARTS

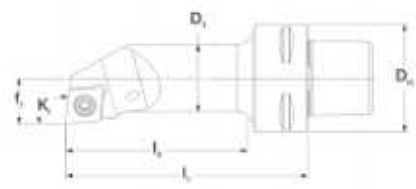
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	勾杆 Lever
PSC40-PSC50(D25)	12	414.838.32	-	241.025.56	413.838.41-1
PSC50-PSC63(D32-D40)	12	414.438.21	322.438.51	241.030.63	413.438.41

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

SCLCR/L-Kr 95°







- CCMT CCGT CCGX CCET CCMW
- 刀片仅做示意

- CCMT CCGT CCGX CCET CCMW
- The insert is for illustration only

单位 | Unit：mm

主偏角 - 加工方式 (Kr)-Application	80°	规格 Model	Dm	Dmin	D1	f1	l1	l3	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
95°	12	PSC32-SCLCR-17090-12	32	32	25	17	90	75	0°	-6°	0.32	CC..1204..
	12	PSC32-SCLCL-17090-12	32	32	25	17	90	75	0°	-6°	0.32	
	12	PSC32-SCLCR-22064-12	32	40	31.7	22	64	50	0°	-10°	0.31	
	12	PSC32-SCLCL-22064-12	32	40	31.7	22	64	50	0°	-10°	0.31	
	12	PSC32-SCLCR-22090-12	32	40	31.7	22	90	82	0°	-10°	0.5	
	12	PSC32-SCLCL-22090-12	32	40	31.7	22	90	82	0°	-10°	0.5	
	12	PSC40-SCLCR-17090-12	40	32	25	17	90	69	0°	-6°	0.45	
	12	PSC40-SCLCL-17090-12	40	32	25	17	90	69	0°	-6°	0.45	
	12	PSC40-SCLCR-22110-12	40	40	32	22	110	89	0°	-10°	0.68	
	12	PSC40-SCLCL-22110-12	40	40	32	22	110	89	0°	-10°	0.68	
	12	PSC40-SCLCR-27080-12	40	50	39.7	27	80	60	0°	-8°	0.63	
	12	PSC40-SCLCL-27080-12	40	50	39.7	27	80	60	0°	-8°	0.63	

SCLCR/L-Kr 95°

单位 | Unit：mm

主偏角 - 加工方式 (Kr)-Application		规格 Model	Dm	Dmin	D1	f1	l1	l3	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
95°	12	PSC50-SCLCR-17090-12	50	32	25	17	90	67	0°	-6°	0.63	CC..1204..
	12	PSC50-SCLCL-17090-12	50	32	25	17	90	67	0°	-6°	0.63	
	12	PSC50-SCLCR-22110-12	50	40	32	22	110	88	0°	-10°	0.87	
	12	PSC50-SCLCL-22110-12	50	40	32	22	110	88	0°	-10°	0.87	
	12	PSC50-SCLCR-27140-12	50	50	40	27	140	119	0°	-8°	1.35	
	12	PSC50-SCLCL-27140-12	50	50	40	27	140	119	0°	-8°	1.35	
	12	PSC50-SCLCR-35100-12	50	63	49.7	35	100	80	0°	-5°	1.27	
	12	PSC50-SCLCL-35100-12	50	63	49.7	35	100	80	0°	-5°	1.27	

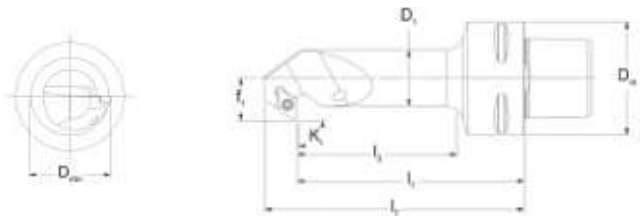
主要配件 MAIN SPARE PARTS

接口尺寸 PSC size 	刀片 Insert 	螺钉 Screw 	刀垫 Shim 	扳手 Key 	刀片螺钉 Insert screw 
PSC32-PSC50(D25)	12	-	-	248.150.10	ILD4011-A
PSC32-PSC50(D32-D40)	12	512.090.03	322.232.02	248.150.10 & 241.040.70	ILD4014

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价
- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

数控刀柄系列CNC TOOL SYSTEMS

SDUCR/L-Kr 93°





- DCMT DCMX DCGT DCGX DCET DCMW
- 刀片仅做示意

- DCMT DCMX DCGT DCGX DCET DCMW
- The insert is for illustration only

单位 | Unit：mm

主偏角 - 加工方式 (Kr)-Application	55°	规格 Model	Dm	Dmin	D1	f1	l1	l3	l7	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
93°	07	PSC32-SDUCR-13070-07X	32	22	16	13	70	54	80.7	0°	-6°	0.19	DC.. 0702..
	07	PSC32-SDUCL-13070-07X	32	22	16	13	70	54	80.7	0°	-6°	0.19	
	07	PSC32-SDUCR-15080-07X	32	27	20	15	80	64	91.5	0°	-3°	0.26	
	07	PSC32-SDUCL-15080-07X	32	27	20	15	80	64	91.5	0°	-3°	0.26	
	07	PSC40-SDUCR-13070-07X	40	22	16	13	70	48	80.7	0°	-6°	0.32	
	07	PSC40-SDUCL-13070-07X	40	22	16	13	70	48	80.7	0°	-6°	0.32	
	07	PSC40-SDUCR-15080-07X	40	27	20	15	80	58	91.5	0°	-3°	0.39	
	07	PSC40-SDUCL-15080-07X	40	27	20	15	80	58	91.5	0°	-3°	0.39	
	07	PSC40-SDUCR-18090-07X	40	32	25	18	90	69	101.5	0°	-3°	0.49	
	07	PSC40-SDUCL-18090-07X	40	32	25	18	90	69	101.5	0°	-3°	0.49	
	07	PSC50-SDUCR-15080-07X	50	27	20	15	80	58	91.5	0°	-3°	0.58	
	07	PSC50-SDUCL-15080-07X	50	27	20	15	80	58	91.5	0°	-3°	0.58	
	07	PSC50-SDUCR-18090-07X	50	32	25	18	90	68	101.5	0°	-3°	0.67	
	07	PSC50-SDUCL-18090-07X	50	32	25	18	90	68	101.5	0°	-3°	0.67	

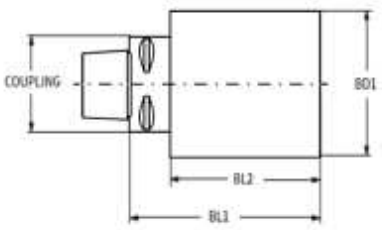
主要配件 MAIN SPARE PARTS

接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	刀片螺钉 Insert screw
PSC32-PSC50	07	-	-	242.070.35	ILD2565

- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

接纳器 PSC 毛坯 PSC BLANK





单位 | Unit：mm

接口尺寸 PSC size	规格 Model	BD1	BL1	BL2
PSC32	BLPSC32A040110M	40	110	BL1-15
	BLPSC32A050110M	50	110	BL1-15
	BLPSC32A050125M	50	125	BL1-15
	BLPSC32A070060M	70	60	BL1-15
	BLPSC32A090070M	90	70	BL1-15
PSC40	BLPSC40A040095M	40	95	BL1-20
	BLPSC40A060130M	60	130	BL1-20
	BLPSC40A060165M	60	165	BL1-20
	BLPSC40A080075M	80	75	BL1-20
	BLPSC40A100085M	100	85	BL1-20
PSC50	BLPSC50A050125M	50	125	BL1-20
	BLPSC50A075175M	75	175	BL1-20
	BLPSC50A090080M	90	80	BL1-20
	BLPSC50A110090M	110	90	BL1-20
PSC63	BLPSC63A072120M	72	120	BL1-22
	BLPSC63A075195M	75	195	BL1-22
	BLPSC63A100080M	100	80	BL1-22
	BLPSC63A110085M	110	85	BL1-22
	BLPSC63A130095M	130	95	BL1-22
PSC80	BLPSC80A080200M	80	200	BL1-22
	BLPSC80A120095M	120	95	BL1-30
	BLPSC80A120160M	120	160	BL1-30
	BLPSC80A130090M	130	90	BL1-30

PSC 接纳器命名方式 PSC CLAMPING UNIT NAMING AND CODING RULES

PSC40	-	R	CUSA	-	24	043	M
01		02	03		04	05	06

01 接口规格 Coupling Type	
PSC	32
	40
	50
	63
	80
	80X

02 刀体方向 Hand of Tool	
L	左手方 Left
R	右手方向 Right
N	不区分左右手方向 Null

03 产品种类 Production Type	
CUSA	通用接纳 General Purpose Receiver
CVDI	VDI 接纳器 VDI Receiver
CSQUA	卧式刀塔接纳器 Horizontal Lathe Receiver
CHYD	液压驱动接纳器 Hydraulic Actuated Receiver

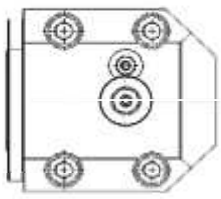
04 l1z Size

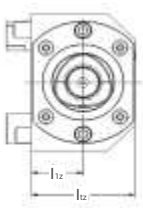
05 l1x Size

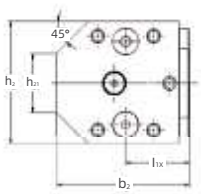
06 制式 Format	
M	标准款 Standard



CUSA 型 CUSA



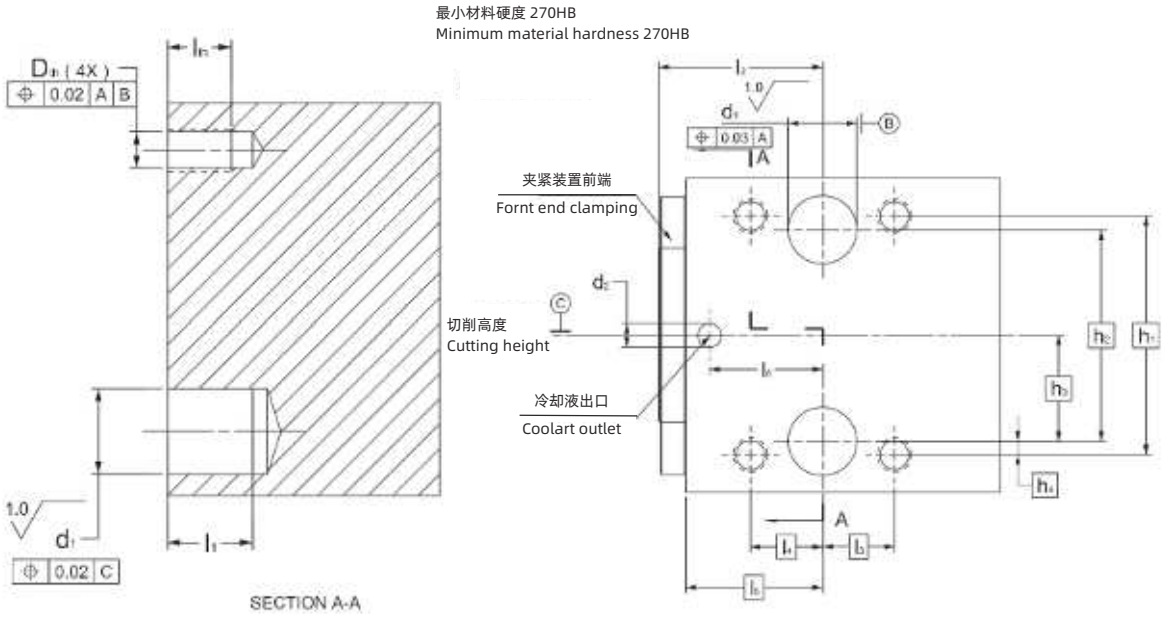






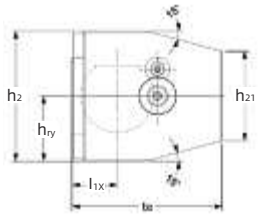
接口尺寸 PSC size	规格 Model	b_2	h_2	h_{21}	l_{1x}	l_{1z}	l_{tz}	重量 kgs
PSC32	PSC32-RCUSA-19039	73	54	30	39	19	38	1.30
PSC32	PSC32-LCUSA-19039	73	54	30	39	19	38	1.30
PSC40	PSC40-RCUSA-24043	86	77	38	43	24	48	2.26
PSC40	PSC40-LCUSA-24043	86	77	38	43	24	48	2.26
PSC50	PSC50-RCUSA-32048	100	92	44	48	32	64	3.74
PSC50	PSC50-LCUSA-32048	100	92	44	48	32	64	3.74
PSC63	PSC63-RCUSA-42060	122	105	37	60	42	84	7.10
PSC63	PSC63-LCUSA-42060	122	105	37	60	42	84	7.10
PSC80	PSC80-RCUSA-50088	146	133	133	88	50	100	13.25
PSC80	PSC80-LCUSA-50088	146	133	133	88	50	100	13.25

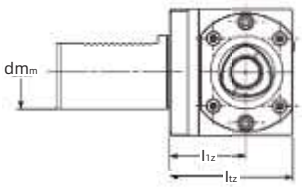
夹紧装置 R\L RUSA 应用设计说明 CLAMPING DEVICE R\L RUSA APPLICATION DESIGN DESCRIPTION



接口尺寸 PSC size	d1 (H7)	d2	h1	h2	h3	h4	l1 (min)	l2	l3	l4	l5	l6	lth	Dth
PSC32R\LCUSA19039	12	5	42	39	19.5	1.5	8.5	39	19	19	33.5	28	7.5	M6
PSC40R\LCUSA24043	16	7	60	55	27.5	2.5	11	43	19	19	36.5	30	11	M8
PSC50R\LCUSA32048	20	7	70	62	31	4	12	48	21	21	39.5	33	13	M10
PSC63R\LCUSA42060	25	10	82	71	35.5	5.5	20	60	24.5	24.5	50.5	41	12	M10
PSC80R\LCUSA50088	32	11	110	92	46	9	20	88	43	43	76	63	14.5	M12

VDI 外圆车刀接纳器 VDI EXTERNAL RECEIVER

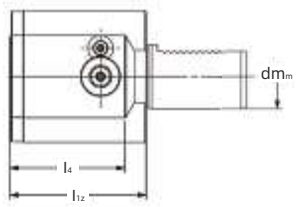


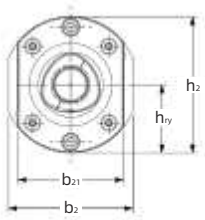




VDI 尺寸 VDI size	接口尺寸 PSC size	规格 Model	b_2	h_{ry}	h_2	h_{21}	l_{1x}	l_{1x}	l_{1z}	重量 KGS
30	PSC32	PSC32-RCVDI30-41020M	74	30	57	38	20	41	60	2.1
30	PSC32	PSC32-LCVDI30-41020M	74	30	57	38	20	41	60	2.1
30	PSC32	PSC32-RCVDI30-41030M	73	30	57	41	30	41	60	2.2
30	PSC32	PSC32-LCVDI30-41030M	73	30	57	41	30	41	60	2.2
40	PSC40	PSC40-RCVDI40-51030M	86	38	75	54	30	51	75	3.2
40	PSC40	PSC40-LCVDI40-51030M	86	38	75	54	30	51	75	3.2
50	PSC40	PSC40-RCVDI50-51040M	86	38	75	60	40	51	75	3.2
50	PSC40	PSC40-LCVDI50-51040M	86	38	75	60	40	51	75	3.2
40	PSC50	PSC50-RCVDI40-53030M	99	41	82	47	30	53	85	5.7
40	PSC50	PSC50-LCVDI40-53030M	99	41	82	47	30	53	85	5.7
40	PSC50	PSC50-RCVDI40-53040M	99	41	82	53	40	53	85	5.7
40	PSC50	PSC50-LCVDI40-53040M	99	41	82	53	40	53	85	5.7
50	PSC50	PSC50-RCVDI50-41030M	86	43	86	66	30	41	65	5.7
50	PSC50	PSC50-LCVDI50-41030M	86	43	86	66	30	41	65	5.7
50	PSC50	PSC50-RCVDI50-53030M	99	43	86	59	30	53	85	5.7
50	PSC50	PSC50-LCVDI50-53030M	99	43	86	59	30	53	85	5.7
50	PSC50	PSC50-RCVDI50-53040M	99	43	86	65	40	53	85	5.7
50	PSC50	PSC50-LCVDI50-53040M	99	43	86	65	40	53	85	5.7
60	PSC50	PSC50-RCVDI60-43040M	99	53	94	76	40	43	75	5.7
60	PSC50	PSC50-LCVDI60-43040M	99	53	94	76	40	43	75	5.7
60	PSC63	PSC63-RCVDI60-53040M	122	53	105	70	40	53	95	6.0
60	PSC63	PSC63-LCVDI60-53040M	122	53	105	70	40	53	95	6.0

VDI 内圆车刀接纳器 VDI INTERNAL RECEIVER

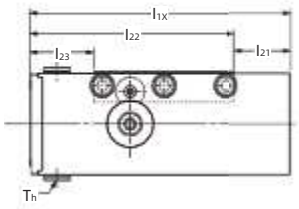


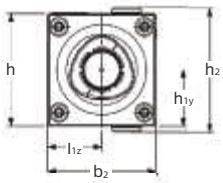




VDI 尺寸 VDI size	接口尺寸 PSC size	规格 Model	b_{21}	b_2	h_{ry}	h_2	l_{1z}	l_4	重量 KGS
30	PSC32	PSC32-RCVDI30-00060M	38	50	34	61	60	44	1
30	PSC32	PSC32-LCVDI30-00060M	38	50	34	61	60	44	1
40	PSC40	PSC40-RCVDI40-00075M	48	75	41	75	75	53	2.2
40	PSC40	PSC40-LCVDI40-00075M	48	75	41	75	75	53	2.2
50	PSC40	PSC40-RCVDI50-00065M	64	75	41	82	85	72	3.2
50	PSC40	PSC40-LCVDI50-00065M	64	75	41	82	85	72	3.2
40	PSC50	PSC50-RCVDI40-00085M	48	70	49	83	65	39	2.2
40	PSC50	PSC50-LCVDI40-00085M	48	70	49	83	65	39	2.2
50	PSC50	PSC50-RCVDI50-00085M	64	83	49	91	85	62	3.2
50	PSC50	PSC50-LCVDI50-00085M	64	83	49	91	85	62	3.2
60	PSC50	PSC50-RCVDI60-00075M	64	80	58	100	75	56	5.7
60	PSC50	PSC50-LCVDI60-00075M	64	80	58	100	75	56	5.7
60	PSC63	PSC63-RCVDI60-00095M	84	84	58	111	95	50	6.1
60	PSC63	PSC63-LCVDI60-00095M	84	84	58	111	95	50	6.1

卧式刀塔接纳器 HORIZONTAL LATHE RECEIVER

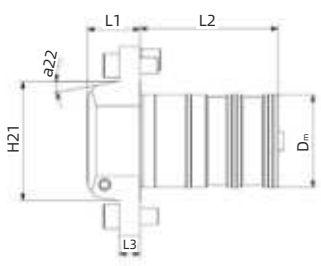


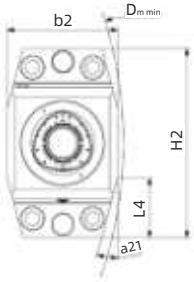




接口尺寸 PSC size	规格 Model	b_2	h_{1y}	h_2	l_{1x}	l_{1z}	l_{21}	l_{22}	l_{23}	T_h	重量 KGS
PSC32	PSC32-RCSQUA-4038M	38	20	62	95	19	16.5	78.5	25	G1/8	11.3
PSC32	PSC32-LCSQUA-4038M	38	20	62	95	19	16.5	78.5	25	G1/8	1.3
PSC40	PSC40-RCSQUA-5048M	48	25	54	125	24	24	101	30.5	G1/8	2.3
PSC40	PSC40-LCSQUA-5048M	48	25	54	125	24	24	101	30.5	G1/8	2.3
PSC50	PSC50-RCSQUA-6464M	64	32	68	145	32	27	118	36	G1/8	3.2
PSC50	PSC50-LCSQUA-6464M	64	32	68	145	32	27	118	36	G1/8	3.2

液压驱动接纳器 HYDRAULIC ACTUATED RECEIVER







接口尺寸 PSC size	规格 Model	b_2	Dm	Dm min	H2	H21	L2	L1	L3	L4	a21	a22
PSC40	PSC40-NCHYD-05625M	48	42	260	92	56	74	25	10	22	15°	11°
PSC50	PSC50-NCHYD-07035M	64	55	300	112	70	88	35	12	30	16°	10°
PSC63	PSC63-NCHYD-09040M	84	70	400	143	90	105	40	16	45	15°	10°
PSC80	PSC80-NCHYD-11050M	100	90	500	180	110	120	50	18	59	15°	10°
PSC80X	PSC80X-NCHYD-11050M	100	90	500	180	110	120	50	18	59	15°	10°

刀柄接杆命名方式 NAMING AND CODING RULES

PSC63	-	ASHR	-	122	-	25
01		02		03		04

01 接口规格 Coupling Type

PSC	32
	40
	50
	63
	80

02 产品类型 Production Type

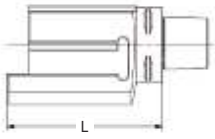
ASHL	通用刀柄 0°左手方向接杆 General Purpose 0° Left-Hand Adaptor
ASHR	通用刀柄 0°右手方向接杆 General Purpose 0° Right-Hand Adaptor
ASHA	通用刀柄 90°接杆 Purpose 90° Shank
ASHS	通用刀柄 0°双向接杆 Purpose 0° Both-sides Adaptor

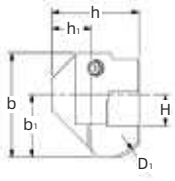
03 有效长度 Length

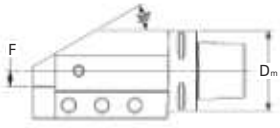
04 刀杆尺寸 Height

数控刀柄系列CNC TOOL SYSTEMS

通用刀柄 0°接杆 GENERAL PURPOSE 0° ADAPTOR





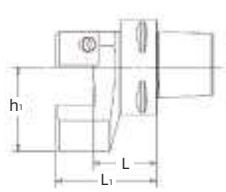


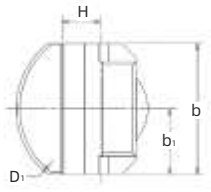


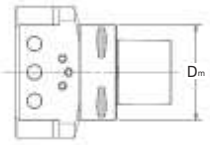
单位丨Unit：mm

接口尺寸 PSC size	刀杆尺寸 Square size	规格 Model	Dm	L	F	H	b	h	D1	h1	b1	重量 m (kg)	螺钉 Screw
PSC50	20X20	PSC50-ASHR-095-20	50	95	10	20	55.5	69	85	37	30	1.69	251.080.20
PSC50	20X20	PSC50-ASHL-095-20	50	95	10	20	55.5	69	85	37	30	1.69	251.080.20
PSC63	20X20	PSC63-ASHR-105-20	63	105	10	20	63.5	69	85	37	30	2.39	251.080.20
PSC63	20X20	PSC63-ASHL-105-20	63	105	10	20	63.5	69	85	37	30	2.39	251.080.20
PSC63	25X25	PSC63-ASHR-122-25	63	122	13	25	70	78	100	46	38	3.17	251.100.18
PSC63	25X25	PSC63-ASHL-122-25	63	122	13	25	70	78	100	46	38	3.17	251.100.18
PSC80	25X25	PSC80-ASHR-122-25	80	122	15	25	80	86	103	46	40	4.06	251.100.20
PSC80	25X25	PSC80-ASHL-122-25	80	122	15	25	80	86	103	46	40	4.06	251.100.20
PSC80	32X32	PSC80-ASHR-140-32	80	140	8	32	80	95	110	55	40	5.13	251.120.30
PSC80	32X32	PSC80-ASHL-140-32	80	140	8	32	80	95	110	55	40	5.13	251.120.30

通用刀柄 90°接杆 GENERAL PURPOSE 90° ADAPTOR





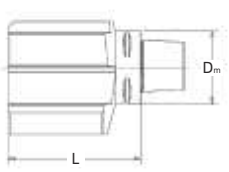


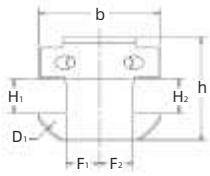


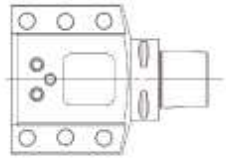
单位 | Unit：mm

接口尺寸 PSC size	刀杆尺寸 Square size	规格 Model	Dm	L1	L	H	b	D1	h1	b1	重量 m (kg)	螺钉 Screw
PSC50	20X20	PSC50-ASHA-065-20	50	65	45	20	64	85	37	32	1.40	251.120.20
PSC63	20X20	PSC63-ASHA-070-20	63	70	50	20	64	85	37	32	1.80	251.120.20
PSC63	25X25	PSC63-ASHA-080-25	63	80	55	25	76	100	46	38	2.40	251.120.20
PSC80	25X25	PSC80-ASHA-075-25	80	75	50	25	80	103	46	38	3.10	251.120.20
PSC80	32X32	PSC80-ASHA-085-32	80	85	53	32	110	142	65	55	4.40	251.120.20

通用刀柄 0°双向接杆 GENERAL PURPOSE 0° BOTH-SIDES ADAPTOR









单位 | Unit：mm

接口尺寸 PSC size	刀杆尺寸 Square size	规格 Model	Dm	L1	L2	F1	F2	H1	H2	b	h	D1	重量 m (kg)	螺钉 Screw
PSC63	25X25	PSC63-ASHS-122-25	63	122	122	20	20	25	25	90	78	114	4.50	251.120.20
PSC80	25X25	PSC80-ASHS-122-25	80	122	122	30	30	25	25	110	75	128	5.90	251.120.20

命名方式 NAMING AND CODING RULES

PSC40	-	PSC40	-	080	-	M
01		02		03		04

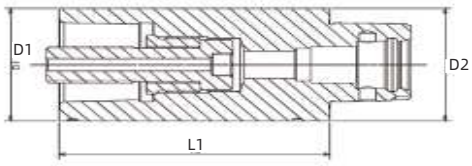
01 主接口规格 Coupling Type			
PSC	32	BT	30
	40		40
	50		50
	63	HSK	50
	80		63
			80
			100

02 转换接口规格 Coupling Type			
PSC	32	Arbor	A16A
	40		A22A
	50		A27A
	63		A32A
	80		A40A
			A40C
			A60C

03 有效长度 Length					
25	25mm	65	65mm	125	125mm
30	30mm	70	70mm	135	135mm
32	32mm	75	75mm	140	140mm
33	33mm	80	80mm	145	145mm
35	35mm	85	85mm	150	150mm
40	40mm	90	90mm	155	155mm
45	45mm	95	95mm	175	175mm
50	50mm	100	100mm	185	185mm
55	55mm	110	110mm	200	200mm
60	60mm	120	120mm		

04 制式 Format	
M	标准款 Standard
A	短款 Short

PSC 加长杆 PSC EXTENSION ADAPTOR





单位 | Unit：mm

规格 Model	D1	D2	L1	重量 m (kg)
PSC32-PSC32-035A	32	32	35	0.22
PSC32-PSC32-060M	32	32	60	0.36
PSC32-PSC32-080M	32	32	80	0.47
PSC32-PSC32-095M	32	32	95	0.56
PSC40-PSC40-040A	40	40	40	0.40
PSC40-PSC40-060M	40	40	60	0.57
PSC40-PSC40-080M	40	40	80	0.70
PSC40-PSC40-120M	40	40	120	1.11
PSC50-PSC50-050A	50	50	50	0.73
PSC50-PSC50-080M	50	50	80	1.15
PSC50-PSC50-100M	50	50	100	1.38
PSC50-PSC50-150M	50	50	150	2.17
PSC63-PSC63-060A	63	63	60	1.36
PSC63-PSC63-100M	63	63	100	2.26
PSC63-PSC63-140M	63	63	140	3.17
PSC63-PSC63-185M	63	63	185	4.19
PSC80-PSC80-065A	80	80	65	2.41
PSC80-PSC80-100M	80	80	100	3.70
PSC80-PSC80-125M	80	80	125	4.64
PSC80-PSC80-200M	80	80	200	7.47

主要配件 (M) MAIN SPARE PARTS(M)

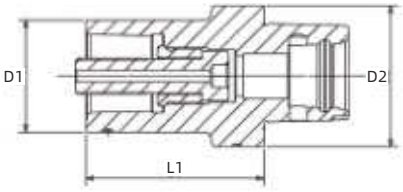
接口尺寸 PSC size	螺纹套 Thereaded sleeve	拉钉 Pull stud	扳手 Key
PSC32	SRLM1815155123	SCFM1215D16050	241.080.00
PSC40	SRLM2215175143	SCFM1415D19057	241.080.00
PSC50	SRLM2515200163	SCFM1615D22069	241.100.00
PSC63	SRLM3015240203	SCFM2020D27087	241.140.00
PSC80	SRLM3015240203	SCFM2020D27087	241.140.00

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

主要配件 (A) MAIN SPARE PARTS(A)

接口尺寸 PSC size	拉钉 Pull stud	扣环 SOFTOOL	扳手 Key
PSC32-PSC32-035A	512.068.01	545.040.02	241.080.00
PSC40-PSC40-040A	512.068.02	545.040.03	241.080.00
PSC50-PSC50-050A	512.068.03	545.040.07	241.080.00
PSC63-PSC63-060A	512.068.04	545.040.08	241.140.00
PSC80-PSC80-065A	512.068.05	545.040.08	241.140.00

PSC 缩颈杆 PSC REDUCTION ADAPTOR





单位丨Unit：mm

规格 Model	D1	D2	L1	重量 m (kg)
PSC40-PSC32-055M	32	40	55	0.49
PSC40-PSC32-070M	32	40	70	0.59
PSC40-PSC32-120M	32	40	120	0.81
PSC50-PSC32-033A	32	50	33	0.54
PSC50-PSC32-060M	32	50	60	0.68
PSC50-PSC32-120M	32	50	120	0.99
PSC50-PSC32-150M	32	50	150	1.65
PSC50-PSC40-040A	40	50	40	0.59
PSC50-PSC40-065M	40	50	65	0.80
PSC50-PSC40-085M	40	50	85	1.10
PSC50-PSC40-140M	40	50	140	1.46
PSC63-PSC32-032A	32	63	32	0.91
PSC63-PSC32-070M	32	63	70	1.12
PSC63-PSC32-125M	32	63	125	1.43
PSC63-PSC32-185M	32	63	185	2.99
PSC63-PSC40-040A	40	63	40	0.98
PSC63-PSC40-080M	40	63	80	1.32
PSC63-PSC40-145M	40	63	145	1.86
PSC63-PSC40-185M	40	63	185	3.23
PSC63-PSC50-050A	50	63	50	1.11
PSC63-PSC50-080M	50	63	80	1.53
PSC63-PSC50-110M	50	63	110	2.23
PSC63-PSC50-175M	50	63	175	2.79
PSC80-PSC32-060M	32	80	60	2.07
PSC80-PSC32-135M	32	80	135	2.53
PSC80-PSC40-070M	40	80	70	2.20
PSC80-PSC40-155M	40	80	155	2.97
PSC80-PSC40-200M	40	80	200	5.42
PSC80-PSC50-045A	50	80	45	2.00
PSC80-PSC50-080M	50	80	80	2.43
PSC80-PSC50-185M	50	80	185	3.88
PSC80-PSC50-200M	50	80	200	5.84
PSC80-PSC63-055A	63	80	55	2.15
PSC80-PSC63-080M	63	80	80	2.65
PSC80-PSC63-120M	63	80	120	4.10
PSC80-PSC63-200M	63	80	200	5.37

主要配件 (M) MAIN SPARE PARTS(M)

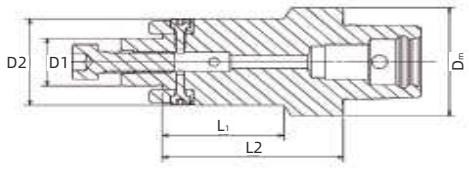
接口尺寸 PSC size 	螺纹套 Thereaded sleeve 	拉钉 Pull stud 	扳手 Key 
PSC32	SRLM1815155123	SCFM1215D16050	241.080.00
PSC40	SRLM2215175143	SCFM1415D19057	241.080.00
PSC50	SRLM2515200163	SCFM1615D22069	241.100.00
PSC63	SRLM3015240203	SCFM2020D27087	241.140.00
PSC80	SRLM3015240203	SCFM2020D27087	241.140.00

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

主要配件 (A) MAIN SPARE PARTS(A)

接口尺寸 PSC size 	拉钉 Pull stud 	扣环 SOFTOOL 	扳手 Key 
PSC50-PSC32-033A	512.068.01	545.040.02	241.080.00
PSC50-PSC40-040A	512.068.06	545.040.07	241.080.00
PSC63-PSC32-032A	512.068.01	545.040.02	241.080.00
PSC63-PSC40-040A	512.068.02	545.040.03	241.080.00
PSC63-PSC50-050A	512.068.07	545.040.08	241.100.00
PSC80-PSC50-045A	512.068.08	545.040.08	241.100.00
PSC80-PSC63-055A	512.068.05	545.040.08	241.140.00

PSC 转芯轴接柄 PSC WITH TYPE ARBOR ADAPTORPSC WITH TYPE ARBOR ADAPTOR





单位 | Unit：mm

规格 Model	Dm	D1	D2	L1	L2	重量 m (kg)
PSC32-A16A-030M	32	16	32	15	30	0.25
PSC40-A16A-032M	40	16	32	10	32	0.38
PSC40-A16A-055M	40	16	32	33	55	0.40
PSC40-A22A-025M	40	22	40	-	25	0.40
PSC40-A22A-055M	40	22	40	25	55	0.60
PSC50-A16A-035M	50	16	32	10	35	0.60
PSC50-A16A-070M	50	16	32	45	70	0.70
PSC50-A22A-025M	50	22	50	-	25	0.62
PSC50-A22A-070M	50	22	40	47	70	0.90
PSC50-A27A-025M	50	27	50	-	25	0.68
PSC50-A32A-040M	50	32	63	20	40	1.14
PSC63-A16A-040M	63	16	32	10	40	1.00
PSC63-A22A-025M	63	22	50	-	25	0.96
PSC63-A22A-080M	63	22	40	40	80	1.40
PSC63-A27A-025M	63	27	50	-	25	1.01
PSC63-A27A-080M	63	27	50	55	80	1.60

主要配件 (M) MAIN SPARE PARTS(M)

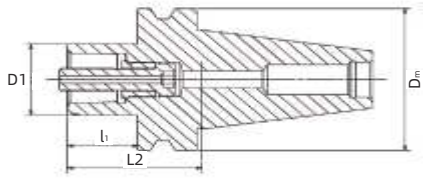
规格 Model	Dm	D1	D2	L1	L2	重量 m (kg)
PSC63-A32A-025M	63	32	63	—	25	1.09
PSC63-A40A-045M	63	40	70	20	45	1.75
PSC63-A40C-050M	63	40	88	28	50	2.40
PSC80-A16A-050M	80	16	32	10	50	2.10
PSC80-A22A-030M	80	22	80	-	30	1.86
PSC80-A22A-090M	80	22	40	45	90	2.40
PSC80-A27A-030M	80	27	50	-	30	1.91
PSC80-A27A-090M	80	27	50	50	90	2.70
PSC80-A32A-030M	80	32	80	-	30	2.02
PSC80-A40A-030M	80	40	80	-	30	2.00
PSC80-A40C-060M	80	40	88	30	60	3.47
PSC80-A60C-080M	80	60	130	50	80	7.78

主要配件 (A) MAIN SPARE PARTS(A)

芯轴尺寸 Arbor size	键块 (2X) Key block	键块螺钉 (2X) Key block screw	安装螺钉 Screw	垫圈 Washer	扳手 Key block key	扳手 Key
A16A	141.011.04	113.030.06	120.080.25	-	241.025.56	241.060.90
A22A	141.011.01	113.040.10	120.100.35	-	241.030.63	241.080.00
A27A	141.010.01	113.040.12	120.120.35	133.120.30	241.030.63	241.100.00
A32A	141.010.04	-	120.160.40	133.160.30	241.040.70	241.140.00
A40A	141.010.02	113.060.15	120.200.45	133.200.40	241.050.80	241.170.00
A40C	142.010.02	113.060.20	113.120.40	-	241.050.80	241.100.00
A60C	141.011.02	113.120.25	113.160.50	-	241.100.00	241.140.00

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

BT 转 PSC 接柄 BT WITH TYPE PSC ADAPTOR





单位丨Unit：mm

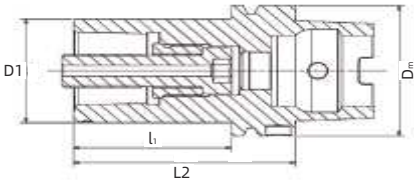
规格 Model	Dm	D1	L1	L2	重量 m (kg)
BT30-PSC32-030M	46	32	8	30	0.42
BT30-PSC32-060M	46	32	38	60	0.58
BT30-PSC40-060M	46	40	38	60	0.67
BT30-PSC50-080M	46	50	58	80	1.08
BT40-PSC32-030M	63	32	3	30	1.00
BT40-PSC32-060M	63	32	33	60	0.99
BT40-PSC40-030M	63	40	3	30	0.95
BT40-PSC40-060M	63	40	33	60	1.21
BT40-PSC50-030M	63	50	3	30	3.56
BT40-PSC50-070M	63	50	43	70	4.09
BT40-PSC63-075M	63	63	48	75	1.75
BT50-PSC32-040M	100	32	2	40	3.72
BT50-PSC32-070M	100	32	32	70	3.82
BT50-PSC40-040M	100	40	2	40	3.72
BT50-PSC40-070M	100	40	32	70	3.90
BT50-PSC50-040M	100	50	2	40	3.59
BT50-PSC50-080M	100	50	42	80	4.13
BT50-PSC63-040M	100	63	2	40	3.61
BT50-PSC63-090M	100	63	52	90	4.71
BT50-PSC80-070M	100	80	32	70	4.16
BT50-PSC80-120M	100	80	82	120	6.02

主要配件 MAIN SPARE PARTS

接口尺寸 PSC size	螺纹套 Threaded sleeve	拉钉 Pull stud	扳手 Key
PSC32	SRLM1815155123	SCFM1215D16050	241.080.00
PSC40	SRLM2215175143	SCFM1415D19057	241.080.00
PSC50	SRLM2515200163	SCFM1615D22069	241.100.00
PSC63	SRLM2515200163	SCFM2020D27087	241.140.00
PSC80	SRLM3015240203	SCFM2020D27087	241.140.00

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

HSK 转 PSC 接柄 HSK WITH TYPE PSC ADAPTOR





单位 | Unit：mm

规格 Model	Dm	D1	L1	L2	重量 m (kg)
HSK50A-PSC32-075M	50	32	49	75	0.67
HSK50A-PSC40-080M	50	40	54	80	0.85
HSK63A-PSC32-075M	63	32	49	75	0.97
HSK63A-PSC40-080M	63	40	54	80	1.14
HSK63A-PSC50-090M	63	50	64	90	1.47
HSK80A-PSC40-090M	80	40	64	90	1.69
HSK80A-PSC50-095M	80	50	69	95	2.02
HSK80A-PSC63-110M	80	63	84	110	2.79
HSK100A-PSC32-080M	100	32	43	80	2.42
HSK100A-PSC40-090M	100	40	61	90	2.63
HSK100A-PSC50-100M	100	50	71	100	3.02
HSK100A-PSC63-110M	100	63	81	110	3.70
HSK100A-PSC80-120M	100	80	91	120	4.87

主要配件 MAIN SPARE PARTS

接口尺寸 PSC size	螺纹套 Threaded sleeve	拉钉 Pull stud	扳手 Key
PSC32	SRLM1815155123	SCFM1215D16050	241.080.00
PSC40	SRLM2215175143	SCFM1415D19057	241.080.00
PSC50	SRLM2515200163	SCFM1615D22069	241.100.00
PSC63	SRLM2515200163	SCFM2020D27087	241.140.00
PSC80	SRLM3015240203	SCFM2020D27087	241.140.00

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

SBT

JIS B 6339

PRECISION TOOL HOLDERS SYSTEM



SBT数控刀柄系列

CNC TOOL SYSTEMS

SBT 两面定位主轴系统 SBT SPINDLE SYSTEM



- 通过确立完善的量规系统，实现了锥面、端面同时两面定位的系统。



SBT 刀柄的各种优点：

- 提高加工表面光洁度和加工尺寸精度
- 延长刃具寿命
- 高刚性 适合重切削
- 提高 ATC 自动换刀的重复精度
- 高速旋转时 Z 轴方向尺寸稳定
- 提高镗孔加工的圆度

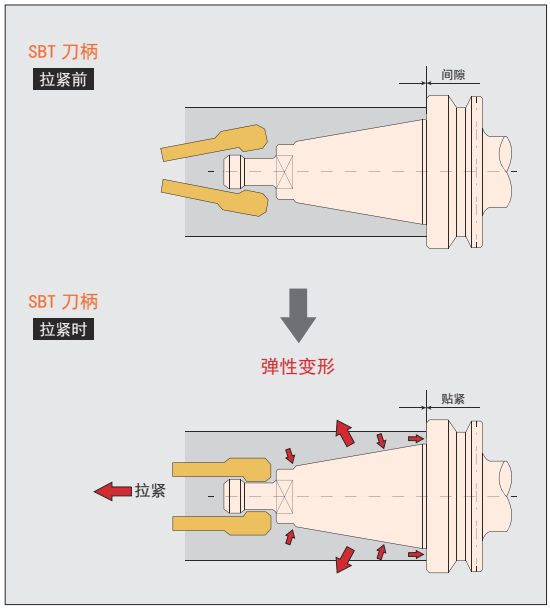
拉入量对于端面紧贴很重要！！

刀柄在未被拉紧时，与主轴端面有微小间隙。通过拉紧装置拉入，主轴因弹性形变产生扩张，实现端面完全贴紧。因此，确保端面紧贴的拉入量非常重要。

《参考值》

主轴规格	拉紧力	拉入量
#40	800Kg	20μm
#50	2000Kg	20μm

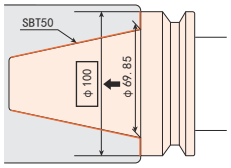
上表中的数值仅供参考，拉入量因主轴形状及紧固机构而异。（本公司加工中心的实测值）



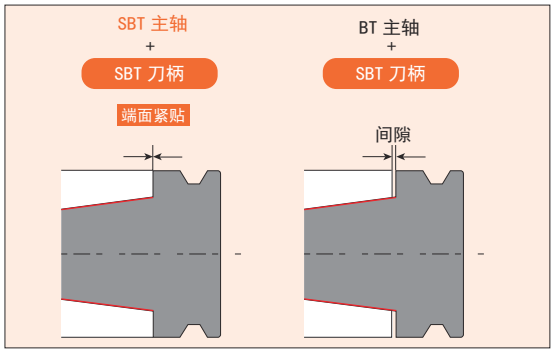
增加刀柄的基准直径，刚性增强。

根据力学原理，基准直径越大刚性越强，普通的 BT 刀柄的基准直径是锥柄的大端直径、而端面紧贴的 SBT 系统的基准直径是法兰外径。因此，SBT 刀柄刚性有了显著增强。

BT30 锥柄	ϕ31.75 ϕ46
BT40 锥柄	ϕ44.45 ϕ63
BT50 锥柄	ϕ69.85 ϕ100



“SBT 主轴“与”SBT 刀柄“的最强组合

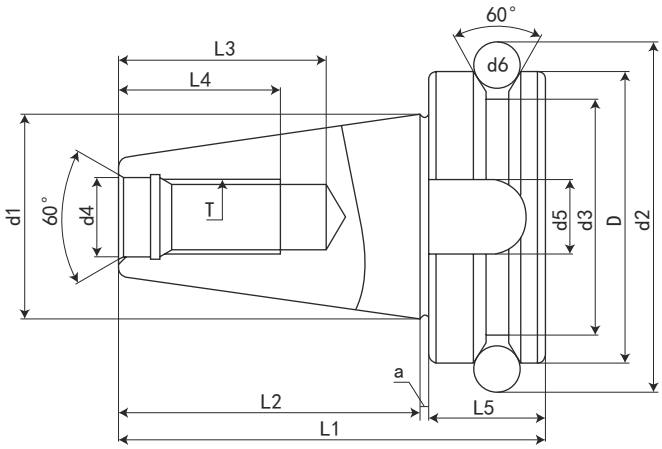


刀柄除端面位置尺寸外，其他尺寸均以 MAS-BT 规格为标准。

SBT 主轴系统通过组合 SBT 刀柄与 SBT 主轴，可最大限度地发挥两面定位的性能。SBT 刀柄也可使用原有标准规格的 BT 主轴，但这种情况下没有两面定位功能。为了发挥两面定位的优异性能，请在 SBT 主轴中使用 SBT 刀柄。另外，使用 SBT 刀柄以外的两面定位刀柄时，可能会损伤机床主轴，敬请注意。

建议在 SBT 主轴中使用 SBT 刀柄。

请勿在 SBT 主轴中混用 SBT 刀柄和 BT 刀柄。



规格 / 型号 Model	D h8	d1	d2	d3	d4 H8	d5 H12	d6	L1	L2 ±0.2	L3 Min	L4 Min	L5	a 0 -0.005	T 6H
SBT30	46	31.75	56.14	38	12.5	16.1	8	70.4	48.4	34	24	21	1	M12*1.75P
SBT40	63	44.45	75.679	53	17	16.1	10	92.4	65.4	70	30	26	1	M16*2.0P
SBT50	100	69.85	119.02	83	25	25.7	15	139.8	101.8	90	45	36.5	1.5	M24*3.0P

特点：

◎锥度精度：<AT3
◎基本材质：JIS-SCM415 or JIS SNCM220 or JIS SNCM439
◎硬度：HRC56° ~58° 渗碳深度 >0.8mm
◎真圆度：<0.8um
◎表面粗糙度：Ra<0.5um
◎刀柄本体可另外指定：通过 V 型法兰端出水规格（DIN-69871-AD+B）
◎ ER、EOC、FMA、FMB、MLC、MLD、MLT、SCK、SFC、SKS、SLN（DIN、FID、JIS）、SOM、TG 皆符合：通过刀柄本体中心出水规格（DIN-69871-AD）
◎刀柄有预设标准动平衡 G6.3，可另外指定精密动平衡 G2.5
◎本体规范：BIG-PLUS

Features:

◎ Taper tolerance<AT3
◎ Basic Material:JIS-SCM415
◎ Hardness>HRC 56° Carbon depth>0.8mm
◎ Roundness<0.8um
◎ Surface roughness:Ra<0.5um
◎ If it is suitable for center coolant standard(DIN-69871-AD or B),it can be ordered
◎ ER、EOC、FMA、FMB、MLC、MLD、MLT、SCK、SFC、SKS、SLN(DIN、FID、JIS)、SOM、TG Are in compliance with:Water through the chuck body center type(DIN-69871-AD)
◎ The shank has pre-balance at G6.3,and can provide percision balance at G2.5,made by request
◎ Shank body standard:BIG-PLUS

SBT30-PHC 液压刀柄 SBT30-PHC HYDRAULIC TOOL HOLDER



FIG. 1

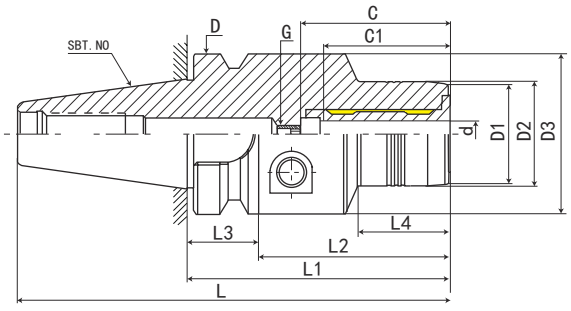
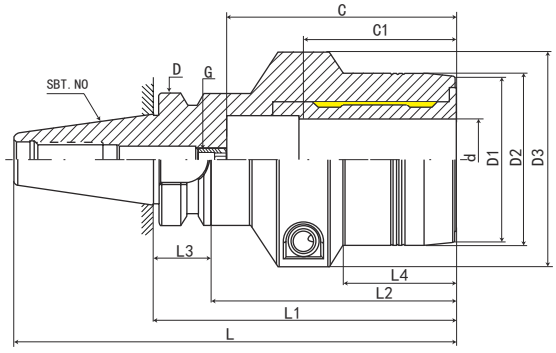




FIG. 2



型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	FIG	重量 KGS
SBT30-PHC03-60	108.4	60	38	22	28	46	20	23	45	3	*	18	*	1	0.75
SBT30-PHC3.175-60	108.4	60	38	22	28	46	20	23	45	3.175	*	18	*	1	0.75
SBT30-PHC04-60	108.4	60	38	22	28	46	21	24	45	4	*	24	*	1	0.75
SBT30-PHC05-60	108.4	60	38	22	28	46	22	25	45	5	*	26	*	1	0.75
SBT30-PHC06-70	118.4	70	48	22	28	46	23	26	45	6	37	27	M5*0.8P	1	0.8
SBT30-PHC08-70	118.4	70	48	22	28	46	25	28	45	8	37	27	M6*1.0P	1	0.85
SBT30-PHC10-75	123.4	75	53	22	36	46	27	30	45	10	41	31	M8*1.0P	1	0.85
SBT30-PHC12-75	123.4	75	53	22	36	46	29	32	45	12	46	36	M10*1.0P	1	0.85
SBT30-PHC14-85	133.4	85	63	22	44	46	31	34	45	14	46	36	M10*1.0P	1	0.95
SBT30-PHC16-90	138.4	90	68	22	48	46	35	38	45	16	52	39	M12*1.0P	1	1.05
SBT30-PHC18-90	138.4	90	68	22	48	46	37	40	45	18	52	39	M12*1.0P	1	1.1
SBT30-PHC20-90	138.4	90	68	22	48	46	39	42	45	20	52	41	M16*1.0P	1	1.15
SBT30-PHC25-105	153.4	105	83	22	44	46	52	55	63	25	80	47	M16*1.0P	2	1.65
SBT30-PHC32-105	153.4	105	83	22	39	46	57	60	68	32	80	51	M16*1.0P	2	1.8

SBT30 - PHC - 03 - 60

- 60 → L1 长度 Length (L1)
- 03 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- SBT30 → 锥柄形式 Taper size

SBT40-PHC 液压刀柄 SBT40-PHC HYDRAULIC TOOL HOLDER





FIG. 1

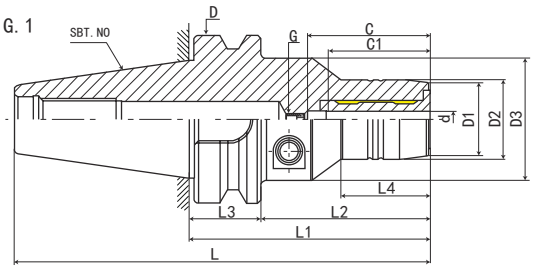
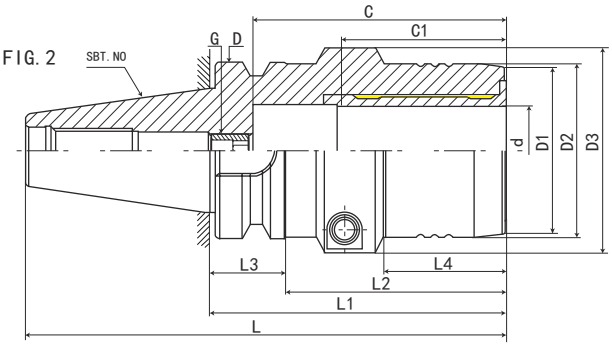


FIG. 2



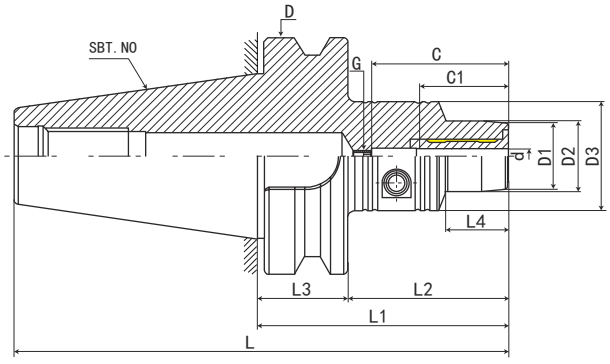
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	FIG	重量 KGS
SBT40-PHC03-75	140.4	75	48	27	26	63	20	23	50	3	*	18	*	1	1.28
SBT40-PHC03-90	155.4	90	63	27	29	63	20	23	50	3	*	18	*	1	1.38
SBT40-PHC3.175-75	140.4	75	48	27	26	63	20	23	50	3.175	*	18	*	1	1.28
SBT40-PHC3.175-90	155.4	90	63	27	29	63	20	23	50	3.175	*	18	*	1	1.38
SBT40-PHC04-75	140.4	75	48	27	26	63	21	24	50	4	*	24	*	1	1.28
SBT40-PHC04-90	155.4	90	63	27	29	63	21	24	50	4	*	24	*	1	1.38
SBT40-PHC05-75	140.4	75	48	27	26	63	22	25	50	5	*	26	*	1	1.3
SBT40-PHC05-90	155.4	90	63	27	29	63	22	25	50	5	*	26	*	1	1.4
SBT40-PHC06-75	140.4	75	48	27	26	63	23	26	50	6	37	27	M5*0.8P	1	1.32
SBT40-PHC06-90	155.4	90	63	27	29	63	23	26	50	6	37	27	M5*0.8P	1	1.41
SBT40-PHC08-75	140.4	75	48	27	26	63	25	28	50	8	37	27	M6*1.0P	1	1.36
SBT40-PHC08-90	155.4	90	63	27	30	63	25	28	50	8	37	27	M6*1.0P	1	1.46
SBT40-PHC10-75	140.4	75	48	27	26	63	27	30	50	10	41	31	M8*1.0P	1	1.43
SBT40-PHC10-90	155.4	90	63	27	35	63	27	30	50	10	41	31	M8*1.0P	1	1.57
SBT40-PHC12-75	140.4	75	48	27	26	63	29	32	50	12	46	36	M10*1.0P	1	1.46
SBT40-PHC12-90	155.4	90	63	27	40	63	29	32	50	12	46	36	M10*1.0P	1	1.62
SBT40-PHC14-75	140.4	75	48	27	26	63	31	34	50	14	46	36	M10*1.0P	1	1.48
SBT40-PHC14-90	155.4	90	63	27	40	63	31	34	50	14	46	36	M10*1.0P	1	1.68
SBT40-PHC16-75	140.4	75	48	27	26	63	35	38	50	16	75	39	M12*1.0P	1	1.51
SBT40-PHC16-90	155.4	90	63	27	45	63	35	38	50	16	75	39	M12*1.0P	1	1.7
SBT40-PHC18-75	140.4	75	48	27	26	63	37	40	50	18	75	39	M12*1.0P	1	1.51
SBT40-PHC18-90	155.4	90	63	27	46	63	37	40	50	18	75	39	M12*1.0P	1	1.7
SBT40-PHC20-75	140.4	75	48	27	26	63	39	42	50	20	80	41	M16*1.0P	1	1.52
SBT40-PHC20-90	155.4	90	63	27	47	63	39	42	50	20	80	41	M16*1.0P	1	1.75
SBT40-PHC25-105	170.4	105	78	27	50	63	52	55	63	25	80	47	M16*1.0P	1	2.05
SBT40-PHC32-105	170.4	105	78	27	48	63	60	63	73	32	90	51	M16*1.0P	2	2.34
SBT40-PHC40-120	185.4	120	93	27		63				40	90		M16*1.0P	2	3
SBT40-PHC42-120	185.4	120	93	27		63				42	90		M16*1.0P	2	3

SBT40 - PHC - 03 - 75

- 75 → L1 长度 Length (L1)
- 03 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- SBT40 → 锥柄形式 Taper size

SBT50-PHC 液压刀柄 SBT50-PHC HYDRAULIC TOOL HOLDER





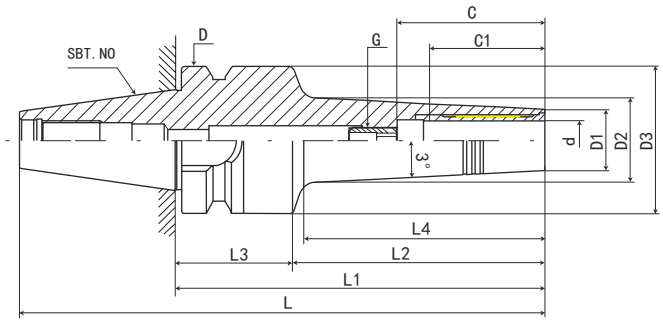
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
SBT50-PHC05-90	191.8	90	52	38	32	100	22	25	49.5	5	*	26	*	4.2
SBT50-PHC05-120	221.8	120	82	38	44	100	22	25	49.5	5	*	26	*	4.5
SBT50-PHC06-90	191.8	90	52	38	32	100	23	26	49.5	6	37	27	M5*0.8P	4.2
SBT50-PHC06-120	221.8	120	82	38	44	100	23	26	49.5	6	37	27	M5*0.8P	4.5
SBT50-PHC08-90	191.8	90	52	38	32	100	25	28	49.5	8	37	27	M6*1.0P	4.2
SBT50-PHC08-120	221.8	120	82	38	44	100	25	28	49.5	8	37	27	M6*1.0P	4.5
SBT50-PHC10-90	191.8	90	52	38	32	100	27	30	49.5	10	41	31	M8*1.0P	4.2
SBT50-PHC10-120	221.8	120	82	38	44	100	27	30	49.5	10	41	31	M8*1.0P	4.5
SBT50-PHC12-90	191.8	90	52	38	32	100	29	32	49.5	12	46	36	M10*1.0P	4.3
SBT50-PHC12-120	221.8	120	82	38	44	100	29	32	49.5	12	46	36	M10*1.0P	4.5
SBT50-PHC14-90	191.8	90	52	38	32	100	31	34	49.5	14	46	36	M10*1.0P	4.3
SBT50-PHC14-120	221.8	120	82	38	44	100	31	34	49.5	14	46	36	M10*1.0P	4.6
SBT50-PHC16-90	191.8	90	52	38	32	100	35	38	49.5	16	75	39	M12*1.0P	4.3
SBT50-PHC16-120	221.8	120	82	38	48	100	35	38	49.5	16	75	39	M12*1.0P	4.6
SBT50-PHC18-90	191.8	90	52	38	32	100	37	40	49.5	18	75	39	M12*1.0P	4.4
SBT50-PHC18-120	221.8	120	82	38	48	100	37	40	49.5	18	75	39	M12*1.0P	4.6
SBT50-PHC20-90	191.8	90	52	38	32	100	39	42	49.5	20	75	41	M16*1.0P	4.4
SBT50-PHC20-120	221.8	120	82	38	48	100	39	42	49.5	20	75	41	M16*1.0P	4.7
SBT50-PHC25-120	221.8	120	82	38	48	100	53	57	63	25	80	47	M16*1.0P	4.9
SBT50-PHC32-120	221.8	120	82	38	48	100	58	62	70	32	90	51	M16*1.0P	5.2
SBT50-PHC40-120	221.8	120	82	38		100				40	90	61	M16*1.0P	6
SBT50-PHC42-120	221.8	120	82	38		100				42	90	61	M16*1.0P	6
SBT50-PHC50-120	221.8	120	82	38		100				50	90	61	M16*1.0P	7

SBT50 - PHC - 05 - 90

- 90 → L1 长度 Length (L1)
- 05 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- SBT50 → 锥柄形式 Taper size

SBT30-SPHC 液压刀柄 SBT30-SPHC HYDRAULIC TOOL HOLDER





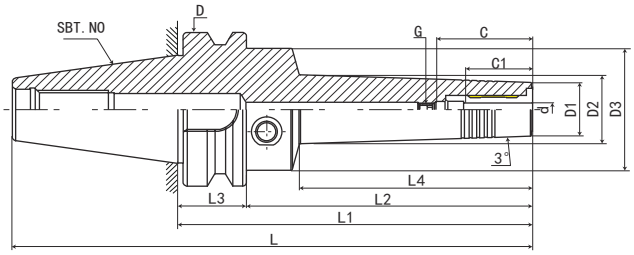
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max.insertiondepth	最少插入深度 C1 Mininsertiondepth	G	重量 KGS
SBT30-SPHC03-85	133.4	85	63	22	42	46	11		45	3	*	18	*	1.1
SBT30-SPHC04-85	133.4	85	63	22	42	46	11		45	4	*	24	*	1.1
SBT30-SPHC05-85	133.4	85	63	22	42	46	12		45	5	*	26	*	1.4
SBT30-SPHC06-115	163.4	115	93	22	74	46	13		45	6	37	27	M5*0.8P	1.4
SBT30-SPHC08-115	163.4	115	93	22	74	46	15		45	8	37	27	M6*1.0P	1.4
SBT30-SPHC10-115	163.4	115	93	22	74	46	17		45	10	41	31	M8*1.0P	1.4
SBT30-SPHC12-115	163.4	115	93	22	75	46	19		45	12	46	36	M10*1.0P	1.4

SBT30 - SPHC - 03 - 85

- 85 → L1 长度 Length (L1)
- 03 → 刀杆直径 Diameter
- SPHC → 功能代号 Holder type
- SBT30 → 锥柄形式 Taper size

SBT40-SPHC 液压刀柄 SBT40-SPHC HYDRAULIC TOOL HOLDER





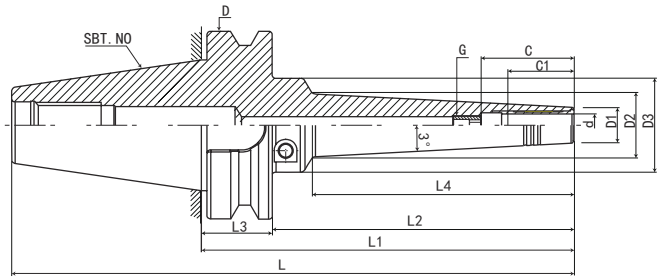
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
SBT40-SPHC03-90	155.4	90	63	27	42	63	11		46	3	*	18	*	1.1
SBT40-SPHC03-120	185.4	120	93	27	72	63	11		46	3	*	18	*	1.3
SBT40-SPHC04-90	155.4	90	63	27	42	63	11		46	4	*	24	*	1.1
SBT40-SPHC04-120	185.4	120	93	27	72	63	11		46	4	*	24	*	1.3
SBT40-SPHC05-90	155.4	90	63	27	42	63	12		46	5	*	26	*	1.4
SBT40-SPHC05-120	185.4	120	93	27	72	63	12		46	5	*	26	*	1.3
SBT40-SPHC06-120	185.4	120	93	27	74	63	13		46	6	37	27	M5*0.8P	1.4
SBT40-SPHC06-150	215.4	150	123	27	104	63	13		46	6	37	27	M5*0.8P	1.5
SBT40-SPHC06-200	265.4	200	173	27	154	63	13		46	6	37	27	M5*0.8P	1.7
SBT40-SPHC08-120	185.4	120	93	27	74	63	15		46	8	37	27	M6*1.0P	1.4
SBT40-SPHC08-150	215.4	150	123	27	104	63	15		46	8	37	27	M6*1.0P	1.5
SBT40-SPHC08-200	265.4	200	173	27	154	63	15		46	8	37	27	M6*1.0P	1.7
SBT40-SPHC10-120	185.4	120	93	27	74	63	17		46	10	41	31	M8*1.0P	1.4
SBT40-SPHC10-150	215.4	150	123	27	104	63	17		46	10	41	31	M8*1.0P	1.5
SBT40-SPHC10-200	265.4	200	173	27	154	63	17		46	10	41	31	M8*1.0P	1.7
SBT40-SPHC12-120	185.4	120	93	27	75	63	19		46	12	46	36	M10*1.0P	1.4
SBT40-SPHC12-150	215.4	150	123	27	105	63	19		46	12	46	36	M10*1.0P	1.5
SBT40-SPHC12-200	265.4	200	173	27	154	63	19		46	12	46	36	M10*1.0P	1.7
SBT40-SPHC14-120	185.4	120	93	27	75	63	21		46	14	46	36	M10*1.0P	1.4
SBT40-SPHC14-150	215.4	150	123	27	105	63	21		46	14	46	36	M10*1.0P	1.5
SBT40-SPHC14-200	265.4	200	173	27	154	63	21		46	14	46	36	M10*1.0P	1.7
SBT40-SPHC16-120	185.4	120	93	27	75	63	23		50	16	49	39	M12*1.0P	1.5
SBT40-SPHC16-150	215.4	150	123	27	105	63	23		50	16	49	39	M12*1.0P	1.6
SBT40-SPHC16-200	265.4	200	173	27	154	63	23		50	16	49	39	M12*1.0P	1.8
SBT40-SPHC18-120	185.4	120	93	27	75	63	25		50	18	49	39	M12*1.0P	1.5
SBT40-SPHC18-150	215.4	150	123	27	105	63	25		50	18	49	39	M12*1.0P	1.6
SBT40-SPHC18-200	265.4	200	173	27	154	63	25		50	18	49	39	M12*1.0P	1.8
SBT40-SPHC20-120	185.4	120	93	27	75	63	27		50	20	51	41	M16*1.0P	1.6
SBT40-SPHC20-150	215.4	150	123	27	105	63	27		50	20	51	41	M16*1.0P	1.7
SBT40-SPHC20-200	265.4	200	173	27	154	63	27		50	20	51	41	M16*1.0P	1.9

SBT40 - SPHC - 03 - 90

- 90 → L1 长度 Length (L1)
- 03 → 刀杆直径 Diameter
- SPHC → 功能代号 Holder type
- SBT40 → 锥柄形式 Taper size

SBT50-SPHC 液压刀柄 SBT50-SPHC HYDRAULIC TOOL HOLDER





型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
SBT50-SPHC05-150	251.8	150	112	38	80	100	12		50	5	*	26	*	4.2
SBT50-SPHC05-200	301.8	200	162	38	130	100	12		50	5	*	26	*	4.4
SBT50-SPHC05-250	351.8	250	212	38	180	100	12		50	5	*	26	*	4.6
SBT50-SPHC05-300	401.8	300	262	38	230	100	12		50	5	*	26	*	4.8
SBT50-SPHC06-150	251.8	150	112	38	80	100	13		50	6	37	27	M5*0.8P	4.2
SBT50-SPHC06-200	301.8	200	162	38	130	100	13		50	6	37	27	M5*0.8P	4.4
SBT50-SPHC06-250	351.8	250	212	38	180	100	13		50	6	37	27	M5*0.8P	4.6
SBT50-SPHC06-300	401.8	300	262	38	230	100	13		50	6	37	27	M5*0.8P	4.8
SBT50-SPHC08-150	251.8	150	112	38	80	100	15		50	8	37	27	M6*1.0P	4.2
SBT50-SPHC08-200	301.8	200	162	38	130	100	15		50	8	37	27	M6*1.0P	4.4
SBT50-SPHC08-250	351.8	250	212	38	180	100	15		50	8	37	27	M6*1.0P	4.6
SBT50-SPHC08-300	401.8	300	262	38	230	100	15		50	8	37	27	M6*1.0P	4.8
SBT50-SPHC10-150	251.8	150	112	38	80	100	17		50	10	41	31	M8*1.0P	4.3
SBT50-SPHC10-200	301.8	200	162	38	130	100	17		50	10	41	31	M8*1.0P	4.5
SBT50-SPHC10-250	351.8	250	212	38	180	100	17		50	10	41	31	M8*1.0P	4.7
SBT50-SPHC10-300	401.8	300	262	38	230	100	17		50	10	41	31	M8*1.0P	4.9
SBT50-SPHC12-150	251.8	150	112	38	80	100	19		50	12	46	36	M10*1.0P	4.3
SBT50-SPHC12-200	301.8	200	162	38	130	100	19		50	12	46	36	M10*1.0P	4.5
SBT50-SPHC12-250	351.8	250	212	38	180	100	19		50	12	46	36	M10*1.0P	4.7
SBT50-SPHC12-300	401.8	300	262	38	230	100	19		50	12	46	36	M10*1.0P	4.9
SBT50-SPHC14-150	251.8	150	112	38	80	100	21		50	14	46	36	M10*1.0P	4.4
SBT50-SPHC14-200	301.8	200	162	38	130	100	21		50	14	46	36	M10*1.0P	4.6
SBT50-SPHC14-250	351.8	250	212	38	180	100	21		50	14	46	36	M10*1.0P	4.8
SBT50-SPHC14-300	401.8	300	262	38	230	100	21		50	14	46	36	M10*1.0P	5
SBT50-SPHC16-150	251.8	150	112	38	80	100	23		50	16	75	39	M12*1.0P	4.4
SBT50-SPHC16-200	301.8	200	162	38	130	100	23		50	16	75	39	M12*1.0P	4.6
SBT50-SPHC16-250	351.8	250	212	38	180	100	23		50	16	75	39	M12*1.0P	4.8
SBT50-SPHC16-300	401.8	300	262	38	230	100	23		50	16	75	39	M12*1.0P	5
SBT50-SPHC18-150	251.8	150	112	38	80	100	25		50	18	75	39	M12*1.0P	4.5
SBT50-SPHC18-200	301.8	200	162	38	130	100	25		50	18	75	39	M12*1.0P	4.7
SBT50-SPHC18-250	351.8	250	212	38	180	100	25		50	18	75	39	M12*1.0P	4.9
SBT50-SPHC18-300	401.8	300	262	38	230	100	25		50	18	75	39	M12*1.0P	5.1
SBT50-SPHC20-150	251.8	150	112	38	80	100	27		50	20	75	41	M16*1.0P	4.6
SBT50-SPHC20-200	301.8	200	162	38	130	100	27		50	20	75	41	M16*1.0P	4.8
SBT50-SPHC20-250	351.8	250	212	38	180	100	27		50	20	75	41	M16*1.0P	5
SBT50-SPHC20-300	401.8	300	262	38	230	100	27		50	20	75	41	M16*1.0P	5.2

SBT30/40-SLK 热缩基础柄 SBT30/40-SLK SEMI-FINISHED SHRINK FIT CHUCK









P.J29

FIG. 1

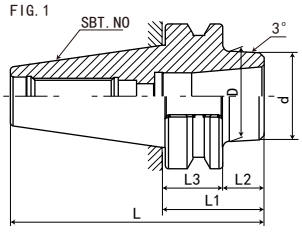


FIG. 2

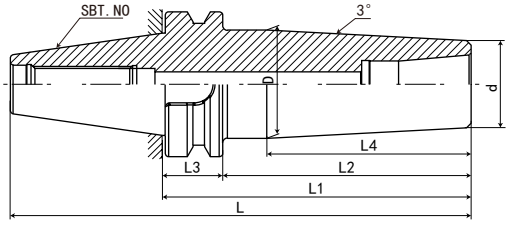
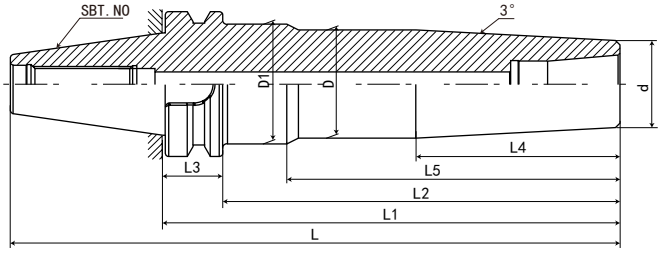


FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	d	FIG	重量 KGS
SBT30-SLK12-45	93.4	45	24	22	-	-	40	-	38	1	
SBT40-SLK12-45	110.4	45	19	27	-	-	40	-	38	1	1.15
SBT40-SLK12-75	140.4	75	49	27	-	-	42.4	-	38	1	1.45
SBT40-SLK12-135	200.4	135	109	27	89	-	47	-	38	2	2.2
SBT40-SLK12-165	230.4	165	139	27	89	-	47	-	38	2	2.65
SBT40-SLK12-200	265.4	200	174	27	89	145	47	52	38	3	3.25
SBT40-SLK12-220	290.4	225	199	27	89	145	47	52	38	3	

SBT50-SLK 热缩基础柄 SBT50-SLK SEMI-FINISHED SHRINK FIT CHUCK









P.J29

FIG. 1

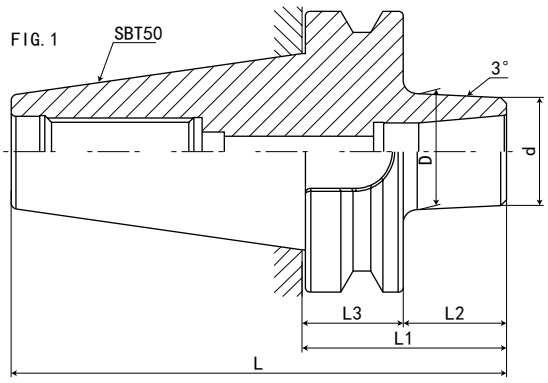
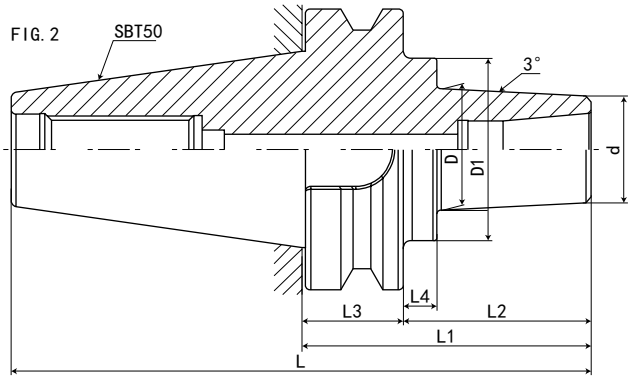


FIG. 2

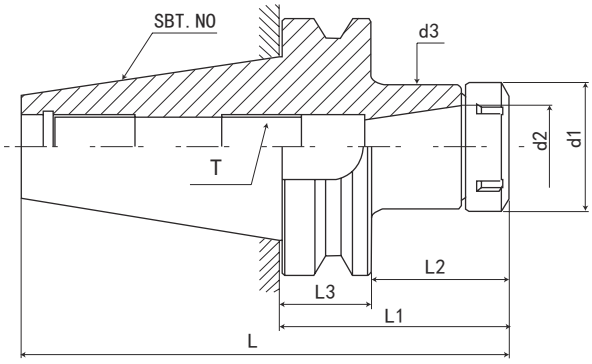


规 格 Model	L	L1	L2	L3	L4	D	D1	d	FIG	重量 KGS
SBT50-SLK12-75	176.8	75	37	38	-	41	-	38	1	
SBT50-SLK12-105	206.8	105	67	38	12	43	65	38	2	
SBT50-SLK12-135	236.8	135	97	38	12	46.5	65	38	2	
SBT50-SLK12-225	326.8	225	187	38	12	56	65	38	2	
SBT50-SLK12-265	366.8	265	227	38	12	60	65	38	2	
SBT50-SLK12-315	416.8	315	277	38	12	65.5	65.5	38	2	

数控刀柄系列 CNC TOOL SYSTEMS

SBT-ER 弹性筒夹刀柄 SBT-ER COLLET CHUCK






P.J31


P.J06

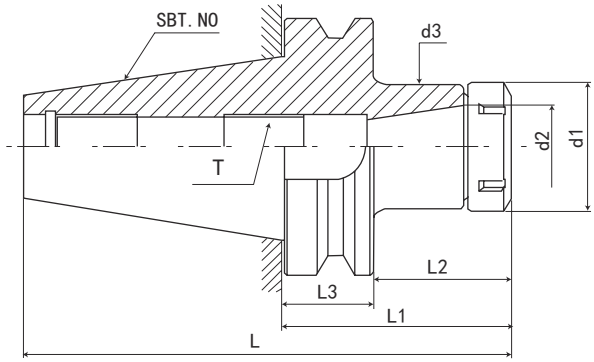

P.J33


P.J29

规格 / 型号 Model	L	L1	L2	L3	d1	d2	d3	T	夹持范围 Range	重量 KGS
SBT30-ER11-70	119.3	70	49	22	16	11	16	M6*1.0P	1-7mm	0.53
SBT30-ER11-100	149.3	100	79	22	16	11	16	M6*1.0P	1-7mm	0.53
SBT30-ER16-70	119.3	70	49	22	28	16	28	M10*1.5P	1-10mm	0.61
SBT30-ER16-100	149.3	100	79	22	28	16	28	M10*1.5P	1-10mm	0.7
SBT30-ER20-70	119.3	70	49	22	34	20	34	M12*1.75P	1-13mm	0.67
SBT30-ER20-100	149.3	100	79	22	34	20	34	M12*1.75P	1-13mm	0.8
SBT30-ER25-70	119.3	70	49	22	42	25	42	M16*2.0P	1-16mm	0.7
SBT30-ER25-100	149.3	100	79	22	42	25	42	M16*2.0P	1-16mm	1
SBT30-ER32-70	119.3	70	49	22	50	32	50	M16*2.0P	1-20mm	0.78
SBT30-ER32-100	149.3	100	79	22	50	32	50	M16*2.0P	1-20mm	1
SBT40-ER11-75	141.4	75	49	27	16	11	16	M6*1.0P	1-7mm	
SBT40-ER11-100	166.4	100	74	27	16	11	16	M6*1.0P	1-7mm	
SBT40-ER16-75	141.4	75	49	27	28	16	28	M10*1.5P	1-10mm	1.3
SBT40-ER16-100	166.4	100	74	27	28	16	28	M10*1.5P	1-10mm	1.3
SBT40-ER16-120	186.4	120	94	27	28	16	28	M10*1.5P	1-10mm	1.42
SBT40-ER16-150	216.4	150	124	27	28	16	28	M10*1.5P	1-10mm	1.6
SBT40-ER20-75	141.4	75	49	27	34	20	34	M12*1.75P	1-13mm	1.2
SBT40-ER20-100	166.4	100	74	27	34	20	34	M12*1.75P	1-13mm	1.4
SBT40-ER20-120	186.4	120	94	27	34	20	34	M12*1.75P	1-13mm	1.52
SBT40-ER20-150	216.4	150	124	27	34	20	34	M12*1.75P	1-13mm	1.7
SBT40-ER25-75	141.4	75	49	27	42	25	42	M16*2.0P	1-16mm	1.3
SBT40-ER25-100	166.4	100	74	27	42	25	42	M16*2.0P	1-16mm	1.6
SBT40-ER25-120	186.4	120	94	27	42	25	42	M16*2.0P	1-16mm	1.78
SBT40-ER25-150	216.4	150	124	27	42	25	42	M16*2.0P	1-16mm	2.05
SBT40-ER32-75	141.4	75	49	27	50	32	50	M16*2.0P	1-20mm	1.47
SBT40-ER32-100	166.4	100	74	27	50	32	50	M16*2.0P	1-20mm	1.7
SBT40-ER32-120	186.4	120	94	27	50	32	50	M16*2.0P	1-20mm	1.98
SBT40-ER32-150	216.4	150	124	27	50	32	50	M16*2.0P	1-20mm	2.4
SBT40-ER32-200	266.4	200	174	27	50	32	50	M16*2.0P	1-20mm	3.15
SBT40-ER40-80	146.4	80	54	27	63	40	63	M20*2.0P	2-26mm	1.5
SBT40-ER40-100	166.4	100	74	27	63	40	63	M20*2.0P	2-26mm	2.1
SBT40-ER40-120	186.4	120	94	27	63	40	63	M20*2.0P	2-26mm	2.54
SBT40-ER40-150	216.4	150	124	27	63	40	63	M20*2.0P	2-26mm	3.2

SBT50-ER 弹性筒夹刀柄 SBT50-ER COLLET CHUCK






P.J31


P.J06


P.J33


P.J29

规格 / 型号 Model	L	L1	L2	L3	d1	d2	d3	T	夹持范围 Range	重量 KGS
SBT50-ER16-100	203.3	100	63.5	38	28	16	28	M10*1.5P	1-10mm	3.9
SBT50-ER16-135	238.3	135	98.5	38	28	16	28	M10*1.5P	1-10mm	4.04
SBT50-ER16-165	268.3	165	128.5	38	28	16	28	M10*1.5P	1-10mm	4.16
SBT50-ER16-200	303.3	200	163.5	38	28	16	28	M10*1.5P	1-10mm	4.3
SBT50-ER20-100	203.3	100	63.5	38	34	20	34	M12*1.75P	1-13mm	4
SBT50-ER20-135	238.3	135	98.5	38	34	20	34	M12*1.75P	1-13mm	4.21
SBT50-ER20-165	268.3	165	128.5	38	34	20	34	M12*1.75P	1-13mm	4.39
SBT50-ER20-200	303.3	200	163.5	38	34	20	34	M12*1.75P	1-13mm	4.6
SBT50-ER25-100	203.3	100	63.5	38	42	25	42	M16*2.0P	1-16mm	4.1
SBT50-ER25-135	238.3	135	98.5	38	42	25	42	M16*2.0P	1-16mm	4.45
SBT50-ER25-165	268.3	165	128.5	38	42	25	42	M16*2.0P	1-16mm	4.75
SBT50-ER25-200	303.3	200	163.5	38	42	25	42	M16*2.0P	1-16mm	5.1
SBT50-ER25-250	353.3	250	213.5	38	42	25	42	M16*2.0P	1-16mm	5.8
SBT50-ER25-300	403.3	300	263.5	38	42	25	42	M16*2.0P	1-16mm	6.2
SBT50-ER32-100	203.3	100	63.5	38	50	32	50	M16*2.0P	1-20mm	4.2
SBT50-ER32-135	238.3	135	98.5	38	50	32	50	M16*2.0P	1-20mm	4.725
SBT50-ER32-165	268.3	165	128.5	38	50	32	50	M16*2.0P	1-20mm	5.175
SBT50-ER32-200	303.3	200	163.5	38	50	32	50	M16*2.0P	1-20mm	5.7
SBT50-ER32-250	353.3	250	213.5	38	50	32	50	M16*2.0P	1-20mm	6.3
SBT50-ER32-300	403.3	300	263.5	38	50	32	50	M16*2.0P	1-20mm	7.2
SBT50-ER40-100	203.3	100	63.5	38	63	40	63	M20*2.0P	2-26mm	4.5
SBT50-ER40-135	238.3	135	98.5	38	63	40	63	M20*2.0P	2-26mm	5.27
SBT50-ER40-165	268.3	165	128.5	38	63	40	63	M20*2.0P	2-26mm	5.93
SBT50-ER40-200	303.3	200	163.5	38	63	40	63	M20*2.0P	2-26mm	6.7
SBT50-ER40-250	353.3	250	213.5	38	63	40	63	M20*2.0P	2-26mm	7.8
SBT50-ER40-300	403.3	300	263.5	38	63	40	63	M20*2.0P	2-26mm	9
SBT50-ER50-100	203.3	100	63.5	38	78	50	78	M24*2.0P	5-34mm	3.9
SBT50-ER50-150	253.3	150	113.5	38	78	50	78	M24*2.0P	5-34mm	6.2

SBT30-FMH 端面出水铣刀柄 SBT30-FMH FACE MILL HOLDER-COOLANT TYPE






P.J29


P.M12

FIG. 1

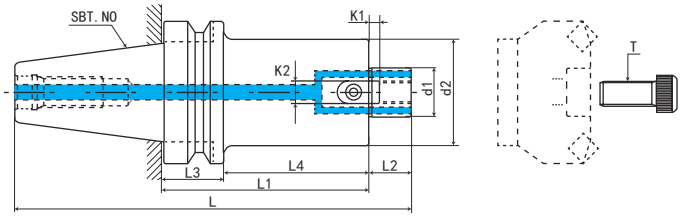
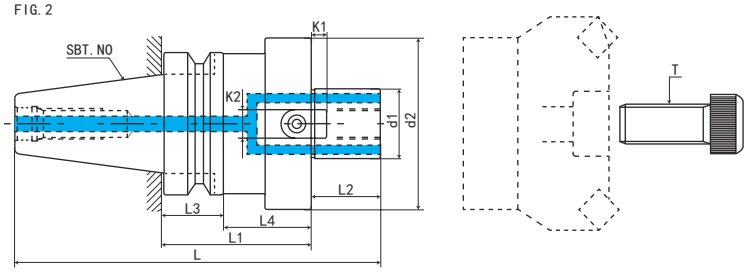


FIG. 2



规 格 Model	L	L1	L2	L3	L4	d1	d2	K1	K2	T	FIG	重量 KGS
SBT30-FMH16-45-D37	111.3	45	17	22	24	16	37	3.2	8	M8*1.25P	1	
SBT30-FMH16-60-D37	126.3	60	17	22	39	16	37	3.2	8	M8*1.25P	1	0.5
SBT30-FMH22-45-D47	112.3	45	18	22	24	22	47	4.8	10	M10*1.5P	2	0.75
SBT30-FMH22-60-D47	127.3	60	18	22	39	22	47	4.8	10	M10*1.5P	2	1.5
SBT30-FMH27-45-D60	114.3	45	20	22	24	27	60	5.8	12	M12*1.75P	2	1.45
SBT30-FMH27-60-D60	129.3	60	20	22	39	27	60	5.8	12	M12*1.75P	2	1.45
SBT30-FMH32-45-D68	116.3	45	22	22	24	32	68	6.8	14	M16*2.0P	2	1.5
SBT30-FMH32-60-D68	131.3	60	22	22	39	32	68	6.8	14	M16*2.0P	2	1.5
SBT30-FMH25.4-45-D60	114.3	45	20	22	24	25.4	60	4.52	9.52	M12*1.75P	2	1.1
SBT30-FMH25.4-60-D60	129.3	60	20	22	39	25.4	60	4.52	9.52	M12*1.75P	2	1.3
SBT30-FMH31.75-45-D68	116.3	45	22	22	24	31.75	68	6.7	12.7	M16*2.0P	2	1.35
SBT30-FMH31.75-60-D68	131.3	60	22	22	39	31.75	68	6.7	12.7	M16*2.0P	2	1.5

SBT40-FMH 端面出水铣刀柄 SBT40-FMH FACE MILL HOLDER-COOLANT TYPE







P.J29



P.M12

FIG. 1

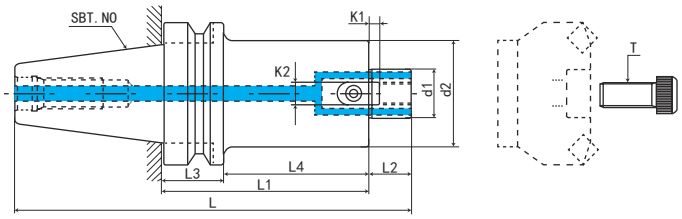
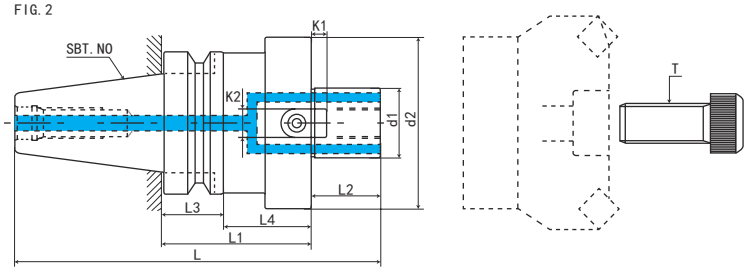


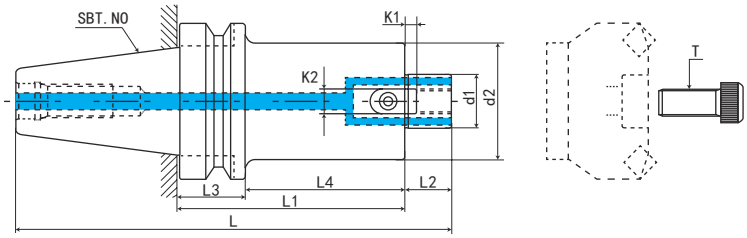
FIG. 2



规 格 Model	L	L1	L2	L3	L4	d1	d2	K1	K2	T	FIG	重量 KGS
SBT40-FMH16-60-D37	143.4	60	17	27	34	16	37	3.2	8	M8*1.25P	1	1.3
SBT40-FMH16-100-D37	183.4	100	17	27	74	16	37	3.2	8	M8*1.25P	1	1.4
SBT40-FMH22-45-D47	129.4	45	18	27	19	22	47	4.8	10	M10*1.5P	1	1.29
SBT40-FMH22-60-D47	144.4	60	18	27	34	22	47	4.8	10	M10*1.5P	1	1.5
SBT40-FMH22-100-D47	184.4	100	18	27	74	22	47	4.8	10	M10*1.5P	1	2.05
SBT40-FMH22-150-D47	234.4	150	18	27	124	22	47	4.8	10	M10*1.5P	1	2.75
SBT40-FMH22-200-D47	284.4	200	18	27	174	22	47	4.8	10	M10*1.5P	1	3.6
SBT40-FMH22-250-D47	334.4	250	18	27	224	22	47	4.8	10	M10*1.5P	1	4.25
SBT40-FMH27-45-D60	131.4	45	20	27	19	27	60	5.8	12	M12*1.75P	1	2.23
SBT40-FMH27-60-D60	146.4	60	20	27	34	27	60	5.8	12	M12*1.75P	1	2.35
SBT40-FMH27-100-D60	186.4	100	20	27	74	27	60	5.8	12	M12*1.75P	1	3.1
SBT40-FMH27-150-D60	236.4	150	20	27	124	27	60	5.8	12	M12*1.75P	1	3.9
SBT40-FMH27-200-D60	286.4	200	20	27	174	27	60	5.8	12	M12*1.75P	1	4.8
SBT40-FMH32-45-D68	133.4	45	22	27	19	32	68	6.8	14	M16*2.0P	2	1.78
SBT40-FMH32-60-D68	148.4	60	22	27	34	32	68	6.8	14	M16*2.0P	2	1.9
SBT40-FMH32-100-D68	188.4	100	22	27	74	32	68	6.8	14	M16*2.0P	2	2.8
SBT40-FMH32-150-D68	238.4	150	22	27	124	32	68	6.8	14	M16*2.0P	2	3.6
SBT40-FMH40-45-D78	136.41	45	25	27	19	40	78	8.3	16	M16*2.0P	2	2.605
SBT40-FMH40-60-D78	151.4	60	25	27	34	40	78	8.3	16	M16*2.0P	2	2.8
SBT40-FMH40-100-D78	191.4	100	25	27	74	40	78	8.3	16	M16*2.0P	2	3.6
SBT40-FMH40-150-D78	241.4	150	25	27	124	40	78	8.3	16	M16*2.0P	2	4.9
SBT40-FMH25.4-45-D60	131.4	45	20	27	19	25.4	60	4.52	9.52	M12*1.75P	1	1.395
SBT40-FMH25.4-60-D60	146.4	60	20	27	34	25.4	60	4.52	9.52	M12*1.75P	1	1.5
SBT40-FMH25.4-100-D60	186.4	100	20	27	74	25.4	60	4.52	9.52	M12*1.75P	1	2.05
SBT40-FMH25.4-150-D60	236.4	150	20	27	124	25.4	60	4.52	9.52	M12*1.75P	1	2.75
SBT40-FMH25.4-200-D60	286.4	200	20	27	174	25.4	60	4.52	9.52	M12*1.75P	1	3.6
SBT40-FMH31.75-45-D68	133.4	45	22	27	19	31.75	68	6.7	12.7	M16*2.0P	2	1.87
SBT40-FMH31.75-60-D68	148.4	60	22	27	34	31.75	68	6.7	12.7	M16*2.0P	2	2.05
SBT40-FMH31.75-100-D68	188.4	100	22	27	74	31.75	68	6.7	12.7	M16*2.0P	2	2.9
SBT40-FMH31.75-150-D68	238.4	150	22	27	124	31.75	68	6.7	12.7	M16*2.0P	2	4.1
SBT40-FMH38.1-45-D78	136.4	45	25	27	19	38.1	78	8.87	15.87	M16*2.0P	2	1.78
SBT40-FMH38.1-60-D78	151.4	60	25	27	34	38.1	78	8.87	15.87	M16*2.0P	2	2.1
SBT40-FMH38.1-100-D78	191.4	100	25	27	74	38.1	78	8.87	15.87	M16*2.0P	2	2.95
SBT40-FMH38.1-150-D78	241.4	150	25	27	124	38.1	78	8.87	15.87	M16*2.0P	2	4.02

SBT50-FMH 端面出水铣刀柄 SBT50-FMH FACE MILL HOLDER-COOLANT TYPE






P.J29


P.M12

规 格 Model	L	L1	L2	L3	L4	d1	d2	K1	K2	T	重量 KGS
SBT50-FMH16- 60-D37	180.3	60	17	38	23.5	16	37	3.2	8	M8*1.25P	4
SBT50-FMH16-100-D37	220.3	100	17	38	63.5	16	37	3.2	8	M8*1.25P	4.2
SBT50-FMH16-150-D37	270.3	150	17	38	113.5	16	37	3.2	8	M8*1.25P	4.5
SBT50-FMH16-200-D37	320.3	200	17	38	163.5	16	37	3.2	8	M8*1.25P	4.8
SBT50-FMH22- 60-D47	181.3	60	18	38	23.5	22	47	4.8	10	M10*1.5P	4.6
SBT50-FMH22-100-D47	221.3	100	18	38	63.5	22	47	4.8	10	M10*1.5P	4.55
SBT50-FMH22-150-D47	271.3	150	18	38	113.5	22	47	4.8	10	M10*1.5P	5.25
SBT50-FMH22-200-D47	321.3	200	18	38	163.5	22	47	4.8	10	M10*1.5P	6
SBT50-FMH22-250-D47	371.3	250	18	38	213.5	22	47	4.8	10	M10*1.5P	7
SBT50-FMH22-300-D47	421.3	300	18	38	263.5	22	47	4.8	10	M10*1.5P	7.7
SBT50-FMH22-350-D47	471.3	350	18	38	313.5	22	47	4.8	10	M10*1.5P	8.4
SBT50-FMH22-400-D47	521.3	400	18	38	363.5	22	47	4.8	10	M10*1.5P	9.2
SBT50-FMH22-450-D47	571.3	450	18	38	413.5	22	47	4.8	10	M10*1.5P	10
SBT50-FMH22-500-D47	621.3	500	18	38	463.5	22	47	4.8	10	M10*1.5P	11.2
SBT50-FMH22- 60-D60	181.3	60	18	38	23.5	22	60	4.8	10	M10*1.5P	4.4
SBT50-FMH22-100-D60	221.3	100	18	38	63.5	22	60	4.8	10	M10*1.5P	5.2
SBT50-FMH22-150-D60	271.3	150	18	38	113.5	22	60	4.8	10	M10*1.5P	6.3
SBT50-FMH22-200-D60	321.3	200	18	38	163.5	22	60	4.8	10	M10*1.5P	7.2
SBT50-FMH22-250-D60	371.3	250	18	38	213.5	22	60	4.8	10	M10*1.5P	8.3
SBT50-FMH22-300-D60	421.3	300	18	38	263.5	22	60	4.8	10	M10*1.5P	
SBT50-FMH22-350-D60	471.3	350	18	38	313.5	22	60	4.8	10	M10*1.5P	
SBT50-FMH22-400-D60	521.3	400	18	38	363.5	22	60	4.8	10	M10*1.5P	
SBT50-FMH22-450-D60	571.3	450	18	38	413.5	22	60	4.8	10	M10*1.5P	
SBT50-FMH22-500-D60	621.3	500	18	38	463.5	22	60	4.8	10	M10*1.5P	
SBT50-FMH27- 45-D60	168.3	45	20	38	8.5	27	60	5.8	12	M12*1.75P	
SBT50-FMH27- 60-D60	183.3	60	20	38	23.5	27	60	5.8	12	M12*1.75P	4.5
SBT50-FMH27-100-D60	223.3	100	20	38	63.5	27	60	5.8	12	M12*1.75P	5.3
SBT50-FMH27-150-D60	273.3	150	20	38	113.5	27	60	5.8	12	M12*1.75P	6.2
SBT50-FMH27-200-D60	323.3	200	20	38	163.5	27	60	5.8	12	M12*1.75P	7.2
SBT50-FMH27-250-D60	373.3	250	20	38	213.5	27	60	5.8	12	M12*1.75P	8.4
SBT50-FMH27-300-D60	423.3	300	20	38	263.5	27	60	5.8	12	M12*1.75P	
SBT50-FMH27-350-D60	473.3	350	20	38	313.5	27	60	5.8	12	M12*1.75P	
SBT50-FMH27-400-D60	523.3	400	20	38	363.5	27	60	5.8	12	M12*1.75P	
SBT50-FMH27-450-D60	573.3	450	20	38	413.5	27	60	5.8	12	M12*1.75P	
SBT50-FMH27-500-D60	623.3	500	20	38	463.5	27	60	5.8	12	M12*1.75P	

SBT50-FMH 端面出水铣刀柄 SBT50-FMH FACE MILL HOLDER-COOLANT TYPE



FIG. 1

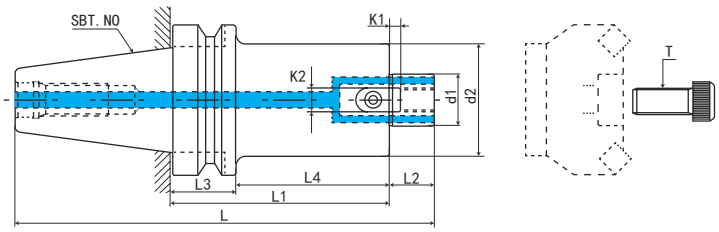
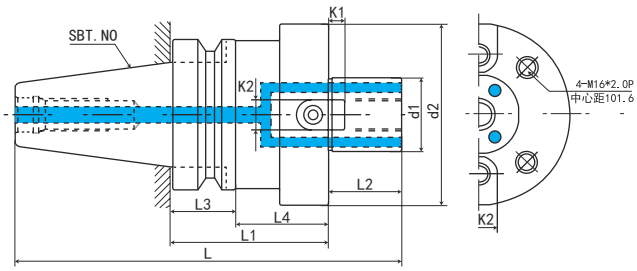




FIG. 2





P.J29



P.M12

规 格 Model	L	L1	L2	L3	L4	d1	d2	K1	K2	T	FIG	重量 KGS
SBT50-FMH27-45-D76	168.3	45	20	38	8.5	27	76	5.8	12	M12*1.75P	1	
SBT50-FMH27-60-D76	183.3	60	20	38	23.5	27	76	5.8	12	M12*1.75P	1	
SBT50-FMH27-100-D76	223.3	100	20	38	63.5	27	76	5.8	12	M12*1.75P	1	
SBT50-FMH27-150-D76	273.3	150	20	38	113.5	27	76	5.8	12	M12*1.75P	1	
SBT50-FMH27-200-D76	323.3	200	20	38	163.5	27	76	5.8	12	M12*1.75P	1	
SBT50-FMH27-250-D76	373.3	250	20	38	213.5	27	76	5.8	12	M12*1.75P	1	
SBT50-FMH27-300-D76	423.3	300	20	38	263.5	27	76	5.8	12	M12*1.75P	1	
SBT50-FMH27-350-D76	473.3	350	20	38	313.5	27	76	5.8	12	M12*1.75P	1	
SBT50-FMH27-400-D76	523.3	400	20	38	363.5	27	76	5.8	12	M12*1.75P	1	
SBT50-FMH27-450-D76	573.3	450	20	38	413.5	27	76	5.8	12	M12*1.75P	1	
SBT50-FMH27-500-D76	623.3	500	20	38	463.5	27	76	5.8	12	M12*1.75P	1	
SBT50-FMH32-45-D96	170.3	45	22	38	8.5	32	96	6.8	14	M16*2.0P	1	
SBT50-FMH32-60-D96	185.3	60	22	38	23.5	32	96	6.8	14	M16*2.0P	1	5.3
SBT50-FMH32-100-D96	225.3	100	22	38	63.5	32	96	6.8	14	M16*2.0P	1	7.5
SBT50-FMH32-150-D96	275.3	150	22	38	113.5	32	96	6.8	14	M16*2.0P	1	10.1
SBT50-FMH32-200-D96	325.3	200	22	38	163.5	32	96	6.8	14	M16*2.0P	1	13
SBT50-FMH32-250-D96	375.3	250	22	38	213.5	32	96	6.8	14	M16*2.0P	1	
SBT50-FMH32-300-D96	425.3	300	22	38	263.5	32	96	6.8	14	M16*2.0P	1	
SBT50-FMH32-350-D96	475.3	350	22	38	313.5	32	96	6.8	14	M16*2.0P	1	
SBT50-FMH40-45-D100	173.3	45	25	38	8.5	40	100	8.3	16	M16*2.0P	1	
SBT50-FMH40-60-D100	188.3	60	25	38	23.5	40	100	8.3	16	M16*2.0P	1	5.7
SBT50-FMH40-100-D100	228.3	100	25	38	63.5	40	100	8.3	16	M16*2.0P	1	8.2
SBT50-FMH40-150-D100	278.3	150	25	38	113.5	40	100	8.3	16	M16*2.0P	1	10.8
SBT50-FMH40-200-D100	328.3	200	25	38	163.5	40	100	8.3	16	M16*2.0P	1	13.9
SBT50-FMH40-250-D100	378.3	250	25	38	213.5	40	100	8.3	16	M16*2.0P	1	
SBT50-FMH40-300-D100	428.3	300	25	38	263.5	40	100	8.3	16	M16*2.0P	1	
SBT50-FMH60-75-D128	203.3	75	25	38	38.5	60	128	12.5	25.4	M16*2.0P	2	
SBT50-FMH60-100-D128	228.3	100	25	38	63.5	60	128	12.5	25.4	M16*2.0P	2	
SBT50-FMH60-150-D128	278.3	150	25	38	113.5	60	128	12.5	25.4	M16*2.0P	2	

SBT50-FMH 端面出水铣刀柄 SBT50-FMH FACE MILL HOLDER-COOLANT TYPE



FIG. 1

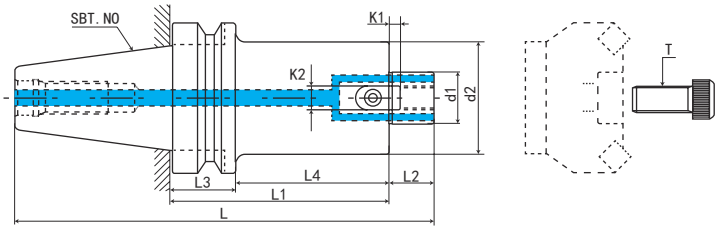
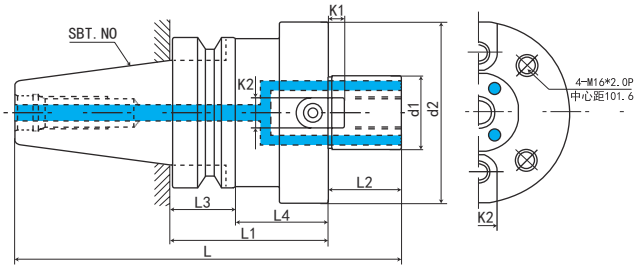




FIG. 2





P.J29



P.M12

规 格 Model	L	L1	L2	L3	L4	d1	d2	K1	K2	T	FIG	重量 KGS
SBT50- FMH25.4-45-D60	168.3	45	20	38	8.5	25.4	60	4.52	9.52	M12*1.75P	1	
SBT50- FMH25.4-60-D60	183.3	60	20	38	23.5	25.4	60	4.52	9.52	M12*1.75P	1	4.5
SBT50- FMH25.4-100-D60	223.3	100	20	38	63.5	25.4	60	4.52	9.52	M12*1.75P	1	5.3
SBT50- FMH25.4-150-D60	273.3	150	20	38	113.5	25.4	60	4.52	9.52	M12*1.75P	1	6.4
SBT50- FMH25.4-200-D60	323.3	200	20	38	163.5	25.4	60	4.52	9.52	M12*1.75P	1	7.4
SBT50- FMH25.4-250-D60	373.3	250	20	38	213.5	25.4	60	4.52	9.52	M12*1.75P	1	
SBT50- FMH25.4-300-D60	423.3	300	20	38	263.5	25.4	60	4.52	9.52	M12*1.75P	1	
SBT50- FMH25.4-45-D76	168.3	45	20	38	8.5	25.4	76	4.52	9.52	M12*1.75P	1	
SBT50- FMH25.4-60-D76	183.3	60	20	38	23.5	25.4	76	4.52	9.52	M12*1.75P	1	
SBT50- FMH25.4-100-D76	223.3	100	20	38	63.5	25.4	76	4.52	9.52	M12*1.75P	1	
SBT50- FMH25.4-150-D76	273.3	150	20	38	113.5	25.4	76	4.52	9.52	M12*1.75P	1	
SBT50- FMH25.4-200-D76	323.3	200	20	38	163.5	25.4	76	4.52	9.52	M12*1.75P	1	
SBT50- FMH25.4-250-D76	373.3	250	20	38	213.5	25.4	76	4.52	9.52	M12*1.75P	1	
SBT50- FMH25.4-300-D76	423.3	300	20	38	263.5	25.4	76	4.52	9.52	M12*1.75P	1	
SBT50-FMH31.75-45-D96	170.3	45	22	38	8.5	31.75	96	6.7	12.7	M16*2.0P	1	
SBT50-FMH31.75-60-D96	185.3	60	22	38	23.5	31.75	96	6.7	12.7	M16*2.0P	1	5.3
SBT50-FMH31.75-100-D96	225.3	100	22	38	63.5	31.75	96	6.7	12.7	M16*2.0P	1	7.5
SBT50-FMH31.75-150-D96	275.3	150	22	38	113.5	31.75	96	6.7	12.7	M16*2.0P	1	10.3
SBT50-FMH31.75-200-D96	325.3	200	22	38	163.5	31.75	96	6.7	12.7	M16*2.0P	1	13
SBT50-FMH31.75-250-D96	375.3	250	22	38	213.5	31.75	96	6.7	12.7	M16*2.0P	1	
SBT50-FMH31.75-300-D96	425.3	300	22	38	263.5	31.75	96	6.7	12.7	M16*2.0P	1	
SBT50- FMH38.1-45-D100	173.3	45	25	38	8.5	38.1	100	8.87	15.87	M16*2.0P	1	
SBT50- FMH38.1-60-D100	188.3	60	25	38	23.5	38.1	100	8.87	15.87	M16*2.0P	1	5.6
SBT50- FMH38.1-100-D100	228.3	100	25	38	63.5	38.1	100	8.87	15.87	M16*2.0P	1	8
SBT50- FMH38.1-150-D100	278.3	150	25	38	113.5	38.1	100	8.87	15.87	M16*2.0P	1	
SBT50- FMH38.1-200-D100	328.3	200	25	38	163.5	38.1	100	8.87	15.87	M16*2.0P	1	
SBT50- FMH38.1-250-D100	378.3	250	25	38	213.5	38.1	100	8.87	15.87	M16*2.0P	1	
SBT50- FMH38.1-300-D100	428.3	300	25	38	263.5	38.1	100	8.87	15.87	M16*2.0P	1	
SBT50-FMH47.625-75-D128	203.3	75	25	38	38.5	47.625	128	12.5	25.4	M16*2.0P	2	7.9
SBT50-FMH47.625-100-D128	228.3	100	25	38	63.5	47.625	128	12.5	25.4	M16*2.0P	2	
SBT50-FMH47.625-150-D128	278.3	150	25	38	113.5	47.625	128	12.5	25.4	M16*2.0P	2	

SBT-SLN 侧固式刀柄 SBT-SLN SIDE LOCK END MILL HOLDER





P.J29



P.P03

Fig. 1

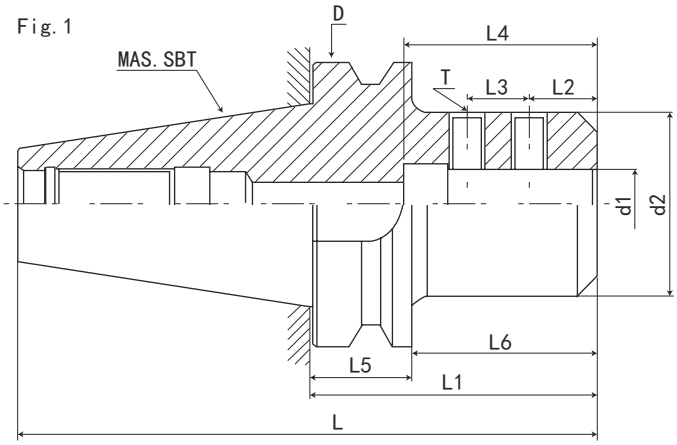
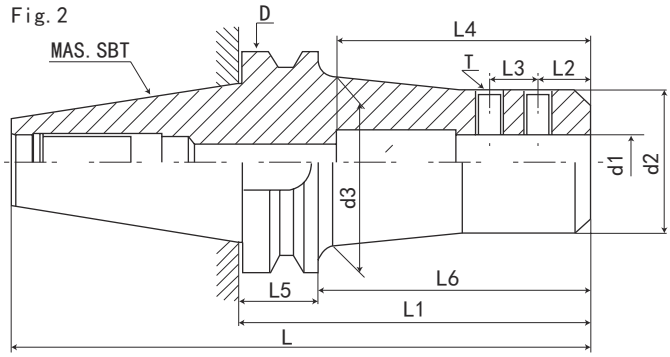


Fig. 2



规 格 Model	L	L1	L2	L3	L4	L5	L6	d1	d2	d3	FIG	T	重量 KGS
SBT30-SLN16-75	124.3	75	14	14	48	22	54	16	48	-	1	M10*1.5P	1.03
SBT30-SLN20-75	124.3	75	14	14	50	22	54	20	48	-	1	M10*1.5P	0.98
SBT30-SLN25-80	129.3	80	15	20	56	22	59	25	48	-	1	M16*2.0P	0.97
SBT30-SLN32-85	134.3	85	15	20	60	22	59	32	63	-	1	M16*2.0P	1.38
SBT40-SLN16-100	166.4	100	22	18	100	27	74	16	48	-	1	M10*1.5P	2
SBT40-SLN16-150	216.4	150	22	18	100	27	124	16	40	45	2	M10*1.5P	2.2
SBT40-SLN16-200	266.4	200	22	18	100	27	174	16	40	45	2	M10*1.5P	
SBT40-SLN20-100	166.4	100	25	20	110	27	74	20	52	-	1	M12*1.75P	2
SBT40-SLN20-150	216.4	150	25	20	110	27	124	20	45	50	2	M12*1.75P	2.5
SBT40-SLN20-200	266.4	200	25	20	110	27	174	20	45	50	2	M12*1.75P	
SBT40-SLN25-100	166.4	100	24	25	120	27	74	25	65	-	1	M12*1.75P	2.5
SBT40-SLN25-150	216.4	150	24	25	120	27	124	25	50	55	2	M12*1.75P	2.6
SBT40-SLN25-200	266.4	200	24	25	120	27	174	25	50	55	2	M12*1.75P	
SBT40-SLN32-100	166.4	100	24	28	120	27	74	32	65	-	1	M16*2.0P	2.4
SBT40-SLN32-150	216.4	150	24	28	120	27	124	32	58	63	2	M16*2.0P	2.9
SBT40-SLN32-200	266.4	200	24	28	120	27	174	32	58	63	2	M16*2.0P	
SBT40-SLN40-105	171.4	105	30	32	120	27	79	40	73	-	1	M16*2.0P	2.8
SBT40-SLN40-150	216.4	150	30	32	120	27	124	40	73	-	1	M16*2.0P	3.8
SBT40-SLN40-200	266.4	200	30	32	120	27	174	40	73	-	1	M16*2.0P	

SBT50-SLN 侧固式刀柄 SBT50-SLN SIDE LOCK END MILL HOLDER




P.J29


P.P03

Fig. 1

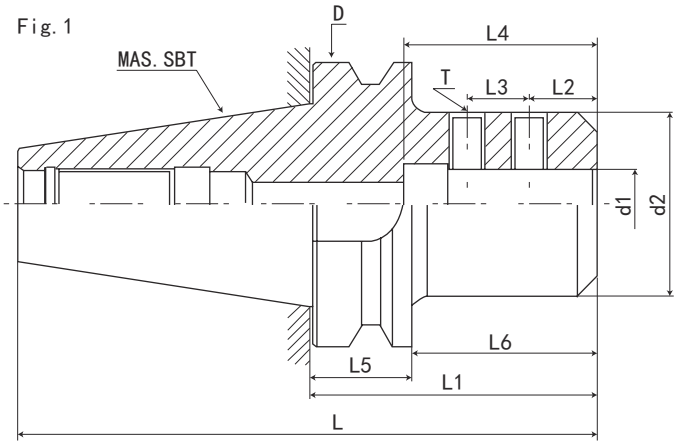
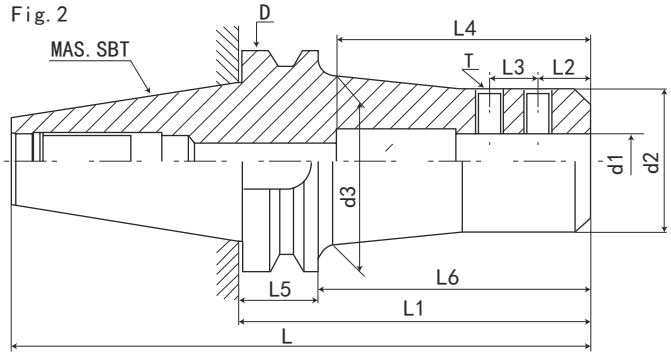


Fig. 2



规 格 Model	L	L1	L2	L3	L4	L5	L6	d1	d2	d3	FIG	T	重量 KGS
SBT50-SLN16-100	203.3	100	22	18	100	38	63.5	16	48	-	1	M10*1.5P	4.7
SBT50-SLN16-135	238.3	135	22	18	100	38	98.5	16	48	-	1	M10*1.5P	
SBT50-SLN16-165	268.3	165	22	18	100	38	128.5	16	40	45	2	M10*1.5P	
SBT50-SLN16-200	303.3	200	22	18	100	38	163.5	16	40	45	2	M10*1.5P	
SBT50-SLN16-250	353.3	250	22	18	100	38	213.5	16	40	45	2	M10*1.5P	
SBT50-SLN20-100	203.3	100	25	20	110	38	63.5	20	52	-	1	M12*1.75P	4.8
SBT50-SLN20-135	238.3	135	25	20	110	38	98.5	20	52	-	1	M12*1.75P	
SBT50-SLN20-165	268.3	165	25	20	110	38	128.5	20	45	50	2	M12*1.75P	
SBT50-SLN20-200	303.3	200	25	20	110	38	163.5	20	45	50	2	M12*1.75P	
SBT50-SLN20-250	353.3	250	25	20	110	38	213.5	20	45	50	2	M12*1.75P	
SBT50-SLN25-105	208.3	105	24	25	120	38	68.5	25	65	-	1	M12*1.75P	5.4
SBT50-SLN25-135	238.3	135	24	25	120	38	98.5	25	65	-	1	M12*1.75P	
SBT50-SLN25-165	268.3	165	24	25	120	38	128.5	25	50	55	2	M12*1.75P	
SBT50-SLN25-200	303.3	200	24	25	120	38	163.5	25	50	55	2	M12*1.75P	
SBT50-SLN25-250	353.3	250	24	25	120	38	213.5	25	50	55	2	M12*1.75P	
SBT50-SLN25-300	403.3	300	24	25	120	38	263.5	25	50	55	2	M12*1.75P	
SBT50-SLN32-105	208.3	105	24	28	120	38	68.5	32	72	-	1	M16*2.0P	5.5
SBT50-SLN32-135	238.3	135	24	28	120	38	98.5	32	72	-	1	M16*2.0P	
SBT50-SLN32-165	268.3	165	24	28	120	38	128.5	32	60	65	2	M16*2.0P	
SBT50-SLN32-200	303.3	200	24	28	120	38	163.5	32	60	65	2	M16*2.0P	
SBT50-SLN32-250	353.3	250	24	28	120	38	213.5	32	60	65	2	M16*2.0P	
SBT50-SLN32-300	403.3	300	24	28	120	38	263.5	32	60	65	2	M16*2.0P	

SBT50-SLN 侧固式刀柄 SBT50-SLN SIDE LOCK END MILL HOLDER





P.J29



P.P03

Fig. 1

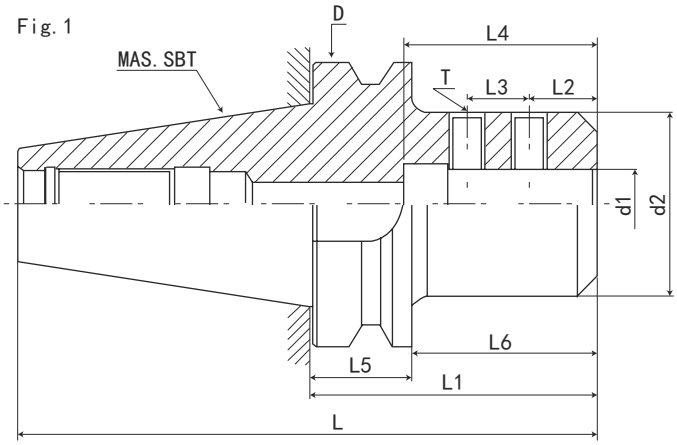
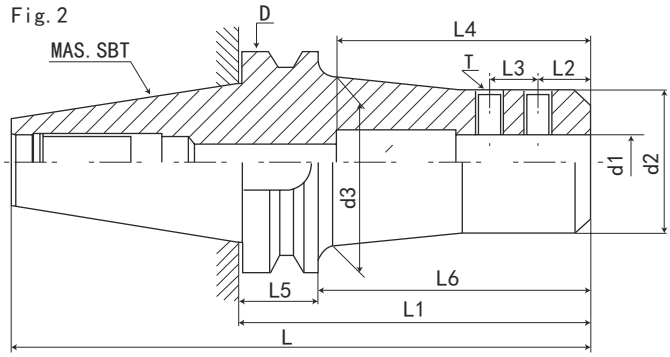


Fig. 2



规 格 Model	L	L1	L2	L3	L4	L5	L6	d1	d2	d3	FIG	T	重量 KGS
SBT50-SLN40-115	218.3	115	30	32	120	38	78.5	40	80	-	1	M20*2.5P	5.8
SBT50-SLN40-135	238.3	135	30	32	120	38	98.5	40	80	-	1	M20*2.5P	
SBT50-SLN40-165	268.3	165	30	32	120	38	128.5	40	70	75	2	M16*2.0P	
SBT50-SLN40-200	303.3	200	30	32	120	38	163.5	40	70	75	2	M16*2.0P	
SBT50-SLN40-250	353.3	250	30	32	120	38	213.5	40	70	75	2	M16*2.0P	
SBT50-SLN40-300	403.3	300	30	32	120	38	263.5	40	70	75	2	M16*2.0P	
SBT50-SLN42-115	218.3	115	30	32	120	38	78.5	42	80	-	1	M20*2.5P	5.6
SBT50-SLN42-135	238.3	135	30	32	120	38	98.5	42	80	-	1	M20*2.5P	
SBT50-SLN42-165	268.3	165	30	32	120	38	128.5	42	70	75	2	M16*2.0P	
SBT50-SLN42-200	303.3	200	30	32	120	38	163.5	42	70	75	2	M16*2.0P	
SBT50-SLN50-120	221.3	120	35	35	120	38	78.5	50	90	-	1	M20*2.5P	
SBT50-SLN50-150	253.3	150	35	35	120	38	113.5	50	85	90	2	M20*2.5P	
SBT50-SLN50-200	303.3	200	35	35	120	38	163.5	50	85	90	2	M20*2.5P	
SBT50-SLN50.8-120	221.3	120	35	35	120	38	78.5	50.8	90	-	1	M20*2.5P	
SBT50-SLN50.8-150	253.3	150	35	35	120	38	113.5	50.8	85	90	2	M20*2.5P	
SBT50-SLN50.8-200	303.3	200	35	35	120	38	163.5	50.8	85	90	2	M20*2.5P	

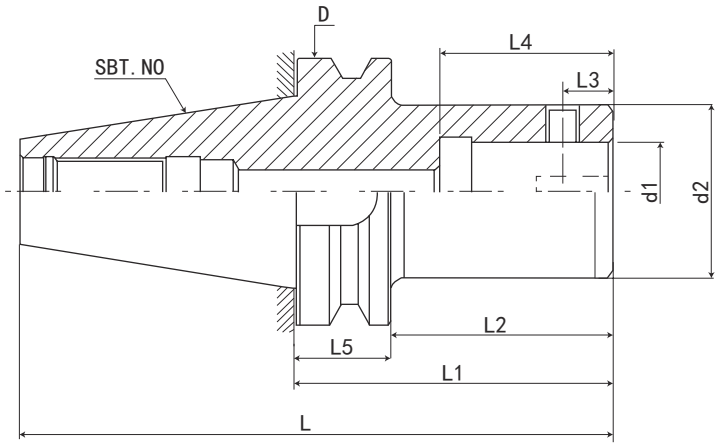
SBT-CK 镗头刀柄 SBT-CK BORING HEAD SHANK




P.J29


P.K39


P.J30



规格 Model	L	L1	L2	L3	L4	L5	d1	d2	D	T	重量 KGS
SBT30-CK1-105	154.3	105	84	5.05	30	22	11	19	46	M4*0.5P	0.51
SBT30-CK2-75	124.3	75	54	6.62	31	22	14	24	46	M5*0.5P	0.44
SBT30-CK2-120	169.3	120	99	6.62	31	22	14	24	46	M5*0.5P	0.57
SBT30-CK3-80	129.3	80	59	8	35	22	18	31	46	M6*0.75P	0.45
SBT30-CK3-120	169.3	120	99	8	35	22	18	31	46	M6*0.75P	0.67
SBT30-CK4-85	134.3	85	64	10	39	22	22	39	46	M8*0.75P	0.46
SBT30-CK4-120	169.3	120	99	10	39	22	22	39	46	M8*0.75P	0.78
SBT30-CK5-85	134.3	85	64	13	45	22	28	50	46	M10*1.0P	0.76
SBT30-CK5-120	169.3	120	99	13	45	22	28	50	46	M10*1.0P	0.8
SBT30-CK6-85	134.3	85	64	16	55	22	36	63	46	M12*1.0P	0.85
SBT30-CK6-135	184.3	135	114	16	55	22	36	63	46	M12*1.0P	0.93
SBT40-CK1-105	171.4	105	79	5.05	30	27	11	19	63	M4*0.5P	
SBT40-CK2-80	146.4	80	54	6.62	31	27	14	24	63	M5*0.5P	
SBT40-CK2-120	186.4	120	94	6.62	31	27	14	24	63	M5*0.5P	
SBT40-CK3-85	151.4	85	59	8	35	27	18	31	63	M6*0.75P	
SBT40-CK3-135	201.4	135	109	8	35	27	18	31	63	M6*0.75P	
SBT40-CK3-165	231.4	165	139	8	35	27	18	31	63	M6*0.75P	
SBT40-CK4-90	156.4	90	64	10	39	27	22	39	63	M8*0.75P	
SBT40-CK4-135	201.4	135	109	10	39	27	22	39	63	M8*0.75P	
SBT40-CK4-165	231.4	165	139	10	39	27	22	39	63	M8*0.75P	
SBT40-CK4-195	261.4	195	169	10	39	27	22	39	63	M8*0.75P	
SBT40-CK5-65	106.4	65	39	13	45	27	28	50	63	M10*1.0P	
SBT40-CK5-105	171.4	105	79	13	45	27	28	50	63	M10*1.0P	
SBT40-CK5-135	201.4	135	109	13	45	27	28	50	63	M10*1.0P	
SBT40-CK5-165	231.4	165	139	13	45	27	28	50	63	M10*1.0P	
SBT40-CK5-195	261.4	195	169	13	45	27	28	50	63	M10*1.0P	
SBT40-CK6-65	131.4	65	39	16	55	27	36	63	63	M12*1.0P	
SBT40-CK6-105	171.4	105	79	16	55	27	36	63	63	M12*1.0P	
SBT40-CK6-135	201.4	135	109	16	55	27	36	63	63	M12*1.0P	
SBT40-CK6-165	231.4	165	139	16	55	27	36	63	63	M12*1.0P	
SBT40-CK6-195	261.4	195	169	16	55	27	36	63	63	M12*1.0P	
SBT40-CK6-245	311.4	245	219	16	55	27	36	63	63	M12*1.0P	

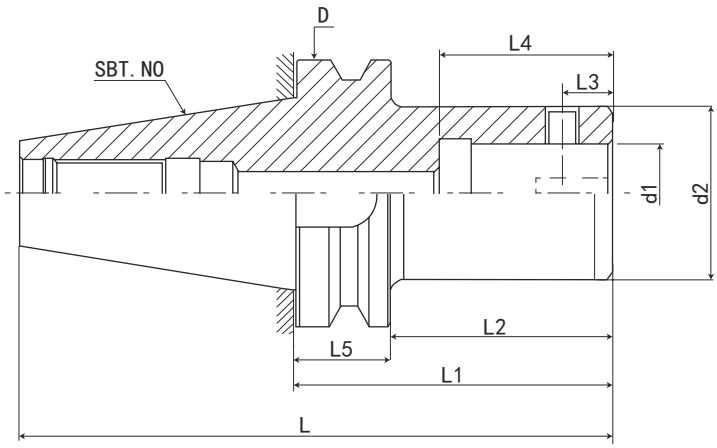
SBT50-CK 镗头刀柄 SBT50-CK BORING HEAD SHANK




P.J29


P.K39


P.J30



规格 Model	L	L1	L2	L3	L4	L5	d1	d2	D	T	重量 KGS
SBT50-CK1-135	238.3	135	98.5	5.05	30	38	11	19	100	M4*0.5P	4.3
SBT50-CK2-90	193.3	90	53.5	6.62	31	38	14	24	100	M5*0.5P	
SBT50-CK2-115	218.3	115	78.5	6.62	31	38	14	24	100	M5*0.5P	4.1
SBT50-CK2-150	253.3	150	113.5	6.62	31	38	14	24	100	M5*0.5P	4.5
SBT50-CK3-95	198.3	95	58.5	8	35	38	18	31	100	M6*0.75P	
SBT50-CK3-125	228.3	125	88.5	8	35	38	18	31	100	M6*0.75P	4.3
SBT50-CK3-165	268.3	165	128.5	8	35	38	18	31	100	M6*0.75P	4.7
SBT50-CK3-205	308.3	205	168.5	8	35	38	18	31	100	M6*0.75P	4.9
SBT50-CK4-105	208.3	105	68.5	10	39	38	22	39	100	M8*0.75P	
SBT50-CK4-165	268.3	165	128.5	10	39	38	22	39	100	M8*0.75P	5.1
SBT50-CK4-225	328.3	225	188.5	10	39	38	22	39	100	M8*0.75P	
SBT50-CK4-255	358.3	255	218.5	10	39	38	22	39	100	M8*0.75P	5.6
SBT50-CK4-300	403.3	300	263.5	10	39	38	22	39	100	M8*0.75P	
SBT50-CK5-90	193.3	90	53.5	13	45	38	28	50	100	M10*1.0P	
SBT50-CK5-120	223.3	120	83.5	13	45	38	28	50	100	M10*1.0P	
SBT50-CK5-165	268.3	165	128.5	13	45	38	28	50	100	M10*1.0P	5.5
SBT50-CK5-205	308.3	205	168.5	13	45	38	28	50	100	M10*1.0P	5.8
SBT50-CK5-240	343.3	240	203.5	13	45	38	28	50	100	M10*1.0P	
SBT50-CK5-285	388.3	285	248.5	13	45	38	28	50	100	M10*1.0P	
SBT50-CK5-320	423.3	320	283.5	13	45	38	28	50	100	M10*1.0P	
SBT50-CK6-95	198.3	95	58.5	16	55	38	36	63	100	M12*1.0P	4.9
SBT50-CK6-165	268.3	165	128.5	16	55	38	36	63	100	M12*1.0P	
SBT50-CK6-240	343.3	240	203.5	16	55	38	36	63	100	M12*1.0P	
SBT50-CK6-300	403.3	300	263.5	16	55	38	36	63	100	M12*1.0P	9.5
SBT50-CK6-360	463.3	360	323.5	16	55	38	36	63	100	M12*1.0P	10.5
SBT50-CK7-150	253.3	150	113.5	19.1	55	38	46	90	100	M20*1.5P	
SBT50-CK7-210	313.3	210	173.5	19.1	55	38	46	90	100	M20*1.5P	
SBT50-CK7-300	403.3	300	263.5	19.1	55	38	46	90	100	M20*1.5P	
SBT50-CK7-360	463.3	360	323.5	19.1	55	38	46	90	100	M20*1.5P	

SBT-MTA 带扁尾莫氏刀柄 SBT-MTA TAPER ADAPTER (MORSE)



FIG. 1

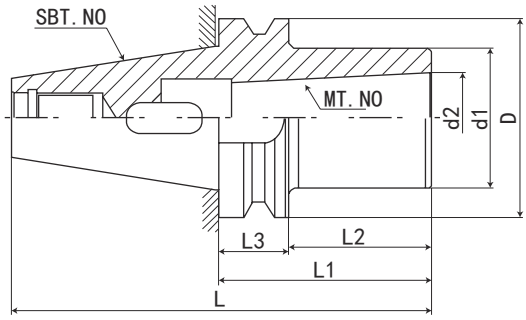
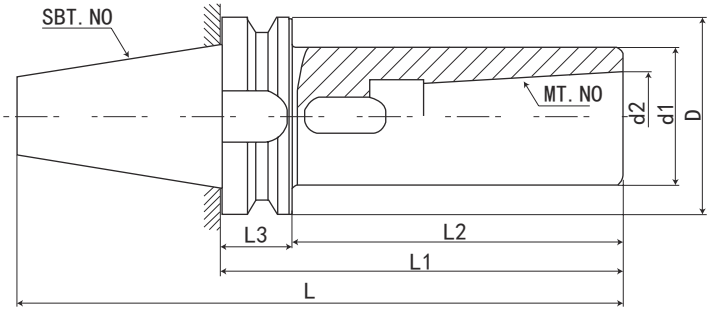




FIG. 2





P.J29

规 格 Model	L	L1	L2	L3	D	d1	d2	FIG	夹持范围 Range	重量 KGS
SBT30-MTA1-60	109.3	60	39	22	46	25	12.065	1	Φ2-Φ14	
SBT30-MTA2-60	109.3	60	39	22	46	32	17.18	1	Φ14-Φ23	
SBT30-MTA3-80	129.3	80	59	22	46	40	23.825	1	Φ23-Φ32	
SBT40-MTA1-45	111.4	45	19	27	63	25	12.065	1	Φ2-Φ14	
SBT40-MTA1-120	186.4	120	94	27	63	25	12.065	2	Φ2-Φ14	
SBT40-MTA2-45	111.4	45	19	27	63	32	17.18	1	Φ14-Φ23	
SBT40-MTA2-120	186.4	120	94	27	63	32	17.18	2	Φ14-Φ23	
SBT40-MTA3-75	141.4	75	49	27	63	40	23.825	1	Φ23-Φ32	
SBT40-MTA3-135	201.4	135	109	27	63	40	23.825	2	Φ23-Φ32	
SBT40-MTA4-90	156.4	90	64	27	63	48	31.267	1	Φ32-Φ50	
SBT40-MTA4-180	246.4	180	154	27	63	48	31.267	2	Φ32-Φ50	
SBT50-MTA1-45	148.3	45	8.5	38	100	25	12.065	1	Φ2-Φ14	
SBT50-MTA1-120	223.3	120	83.5	38	100	25	12.065	2	Φ2-Φ14	4.3
SBT50-MTA1-180	283.3	180	143.5	38	100	25	12.065	2	Φ2-Φ14	
SBT50-MTA1-210	313.3	210	173.5	38	100	25	12.065	2	Φ2-Φ14	
SBT50-MTA2-60	163.3	60	23.5	38	100	32	17.18	1	Φ14-Φ23	
SBT50-MTA2-135	238.3	135	98.5	38	100	32	17.18	2	Φ14-Φ23	4.5
SBT50-MTA2-180	283.3	180	143.5	38	100	32	17.18	2	Φ14-Φ23	
SBT50-MTA2-210	313.3	210	173.5	38	100	32	17.18	2	Φ14-Φ23	
SBT50-MTA2-250	353.3	250	213.5	38	100	32	17.18	2	Φ14-Φ23	
SBT50-MTA3-75	178.3	75	38.5	38	100	40	23.825	1	Φ23-Φ32	4.1
SBT50-MTA3-150	253.3	150	113.5	38	100	40	23.825	2	Φ23-Φ32	
SBT50-MTA3-180	283.3	180	143.5	38	100	40	23.825	2	Φ23-Φ32	
SBT50-MTA3-210	313.3	210	173.5	38	100	40	23.825	2	Φ23-Φ32	
SBT50-MTA3-250	353.3	250	213.5	38	100	40	23.825	2	Φ23-Φ32	
SBT50-MTA3-300	403.3	300	263.5	38	100	40	23.825	2	Φ23-Φ32	
SBT50-MTA4-75	178.3	75	38.5	38	100	48	31.267	1	Φ32-Φ50	4
SBT50-MTA4-180	283.3	180	143.5	38	100	48	31.267	2	Φ32-Φ50	
SBT50-MTA4-210	313.3	210	173.5	38	100	48	31.267	2	Φ32-Φ50	
SBT50-MTA4-250	353.3	250	213.5	38	100	48	31.267	2	Φ32-Φ50	
SBT50-MTA4-300	403.3	300	263.5	38	100	48	31.267	2	Φ32-Φ50	
SBT50-MTA5-115	218.3	115	78.5	38	100	65	44.399	1	Φ50-Φ75	
SBT50-MTA5-210	313.3	210	173.5	38	100	66	45.399	2	Φ50-Φ76	
SBT50-MTA5-250	353.3	250	213.5	38	100	67	46.399	2	Φ50-Φ77	
SBT50-MTA6-200	303.3	200	163.5	38	100	85	63.348	1	Φ75-Φ100	
SBT50-MTA6-280	383.3	280	243.5	38	100	85	63.348	2	Φ75-Φ100	

SBT-MTB 无扁尾莫氏刀柄 SBT-MTB MORSE TAP HOLDER



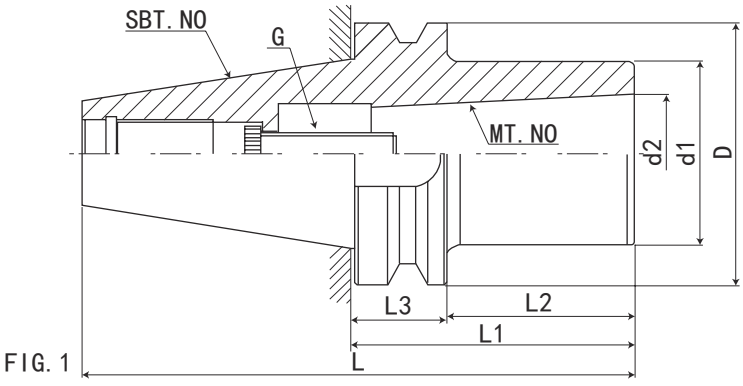


FIG. 1

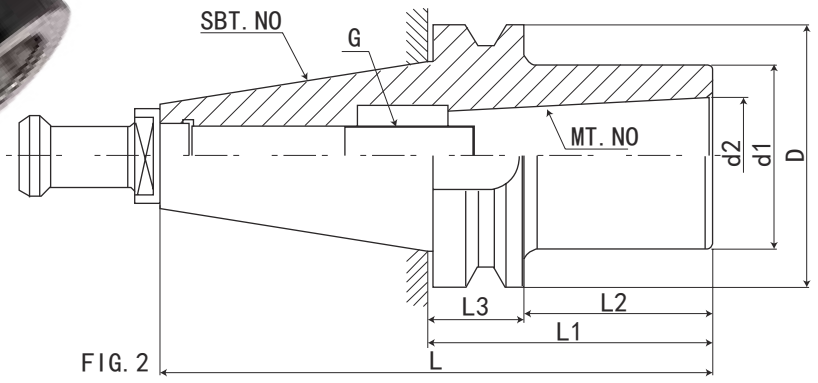


FIG. 2

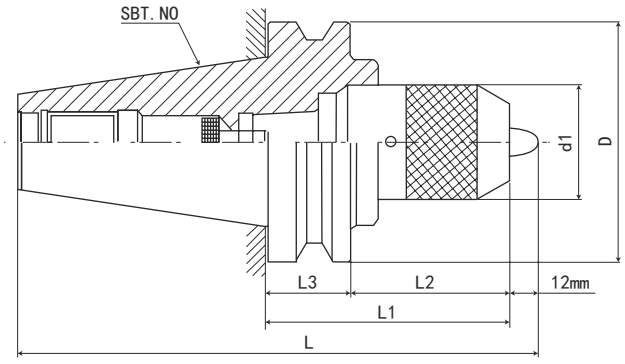


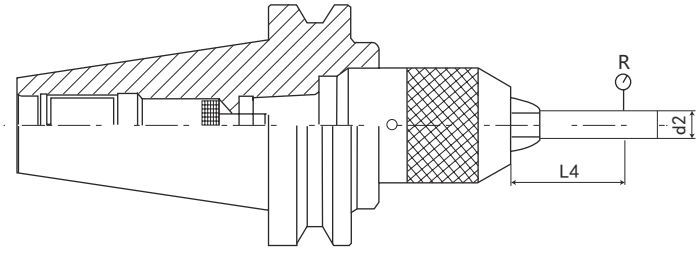
P.J29

规 格 Model	L	L1	L2	L3	D	d1	d2	FIG	夹持范围 Range	重量 KGS
SBT30-MTB1-60	109.3	60	39	22	46	25	12.065	1	Φ10-Φ14	
SBT30-MTB2-60	109.3	60	39	22	46	32	17.18	1	Φ16-Φ22	
SBT30-MTB3-80	129.3	80	59	22	46	40	23.825	1	Φ24-Φ32	
SBT40-MTB1-45	111.4	45	19	27	63	25	12.065	1	Φ10-Φ14	
SBT40-MTB1-120	186.4	120	94	27	63	25	12.065	2	Φ10-Φ14	
SBT40-MTB2-45	111.4	45	19	27	63	32	17.18	1	Φ16-Φ22	
SBT40-MTB2-120	186.4	120	94	27	63	32	17.18	2	Φ16-Φ22	
SBT40-MTB3-75	141.4	75	49	27	63	40	23.825	1	Φ24-Φ32	
SBT40-MTB3-135	201.4	135	109	27	63	40	23.825	2	Φ24-Φ32	
SBT40-MTB4-90	156.4	90	64	27	63	48	31.267	1	Φ32-Φ50	
SBT40-MTB4-180	246.4	180	154	27	63	48	31.267	2	Φ32-Φ50	
SBT50-MTB1-45	148.3	45	8.5	38	100	25	12.065	1	Φ10-Φ14	
SBT50-MTB1-120	223.3	120	83.5	38	100	25	12.065	2	Φ10-Φ14	
SBT50-MTB2-60	163.3	60	23.5	38	100	32	17.18	1	Φ16-Φ22	
SBT50-MTB2-135	238.3	135	98.5	38	100	32	17.18	2	Φ16-Φ22	
SBT50-MTB3-75	178.3	75	38.5	38	100	40	23.825	1	Φ24-Φ32	
SBT50-MTB3-150	253.3	150	113.5	38	100	40	23.825	2	Φ24-Φ32	
SBT50-MTB4-75	178.3	75	38.5	38	100	48	31.267	1	Φ32-Φ50	
SBT50-MTB4-180	283.3	180	143.5	38	100	48	31.267	2	Φ32-Φ50	
SBT50-MTB5-115	218.3	115	78.5	38	100	65	44.399	1	Φ40-Φ75	
SBT50-MTB5-210	313.3	210	173.5	38	100	66	45.399	2	Φ40-Φ75	

SBT-APU 一体式钻夹头刀柄 SBT-APU DRILL CHUCK HOLDER





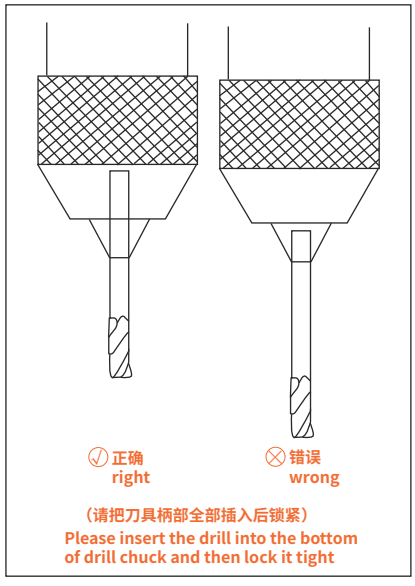



P.J31


P.J29


P.J58

规格 / 型号 Model	L	L1	L2	L3	d1	d2	D	R	夹持范围 Range	重 量 KGS
SBT30-APU13-110	159.3	110	89	22	50	13	46	0.08	1-13mm	1.85
SBT30-APU16-115	164.3	115	94	22	57	16	46	0.08	1-16mm	2.18
SBT40-APU13-110	176.4	110	84	27	50	13	63	0.08	1-13mm	2
SBT40-APU16-110	176.4	110	84	27	57	16	63	0.08	1-16mm	2.35
SBT50-APU13-130	233.3	130	93.5	38	50	13	100	0.08	1-13mm	5.5
SBT50-APU13-180	283.3	180	143.5	38	50	13	100	0.08	1-13mm	5.85
SBT50-APU16-130	233.3	130	93.5	38	57	16	100	0.08	1-16mm	5.35
SBT50-APU16-180	283.3	180	143.5	38	57	16	100	0.08	1-16mm	5.85



特点：

注：

◎一体式结构，减少了连接误差精度，内部用螺纹结构，就不会出现夹头脱落现象

◎用于钻头、铰刀等夹持，不可用于丝锥和铣刀夹持

◎一体刀柄缩短刀具长度，提高加工精度，增加使用寿命

◎有自锁功能，附带专用扳手，请勿用其它工具

◎ APU 偏摆精度为 0.06，如需更高精度要求请使用 ER 或 SK 系列

◎扳手、拉钉须另行购买

Features:

◎ The shank and keyless drill chuck are combined together so as to avoid the drill chuck slipping out for heavy-duty and high speed cutting and improve the precision.

◎ Not be used for gripping draw bolt and milling tools, instead of drill bit and reamer.

◎ APU drill chuck shorten the length while length the working life of tool.

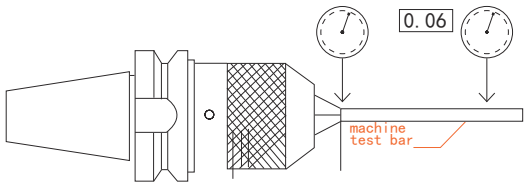
◎ Each APU drill chuck attached 1pc APU wrench.

◎ The APU leaning precision is 0.06mm, like the need high accuracy request, please use ER or the SK serise.

◎ The spanner、 pull stud must purchase alone.

SBT40 - APU - 13 - 110

- 110 → L1 长 度 Length(L1)
- 13 → 最大夹持直径 Max grip diameter
- APU → 功 能 代 号 Drill chuck
- SBT40 → 锥 柄 形 式 Shank size



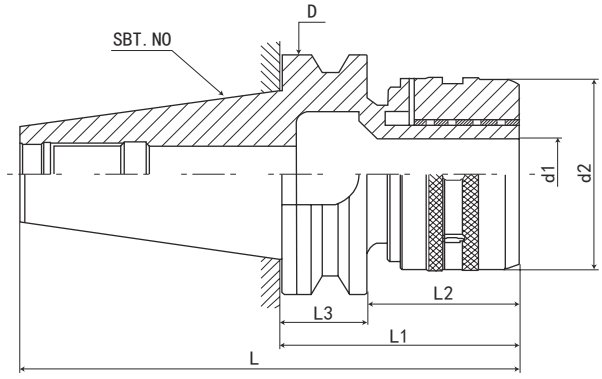
SBT-C 型高精度强力刀柄 SBT-C FORCE MILLING CHUCK




P.J31


P.J16


P.J29



规格 / 型号 Model	L	L1	L2	L3	D	d1	d2	夹持范围 Range
SBT30-C20-80	129.3	80	59	22	46	20	58	3 4 5 6 8 10 12 14 16 20
SBT30-C25-100	149.3	100	79	22	46	25	63	3 4 5 6 8 10 12 14 16 18 20 25
SBT30-C32-105	154.3	105	84	22	46	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32
SBT40-C20-100	166.4	100	74	27	63	20	58	3 4 5 6 8 10 12 14 16 20
SBT40-C25-100	166.4	100	74	27	63	25	63	3 4 5 6 8 10 12 14 16 18 20 25
SBT40-C25-135	201.4	135	109	27	63	25	63	3 4 5 6 8 10 12 14 16 18 20 25
SBT40-C32-105	171.4	105	79	27	63	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32
SBT40-C32-135	201.4	135	109	27	63	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32
SBT40-C32-165	231.4	165	139	27	63	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32
SBT40-C32-200	266.4	200	174	27	63	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32
SBT50-C25-110	213.3	110	73.5	38	100	25	63	3 4 5 6 8 10 12 14 16 18 20 25
SBT50-C25-135	238.3	135	98.5	38	100	25	63	3 4 5 6 8 10 12 14 16 18 20 25
SBT50-C25-165	268.3	165	128.5	38	100	25	63	3 4 5 6 8 10 12 14 16 18 20 25
SBT50-C32-110	213.3	110	73.5	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32
SBT50-C32-135	238.3	135	98.5	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32
SBT50-C32-165	268.3	165	128.5	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32
SBT50-C32-200	303.3	200	163.5	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32
SBT50-C32-250	353.3	250	213.5	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32
SBT50-C32-300	403.3	300	263.5	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32
SBT50-C42-135	238.3	135	98.5	38	100	42	88	3 4 5 6 8 10 12 14 16 18 20 22 24 25 28 30 32 34 36 42
SBT50-C42-165	268.3	165	128.5	38	100	42	88	3 4 5 6 8 10 12 14 16 18 20 22 24 25 28 30 32 34 36 42
SBT50-C42-200	303.3	200	163.5	38	100	42	88	3 4 5 6 8 10 12 14 16 18 20 22 24 25 28 30 32 34 36 42

特点：

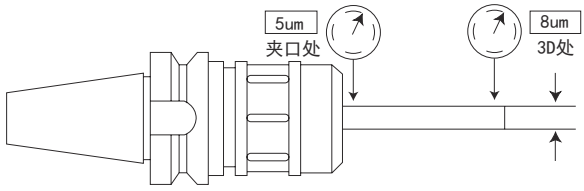
高速、高精度、高寿命直柄刀具系列
◎材质：20CrMnTi/15CrMn
◎硬度：HRC58-60，渗碳深度＞ 0.8mm
◎锥柄公差等级：≤ AT3
◎刀柄内孔分割了六槽，以防止刀具转动，增大夹持力
◎采用特殊材料制作滚针轴承保持架，延长使用寿命，增强夹紧力
◎具有夹持力大，定点精度高，特别适用于强力切削
◎可提供两种外观：光饰或涂层处理
◎内孔多次研磨，可达 Ra0.4，起到镜面效果
◎外圆及端面多次研磨，可达 Ra0.4，起到镜面效果
◎表面“环保”特殊涂层处理，提高表面硬度、耐磨性，提高清洁度，精度更稳定，表面更光滑，防锈、防腐蚀效果更好，手感更舒适，外观更美观
◎扳手、拉钉、筒夹须另行购买

Features:

High speed, high accuracy, high durability C-STRAIGHT TOOL SERIES
◎ Material:20CrMnTi/15CrMn;
◎ Hardness:HRC58-60，Carbon depth ＞ 0.8 ◎ Tolerance class：≤ AT3
◎ Inner hole of the shank divide into 6 troughs to prevent the insert remove, increase the grasp force
◎ Ball bearing cage is made of special material, improve the endurance, enhance the grasp force
◎ Grasp force strong, centering accuracy high, suit to heavy cutting
◎ Two kinds looks provide:polishing or chemical nickel-plating processing;
◎ Inner hole grinding for many times, so as to reach Ra0.4, has a mirror effect;
◎ End and the cylindrical are grinding for many times, can reach Ra0.4, has a mirror effect;
◎ Surface "environmental protection", special coating surface treatment, improve the hardness and endurance of the surface, cleaness better, accuracy stable, surface more smooth, antirust, feel comfortable, appearance nice.
◎ **The spanner、 pull stud chuck must purchase alone.**

SBT30 - C20 - 80

L1 长 度	Length(L1)
筒 夹 规 格	Collet type C32
锥 柄 形 式	Shank size

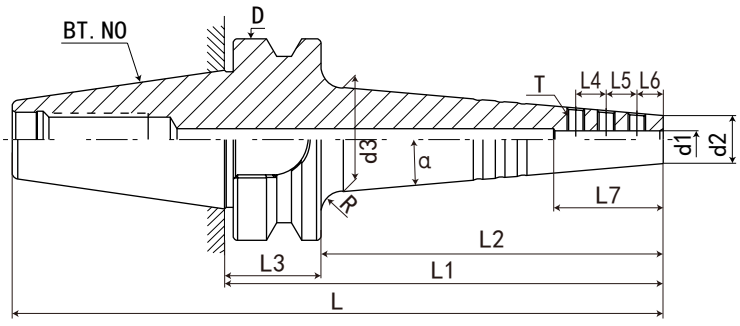


SBT-SLD 小径侧固刀柄 SBT-SLD SMALL DIAMETER SIDE LOCK TOOL HOLDER





P.J29



规 格 Model	L	L1	L2	L3	L4	L5	L6	L7	D	d1	d2	d3	T	α	R	重量 KGS
SBT30-SLD3-80-A5	128.4	80	58	22	6	6	6	18	46	3	9	18.5	M3.5*3*0.35P*T6	5°	5	
SBT30-SLD3-100-A5	148.4	100	78	22	6	6	6	18	46	3	9	22	M3.5*3*0.35P*T6	5°	5	
SBT30-SLD4-80-A5	128.4	80	58	22	7	7	6	20	46	4	11	20.5	M4*2.8*0.5P*H2	5°	5	
SBT30-SLD4-100-A5	148.4	100	78	22	7	7	6	20	46	4	11	24	M4*2.8*0.5P*H2	5°	5	
SBT30-SLD6-80-A5	128.4	80	58	22	8	8	6	22	46	6	13	22.5	M5*4*0.5P*H2.5	5°	5	
SBT30-SLD6-100-A5	148.4	100	78	22	8	8	6	22	46	6	13	25.5	M5*4*0.5P*H2.5	5°	5	
SBT30-SLD8-80-A5	128.4	80	58	22	10	10	7	27	46	8	15	24.5	M5*4*0.5P*H2.5	5°	5	
SBT30-SLD8-100-A5	148.4	100	78	22	10	10	7	27	46	8	15	28	M5*4*0.5P*H2.5	5°	5	

SLD侧固式刀柄延长杆专用螺丝:
SLD side fixed extension rod special screw

规 格 Model	使用孔径 D Using aperture
M3.5×3×P0.35×T6	D3
M4×2.8×P0.5×T8	D4
M4×4×P0.5×T8	D4
M5×3.5×P0.5×T10	D6
M5×5×P0.5×T10	D6 D8 D10
M6×4×P0.75×T15	D12
M6×6×P0.75×T15	D12
M8×5×P0.75×L4	D16 D20
M4×2.8×P0.5×H2	D4
M5×4×P0.5×H2.5	D6 D8 D10
M6×4×P0.75×H3	D12
M6×5×P0.75×H3	D12

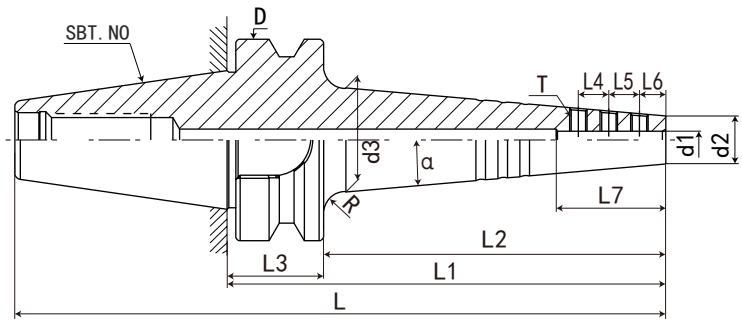
备注：梅花扳手“T”，六角扳手“H”
六角扳手：更大的锁紧力（需注意控制尺寸）
梅花扳手：使用更方便

SBT30 - SLD - 3 - 80 - A5

- A5 → 锥 度 Taper
- 80 → L1 长 度 Length(L1)
- 3 → 刀 杆 直 径 Diameter
- SLD → 功 能 代 号 Holder type
- SBT30 → 锥 柄 形 式 Taper size

SBT40-SLD 小径侧固刀柄 SBT40-SLD SMALL DIAMETER SIDE LOCK TOOL HOLDER



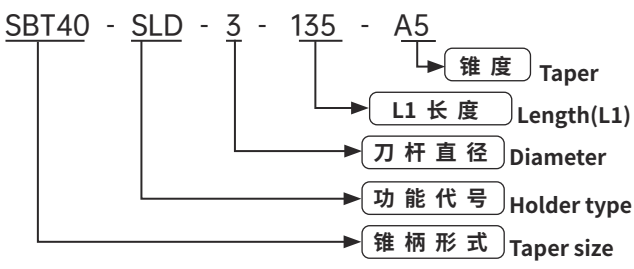


规 格 Model	L	L1	L2	L3	L4	L5	L6	L7	D	d1	d2	d3	T	α	R	重量 KGS
SBT40-SLD3-135-A5	200.4	135	108	27	6	6	6	18	63	3	9	27	M3.5*3*0.35P*T6	5°	5	
SBT40-SLD4-135-A5	200.4	135	108	27	7	7	6	20	63	4	11	29	M4*2.8*0.5P*H2	5°	5	
SBT40-SLD6-135-A5	200.4	135	108	27	8	8	6	22	63	6	13	31	M5*4*0.5P*H2.5	5°	5	
SBT40-SLD6-150-A5	215.4	150	123	27	8	8	6	22	63	6	13	33.5	M5*4*0.5P*H2.5	5°	5	
SBT40-SLD6-200-A5	265.4	200	173	27	8	8	6	22	63	6	13	41.5	M5*4*0.5P*H2.5	5°	5	
SBT40-SLD8-135-A5	200.4	135	108	27	10	10	7	27	63	8	15	33	M5*4*0.5P*H2.5	5°	5	
SBT40-SLD8-150-A5	215.4	150	123	27	10	10	7	27	63	8	15	35.5	M5*4*0.5P*H2.5	5°	5	
SBT40-SLD8-200-A5	265.4	200	173	27	10	10	7	27	63	8	15	43.5	M5*4*0.5P*H2.5	5°	5	
SBT40-SLD10-135-A5	200.4	135	108	27	10	10	10	35	63	10	17	35	M5*4*0.5P*H2.5	5°	5	
SBT40-SLD10-150-A5	215.4	150	123	27	10	10	10	35	63	10	17	37.5	M5*4*0.5P*H2.5	5°	5	
SBT40-SLD10-200-A5	265.4	200	173	27	10	10	10	35	63	10	17	45.5	M5*4*0.5P*H2.5	5°	5	
SBT40-SLD12-135-A5	200.4	135	108	27	10	10	10	45	63	12	22	40	M6*5*0.75P*H3	5°	5	
SBT40-SLD12-150-A5	215.4	150	123	27	10	10	10	45	63	12	22	42.5	M6*5*0.75P*H3	5°	5	
SBT40-SLD12-200-A5	265.4	200	173	27	10	10	10	45	63	12	22	50.5	M6*5*0.75P*H3	5°	5	
SBT40-SLD6-150-A3	215.4	150	123	27	8	8	6	22	63	6	13	25.5	M5*4*0.5P*H2.5	3°	5	
SBT40-SLD6-200-A3	265.4	200	173	27	8	8	6	22	63	6	13	30.5	M5*4*0.5P*H2.5	3°	5	
SBT40-SLD8-150-A3	215.4	150	123	27	10	10	7	27	63	8	15	27.5	M5*4*0.5P*H2.5	3°	5	
SBT40-SLD8-200-A3	265.4	200	173	27	10	10	7	27	63	8	15	32.5	M5*4*0.5P*H2.5	3°	5	
SBT40-SLD10-150-A3	215.4	150	123	27	10	10	10	35	63	10	17	29.5	M5*4*0.5P*H2.5	3°	5	
SBT40-SLD10-200-A3	265.4	200	173	27	10	10	10	35	63	10	17	34.5	M5*4*0.5P*H2.5	3°	5	

SLD 侧固式刀柄延长杆专用螺丝：

SLD side fixed extension rod special screw

规 格 Model	使用孔径 D Using aperture
M3.5×3×P0.35×T6	D3
M4×2.8×P0.5×T8	D4
M4×4×P0.5×T8	D4
M5×3.5×P0.5×T10	D6
M5×5×P0.5×T10	D6 D8 D10
M6×4×P0.75×T15	D12
M6×6×P0.75×T15	D12
M8×5×P0.75×L4	D16 D20
M4×2.8×P0.5×H2	D4
M5×4×P0.5×H2.5	D6 D8 D10
M6×4×P0.75×H3	D12
M6×5×P0.75×H3	D12



备注：梅花扳手“T”，六角扳手“H”

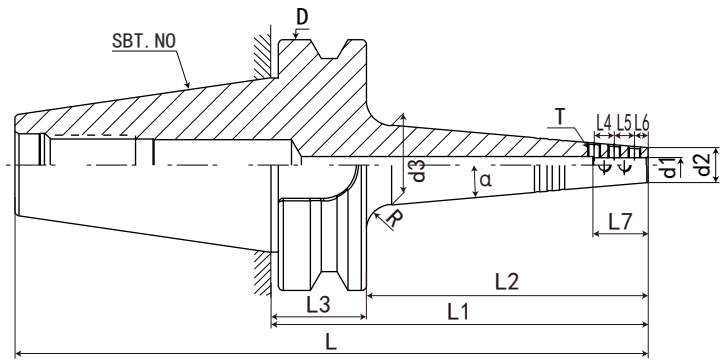
六角扳手：更大的锁紧力（需注意控制尺寸）

梅花扳手：使用更方便

SBT50-SLD 小径侧固刀柄 SBT50-SLD SMALL DIAMETER SIDE LOCK TOOL HOLDER



P.J29

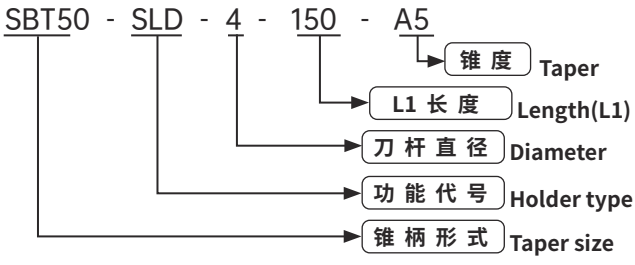


规 格 Model	L	L1	L2	L3	L4	L5	L6	L7	D	d1	d2	d3	T	α	R	重量 KGS
SBT50-SLD4-150-A5	251.8	150	112	38	7	7	6	20	100	4	12	30	M4*2.8*0.5P*H2	5°	10	
SBT50-SLD4-200-A5	301.8	200	162	38	7	7	6	20	100	4	12	38.5	M4*2.8*0.5P*H2	5°	10	
SBT50-SLD4-250-A5	351.8	250	212	38	7	7	6	20	100	4	12	47.5	M4*2.8*0.5P*H2	5°	10	
SBT50-SLD4-300-A5	401.8	300	262	38	7	7	6	20	100	4	12	56	M4*2.8*0.5P*H2	5°	10	
SBT50-SLD6-150-A5	251.8	150	112	38	8	8	6	22	100	6	14	32	M5*4*0.5P*H2.5	5°	10	
SBT50-SLD6-200-A5	301.8	200	162	38	8	8	6	22	100	6	14	40.5	M5*4*0.5P*H2.5	5°	10	
SBT50-SLD6-250-A5	351.8	250	212	38	8	8	6	22	100	6	14	49.5	M5*4*0.5P*H2.5	5°	10	
SBT50-SLD6-300-A5	401.8	300	262	38	8	8	6	22	100	6	14	58	M5*4*0.5P*H2.5	5°	10	
SBT50-SLD8-150-A5	251.8	150	112	38	10	10	7	27	100	8	16	34	M5*4*0.5P*H2.5	5°	10	
SBT50-SLD8-200-A5	301.8	200	162	38	10	10	7	27	100	8	16	42.5	M5*4*0.5P*H2.5	5°	10	
SBT50-SLD8-250-A5	351.8	250	212	38	10	10	7	27	100	8	16	51.5	M5*4*0.5P*H2.5	5°	10	
SBT50-SLD8-300-A5	401.8	300	262	38	10	10	7	27	100	8	16	60	M5*4*0.5P*H2.5	5°	10	
SBT50-SLD10-150-A5	251.8	150	112	38	10	10	10	35	100	10	18	36	M5*4*0.5P*H2.5	5°	10	
SBT50-SLD10-200-A5	301.8	200	162	38	10	10	10	35	100	10	18	44.5	M5*4*0.5P*H2.5	5°	10	
SBT50-SLD10-250-A5	351.8	250	212	38	10	10	10	35	100	10	18	53.5	M5*4*0.5P*H2.5	5°	10	
SBT50-SLD10-300-A5	401.8	300	262	38	10	10	10	35	100	10	18	62	M5*4*0.5P*H2.5	5°	10	
SBT50-SLD12-150-A5	251.8	150	112	38	10	10	10	45	100	12	22	40	M6*5*0.75P*H3	5°	10	
SBT50-SLD12-200-A5	301.8	200	162	38	10	10	10	45	100	12	22	48.5	M6*5*0.75P*H3	5°	10	
SBT50-SLD12-250-A5	351.8	250	212	38	10	10	10	45	100	12	22	57.5	M6*5*0.75P*H3	5°	10	
SBT50-SLD12-300-A5	401.8	300	262	38	10	10	10	45	100	12	22	66	M6*5*0.75P*H3	5°	10	
SBT50-SLD16-150-A5	251.8	150	112	38	12	12	10	50	100	16	26	44	M8*5*0.75P*L4	5°	10	
SBT50-SLD16-200-A5	301.8	200	162	38	12	12	10	50	100	16	26	52.5	M8*5*0.75P*L4	5°	10	
SBT50-SLD16-250-A5	351.8	250	212	38	12	12	10	50	100	16	26	61.5	M8*5*0.75P*L4	5°	10	
SBT50-SLD16-300-A5	401.8	300	262	38	12	12	10	50	100	16	26	70	M8*5*0.75P*L4	5°	10	
SBT50-SLD20-150-A5	251.8	150	112	38	12	12	10	55	100	20	30	48	M8*5*0.75P*L4	5°	10	
SBT50-SLD20-200-A5	301.8	200	162	38	12	12	10	55	100	20	30	56.5	M8*5*0.75P*L4	5°	10	
SBT50-SLD20-250-A5	351.8	250	212	38	12	12	10	55	100	20	30	65.5	M8*5*0.75P*L4	5°	10	
SBT50-SLD20-300-A5	401.8	300	262	38	12	12	10	55	100	20	30	74	M8*5*0.75P*L4	5°	10	

SLD 侧固式刀柄延长杆专用螺丝：

SLD side fixed extension rod special screw

规 格 Model	使用孔径 D Using aperture
M3.5×3×P0.35×T6	D3
M4×2.8×P0.5×T8	D4
M4×4×P0.5×T8	D4
M5×3.5×P0.5×T10	D6
M5×5×P0.5×T10	D6 D8 D10
M6×4×P0.75×T15	D12
M6×6×P0.75×T15	D12
M8×5×P0.75×L4	D16 D20
M4×2.8×P0.5×H2	D4
M5×4×P0.5×H2.5	D6 D8 D10
M6×4×P0.75×H3	D12
M6×5×P0.75×H3	D12

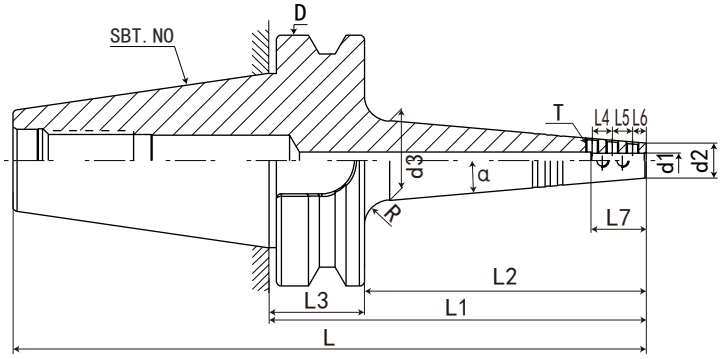


备注：梅花扳手“T”，六角扳手“H”
六角扳手：更大的锁紧力（需注意控制尺寸）
梅花扳手：使用更方便

SBT50-SLD 小径侧固刀柄 SBT50-SLD SMALL DIAMETER SIDE LOCK TOOL HOLDER



P.J29

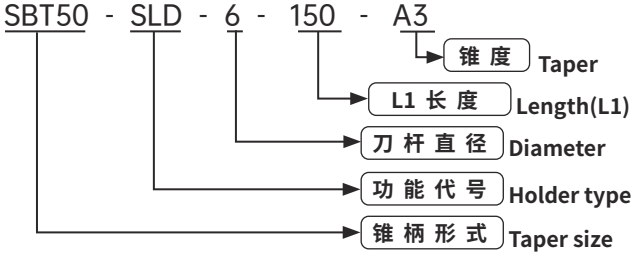


规 格 Model	L	L1	L2	L3	L4	L5	L6	L7	D	d1	d2	d3	T	α	R	重量 KGS
SBT50-SLD6-150-A3	251.8	150	112	38	8	8	6	22	100	6	14	25	M5*4*0.5P*H2.5	3°	10	
SBT50-SLD6-200-A3	301.8	200	162	38	8	8	6	22	100	6	14	30	M5*4*0.5P*H2.5	3°	10	
SBT50-SLD6-250-A3	351.8	250	212	38	8	8	6	22	100	6	14	35	M5*4*0.5P*H2.5	3°	10	
SBT50-SLD6-300-A3	401.8	300	262	38	8	8	6	22	100	6	14	40	M5*4*0.5P*H2.5	3°	10	
SBT50-SLD8-150-A3	251.8	150	112	38	10	10	7	27	100	8	16	27	M5*4*0.5P*H2.5	3°	10	
SBT50-SLD8-200-A3	301.8	200	162	38	10	10	7	27	100	8	16	32	M5*4*0.5P*H2.5	3°	10	
SBT50-SLD8-250-A3	351.8	250	212	38	10	10	7	27	100	8	16	37	M5*4*0.5P*H2.5	3°	10	
SBT50-SLD8-300-A3	401.8	300	262	38	10	10	7	27	100	8	16	42	M5*4*0.5P*H2.5	3°	10	
SBT50-SLD10-150-A3	251.8	150	112	38	10	10	10	35	100	10	18	29	M5*4*0.5P*H2.5	3°	10	
SBT50-SLD10-200-A3	301.8	200	162	38	10	10	10	35	100	10	18	34	M5*4*0.5P*H2.5	3°	10	
SBT50-SLD10-250-A3	351.8	250	212	38	10	10	10	35	100	10	18	39	M5*4*0.5P*H2.5	3°	10	
SBT50-SLD10-300-A3	401.8	300	262	38	10	10	10	35	100	10	18	44	M5*4*0.5P*H2.5	3°	10	
SBT50-SLD12-150-A3	251.8	150	112	38	10	10	10	45	100	12	22	33	M6*5*0.75P*H3	3°	10	
SBT50-SLD12-200-A3	301.8	200	162	38	10	10	10	45	100	12	22	38	M6*5*0.75P*H3	3°	10	
SBT50-SLD12-250-A3	351.8	250	212	38	10	10	10	45	100	12	22	43	M6*5*0.75P*H3	3°	10	
SBT50-SLD12-300-A3	401.8	300	262	38	10	10	10	45	100	12	22	48	M6*5*0.75P*H3	3°	10	

SLD 侧固式刀柄延长杆专用螺丝：

SLD side fixed extension rod special screw

规 格 Model	使用孔径 D Using aperture
M3.5×3×P0.35×T6	D3
M4×2.8×P0.5×T8	D4
M4×4×P0.5×T8	D4
M5×3.5×P0.5×T10	D6
M5×5×P0.5×T10	D6 D8 D10
M6×4×P0.75×T15	D12
M6×6×P0.75×T15	D12
M8×5×P0.75×L4	D16 D20
M4×2.8×P0.5×H2	D4
M5×4×P0.5×H2.5	D6 D8 D10
M6×4×P0.75×H3	D12
M6×5×P0.75×H3	D12



备注：梅花扳手“T”，六角扳手“H”

六角扳手：更大的锁紧力（需注意控制尺寸）

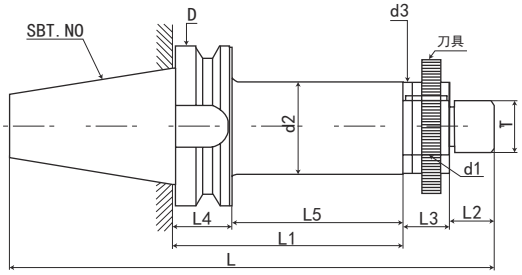
梅花扳手：使用更方便

SBT-SCA 侧铣刀柄 SBT-SCA SIDE CUTTER ADAPTET





P.J29



规格 / 型号 Model	L	L1	L2	L3	L4	L5	D	d1	d2	d3	k	H	T	重量 KGS
SBT30-SCA10-60	109.3	60	12	30	22	39	46	10	18	18	-	-	M8*1.25P	0.8
SBT30-SCA16-60	109.3	60	16	30	22	39	46	16	26	26	4	17.7	M14*1.5P	1
SBT30-SCA22-60	109.3	60	22	30	22	39	46	22	34	34	6	24.3	M20*1.5P	1.2
SBT30-SCA27-75	124.3	75	28	30	22	54	46	27	41	41	7	30	M24*1.5P	1.4
SBT40-SCA16-60	172.4	60	16	30	27	34	63	16	26	26	4	17.7	M14*1.5P	1.5
SBT40-SCA22-75	193.4	75	22	30	27	49	63	22	34	34	6	24.3	M20*1.5P	1.6
SBT40-SCA22-120	238.4	120	22	30	27	94	63	22	34	34	6	24.3	M20*1.5P	1.7
SBT40-SCA27-75	199.4	75	28	30	27	49	63	27	41	41	7	30	M24*1.5P	2
SBT40-SCA27-120	244.4	120	28	30	27	94	63	27	41	41	7	30	M24*1.5P	2.1
SBT40-SCA32-90	218.4	90	32	30	27	64	63	32	47	47	8	35	M30*1.5P	2.5
SBT40-SCA32-180	308.4	180	32	30	27	154	63	32	47	47	8	35	M30*1.5P	2.6
SBT50-SCA22-90	245.3	90	22	30	38	53.5	100	22	34	34	6	24.3	M20*1.5P	1.7
SBT50-SCA22-135	290.3	135	22	30	38	98.5	100	22	34	34	6	24.3	M20*1.5P	2
SBT50-SCA27-90	251.3	90	28	30	38	53.5	100	27	41	41	7	30	M24*1.5P	2
SBT50-SCA27-135	296.3	135	28	30	38	98.5	100	27	41	41	7	30	M24*1.5P	2.4
SBT50-SCA32-90	255.3	90	32	30	38	53.5	100	32	47	47	8	35	M30*1.5P	2.6
SBT50-SCA32-135	300.3	135	32	30	38	98.5	100	32	47	47	8	35	M30*1.5P	4.4
SBT50-SCA40-90	263.3	90	40	30	38	53.5	100	40	55	55	10	43.7	M36*2.0P	4.7
SBT50-SCA40-135	308.3	135	40	30	38	98.5	100	40	55	55	10	43.7	M36*2.0P	5

特点:

注:

◎割槽刀，三面刃铣刀等使用时，为使用刃具与刀杆紧密接触，请调整垫片

◎选购刀柄，根据加工需要请确认装锯片卡位大小。不附带拉钉

◎拉钉须另行购买

Features:

◎ Shears the trough knife, when uses and so on three edge milling cutters, is uses the cutting tool and the cutter bar contacts closely, requests transfer the entire filling piece.

◎ Selects and purchases the hilt, according to the processing needs please to confirm that installs the saw blade jamming size. Does not supplement the puller bolt to select.

◎ The pull stud must purchase alone.

SBT-M 螺纹连接刀柄（直柄） SBT-M THERADED CHUCK

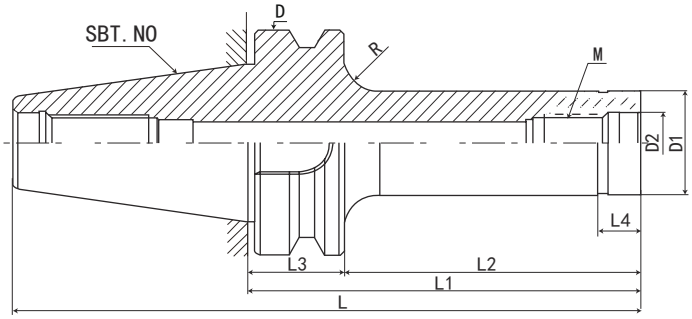




P.J29



P.N21



规格 Model	L	L1	L2	L3	L4	D	D1	D2	M	R	重量 KGS
SBT30-M08-60	108.4	60	38	22	12	46	15.4	8.5	M8*1.25P	4	
SBT30-M08-90	138.4	90	68	22	12	46	15.4	8.5	M8*1.25P	4	0.5
SBT30-M08-110	158.4	110	88	22	12	46	15.4	8.5	M8*1.25P	4	
SBT30-M10-60	108.4	60	38	22	12	46	19	10.5	M10*1.5P	4	
SBT30-M10-90	138.4	90	68	22	12	46	19	10.5	M10*1.5P	4	0.5
SBT30-M10-110	158.4	110	88	22	12	46	19	10.5	M10*1.5P	4	
SBT30-M12-60	108.4	60	38	22	12	46	24	12.5	M12*1.75P	4	
SBT30-M12-90	138.4	90	68	22	12	46	24	12.5	M12*1.75P	4	0.6
SBT30-M12-110	158.4	110	88	22	12	46	24	12.5	M12*1.75P	4	
SBT30-M16-60	108.4	60	38	22	12	46	29	17	M16*2.0P	4	
SBT30-M16-90	138.4	90	68	22	12	46	29	17	M16*2.0P	4	0.7
SBT30-M16-110	158.4	110	88	22	12	46	29	17	M16*2.0P	4	
SBT40-M08-60	125.4	60	33	27	12	63	15.4	8.5	M8*1.25P	10	1.1
SBT40-M08-90	155.4	90	63	27	12	63	15.4	8.5	M8*1.25P	10	1.2
SBT40-M08-110	175.4	110	83	27	12	63	15.4	8.5	M8*1.25P	10	1.2
SBT40-M10-60	125.4	60	33	27	12	63	19	10.5	M10*1.5P	10	1.1
SBT40-M10-90	155.4	90	63	27	12	63	19	10.5	M10*1.5P	10	1.1
SBT40-M10-110	175.4	110	83	27	12	63	19	10.5	M10*1.5P	10	1.2
SBT40-M12-60	125.4	60	33	27	12	63	24	12.5	M12*1.75P	10	1.2
SBT40-M12-90	155.4	90	63	27	12	63	24	12.5	M12*1.75P	10	1.3
SBT40-M12-110	175.4	110	83	27	12	63	24	12.5	M12*1.75P	10	1.3
SBT40-M16-60	125.4	60	33	27	12	63	29	17	M16*2.0P	10	1.2
SBT40-M16-90	155.4	90	63	27	12	63	29	17	M16*2.0P	10	1.3
SBT40-M16-110	175.4	110	83	27	12	63	29	17	M16*2.0P	10	1.4
SBT50-M08-60	161.8	60	22	38	12	100	15.4	8.5	M8*1.25P	10	
SBT50-M08-90	191.8	90	52	38	12	100	15.4	8.5	M8*1.25P	10	3.8
SBT50-M08-110	211.8	110	72	38	12	100	15.4	8.5	M8*1.25P	10	3.8
SBT50-M10-60	161.8	60	22	38	12	100	19	10.5	M10*1.5P	10	
SBT50-M10-90	191.8	90	52	38	12	100	19	10.5	M10*1.5P	10	3.8
SBT50-M10-110	211.8	110	72	38	12	100	19	10.5	M10*1.5P	10	3.8
SBT50-M12-60	161.8	60	22	38	12	100	24	12.5	M12*1.75P	10	
SBT50-M12-90	191.8	90	52	38	12	100	24	12.5	M12*1.75P	10	3.9
SBT50-M12-110	211.8	110	72	38	12	100	24	12.5	M12*1.75P	10	3.9
SBT50-M16-60	161.8	60	22	38	12	100	29	17	M16*2.0P	10	3.9
SBT50-M16-90	191.8	90	52	38	12	100	29	17	M16*2.0P	10	3.9
SBT50-M16-110	211.8	110	72	38	12	100	29	17	M16*2.0P	10	3.9

SBT-M 螺纹连接刀柄（斜柄） SBT-M THERADED CHUCK

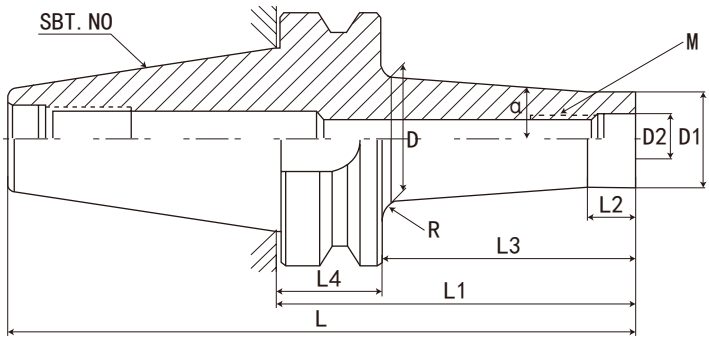




P.J29



P.M21



规格 Model	L	L1	L2	L3	L4	D	D1	D2	M	α	R	重量 KGS
SBT30-M08-60-A5	109.3	60	12	39	22	19.5	15.4	8.5	M8*1.25P	5°	4	
SBT30-M08-90-A5	139.3	90	12	69	22	24.5	15.4	8.5	M8*1.25P	5°	4	
SBT30-M10-60-A4	109.3	60	12	39	22	22	19	10.5	M10*1.5P	4°	4	
SBT30-M10-90-A4	139.3	90	12	69	22	26	19	10.5	M10*1.5P	4°	4	
SBT30-M12-60-A4	109.3	60	12	39	22	27	24	12.5	M12*1.75P	4°	4	
SBT30-M12-90-A4	139.3	90	12	69	22	31.5	24	12.5	M12*1.75P	4°	2	
SBT30-M16-60-A4	109.3	60	12	39	22	32.5	29	17	M16*2.0P	4°	2	
SBT30-M16-90-A4	139.3	90	12	69	22	36.5	29	17	M16*2.0P	4°	2	
SBT40-M08-60-A5	126.4	60	12	34	27	18	15.4	8.5	M8*1.25P	5°	5	
SBT40-M08-90-A5	156.4	90	12	64	27	23.5	15.4	8.5	M8*1.25P	5°	5	
SBT40-M08-110-A5	176.4	110	12	84	27	27	15.4	8.5	M8*1.25P	5°	5	
SBT40-M08-150-A5	216.4	150	12	124	27	34	15.4	8.5	M8*1.25P	5°	5	
SBT40-M08-200-A5	266.4	200	12	174	27	42.5	15.4	8.5	M8*1.25P	5°	5	
SBT40-M10-60-A4	126.4	60	12	34	27	21.5	19	10.5	M10*1.5P	4°	5	
SBT40-M10-90-A4	156.4	90	12	64	27	25.5	19	10.5	M10*1.5P	4°	5	
SBT40-M10-110-A4	176.4	110	12	84	27	28.5	19	10.5	M10*1.5P	4°	5	
SBT40-M10-150-A4	216.4	150	12	124	27	34	19	10.5	M10*1.5P	4°	5	
SBT40-M10-200-A4	266.4	200	12	174	27	41	19	10.5	M10*1.5P	4°	5	
SBT40-M12-60-A4	126.4	60	12	34	27	25.5	23	12.5	M12*1.75P	4°	5	
SBT40-M12-90-A4	156.4	90	12	64	27	29.5	23	12.5	M12*1.75P	4°	5	
SBT40-M12-110-A4	176.4	110	12	84	27	32.5	23	12.5	M12*1.75P	4°	5	
SBT40-M12-135-A4	201.4	135	12	109	27	36	23	12.5	M12*1.75P	4°	5	
SBT40-M12-150-A4	216.4	150	12	124	27	38	23	12.5	M12*1.75P	4°	5	
SBT40-M12-200-A4	266.4	200	12	174	27	45	23	12.5	M12*1.75P	4°	5	
SBT40-M16-60-A4	126.4	60	12	34	27	31	28.8	17	M16*2.0P	4°	5	
SBT40-M16-90-A4	156.4	90	12	64	27	35.5	28.8	17	M16*2.0P	4°	5	
SBT40-M16-110-A4	176.4	110	12	84	27	38	28.8	17	M16*2.0P	4°	5	
SBT40-M16-135-A4	201.4	135	12	109	27	41.5	28.8	17	M16*2.0P	4°	5	
SBT40-M16-150-A4	216.4	150	12	124	27	43.5	28.8	17	M16*2.0P	4°	5	
SBT40-M16-200-A4	266.4	200	12	174	27	50.5	28.8	17	M16*2.0P	4°	5	

SBT50-M 螺纹连接刀柄（斜柄）

SBT50-M THERADED CHUCK

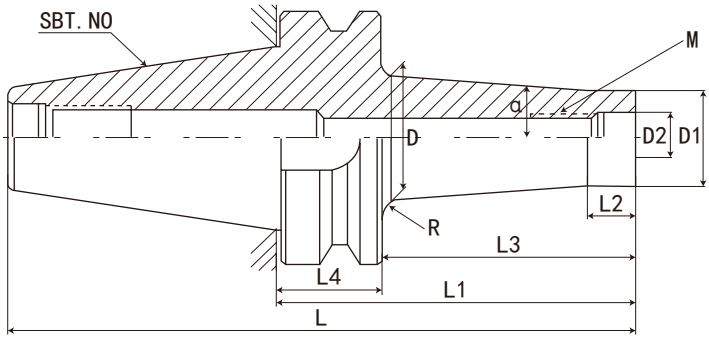




P.J29



P.M21

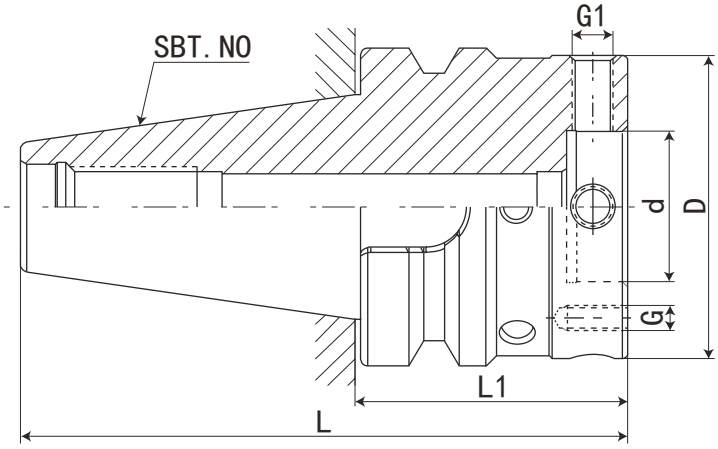


规格 Model	L	L1	L2	L3	L4	D	D1	D2	M	α	R	重量 KGS
SBT50-M08-60-A5	163.3	60	12	23.5	38	17.5	15.4	8.5	M8*1.25P	5°	10	
SBT50-M08-90-A5	193.3	90	12	53.5	38	20.5	15.4	8.5	M8*1.25P	5°	10	
SBT50-M08-110-A5	213.3	110	12	73.5	38	24	15.4	8.5	M8*1.25P	5°	10	
SBT50-M08-150-A5	253.3	150	12	113.5	38	31	15.4	8.5	M8*1.25P	5°	10	
SBT50-M08-200-A5	303.3	200	12	163.5	38	40	15.4	8.5	M8*1.25P	5°	10	5
SBT50-M08-250-A5	353.3	250	12	213.5	38	48.5	15.4	8.5	M8*1.25P	5°	10	
SBT50-M08-300-A5	403.3	300	12	263.5	38	57.5	15.4	8.5	M8*1.25P	5°	10	
SBT50-M10-60-A4	163.3	60	12	23.5	38	20.5	19	10.5	M10*1.5P	4°	10	
SBT50-M10-90-A4	193.3	90	12	53.5	38	23	19	10.5	M10*1.5P	4°	10	
SBT50-M10-110-A4	213.3	110	12	73.5	38	26	19	10.5	M10*1.5P	4°	10	4
SBT50-M10-150-A4	253.3	150	12	113.5	38	31.5	19	10.5	M10*1.5P	4°	10	
SBT50-M10-200-A4	303.3	200	12	163.5	38	38.5	19	10.5	M10*1.5P	4°	10	
SBT50-M10-250-A4	353.3	250	12	213.5	38	45.5	19	10.5	M10*1.5P	4°	10	
SBT50-M10-300-A4	403.3	300	12	263.5	38	52.5	19	10.5	M10*1.5P	4°	10	6.4
SBT50-M12-60-A4	163.3	60	12	23.5	38	25.5	24	12.5	M12*1.75P	4°	10	
SBT50-M12-90-A4	193.3	90	12	53.5	38	28	24	12.5	M12*1.75P	4°	10	
SBT50-M12-110-A4	213.3	110	12	73.5	38	31	24	12.5	M12*1.75P	4°	10	
SBT50-M12-135-A4	238.3	135	12	98.5	38	34.5	24	12.5	M12*1.75P	4°	10	
SBT50-M12-150-A4	253.3	150	12	113.5	38	36.5	24	12.5	M12*1.75P	4°	10	
SBT50-M12-200-A4	303.3	200	12	163.5	38	43.5	24	12.5	M12*1.75P	4°	10	
SBT50-M12-250-A4	353.3	250	12	213.5	38	50.5	24	12.5	M12*1.75P	4°	10	
SBT50-M12-300-A4	403.3	300	12	263.5	38	57.5	24	12.5	M12*1.75P	4°	10	
SBT50-M16-60-A4	163.3	60	12	23.5	38	30.5	29	17	M16*2.0P	4°	10	
SBT50-M16-90-A4	193.3	90	12	53.5	38	33	29	17	M16*2.0P	4°	10	
SBT50-M16-110-A4	213.3	110	12	73.5	38	36	29	17	M16*2.0P	4°	10	
SBT50-M16-135-A4	238.3	135	12	98.5	38	39.5	29	17	M16*2.0P	4°	10	
SBT50-M16-150-A4	253.3	150	12	113.5	38	41.5	29	17	M16*2.0P	4°	10	4.8
SBT50-M16-200-A4	303.3	200	12	163.5	38	48.5	29	17	M16*2.0P	4°	10	5.5
SBT50-M16-250-A4	353.3	250	12	213.5	38	55.5	29	17	M16*2.0P	4°	10	
SBT50-M16-300-A4	403.3	300	12	263.5	38	62.5	29	17	M16*2.0P	4°	10	

数控刀柄系列 CNC TOOL SYSTEMS

SBT-MOD 模块刀柄 SBT-MOD MODULAR TOOL HOLDER

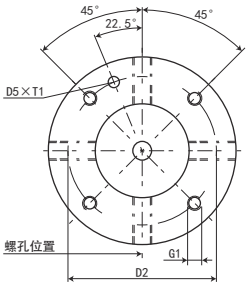


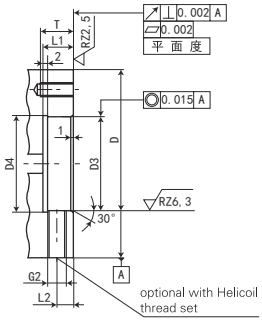




P.J29

规格 Model	L	L1	D	d	G1	G	重量 KGS
SBT30-MOD060-040	88.4	40	60	30	M8*1.0P	M5*0.8P	0.7
SBT30-MOD070-040	88.4	40	70	35	M8*1.0P	M6*1.0P	0.8
SBT40-MOD060-055	120.4	55	60	30	M8*1.0P	M5*0.8P	1.5
SBT40-MOD070-055	120.4	55	70	35	M8*1.0P	M6*1.0P	1.6
SBT40-MOD080-065	130.4	65	80	40	M8*1.0P	M6*1.0P	2
SBT40-MOD100-070	135.4	70	100	50	M10*1.0P	M8*1.25P	2.6
SBT45-MOD060-065	147.8	65	60	30	M8*1.0P	M5*0.8P	3
SBT45-MOD070-065	147.8	65	70	35	M8*1.0P	M6*1.0P	3.1
SBT45-MOD080-065	147.8	65	80	40	M8*1.0P	M6*1.0P	3.3
SBT45-MOD100-075	157.8	75	100	50	M10*1.0P	M8*1.25P	3.5
SBT45-MOD117-075	157.8	75	117	60	M10*1.0P	M8*1.25P	4.4
SBT50-MOD060-070	171.8	70	60	30	M8*1.0P	M5*0.8P	4.8
SBT50-MOD070-070	171.8	70	70	35	M8*1.0P	M6*1.0P	4.9
SBT50-MOD080-070	171.8	70	80	40	M8*1.0P	M6*1.0P	5.1
SBT50-MOD100-070	171.8	70	100	50	M10*1.0P	M8*1.25P	5.3
SBT50-MOD117-080	181.8	80	117	60	M10*1.0P	M8*1.25P	6.3
SBT50-MOD140-080	181.8	80	140	80	M10*1.0P	M8*1.25P	6.6





Nominal size module diameter D	32 60	40 70	50 80	63 100	80 117	100 140	125 180	160 210
D2+/-0.1	44	53	63	79	96	119	150	185
D3F8	30	35	40	50	60	80	100	120
D4	31	36	41	51	61	81	101	121
D5	4.5	5	5	5	6	6	6	6
L1	12	12	12	14	14	14	24	37
L2	7	7	7	8	8	8	8	8
G1	M5	M6	M6	M8	M8	M10	M12	M12
G2	M8*1	M8*1	M8*1	M10*1	M10*1	M10*1	M10*1	M10*1
T	11	14	14	15	15	18	25	25
T1+0.5	3	3.5	3.5	3.5	4.5	4.5	4.5	4.5

MOD 法兰盘 MOD FLANGE PLATE



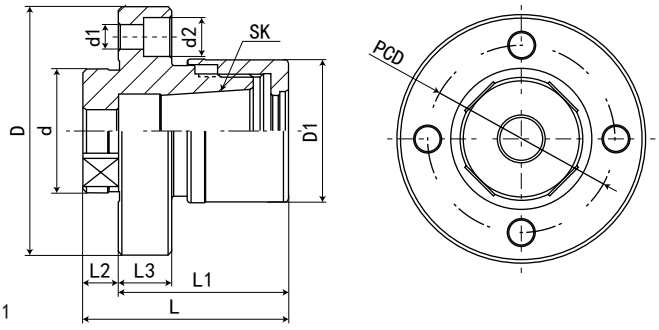


FIG. 1



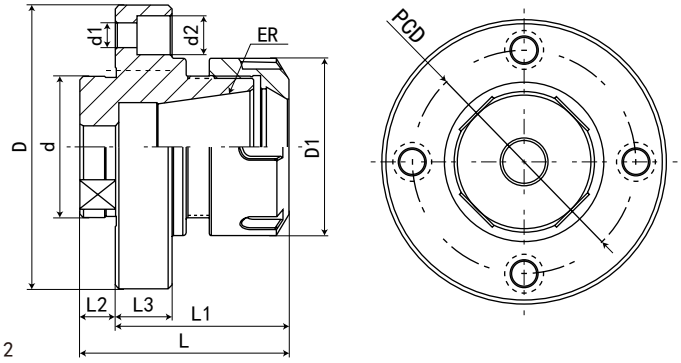


FIG. 2

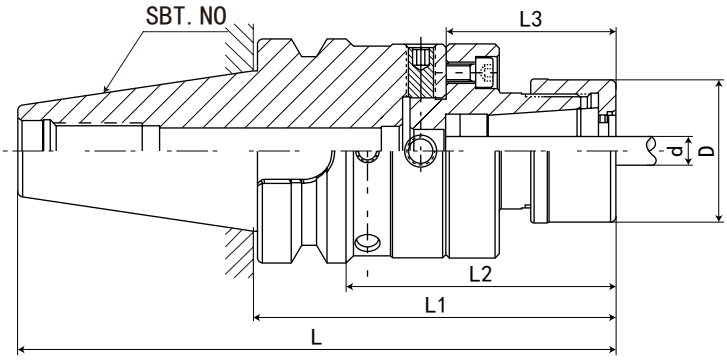
规 格 Model	D	D1	d	d1	d2	L	L1	L2	L3	PCD	FIG	重量 KGS
MOD060-GSK16-48	60	40	30	6	9	58	48	10	15	44	1	
MOD070-GSK16-48	70	40	35	7	11	58	48	10	15	53	1	
MOD080-GSK16-49	80	40	40	7	11	59	49	10	16	63	1	
MOD080-ER32-49	80	50	40	7	11	59	49	10	16	63	2	
MOD100-ER40-63	100	63	50	9	14	75	63	12	18	79	2	

SBT-MOD 可调精度刀柄（铰刀专用） SBT-MOD ADJUSTABLE CHUCK（REAMER USING）

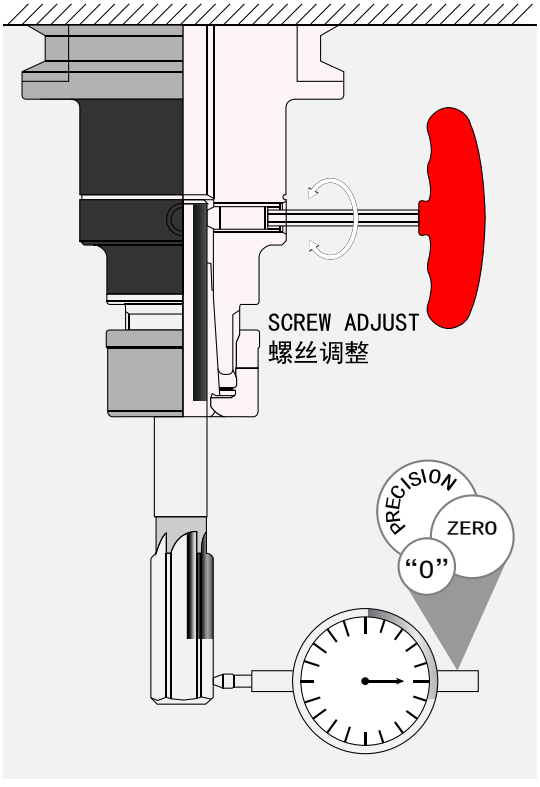


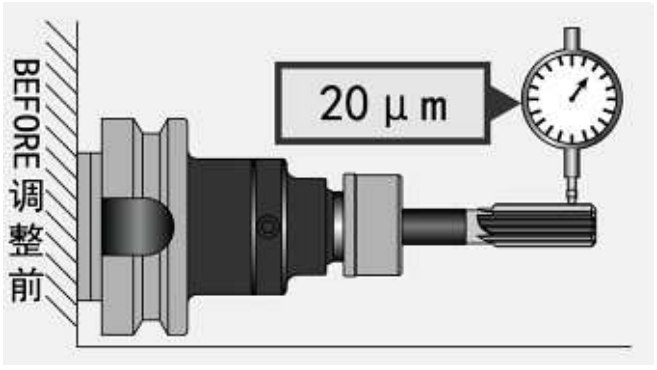


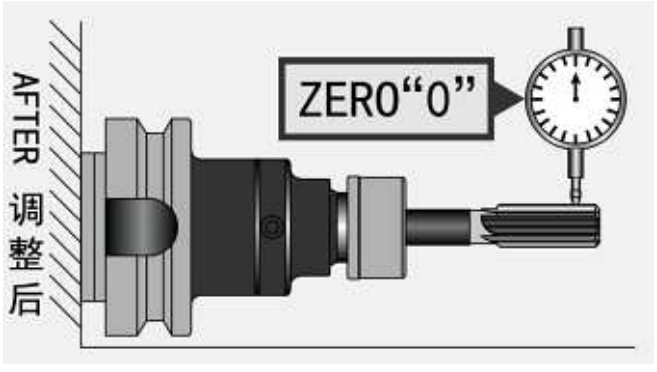
P.J29



规 格 Model	L	L1	L2	L3	D	d 夹持范围 Range	弹性筒夹 Collets
SBT30-MOD060-GSK16-88	136.4	88	66	48	40	3-16mm	GSK16
SBT30-MOD070-GSK16-88	136.4	88	66	48	40	3-16mm	GSK16
SBT40-MOD060-GSK16-103	168.4	103	76	48	40	3-16mm	GSK16
SBT40-MOD070-GSK16-103	168.4	103	76	48	40	3-16mm	GSK16
SBT40-MOD080-ER32-114	179.4	114	87	49	50	2-20mm	ER32
SBT40-MOD080-GSK16-114	179.4	114	87	49	40	3-16mm	GSK16
SBT40-MOD100-ER40-133	198.4	133	106	63	63	2-26mm	ER40
SBT50-MOD060-GSK16-118	219.8	118	80	48	40	3-16mm	GSK16
SBT50-MOD070-GSK16-118	219.8	118	80	48	40	3-16mm	GSK16
SBT50-MOD080-ER32-119	220.8	119	81	49	50	2-20mm	ER32
SBT50-MOD080-GSK16-119	220.8	119	81	49	40	3-16mm	GSK16
SBT50-MOD100-ER40-133	134.8	133	95	63	63	2-26mm	ER40







特点：

◎刀尖位置可调至“0”位置

◎机械主轴、夹头、刀具的累计误差值可一次调整补正

Features:

◎ The tool tip postition can be adjusted as “0” position.

◎ The accumulated error value of the spindle,the chuck,and the tool can all be adjusted and corrected at the same time.

SBT30-基础柄刀柄 SBT30 SEMI-FINISHED TOOL HOLDER





FIG. 1

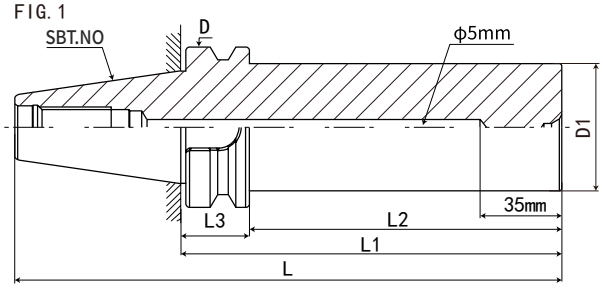
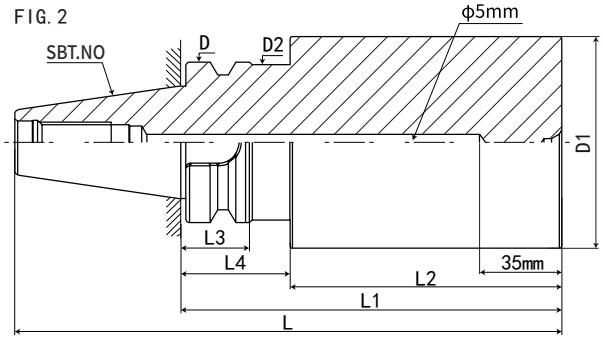


FIG. 2





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- 锥柄硬度 HRC50-53
- Taper shank hardnessHRC50-53
- 前端硬度 HRC40-45
- Front end hardness HRC40-45

规 格 Model	L	L1	L2	L3	L4	D	D1	D2	FIG	重量 KGS
SBT30-D50-100	148.4	100	68	32	22	50	46	44	2	
SBT30-D50-125	173.4	125	93	32	22	50	46	44	2	
SBT30-D50-150	198.4	150	118	32	22	50	46	44	2	
SBT30-D63-100	148.4	100	68	32	22	63	46	44	2	
SBT30-D63-125	173.4	125	93	32	22	63	46	44	2	
SBT30-D63-150	198.4	150	118	32	22	63	46	44	2	
SBT30-D83-100	148.4	100	68	32	22	83	46	44	2	
SBT30-D83-125	173.4	125	93	32	22	83	46	44	2	
SBT30-D102-125	173.4	125	93	32	22	102	46	44	2	
SBT40-D50-100	165.4	100	73	-	27	50	63	-	1	
SBT40-D50-150	215.4	150	123	-	27	50	63	-	1	
SBT40-D50-200	265.4	200	173	-	27	50	63	-	1	
SBT40-D63-100	165.4	100	63	37	27	63	63	61	2	
SBT40-D63-150	215.4	150	113	37	27	63	63	61	2	
SBT40-D63-200	265.4	200	163	37	27	63	63	61	2	
SBT40-D63-250	315.4	250	213	37	27	63	63	61	2	
SBT40-D83-100	165.4	100	63	37	27	83	63	61	2	
SBT40-D83-150	215.4	150	113	37	27	83	63	61	2	
SBT40-D83-200	265.4	200	163	37	27	83	63	61	2	
SBT40-D83-250	315.4	250	213	37	27	83	63	61	2	
SBT40-D102-150	215.4	150	113	37	27	102	63	61	2	
SBT50-D102-100	201.8	100	52	48	38	102	100	98	2	
SBT50-D102-150	251.8	150	102	48	38	102	100	98	2	
SBT50-D102-200	301.8	200	152	48	38	102	100	98	2	
SBT50-D102-250	351.8	250	202	48	38	102	100	98	2	
SBT50-D102-300	401.8	300	252	48	38	102	100	98	2	
SBT50-D127-150	251.8	150	102	48	38	127	100	98	2	
SBT50-D127-200	301.8	200	152	48	38	127	100	98	2	

BT

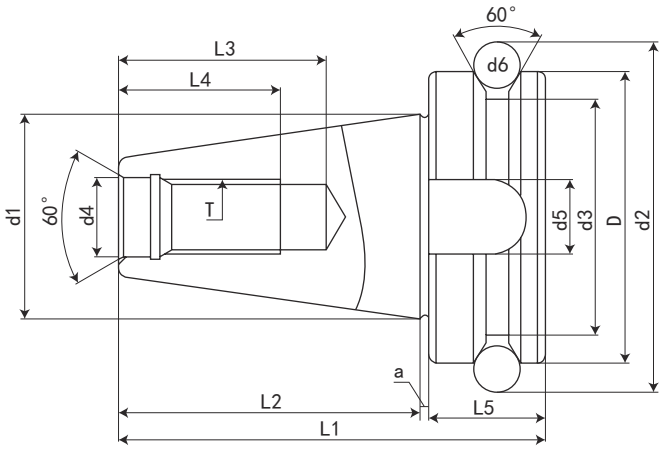
JIS MAS 403 / B6339

PRECISION TOOL HOLDERS SYSTEM



BT数控刀柄系列

CNC TOOL SYSTEMS



规格 / 型号 Model	D h8	d1	d2	d3	d4 H8	d5 H12	d6	L1	L2 ±0.2	L3 Min	L4 Min	L5	a ±0.4	T 6H
BT30	46	31.75	56.14	38	12.5	16.1	8	70.4	48.4	34	24	20	2	M12*1.75P
BT40	63	44.45	75.679	53	17	16.1	10	92.4	65.4	70	30	25	2	M16*2.0P
BT50	100	69.85	119.02	83	25	25.7	15	139.8	101.8	90	45	35	3	M24*3.0P

特点：

◎锥度精度：<AT3
◎基本材质：JIS-SCM415 or JIS SNCM220 or JIS SNCM439
◎硬度：HRC56° ~58° 渗碳深度 >0.8mm
◎真圆度：<0.8um
◎表面粗糙度：Ra<0.5um
◎刀柄本体可另外指定：通过 V 型法兰端出水规格（DIN-69871-AD+B）
◎ ER、EOC、FMA、FMB、MLC、MLD、MLT、SCK、SFC、SKS、SLN（DIN、FID、JIS）、SOM、TG 皆符合：通过刀柄本体中心出水规格（DIN-69871-AD）
◎刀柄有预设标准动平衡 G6.3，可另外指定精密动平衡 G2.5
◎本体规范：JIS MAS 403 及 B6339

Features:

◎ Taper tolerance<AT3
◎ Basic Material:JIS-SCM415
◎ Hardness>HRC 56° Carbon depth>0.8mm
◎ Roundness<0.8um
◎ Surface roughness:Ra<0.5um
◎ If it is suitable for center coolant standard(DIN-69871-AD or B),it can be ordered
◎ ER、EOC、FMA、FMB、MLC、MLD、MLT、SCK、SFC、SKS、SLN(DIN、FID、JIS)、SOM、TG Are in compliance with:Water through the chuck body center type(DIN-69871-AD)
◎ The shank has pre-balance at G6.3,and can provide percision balance at G2.5,made by request
◎ Shank body standard:JIS MAS 403 and B6339

BT30-PHC 液压刀柄 BT30-PHC HYDRAULIC TOOL HOLDER





FIG. 1

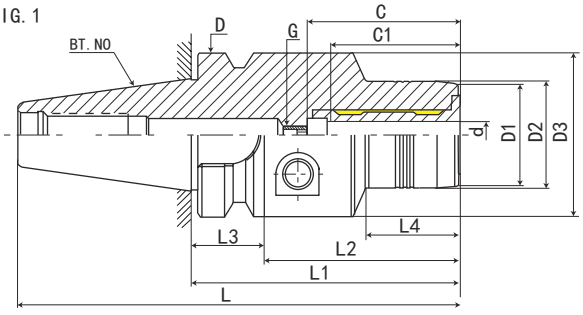
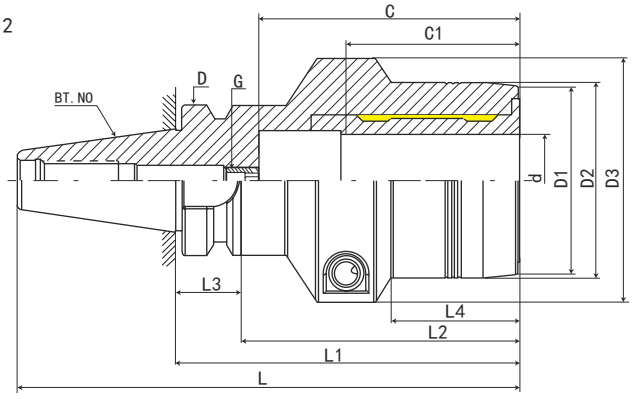


FIG. 2



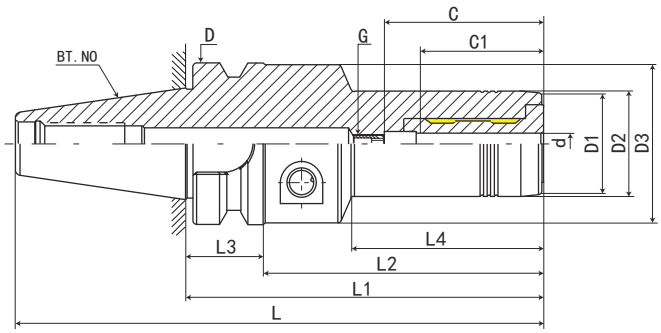
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	FIG	重量 KGS
BT30-PHC03-60	108.4	60	38	22	28	46	20	23	45	3	*	18	*	1	0.75
BT30-PHC3.175-60	108.4	60	38	22	28	46	20	23	45	3.175	*	18	*	1	0.75
BT30-PHC04-60	108.4	60	38	22	28	46	21	24	45	4	*	24	*	1	0.75
BT30-PHC05-60	108.4	60	38	22	28	46	22	25	45	5	*	26	*	1	0.75
BT30-PHC06-70	118.4	70	48	22	28	46	23	26	45	6	37	27	M5*0.8P	1	0.8
BT30-PHC08-70	118.4	70	48	22	28	46	25	28	45	8	37	27	M6*1.0P	1	0.85
BT30-PHC10-75	123.4	75	53	22	36	46	27	30	45	10	41	31	M8*1.0P	1	0.85
BT30-PHC12-75	123.4	75	53	22	36	46	29	32	45	12	46	36	M10*1.0P	1	0.85
BT30-PHC14-85	133.4	85	63	22	44	46	31	34	45	14	46	36	M10*1.0P	1	0.95
BT30-PHC16-90	138.4	90	68	22	48	46	35	38	45	16	52	39	M12*1.0P	1	1.05
BT30-PHC18-90	138.4	90	68	22	48	46	37	40	45	18	52	39	M12*1.0P	1	1.1
BT30-PHC20-90	138.4	90	68	22	48	46	39	42	45	20	52	41	M16*1.0P	1	1.15
BT30-PHC25-105	153.4	105	83	22	44	46	52	55	63	25	80	47	M16*1.0P	2	1.65
BT30-PHC32-105	153.4	105	83	22	39	46	57	60	68	32	80	51	M16*1.0P	2	1.8

BT30 - PHC - 03 - 60

- 60 → L1 长度 Length (L1)
- 03 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- BT30 → 锥柄形式 Taper size

BT30-PHC 液压刀柄 BT30-PHC HYDRAULIC TOOL HOLDER





型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
BT30-PHC05-101.6	150	101.6	79.6	22	54.5	46	22	25	45	5	*	26	*	2
BT30-PHC06-101.6	150	101.6	79.6	22	54.5	46	22.2	26	45	6	37	27	M5*0.8P	2
BT30-PHC08-101.6	150	101.6	79.6	22	54.5	46	22.2	26	45	8	37	27	M6*1.0P	2
BT30-PHC10-101.6	150	101.6	79.6	22	55.7	46	26	30	45	10	41	31	M8*1.0P	2
BT30-PHC12-101.6	150	101.6	79.6	22	56.2	46	26	32	45	12	46	36	M10*1.0P	2
BT30-PHC14-101.6	150	101.6	79.6	22	57	46	30	36	45	14	46	36	M10*1.0P	2
BT30-PHC16-101.6	150	101.6	79.6	22	57	46	32	38	45	16	49	39	M12*1.0P	2
BT30-PHC18-101.6	150	101.6	79.6	22	58	46	34	40	45	18	49	39	M12*1.0P	2
BT30-PHC20-101.6	150	101.6	79.6	22	59.5	46	36	42	45	20	51	41	M16*1.0P	2

BT30 - PHC - 05 - 101.6

- 101.6 → L1 长度 Length (L1)
- 05 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- BT30 → 锥柄形式 Taper size

BT40-PHC 液压刀柄 BT40-PHC HYDRAULIC TOOL HOLDER





FIG. 1

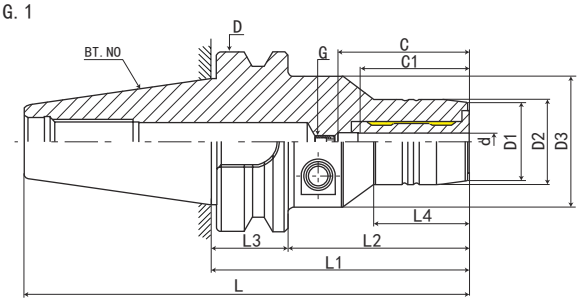
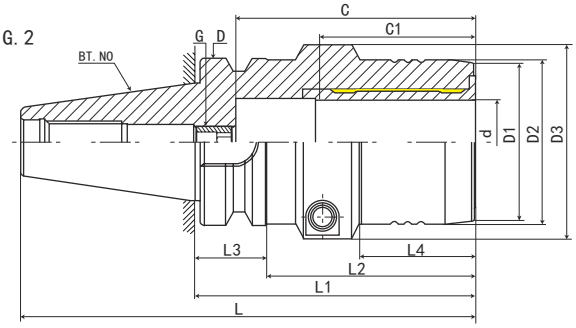


FIG. 2



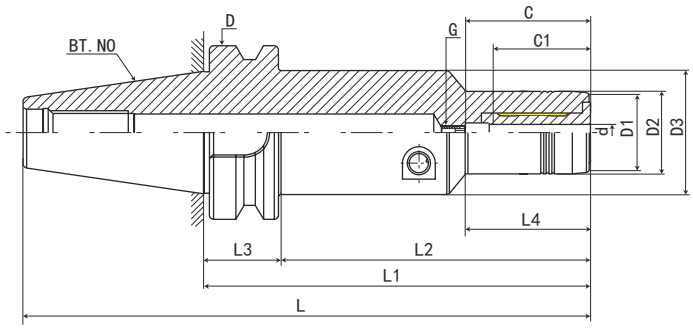
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	FIG	重量 KGS
BT40-PHC03-75	140.4	75	48	27	26	63	20	23	50	3	*	18	*	1	1.28
BT40-PHC03-90	155.4	90	63	27	29	63	20	23	50	3	*	18	*	1	1.38
BT40-PHC3.175-75	140.4	75	48	27	26	63	20	23	50	3.175	*	18	*	1	1.28
BT40-PHC3.175-90	155.4	90	63	27	29	63	20	23	50	3.175	*	18	*	1	1.38
BT40-PHC04-75	140.4	75	48	27	26	63	21	24	50	4	*	24	*	1	1.28
BT40-PHC04-90	155.4	90	63	27	29	63	21	24	50	4	*	24	*	1	1.38
BT40-PHC05-75	140.4	75	48	27	26	63	22	25	50	5	*	26	*	1	1.3
BT40-PHC05-90	155.4	90	63	27	29	63	22	25	50	5	*	26	*	1	1.4
BT40-PHC06-75	140.4	75	48	27	26	63	23	26	50	6	37	27	M5*0.8P	1	1.32
BT40-PHC06-90	155.4	90	63	27	29	63	23	26	50	6	37	27	M5*0.8P	1	1.41
BT40-PHC08-75	140.4	75	48	27	26	63	25	28	50	8	37	27	M6*1.0P	1	1.36
BT40-PHC08-90	155.4	90	63	27	30	63	25	28	50	8	37	27	M6*1.0P	1	1.46
BT40-PHC10-75	140.4	75	48	27	26	63	27	30	50	10	41	31	M8*1.0P	1	1.43
BT40-PHC10-90	155.4	90	63	27	35	63	27	30	50	10	41	31	M8*1.0P	1	1.57
BT40-PHC12-75	140.4	75	48	27	26	63	29	32	50	12	46	36	M10*1.0P	1	1.46
BT40-PHC12-90	155.4	90	63	27	40	63	29	32	50	12	46	36	M10*1.0P	1	1.62
BT40-PHC14-75	140.4	75	48	27	26	63	31	34	50	14	46	36	M10*1.0P	1	1.48
BT40-PHC14-90	155.4	90	63	27	40	63	31	34	50	14	46	36	M10*1.0P	1	1.68
BT40-PHC16-75	140.4	75	48	27	26	63	35	38	50	16	75	39	M12*1.0P	1	1.51
BT40-PHC16-90	155.4	90	63	27	45	63	35	38	50	16	75	39	M12*1.0P	1	1.7
BT40-PHC18-75	140.4	75	48	27	26	63	37	40	50	18	75	39	M12*1.0P	1	1.51
BT40-PHC18-90	155.4	90	63	27	46	63	37	40	50	18	75	39	M12*1.0P	1	1.7
BT40-PHC20-75	140.4	75	48	27	26	63	39	42	50	20	80	41	M16*1.0P	1	1.52
BT40-PHC20-90	155.4	90	63	27	47	63	39	42	50	20	80	41	M16*1.0P	1	1.75
BT40-PHC25-105	170.4	105	78	27	50	63	52	55	63	25	80	47	M16*1.0P	1	2.05
BT40-PHC32-105	170.4	105	78	27	48	63	60	63	73	32	90	51	M16*1.0P	2	2.34
BT40-PHC40-120	185.4	120	93	27		63				40	90		M16*1.0P	2	3
BT40-PHC42-120	185.4	120	93	27		63				42	90		M16*1.0P	2	3

BT40 - PHC - 03 - 75

- 75 → L1 长度 Length (L1)
- 03 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- BT40 → 锥柄形式 Taper size

BT40-PHC 液压刀柄 BT40-PHC HYDRAULIC TOOL HOLDER





型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
BT40-PHC05-140	205.4	140	113	27	43	63	22	25	45	5	*	26	*	2.1
BT40-PHC06-140	205.4	140	113	27	43	63	23	26	45	6	37	27	M5*0.8P	2.1
BT40-PHC08-140	205.4	140	113	27	44	63	25	28	45	8	37	27	M6*1.0P	2.1
BT40-PHC10-140	205.4	140	113	27	44	63	27	30	45	10	41	31	M8*1.0P	2.1
BT40-PHC12-140	205.4	140	113	27	44	63	29	32	45	12	46	36	M10*1.0P	2.1
BT40-PHC14-140	205.4	140	113	27	44	63	31	34	45	14	46	36	M10*1.0P	2.2
BT40-PHC16-140	205.4	140	113	27	47	63	35	38	45	16	52	42	M12*1.0P	2.2
BT40-PHC18-140	205.4	140	113	27	47	63	37	40	45	18	52	42	M12*1.0P	2.2
BT40-PHC20-140	205.4	140	113	27	47	63	39	42	45	20	52	42	M16*1.0P	2.2
BT40-PHC25-140	205.4	140	113	27	47	63	52	55	57	25	57	47	M16*1.0P	2.8
BT40-PHC32-140	205.4	140	113	27	47	63	60	63	62	32	61	51	M16*1.0P	2.9

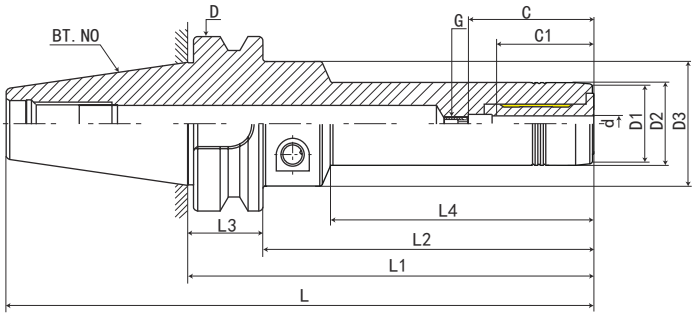
BT40 - PHC - 05 - 140

- 140 → L1 长度 Length (L1)
- 05 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- BT40 → 锥柄形式 Taper size

数控刀柄系列 CNC TOOL SYSTEMS

BT40-JPHC 液压刀柄 BT40-JPHC HYDRAULIC TOOL HOLDER





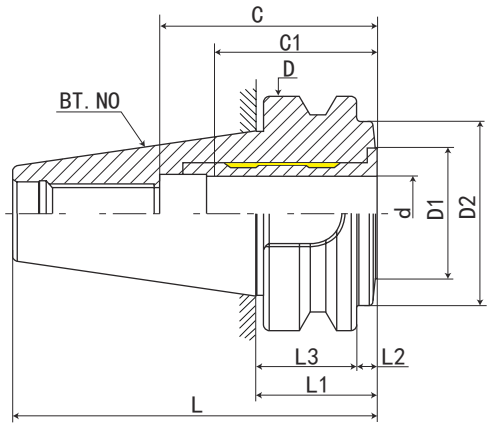
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
BT40-JPHC05-150	215.4	150	123	27	103	63	21	25	50	5	*	26	*	2.1
BT40-JPHC05-200	265.4	200	173	27	153	63	21	25	50	5	*	26	*	2.2
BT40-JPHC05-250	315.4	250	223	27	203	63	21	25	50	5	*	26	*	2.3
BT40-JPHC06-150	215.4	150	123	27	103	63	22	26	50	6	37	27	M5*0.8P	2.1
BT40-JPHC06-200	265.4	200	173	27	153	63	22	26	50	6	37	27	M5*0.8P	2.2
BT40-JPHC06-250	315.4	250	223	27	203	63	22	26	50	6	37	27	M5*0.8P	2.3
BT40-JPHC08-150	215.4	150	123	27	104	63	24	28	50	8	37	27	M6*1.0P	2.1
BT40-JPHC08-200	265.4	200	173	27	154	63	24	28	50	8	37	27	M6*1.0P	2.2
BT40-JPHC08-250	315.4	250	223	27	204	63	24	28	50	8	37	27	M6*1.0P	2.3
BT40-JPHC10-150	215.4	150	123	27	104	63	26	30	50	10	41	31	M8*1.0P	2.1
BT40-JPHC10-200	265.4	200	173	27	154	63	26	30	50	10	41	31	M8*1.0P	2.2
BT40-JPHC10-250	315.4	250	223	27	204	63	26	30	50	10	41	31	M8*1.0P	2.3
BT40-JPHC12-150	215.4	150	123	27	105	63	28	32	50	12	46	36	M10*1.0P	2.1
BT40-JPHC12-200	265.4	200	173	27	155	63	28	32	50	12	46	36	M10*1.0P	2.2
BT40-JPHC12-250	315.4	250	223	27	204	63	28	32	50	12	46	36	M10*1.0P	2.3
BT40-JPHC14-150	215.4	150	123	27	105	63	30	34	50	14	46	36	M10*1.0P	2.1
BT40-JPHC14-200	265.4	200	173	27	155	63	30	34	50	14	46	36	M10*1.0P	2.2
BT40-JPHC14-250	315.4	250	223	27	204	63	30	34	50	14	46	36	M10*1.0P	2.3
BT40-JPHC16-150	215.4	150	123	27	106	63	34	38	50	16	49	39	M12*1.0P	2.2
BT40-JPHC16-200	265.4	200	173	27	156	63	34	38	50	16	49	39	M12*1.0P	2.3
BT40-JPHC16-250	315.4	250	223	27	206	63	34	38	50	16	49	39	M12*1.0P	2.4
BT40-JPHC18-150	215.4	150	123	27	107	63	36	40	50	18	49	39	M12*1.0P	2.2
BT40-JPHC18-200	265.4	200	173	27	157	63	36	40	50	18	49	39	M12*1.0P	2.3
BT40-JPHC18-250	315.4	250	223	27	207	63	36	40	50	18	49	39	M12*1.0P	2.4
BT40-JPHC20-150	215.4	150	123	27	108	63	38	42	50	20	51	41	M16*1.0P	2.3
BT40-JPHC20-200	265.4	200	173	27	158	63	38	42	50	20	51	41	M16*1.0P	2.4
BT40-JPHC20-250	315.4	250	223	27	208	63	38	42	50	20	51	41	M16*1.0P	2.5

BT40 - JPHC - 05 - 150

- 150 → L1 长度 Length (L1)
- 05 → 刀杆直径 Diameter
- JPHC → 功能代号 Holder type
- BT40 → 锥柄形式 Taper size

BT40-PHC 液压刀柄 BT40-PHC HYDRAULIC TOOL HOLDER





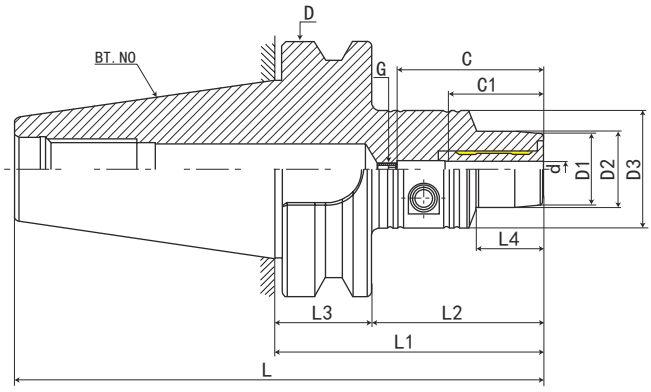
型号 Model	L	L1	L2	L3	D	D1	D2	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
BT40-PHC20-32.5	97.9	32.5	5.5	27	63	34	49.5	20	51	41	M16*1.0P	0.7

BT40 - PHC - 20 - 32.5

- 32.5 → L1 长度 Length (L1)
- 20 → 刀 杆 直 径 Diameter
- PHC → 功 能 代 号 Holder type
- BT40 → 锥 柄 形 式 Taper size

BT50-PHC 液压刀柄 BT50-PHC HYDRAULIC TOOL HOLDER





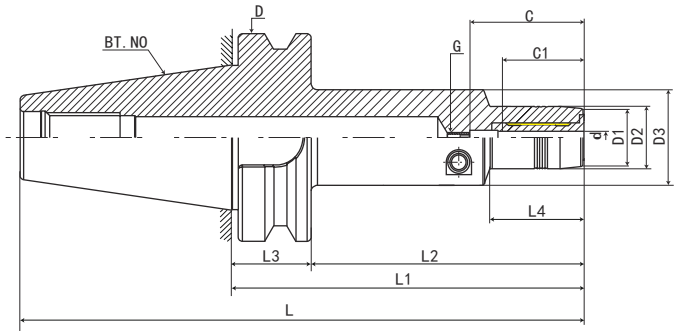
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
BT50-PHC05-90	191.8	90	52	38	32	100	22	25	49.5	5	*	26	*	4.2
BT50-PHC05-120	221.8	120	82	38	44	100	22	25	49.5	5	*	26	*	4.5
BT50-PHC06-90	191.8	90	52	38	32	100	23	26	49.5	6	37	27	M5*0.8P	4.2
BT50-PHC06-120	221.8	120	82	38	44	100	23	26	49.5	6	37	27	M5*0.8P	4.5
BT50-PHC08-90	191.8	90	52	38	32	100	25	28	49.5	8	37	27	M6*1.0P	4.2
BT50-PHC08-120	221.8	120	82	38	44	100	25	28	49.5	8	37	27	M6*1.0P	4.5
BT50-PHC10-90	191.8	90	52	38	32	100	27	30	49.5	10	41	31	M8*1.0P	4.2
BT50-PHC10-120	221.8	120	82	38	44	100	27	30	49.5	10	41	31	M8*1.0P	4.5
BT50-PHC12-90	191.8	90	52	38	32	100	29	32	49.5	12	46	36	M10*1.0P	4.3
BT50-PHC12-120	221.8	120	82	38	44	100	29	32	49.5	12	46	36	M10*1.0P	4.5
BT50-PHC14-90	191.8	90	52	38	32	100	31	34	49.5	14	46	36	M10*1.0P	4.3
BT50-PHC14-120	221.8	120	82	38	44	100	31	34	49.5	14	46	36	M10*1.0P	4.6
BT50-PHC16-90	191.8	90	52	38	32	100	35	38	49.5	16	75	39	M12*1.0P	4.3
BT50-PHC16-120	221.8	120	82	38	48	100	35	38	49.5	16	75	39	M12*1.0P	4.6
BT50-PHC18-90	191.8	90	52	38	32	100	37	40	49.5	18	75	39	M12*1.0P	4.4
BT50-PHC18-120	221.8	120	82	38	48	100	37	40	49.5	18	75	39	M12*1.0P	4.6
BT50-PHC20-90	191.8	90	52	38	32	100	39	42	49.5	20	75	41	M16*1.0P	4.4
BT50-PHC20-120	221.8	120	82	38	48	100	39	42	49.5	20	75	41	M16*1.0P	4.7
BT50-PHC25-120	221.8	120	82	38	48	100	53	57	63	25	80	47	M16*1.0P	4.9
BT50-PHC32-120	221.8	120	82	38	48	100	58	62	70	32	90	51	M16*1.0P	5.2
BT50-PHC40-120	221.8	120	82	38		100				40	90	61	M16*1.0P	6
BT50-PHC42-120	221.8	120	82	38		100				42	90	61	M16*1.0P	6
BT50-PHC50-120	221.8	120	82	38		100				50	90	61	M16*1.0P	7

BT50 - PHC - 05 - 90

- 90 → L1 长度 Length (L1)
- 05 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- BT50 → 锥柄形式 Taper size

BT50-PHC 液压刀柄 BT50-PHC HYDRAULIC TOOL HOLDER





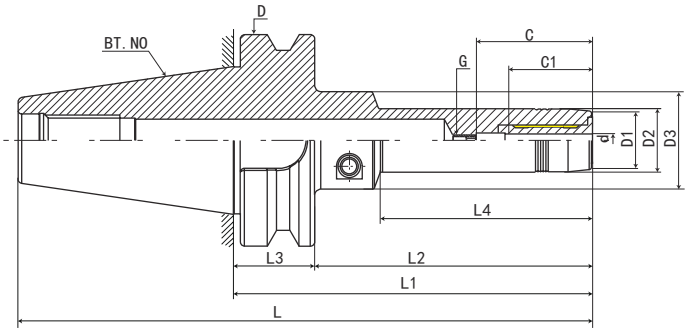
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
BT50-PHC05-140	241.8	140	102	38	29	100	22	25	49.5	5	*	26	*	4.8
BT50-PHC05-200	301.8	200	162	38	29	100	22	25	49.5	5	*	26	*	5.2
BT50-PHC06-140	241.8	140	102	38	29	100	23	26	49.5	6	37	27	M5*0.8P	4.8
BT50-PHC06-200	301.8	200	162	38	29	100	23	26	49.5	6	37	27	M5*0.8P	5.2
BT50-PHC08-140	241.8	140	102	38	30	100	25	28	49.5	8	37	27	M6*1.0P	4.8
BT50-PHC08-200	301.8	200	162	38	30	100	25	28	49.5	8	37	27	M6*1.0P	5.2
BT50-PHC10-140	241.8	140	102	38	35	100	27	30	49.5	10	41	31	M8*1.0P	4.8
BT50-PHC10-200	301.8	200	162	38	35	100	27	30	49.5	10	41	31	M8*1.0P	5.2
BT50-PHC12-140	241.8	140	102	38	40	100	29	32	49.5	12	46	36	M10*1.0P	4.8
BT50-PHC12-200	301.8	200	162	38	40	100	29	32	49.5	12	46	36	M10*1.0P	5.2
BT50-PHC14-140	241.8	140	102	38	40	100	31	34	49.5	14	46	36	M10*1.0P	4.8
BT50-PHC14-200	301.8	200	162	38	40	100	31	34	49.5	14	46	36	M10*1.0P	5.2
BT50-PHC16-140	241.8	140	102	38	45	100	35	38	49.5	16	75	39	M12*1.0P	4.8
BT50-PHC16-200	301.8	200	162	38	45	100	35	38	49.5	16	75	39	M12*1.0P	5.2
BT50-PHC18-140	241.8	140	102	38	46	100	37	40	49.5	18	75	39	M12*1.0P	4.9
BT50-PHC18-200	301.8	200	162	38	46	100	37	40	49.5	18	75	39	M12*1.0P	5.3
BT50-PHC20-140	241.8	140	102	38	42	100	39	42	49.5	20	75	41	M16*1.0P	4.9
BT50-PHC20-200	301.8	200	162	38	42	100	39	42	49.5	20	75	41	M16*1.0P	5.3
BT50-PHC25-140	241.8	140	102	38	48	100	53	57	63	25	80	47	M16*1.0P	5.6
BT50-PHC25-200	301.8	200	162	38	48	100	53	57	63	25	80	47	M16*1.0P	6
BT50-PHC32-140	241.8	140	102	38	50	100	58	62	70	32	90	51	M16*1.0P	5.8
BT50-PHC32-200	301.8	200	162	38	50	100	58	62	70	32	90	51	M16*1.0P	6.2

BT50 - PHC - 05 - 140

- 140 → L1 长度 Length (L1)
- 05 → 刀杆直径 Diameter
- PHC → 功能代号 Holder type
- BT50 → 锥柄形式 Taper size

BT50-JPHC 液压刀柄 BT50-JPHC HYDRAULIC TOOL HOLDER





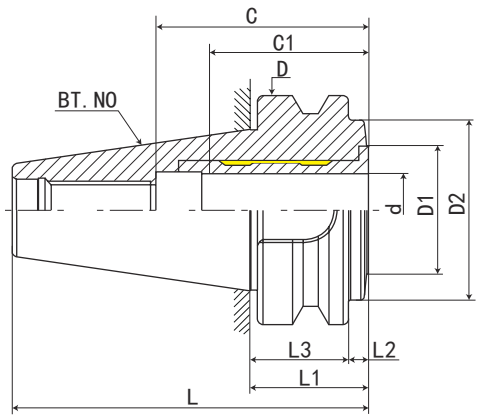
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
BT50-JPHC05-160	261.8	160	122	38	104	100	22	25	49.5	5	*	26	*	4.8
BT50-JPHC05-200	301.8	200	162	38	144	100	22	25	49.5	5	*	26	*	5.2
BT50-JPHC05-250	351.8	250	212	38	194	100	22	25	49.5	5	*	26	*	5.6
BT50-JPHC06-160	261.8	160	122	38	104	100	23	26	49.5	6	37	27	M5*0.8P	4.8
BT50-JPHC06-200	301.8	200	162	38	144	100	23	26	49.5	6	37	27	M5*0.8P	5.2
BT50-JPHC06-250	351.8	250	212	38	194	100	23	26	49.5	6	37	27	M5*0.8P	5.6
BT50-JPHC08-160	261.8	160	122	38	104	100	25	28	49.5	8	37	27	M6*1.0P	4.8
BT50-JPHC08-200	301.8	200	162	38	144	100	25	28	49.5	8	37	27	M6*1.0P	5.2
BT50-JPHC08-250	351.8	250	212	38	194	100	25	28	49.5	8	37	27	M6*1.0P	5.6
BT50-JPHC10-160	261.8	160	122	38	105	100	27	30	49.5	10	41	31	M8*1.0P	4.8
BT50-JPHC10-200	301.8	200	162	38	145	100	27	30	49.5	10	41	31	M8*1.0P	5.2
BT50-JPHC10-250	351.8	250	212	38	195	100	27	30	49.5	10	41	31	M8*1.0P	5.6
BT50-JPHC12-160	261.8	160	122	38	105	100	29	32	49.5	12	46	36	M10*1.0P	4.8
BT50-JPHC12-200	301.8	200	162	38	145	100	29	32	49.5	12	46	36	M10*1.0P	5.2
BT50-JPHC12-250	351.8	250	212	38	195	100	29	32	49.5	12	46	36	M10*1.0P	5.6
BT50-JPHC14-160	261.8	160	122	38	107	100	31	34	49.5	14	46	36	M10*1.0P	4.8
BT50-JPHC14-200	301.8	200	162	38	147	100	31	34	49.5	14	46	36	M10*1.0P	5.2
BT50-JPHC14-250	351.8	250	212	38	197	100	31	34	49.5	14	46	36	M10*1.0P	5.6
BT50-JPHC16-160	261.8	160	122	38	107	100	35	38	49.5	16	75	39	M12*1.0P	5
BT50-JPHC16-200	301.8	200	162	38	147	100	35	38	49.5	16	75	39	M12*1.0P	5.4
BT50-JPHC16-250	351.8	250	212	38	197	100	35	38	49.5	16	75	39	M12*1.0P	5.8
BT50-JPHC18-160	261.8	160	122	38	108	100	37	40	49.5	18	75	39	M12*1.0P	5
BT50-JPHC18-200	301.8	200	162	38	148	100	37	40	49.5	18	75	39	M12*1.0P	5.4
BT50-JPHC18-250	351.8	250	212	38	198	100	37	40	49.5	18	75	39	M12*1.0P	5.8
BT50-JPHC20-160	261.8	160	122	38	108	100	39	42	49.5	20	75	41	M16*1.0P	5
BT50-JPHC20-200	301.8	200	162	38	148	100	39	42	49.5	20	75	41	M16*1.0P	5.4
BT50-JPHC20-250	351.8	250	212	38	198	100	39	42	49.5	20	75	41	M16*1.0P	5.8
BT50-JPHC25-160	261.8	160	122	38	110	100	53	57	63	25	80	47	M16*1.0P	5.2
BT50-JPHC25-200	301.8	200	162	38	150	100	53	57	63	25	80	47	M16*1.0P	5.6
BT50-JPHC25-250	351.8	250	212	38	200	100	53	57	63	25	80	47	M16*1.0P	6
BT50-JPHC32-160	261.8	160	122	38	110	100	58	63	70	32	90	51	M16*1.0P	6
BT50-JPHC32-200	301.8	200	162	38	150	100	58	63	70	32	90	51	M16*1.0P	6.2
BT50-JPHC32-250	351.8	250	212	38	200	100	58	63	70	32	90	51	M16*1.0P	6.4

BT50 - JPHC - 05 - 160

- 160 → L1 长度 Length (L1)
- 05 → 刀杆直径 Diameter
- JPHC → 功能代号 Holder type
- BT50 → 锥柄形式 Taper size

BT50-PHC 液压刀柄 BT50-PHC HYDRAULIC TOOL HOLDER





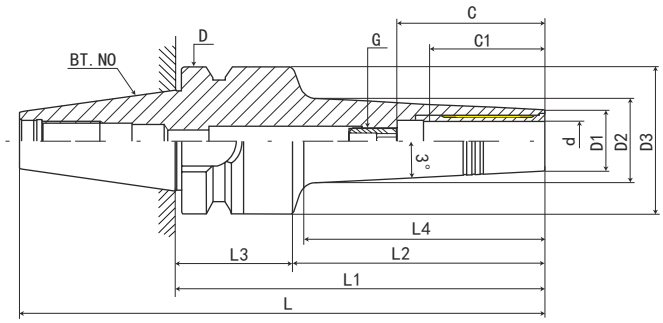
型号 Model	L	L1	L2	L3	D	D1	D2	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
BT50-PHC32-51	152.8	51	13	38	100	46	70.5	32	71	61	M16*1.0P	3.8

BT50 - PHC - 32 - 51

- 51 → L1 长度 Length (L1)
- 32 → 刀 杆 直 径 Diameter
- PHC → 功 能 代 号 Holder type
- BT50 → 锥 柄 形 式 Taper size

BT30-SPHC 液压刀柄 BT30-SPHC HYDRAULIC TOOL HOLDER





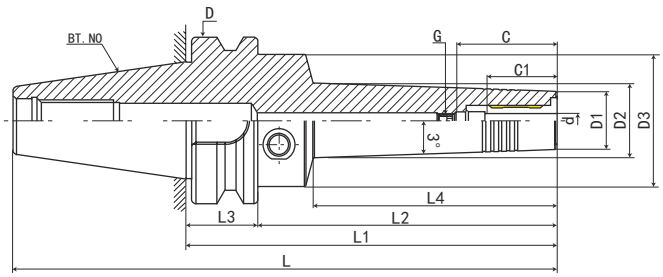
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max.insertiondepth	最少插入深度 C1 Mininsertiondepth	G	重量 KGS
BT30-SPHC03-85	133.4	85	63	22	42	46	11		45	3	*	18	*	1.1
BT30-SPHC04-85	133.4	85	63	22	42	46	11		45	4	*	24	*	1.1
BT30-SPHC05-85	133.4	85	63	22	42	46	12		45	5	*	26	*	1.4
BT30-SPHC06-115	163.4	115	93	22	74	46	13		45	6	37	27	M5*0.8P	1.4
BT30-SPHC08-115	163.4	115	93	22	74	46	15		45	8	37	27	M6*1.0P	1.4
BT30-SPHC10-115	163.4	115	93	22	74	46	17		45	10	41	31	M8*1.0P	1.4
BT30-SPHC12-115	163.4	115	93	22	75	46	19		45	12	46	36	M10*1.0P	1.4

BT30 - SPHC - 03 - 85

- 85 → L1 长度 Length (L1)
- 03 → 刀杆直径 Diameter
- SPHC → 功能代号 Holder type
- BT30 → 锥柄形式 Taper size

BT40-SPHC 液压刀柄 BT40-SPHC HYDRAULIC TOOL HOLDER





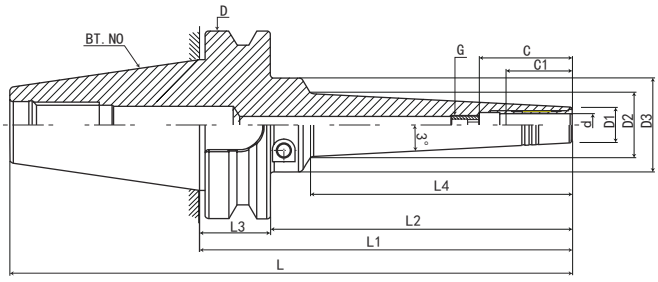
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
BT40-SPHC03-90	155.4	90	63	27	42	63	11		46	3	*	18	*	1.1
BT40-SPHC03-120	185.4	120	93	27	72	63	11		46	3	*	18	*	1.3
BT40-SPHC04-90	155.4	90	63	27	42	63	11		46	4	*	24	*	1.1
BT40-SPHC04-120	185.4	120	93	27	72	63	11		46	4	*	24	*	1.3
BT40-SPHC05-90	155.4	90	63	27	42	63	12		46	5	*	26	*	1.4
BT40-SPHC05-120	185.4	120	93	27	72	63	12		46	5	*	26	*	1.3
BT40-SPHC06-120	185.4	120	93	27	74	63	13		46	6	37	27	M5*0.8P	1.4
BT40-SPHC06-150	215.4	150	123	27	104	63	13		46	6	37	27	M5*0.8P	1.5
BT40-SPHC06-200	265.4	200	173	27	154	63	13		46	6	37	27	M5*0.8P	1.7
BT40-SPHC08-120	185.4	120	93	27	74	63	15		46	8	37	27	M6*1.0P	1.4
BT40-SPHC08-150	215.4	150	123	27	104	63	15		46	8	37	27	M6*1.0P	1.5
BT40-SPHC08-200	265.4	200	173	27	154	63	15		46	8	37	27	M6*1.0P	1.7
BT40-SPHC10-120	185.4	120	93	27	74	63	17		46	10	41	31	M8*1.0P	1.4
BT40-SPHC10-150	215.4	150	123	27	104	63	17		46	10	41	31	M8*1.0P	1.5
BT40-SPHC10-200	265.4	200	173	27	154	63	17		46	10	41	31	M8*1.0P	1.7
BT40-SPHC12-120	185.4	120	93	27	75	63	19		46	12	46	36	M10*1.0P	1.4
BT40-SPHC12-150	215.4	150	123	27	105	63	19		46	12	46	36	M10*1.0P	1.5
BT40-SPHC12-200	265.4	200	173	27	154	63	19		46	12	46	36	M10*1.0P	1.7
BT40-SPHC14-120	185.4	120	93	27	75	63	21		46	14	46	36	M10*1.0P	1.4
BT40-SPHC14-150	215.4	150	123	27	105	63	21		46	14	46	36	M10*1.0P	1.5
BT40-SPHC14-200	265.4	200	173	27	154	63	21		46	14	46	36	M10*1.0P	1.7
BT40-SPHC16-120	185.4	120	93	27	75	63	23		50	16	49	39	M12*1.0P	1.5
BT40-SPHC16-150	215.4	150	123	27	105	63	23		50	16	49	39	M12*1.0P	1.6
BT40-SPHC16-200	265.4	200	173	27	154	63	23		50	16	49	39	M12*1.0P	1.8
BT40-SPHC18-120	185.4	120	93	27	75	63	25		50	18	49	39	M12*1.0P	1.5
BT40-SPHC18-150	215.4	150	123	27	105	63	25		50	18	49	39	M12*1.0P	1.6
BT40-SPHC18-200	265.4	200	173	27	154	63	25		50	18	49	39	M12*1.0P	1.8
BT40-SPHC20-120	185.4	120	93	27	75	63	27		50	20	51	41	M16*1.0P	1.6
BT40-SPHC20-150	215.4	150	123	27	105	63	27		50	20	51	41	M16*1.0P	1.7
BT40-SPHC20-200	265.4	200	173	27	154	63	27		50	20	51	41	M16*1.0P	1.9

BT40 - SPHC - 03 - 90

- 90 → L1 长度 Length (L1)
- 03 → 刀杆直径 Diameter
- SPHC → 功能代号 Holder type
- BT40 → 锥柄形式 Taper size

BT50-SPHC 液压刀柄 BT50-SPHC HYDRAULIC TOOL HOLDER

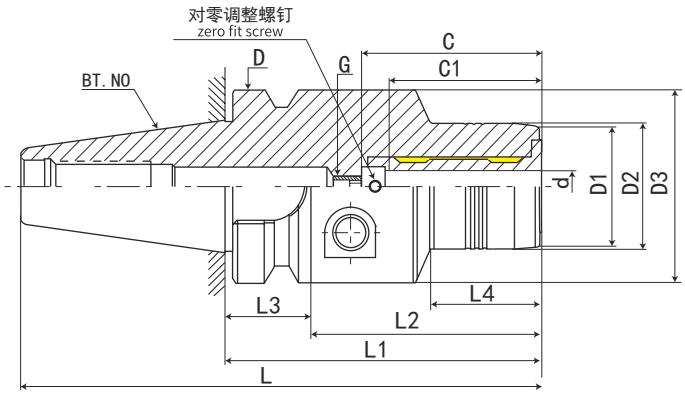




型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
BT50-SPHC05-150	251.8	150	112	38	80	100	12		50	5	*	26	*	4.2
BT50-SPHC05-200	301.8	200	162	38	130	100	12		50	5	*	26	*	4.4
BT50-SPHC05-250	351.8	250	212	38	180	100	12		50	5	*	26	*	4.6
BT50-SPHC05-300	401.8	300	262	38	230	100	12		50	5	*	26	*	4.8
BT50-SPHC06-150	251.8	150	112	38	80	100	13		50	6	37	27	M5*0.8P	4.2
BT50-SPHC06-200	301.8	200	162	38	130	100	13		50	6	37	27	M5*0.8P	4.4
BT50-SPHC06-250	351.8	250	212	38	180	100	13		50	6	37	27	M5*0.8P	4.6
BT50-SPHC06-300	401.8	300	262	38	230	100	13		50	6	37	27	M5*0.8P	4.8
BT50-SPHC08-150	251.8	150	112	38	80	100	15		50	8	37	27	M6*1.0P	4.2
BT50-SPHC08-200	301.8	200	162	38	130	100	15		50	8	37	27	M6*1.0P	4.4
BT50-SPHC08-250	351.8	250	212	38	180	100	15		50	8	37	27	M6*1.0P	4.6
BT50-SPHC08-300	401.8	300	262	38	230	100	15		50	8	37	27	M6*1.0P	4.8
BT50-SPHC10-150	251.8	150	112	38	80	100	17		50	10	41	31	M8*1.0P	4.3
BT50-SPHC10-200	301.8	200	162	38	130	100	17		50	10	41	31	M8*1.0P	4.5
BT50-SPHC10-250	351.8	250	212	38	180	100	17		50	10	41	31	M8*1.0P	4.7
BT50-SPHC10-300	401.8	300	262	38	230	100	17		50	10	41	31	M8*1.0P	4.9
BT50-SPHC12-150	251.8	150	112	38	80	100	19		50	12	46	36	M10*1.0P	4.3
BT50-SPHC12-200	301.8	200	162	38	130	100	19		50	12	46	36	M10*1.0P	4.5
BT50-SPHC12-250	351.8	250	212	38	180	100	19		50	12	46	36	M10*1.0P	4.7
BT50-SPHC12-300	401.8	300	262	38	230	100	19		50	12	46	36	M10*1.0P	4.9
BT50-SPHC14-150	251.8	150	112	38	80	100	21		50	14	46	36	M10*1.0P	4.4
BT50-SPHC14-200	301.8	200	162	38	130	100	21		50	14	46	36	M10*1.0P	4.6
BT50-SPHC14-250	351.8	250	212	38	180	100	21		50	14	46	36	M10*1.0P	4.8
BT50-SPHC14-300	401.8	300	262	38	230	100	21		50	14	46	36	M10*1.0P	5
BT50-SPHC16-150	251.8	150	112	38	80	100	23		50	16	75	39	M12*1.0P	4.4
BT50-SPHC16-200	301.8	200	162	38	130	100	23		50	16	75	39	M12*1.0P	4.6
BT50-SPHC16-250	351.8	250	212	38	180	100	23		50	16	75	39	M12*1.0P	4.8
BT50-SPHC16-300	401.8	300	262	38	230	100	23		50	16	75	39	M12*1.0P	5
BT50-SPHC18-150	251.8	150	112	38	80	100	25		50	18	75	39	M12*1.0P	4.5
BT50-SPHC18-200	301.8	200	162	38	130	100	25		50	18	75	39	M12*1.0P	4.7
BT50-SPHC18-250	351.8	250	212	38	180	100	25		50	18	75	39	M12*1.0P	4.9
BT50-SPHC18-300	401.8	300	262	38	230	100	25		50	18	75	39	M12*1.0P	5.1
BT50-SPHC20-150	251.8	150	112	38	80	100	27		50	20	75	41	M16*1.0P	4.6
BT50-SPHC20-200	301.8	200	162	38	130	100	27		50	20	75	41	M16*1.0P	4.8
BT50-SPHC20-250	351.8	250	212	38	180	100	27		50	20	75	41	M16*1.0P	5
BT50-SPHC20-300	401.8	300	262	38	230	100	27		50	20	75	41	M16*1.0P	5.2

BT30-ZPHC 调零液压刀柄 BT30-ZPHC ZERO FIT HYDRAULIC TOOL HOLDER





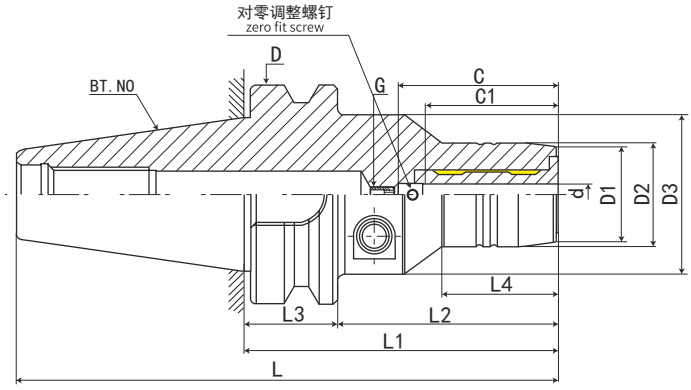
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
BT30-ZPHC06-90	138.4	90	68	22	48	46	23	26	45	6	41	31	M5*0.8P	0.8
BT30-ZPHC08-90	138.4	90	68	22	48	46	25	28	45	8	41	31	M6*1.0P	0.8
BT30-ZPHC10-90	138.4	90	68	22	51	46	27	30	45	10	48	38	M8*1.0P	0.8
BT30-ZPHC12-95	143.4	95	73	22	56	46	29	32	45	12	53	43	M10*1.0P	0.9
BT30-ZPHC16-100	148.4	100	78	22	58	46	35	38	45	16	58	48	M12*1.0P	1.1
BT30-ZPHC20-105	153.4	105	83	22	63	46	39	42	45	20	58	48	M16*1.0P	1.2

BT30 - ZPHC - 06 - 90

- 90 → L1 长度 Length (L1)
- 06 → 刀杆直径 Diameter
- ZPHC → 功能代号 Holder type
- BT30 → 锥柄形式 Taper size

BT40-ZPHC 调零液压刀柄 BT40-ZPHC ZERO FIT HYDRAULIC TOOL HOLDER





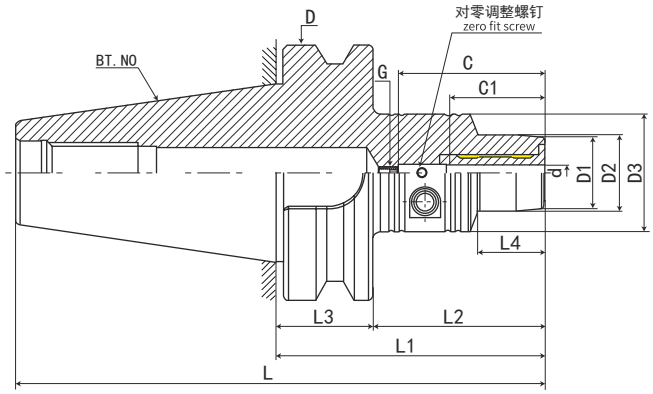
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
BT40-ZPHC05-90	155.4	90	63	27	44	63	22	25	50	5	*	26	*	1.4
BT40-ZPHC06-90	155.4	90	63	27	44	63	23	26	50	6	41	31	M5*0.8P	1.4
BT40-ZPHC08-90	155.4	90	63	27	44	63	25	28	50	8	41	31	M6*1.0P	1.4
BT40-ZPHC10-95	160.4	95	68	27	49	63	27	30	50	10	48	38	M8*1.0P	1.5
BT40-ZPHC12-100	165.4	100	73	27	54	63	29	32	50	12	53	43	M10*1.0P	1.6
BT40-ZPHC16-105	170.4	105	78	27	63	63	35	38	50	16	58	48	M12*1.0P	1.7
BT40-ZPHC20-105	170.4	105	78	27	63	63	39	42	50	20	58	48	M16*1.0P	1.8
BT40-ZPHC25-110	175.4	110	83	27	*	63	53	57	57	25	67	57	M16*1.0P	2.3
BT40-ZPHC32-115	180.4	115	88	27	*	63	58	62	62	32	71	61	M16*1.0P	2.6

BT40 - ZPHC - 05 - 90

- 90 → L1 长度 Length（L1）
- 05 → 刀杆直径 Diameter
- ZPHC → 功能代号 Holder type
- BT40 → 锥柄形式 Taper size

BT50-ZPHC 调零液压刀柄 BT50-ZPHC ZERO FIT HYDRAULIC TOOL HOLDER





型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
BT50-ZPHC05-105	206.8	105	67	38	47	100	21	25	50	5	*	26	*	4.2
BT50-ZPHC06-105	206.8	105	67	38	47	100	23	26	50	6	41	31	M5*0.8P	4.2
BT50-ZPHC08-105	206.8	105	67	38	47	100	25	28	50	8	41	31	M6*1.0P	4.2
BT50-ZPHC10-110	211.8	110	72	38	52	100	27	30	50	10	48	38	M8*1.0P	4.3
BT50-ZPHC12-115	216.8	115	77	38	57	100	29	32	50	12	53	43	M10*1.0P	4.3
BT50-ZPHC16-120	221.8	120	82	38	62	100	35	38	50	16	58	48	M12*1.0P	4.5
BT50-ZPHC20-120	221.8	120	82	38	62	100	39	42	50	20	58	48	M16*1.0P	4.6
BT50-ZPHC25-125	226.8	125	87	38	*	100	53	57	57	25	67	57	M16*1.0P	5.2
BT50-ZPHC32-125	226.8	125	87	38	*	100	58	62	62	32	71	61	M16*1.0P	5.4

BT50 - ZPHC - 05 - 105

- 105 → L1 长度 Length (L1)
- 05 → 刀杆直径 Diameter
- ZPHC → 功能代号 Holder type
- BT50 → 锥柄形式 Taper size

BT30/40-SLK 热缩基础柄 BT30/40-SLK SEMI-FINISHED SHRINK FIT CHUCK









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FIG. 1

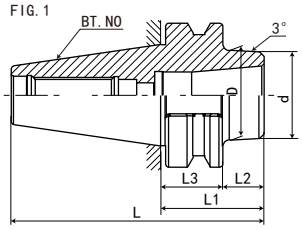


FIG. 2

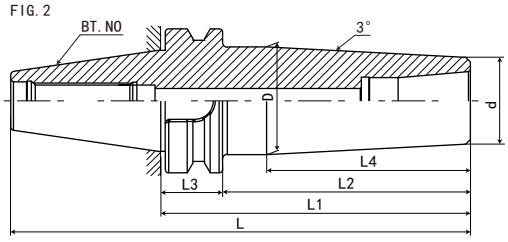
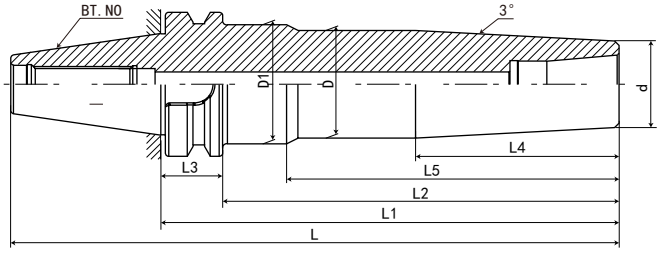


FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	d	FIG	重量 KGS
BT30-SLK12-45	93.4	45	23	22	-	-	40	-	38	1	
BT40-SLK12-45	110.4	45	18	27	-	-	40	-	38	1	1.15
BT40-SLK12-75	140.4	75	48	27	-	-	42.4	-	38	1	1.45
BT40-SLK12-135	200.4	135	108	27	89	-	47	-	38	2	2.2
BT40-SLK12-165	230.4	165	138	27	89	-	47	-	38	2	2.65
BT40-SLK12-200	265.4	200	173	27	89	145	47	52	38	3	3.25
BT40-SLK12-225	290.4	225	198	27	89	145	47	52	38	3	3.7

BT50-SLK 热缩基础柄 BT50-SLK SEMI-FINISHED SHRINK FIT CHUCK



FIG. 1

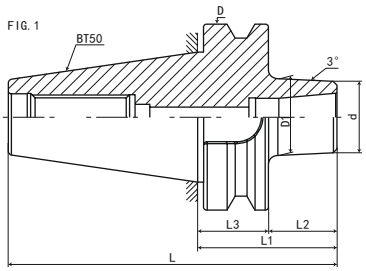




FIG. 2

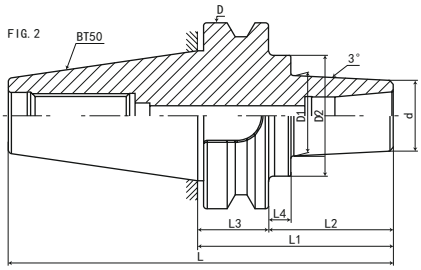
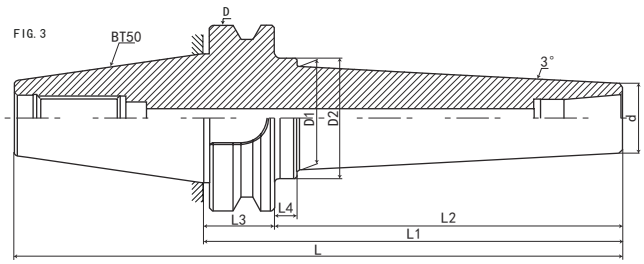




FIG. 3





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规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	FIG	重量 KGS
BT50-SLK12-75	176.8	75	37	38	-	100	41	-	38	1	
BT50-SLK12-105	206.8	105	67	38	12	100	43	65	38	2	
BT50-SLK12-135	236.8	135	97	38	12	100	46.5	65	38	2	
BT50-SLK12-165	266.8	165	127	38	12	100	50	65	38	2	
BT50-SLK12-200	301.8	200	162	38	12	100	53.5	65	38	2	
BT50-SLK12-225	326.8	225	187	38	12	100	56	65	38	2	
BT50-SLK12-265	366.8	265	227	38	12	100	60	65	38	2	
BT50-SLK12-315	416.8	315	277	38	12	100	65.5	65.5	38	2	

热缩延长杆（标准款） HEAT SHRINKABLE EXTENSION ROD (STANDARD)



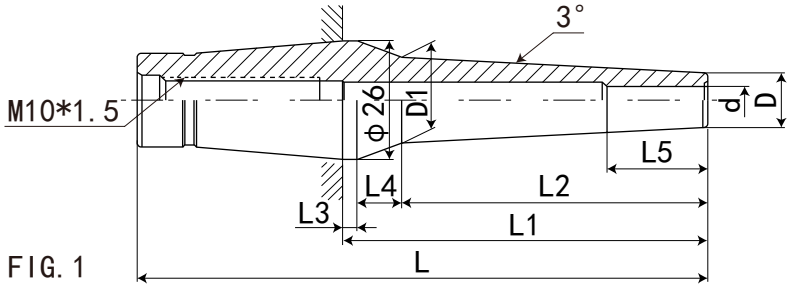


FIG. 1



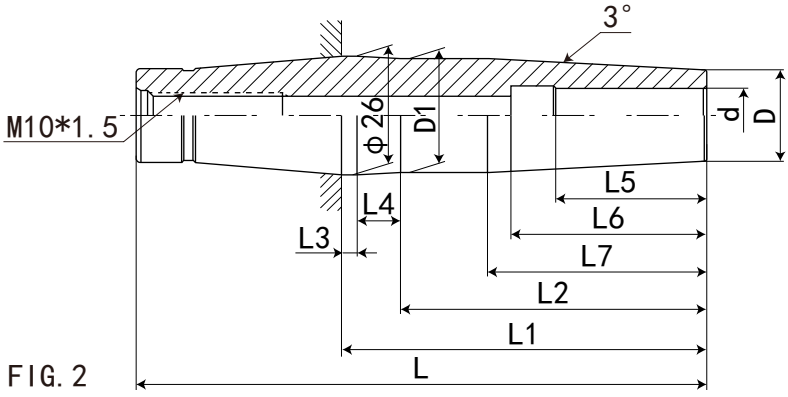
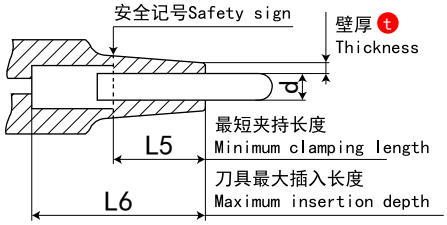


FIG. 2

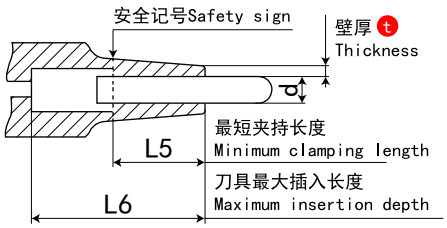


规 格 Model	L	L1	L2	L3	L4	L5	L6	L7	D	D1	d	t	FIG	重量 KGS
CR12-3-35	80	35	22	3.5	9.5	12	-	-	7.5	9.9	3	2.25	1	0.2
CR12-3-55	100	55	42	3.5	9.5	12	-	-	7.5	12	3	2.25	1	0.2
CR12-3-80	125	80	67	3.5	9.5	12	-	-	7.5	14.6	3	2.25	1	0.2
CR12-4-35	80	35	22	3.5	9.5	16	-	-	10	12.4	4	3	1	0.2
CR12-4-55	100	55	42	3.5	9.5	16	-	-	10	14.5	4	3	1	0.2
CR12-4-80	125	80	67	3.5	9.5	16	-	-	10	17.1	4	3	1	0.2
CR12-4-110	155	110	97	3.5	9.5	16	-	-	10	20.2	4	3	1	0.25
CR12-5-35	80	35	22	3.5	9.5	18	-	-	11	13.3	5	3	1	0.2
CR12-5-55	100	55	42	3.5	9.5	18	-	-	11	15.4	5	3	1	0.2
CR12-5-80	125	80	67	3.5	9.5	18	-	-	11	18.1	5	3	1	0.2
CR12-5-110	155	110	97	3.5	9.5	18	-	-	11	21.2	5	3	1	0.25
CR12-6-35	80	35	22	3.5	9.5	23	-	-	12	14.4	6	3	1	0.2
CR12-6-55	100	55	42	3.5	9.5	23	-	-	12	16.5	6	3	1	0.2
CR12-6-80	125	80	67	3.5	9.5	23	-	-	12	19.1	6	3	1	0.2
CR12-6-110	155	110	97	3.5	9.5	23	-	-	12	22.2	6	3	1	0.25
CR12-8-35	80	35	22	3.5	9.5	27	-	-	14	16.4	8	3	1	0.2
CR12-8-55	100	55	42	3.5	9.5	27	-	-	14	18.5	8	3	1	0.2
CR12-8-80	125	80	67	3.5	9.5	27	-	-	14	21.1	8	3	1	0.3
CR12-8-110	155	110	97	3.5	9.5	27	-	-	14	24.2	8	3	1	0.35
CR12-10-35	80	35	22	3.5	9.5	32	42	-	16	18.4	10	3	1	0.2
CR12-10-55	100	55	42	3.5	9.5	32	42	-	16	20.5	10	3	1	0.2
CR12-10-80	125	80	67	3.5	9.5	32	42	-	16	23.1	10	3	1	0.3
CR12-10-110	155	110	97	3.5	9.5	32	42	86	16	25.1	10	3	2	0.35
CR12-12-35	80	35	22	3.5	9.5	37	48	-	20	22.4	12	4	1	0.2
CR12-12-55	100	55	42	3.5	9.5	37	48	-	20	24.5	12	4	1	0.2
CR12-12-80	125	80	67	3.5	9.5	37	48	48	20	25.5	12	4	2	0.3
CR12-12-110	155	110	97	3.5	9.5	37	48	48	20	25.1	12	4	2	0.35

热缩延长杆（薄壁款） HEAT SHRINKABLE EXTENSION ROD (THIN WALL STYLE)







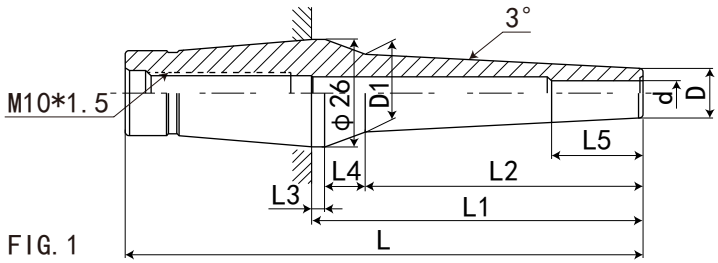


FIG. 1

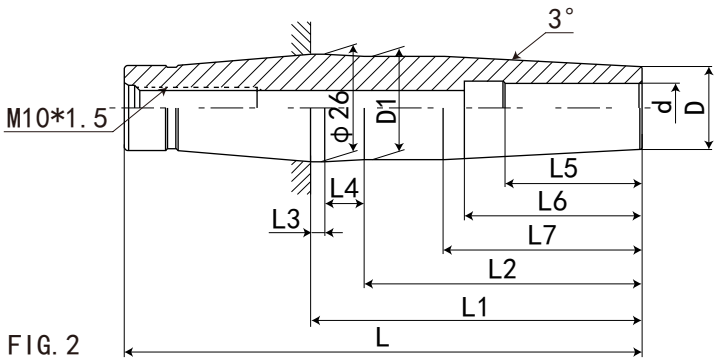


FIG. 2

规 格 Model	L	L1	L2	L3	L4	L5	L6	L7	D	D1	d	t	FIG	重量 KGS
CS12-3-35	80	35	22	3.5	9.5	12	-	-	6	8.4	3	1.5	1	0.2
CS12-3-55	100	55	42	3.5	9.5	12	-	-	6	10.5	3	1.5	1	0.2
CS12-3-80	125	80	67	3.5	9.5	12	-	-	6	13.1	3	1.5	1	0.2
CS12-3-110	155	110	97	3.5	9.5	12	-	-	6	16.2	3	1.5	1	0.25
CS12-4-35	80	35	22	3.5	9.5	16	-	-	7	9.4	4	1.5	1	0.2
CS12-4-55	100	55	42	3.5	9.5	16	-	-	7	11.5	4	1.5	1	0.2
CS12-4-80	125	80	67	3.5	9.5	16	-	-	7	14.1	4	1.5	1	0.2
CS12-4-110	155	110	97	3.5	9.5	16	-	-	7	17.2	4	1.5	1	0.25
CS12-5-35	80	35	22	3.5	9.5	18	-	-	8	10.4	5	1.5	1	0.2
CS12-5-55	100	55	42	3.5	9.5	18	-	-	8	12.5	5	1.5	1	0.2
CS12-5-80	125	80	67	3.5	9.5	18	-	-	8	15.1	5	1.5	1	0.2
CS12-5-110	155	110	97	3.5	9.5	18	-	-	8	18.2	5	1.5	1	0.25
CS12-6-35	80	35	22	3.5	9.5	23	-	-	9	11.4	6	1.5	1	0.2
CS12-6-55	100	55	42	3.5	9.5	23	-	-	9	13.5	6	1.5	1	0.2
CS12-6-80	125	80	67	3.5	9.5	23	-	-	9	16.1	6	1.5	1	0.2
CS12-6-110	155	110	97	3.5	9.5	23	-	-	9	19.2	6	1.5	1	0.25
CS12-7-35	80	35	22	3.5	9.5	25	-	-	10	12.4	7	1.5	1	0.2
CS12-7-55	100	55	42	3.5	9.5	25	-	-	10	14.5	7	1.5	1	0.2
CS12-7-80	125	80	67	3.5	9.5	25	-	-	10	17.1	7	1.5	1	0.2
CS12-7-110	155	110	97	3.5	9.5	25	-	-	10	20.2	7	1.5	1	0.25
CS12-8-35	80	35	22	3.5	9.5	27	-	-	11	13.4	8	1.5	1	0.2
CS12-8-55	100	55	42	3.5	9.5	27	-	-	11	15.5	8	1.5	1	0.2
CS12-8-80	125	80	67	3.5	9.5	27	-	-	11	18.1	8	1.5	1	0.2
CS12-8-110	155	110	97	3.5	9.5	27	-	-	11	21.2	8	1.5	1	0.25
CS12-9-35	80	35	22	3.5	9.5	29	42	-	12	14.4	9	1.5	1	0.2
CS12-9-55	100	55	42	3.5	9.5	29	42	-	12	16.5	9	1.5	1	0.2
CS12-9-80	125	80	67	3.5	9.5	29	42	-	12	19.1	9	1.5	1	0.2
CS12-9-110	155	110	97	3.5	9.5	29	42	-	12	22.2	9	1.5	1	0.25
CS12-10-35	80	35	22	3.5	9.5	32	42	-	13	15.4	10	1.5	1	0.2
CS12-10-55	100	55	42	3.5	9.5	32	42	-	13	17.5	10	1.5	1	0.2
CS12-10-80	125	80	67	3.5	9.5	32	42	-	13	20.1	10	1.5	1	0.2
CS12-10-110	155	110	97	3.5	9.5	32	42	-	13	23.2	10	1.5	1	0.25
CS12-11-35	80	35	22	3.5	9.5	34	44	-	14	16.4	11	1.5	1	0.2
CS12-11-55	100	55	42	3.5	9.5	34	44	-	14	18.5	11	1.5	1	0.2
CS12-11-80	125	80	67	3.5	9.5	34	44	-	14	21.1	11	1.5	1	0.2
CS12-11-110	155	110	97	3.5	9.5	34	44	-	14	24.2	11	1.5	1	0.25
CS12-12-35	80	35	22	3.5	9.5	37	48	-	15	17.4	12	1.5	1	0.2
CS12-12-55	100	55	42	3.5	9.5	37	48	-	15	19.5	12	1.5	1	0.2
CS12-12-80	125	80	67	3.5	9.5	37	48	-	15	22.1	12	1.5	1	0.2
CS12-12-110	155	110	97	3.5	9.5	37	48	95	15	25	12	1.5	2	0.25

BT30-SF 热缩刀柄 (4.5 度标准型) BT30-SF SHRINK FIT TOOL HOLDER (4.5° STANDARD VERSION)







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FIG. 1

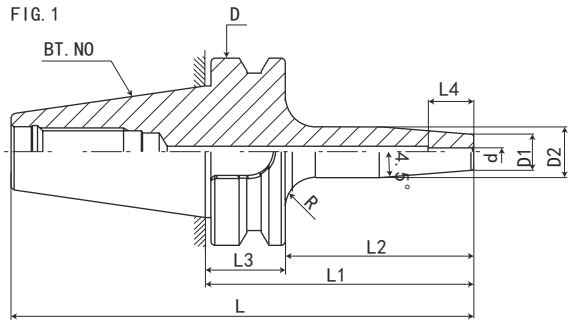
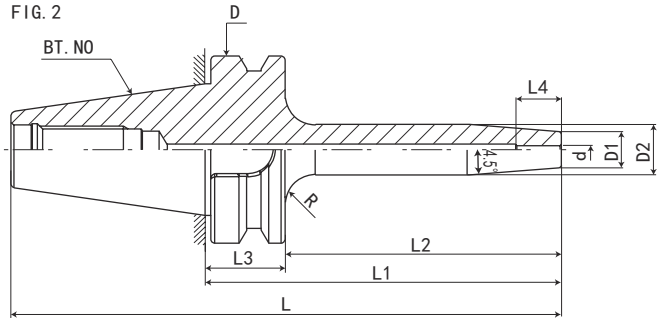


FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
BT30-SF03-80	128.4	80	58	22	12	46	15	20	3	5	1	0.6
BT30-SF04-80	128.4	80	58	22	16	46	15	20	4	5	1	0.6
BT30-SF04-120	168.4	120	98	22	16	46	15	20	4	5	2	0.7
BT30-SF05-80	128.4	80	58	22	18	46	15	20	5	5	1	0.6
BT30-SF05-120	168.4	120	98	22	18	46	15	20	5	5	2	0.7

BT30-SF 热缩刀柄 (4.5 度标准型)

BT30-SF SHRINK FIT TOOL HOLDER (4.5° STANDARD VERSION)



FIG. 1

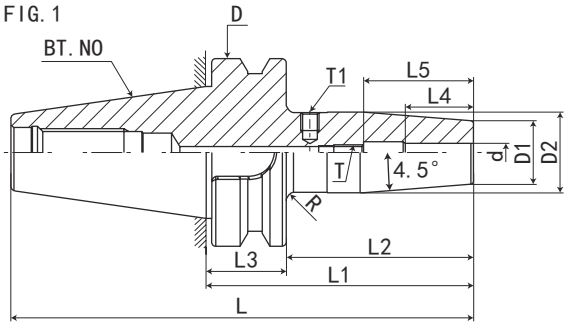
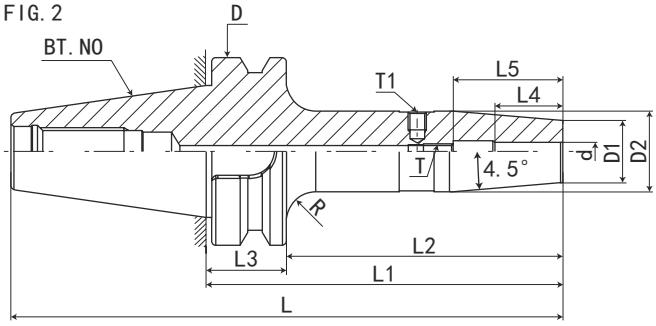




FIG. 2





P.129

规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	T1	R	FIG	重量 KGS
BT30-SF06-80	128.4	80	58	22	26	36	46	21	27	6	M5*0.8P	M6*1.0P	1	1	0.7
BT30-SF06-120	168.4	120	98	22	26	36	46	21	27	6	M5*0.8P	M6*1.0P	5	2	0.9
BT30-SF08-80	128.4	80	58	22	26	36	46	21	27	8	M6*1.0P	M6*1.0P	1	1	0.7
BT30-SF08-120	168.4	120	98	22	26	36	46	21	27	8	M6*1.0P	M6*1.0P	5	2	0.9
BT30-SF10-80	128.4	80	58	22	32	42	46	24	32	10	M8*1.0P	M6*1.0P	1	1	0.8
BT30-SF10-120	168.4	120	98	22	32	42	46	24	32	10	M8*1.0P	M6*1.0P	5	2	1.1
BT30-SF12-80	128.4	80	58	22	37	47	46	24	32	12	M10*1.0P	M6*1.0P	1	1	0.8
BT30-SF12-120	168.4	120	98	22	37	47	46	24	32	12	M10*1.0P	M6*1.0P	5	2	1.1
BT30-SF14-80	128.4	80	58	22	37	47	46	27	34	14	M10*1.0P	M6*1.0P	1	1	0.8
BT30-SF14-120	168.4	120	98	22	37	47	46	27	34	14	M10*1.0P	M6*1.0P	3	2	1.1
BT30-SF16-90	138.4	90	68	22	40	50	46	27	34	16	M12*1.0P	M6*1.0P	1	1	0.8
BT30-SF16-120	168.4	120	98	22	40	50	46	27	34	16	M12*1.0P	M6*1.0P	3	2	1.1
BT30-SF18-90	138.4	90	68	22	40	50	46	33	42	18	M12*1.0P	M6*1.0P	1	1	1
BT30-SF18-120	168.4	120	98	22	40	50	46	33	42	18	M12*1.0P	M6*1.0P	1	2	1.5
BT30-SF20-90	138.4	90	68	22	42	52	46	33	42	20	M16*1.0P	M6*1.0P	1	1	1
BT30-SF20-120	168.4	120	98	22	42	52	46	33	42	20	M16*1.0P	M6*1.0P	1	2	1.5

数控刀柄系列 CNC TOOL SYSTEMS

BT40-SF 热缩刀柄 (4.5 度标准型)　BT40-SF SHRINK FIT TOOL HOLDER (4.5° STANDARD VERSION)







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FIG. 1

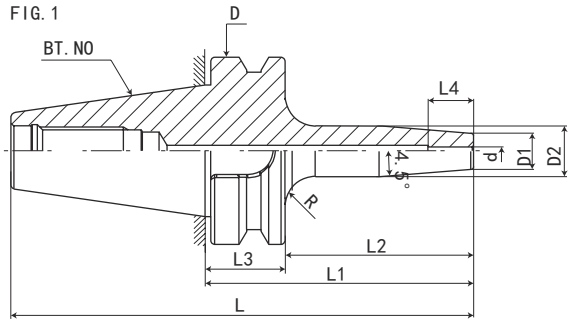
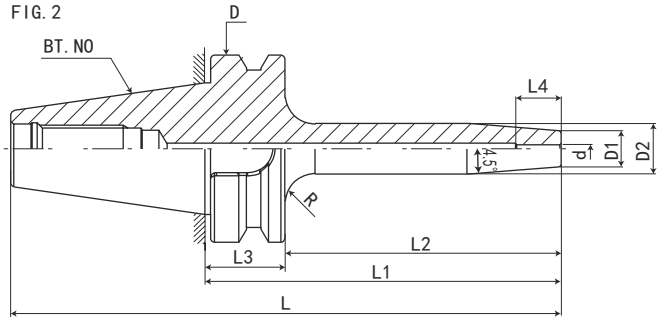


FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
BT40-SF03-90	155.4	90	63	27	12	63	15	20	3	5	1	1.1
BT40-SF03-120	185.4	120	93	27	12	63	15	20	3	5	2	1.2
BT40-SF03-160	225.4	160	133	27	12	63	15	25	3	5	2	1.3
BT40-SF04-90	155.4	90	63	27	16	63	15	20	4	5	1	1.1
BT40-SF04-120	185.4	120	93	27	16	63	15	20	4	5	2	1.2
BT40-SF04-160	225.4	160	133	27	16	63	15	25	4	5	2	1.3
BT40-SF05-90	155.4	90	63	27	18	63	15	20	5	5	1	1.1
BT40-SF05-120	185.4	120	93	27	18	63	15	20	5	5	2	1.2
BT40-SF05-160	225.4	160	133	27	18	63	15	25	5	5	2	1.3

BT40-SF 热缩刀柄 (4.5 度标准型)

BT40-SF SHRINK FIT TOOL HOLDER (4.5° STANDARD VERSION)









P.129

FIG. 1

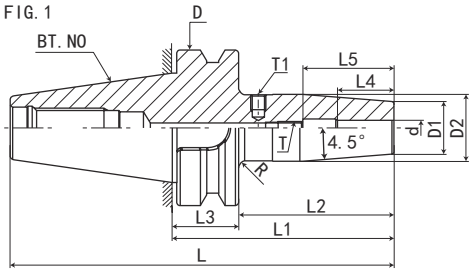


FIG. 2

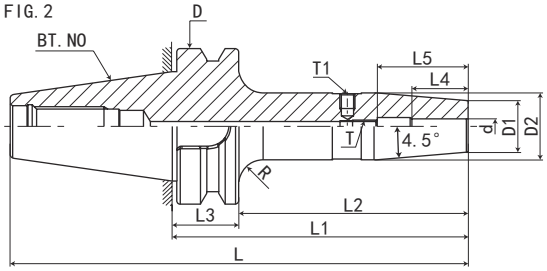
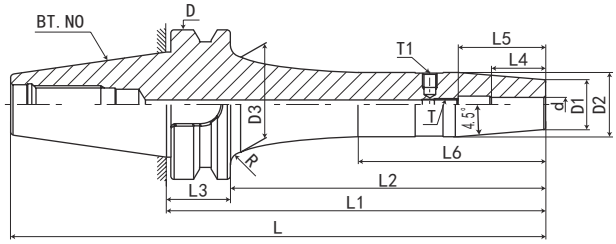


FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
BT40-SF06-90	155.4	90	63	27	26	36	-	63	21	27	-	6	M5*0.8P	M6*1.0P	5	1	1.2
BT40-SF06-120	185.4	120	93	27	26	36	-	63	21	27	-	6	M5*0.8P	M6*1.0P	5	2	1.5
BT40-SF06-160	225.4	160	133	27	26	36	79	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	1.8
BT40-SF06-200	265.4	200	173	27	26	36	119	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	2.2
BT40-SF06-250	315.4	250	223	27	26	36	169	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	2.6
BT40-SF06-300	365.4	300	273	27	26	36	219	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	3.1
BT40-SF08-90	155.4	90	63	27	26	36	-	63	21	27	-	8	M6*1.0P	M6*1.0P	5	1	1.2
BT40-SF08-120	185.4	120	93	27	26	36	-	63	21	27	-	8	M6*1.0P	M6*1.0P	5	2	1.5
BT40-SF08-160	225.4	160	133	27	26	36	79	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	1.8
BT40-SF08-200	265.4	200	173	27	26	36	119	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	2.2
BT40-SF08-250	315.4	250	223	27	26	36	169	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	2.6
BT40-SF08-300	365.4	300	273	27	26	36	219	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	3.1
BT40-SF10-90	155.4	90	63	27	32	42	-	63	24	32	-	10	M8*1.0P	M6*1.0P	3	1	1.3
BT40-SF10-120	185.4	120	93	27	32	42	-	63	24	32	-	10	M8*1.0P	M6*1.0P	10	2	1.6
BT40-SF10-160	225.4	160	133	27	32	42	79	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	1.9
BT40-SF10-200	265.4	200	173	27	32	42	119	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	2.3
BT40-SF10-250	315.4	250	223	27	32	42	169	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	2.7
BT40-SF10-300	365.4	300	273	27	32	42	219	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	3.2
BT40-SF12-90	155.4	90	63	27	37	47	-	63	24	32	-	12	M10*1.0P	M6*1.0P	3	1	1.3
BT40-SF12-120	185.4	120	93	27	37	47	-	63	24	32	-	12	M10*1.0P	M6*1.0P	10	2	1.6
BT40-SF12-160	225.4	160	133	27	37	47	79	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	1.9
BT40-SF12-200	265.4	200	173	27	37	47	119	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	2.3
BT40-SF12-250	315.4	250	223	27	37	47	169	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	2.7
BT40-SF12-300	365.4	300	273	27	37	47	219	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	3.1
BT40-SF14-90	155.4	90	63	27	37	48	-	63	27	34	-	14	M10*1.0P	M6*1.0P	3	1	1.3
BT40-SF14-120	185.4	120	93	27	37	47	-	63	27	34	-	14	M10*1.0P	M6*1.0P	10	2	1.6
BT40-SF14-160	225.4	160	133	27	37	47	78	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	1.9
BT40-SF14-200	265.4	200	173	27	37	47	118	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	2.3
BT40-SF14-250	315.4	250	223	27	37	47	168	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	2.7
BT40-SF14-300	365.4	300	273	27	37	47	218	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	3.1

BT40-SF 热缩刀柄 (4.5 度标准型)　BT40-SF SHRINK FIT TOOL HOLDER (4.5° STANDARD VERSION)









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FIG. 1

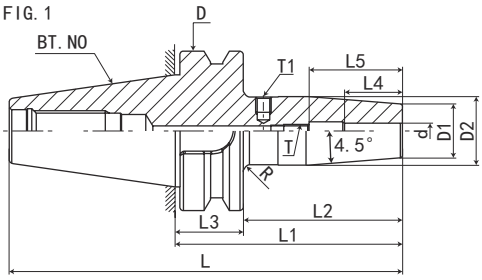


FIG. 2

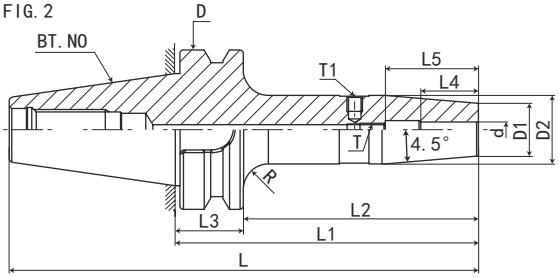
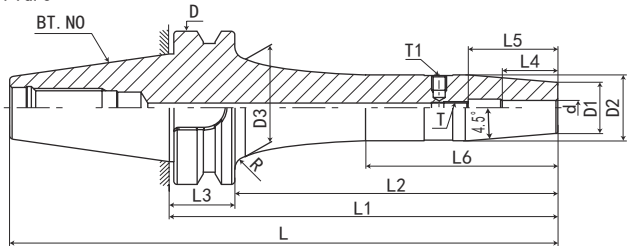


FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
BT40-SF16-90	155.4	90	63	27	40	50	-	63	27	34	-	16	M12*1.0P	M6*1.0P	3	1	1.3
BT40-SF16-120	185.4	120	93	27	40	50	-	63	27	34	-	16	M12*1.0P	M6*1.0P	10	2	1.6
BT40-SF16-160	225.4	160	133	27	40	50	78	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	1.9
BT40-SF16-200	265.4	200	173	27	40	50	118	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	2.3
BT40-SF16-250	315.4	250	223	27	40	50	168	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	2.7
BT40-SF16-300	365.4	300	273	27	40	50	218	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	3.1
BT40-SF18-90	155.4	90	63	27	40	50	-	63	33	41	-	18	M12*1.0P	M6*1.0P	2	1	1.4
BT40-SF18-120	185.4	120	93	27	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	1.8
BT40-SF18-160	225.4	160	133	27	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	2.1
BT40-SF18-200	265.4	200	173	27	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	2.4
BT40-SF18-250	315.4	250	223	27	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	2.8
BT40-SF18-300	365.4	300	273	27	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	3.2
BT40-SF20-90	155.4	90	63	27	42	50	-	63	33	41	-	20	M16*1.0P	M6*1.0P	2	1	1.4
BT40-SF20-120	185.4	120	93	27	42	50	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	1.8
BT40-SF20-160	225.4	160	133	27	42	50	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	2.1
BT40-SF20-200	265.4	200	173	27	42	50	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	2.4
BT40-SF20-250	315.4	250	223	27	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	2.8
BT40-SF20-300	365.4	300	273	27	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	3.2
BT40-SF25-100	155.4	90	63	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	1	2.1
BT40-SF25-120	185.4	120	93	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	2.3
BT40-SF25-160	225.4	160	133	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	2.6
BT40-SF25-200	265.4	200	173	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	3.1
BT40-SF25-250	315.4	250	223	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	3.6
BT40-SF25-300	365.4	300	273	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	4.1
BT40-SF32-100	155.4	90	63	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	1	2.1
BT40-SF32-120	185.4	120	93	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	2.3
BT40-SF32-160	225.4	160	133	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	2.6
BT40-SF32-200	265.4	200	173	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	3.1
BT40-SF32-250	315.4	250	223	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	3.6
BT40-SF32-300	365.4	300	273	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	4.1

BT50-SF 热缩刀柄 (4.5 度标准型)

BT50-SF SHRINK FIT TOOL HOLDER (4.5° STANDARD VERSION)







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FIG. 1

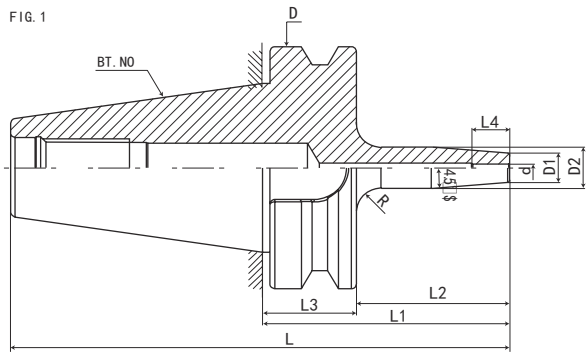
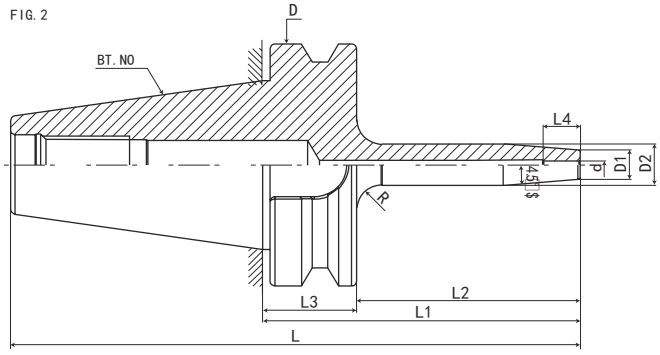


FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
BT50-SF03-100	201.8	100	62	38	12	100	15	20	3	10	1	3.7
BT50-SF03-120	221.8	120	82	38	12	100	15	20	3	10	2	3.9
BT50-SF03-160	261.8	160	122	38	12	100	15	25	3	10	2	4.2
BT50-SF04-100	201.8	100	62	38	16	100	15	20	4	10	1	3.7
BT50-SF04-120	221.8	120	82	38	16	100	15	20	4	10	2	3.9
BT50-SF04-160	261.8	160	122	38	16	100	15	25	4	10	2	4.2
BT50-SF05-100	201.8	100	62	38	18	100	15	20	5	10	1	3.7
BT50-SF05-120	221.8	120	82	38	18	100	15	20	5	10	2	3.9
BT50-SF05-160	261.8	160	122	38	18	100	15	25	5	10	2	4.2

数控刀柄系列 CNC TOOL SYSTEMS

BT50-SF 热缩刀柄 (4.5 度标准型)　BT50-SF SHRINK FIT TOOL HOLDER (4.5° STANDARD VERSION)









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FIG. 1

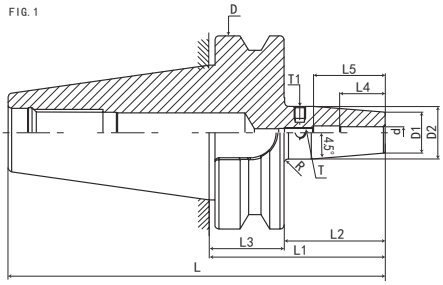


FIG. 2

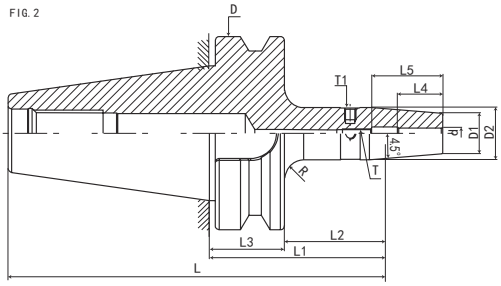
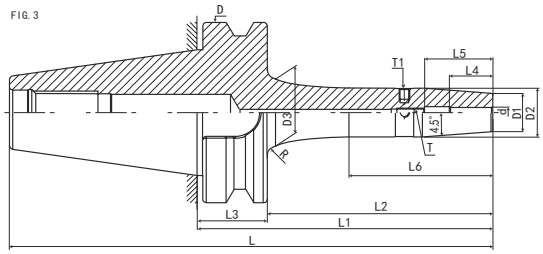


FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
BT50-SF06-100	201.8	100	62	38	26	36	-	100	21	27	-	6	M5*0.8P	M6*1.0P	2	1	3.7
BT50-SF06-120	221.8	120	82	38	26	36	-	100	21	27	-	6	M5*0.8P	M6*1.0P	12	2	3.9
BT50-SF06-160	2618	160	122	38	26	36	58	100	21	27	39	6	M5*0.8P	M6*1.0P	12	3	4.2
BT50-SF06-200	301.8	200	162	38	26	36	92	100	21	27	42	6	M5*0.8P	M6*1.0P	12	3	5.8
BT50-SF06-250	351.8	250	212	38	26	36	142	100	21	27	42	6	M5*0.8P	M6*1.0P	12	3	7.4
BT50-SF06-300	401.8	300	262	38	26	36	192	100	21	27	42	6	M5*0.8P	M6*1.0P	12	3	8.9
BT50-SF08-100	201.8	100	62	38	26	36	-	100	21	27	-	8	M6*1.0P	M6*1.0P	2	1	3.8
BT50-SF08-120	221.8	120	82	38	26	36	-	100	21	27	-	8	M6*1.0P	M6*1.0P	12	2	3.9
BT50-SF08-160	2618	160	122	38	26	36	58	100	21	27	39	8	M6*1.0P	M6*1.0P	12	3	4.2
BT50-SF08-200	301.8	200	162	38	26	36	92	100	21	27	42	8	M6*1.0P	M6*1.0P	12	3	5.8
BT50-SF08-250	351.8	250	212	38	26	36	142	100	21	27	42	8	M6*1.0P	M6*1.0P	12	3	7.4
BT50-SF08-300	401.8	300	262	38	26	36	192	100	21	27	42	6	M5*0.8P	M6*1.0P	12	3	8.9
BT50-SF10-100	201.8	100	62	38	32	42	-	100	24	32	-	10	M8*1.0P	M6*1.0P	2	1	3.9
BT50-SF10-120	221.8	120	82	38	32	42	-	100	24	32	-	10	M8*1.0P	M6*1.0P	10	2	4.1
BT50-SF10-160	2618	160	122	38	32	42	72	100	24	32	38	10	M8*1.0P	M6*1.0P	15	3	4.3
BT50-SF10-200	301.8	200	162	38	32	42	107	100	24	32	39	10	M8*1.0P	M6*1.0P	15	3	5.9
BT50-SF10-250	351.8	250	212	38	32	42	127	100	24	32	39	10	M8*1.0P	M6*1.0P	15	3	7.5
BT50-SF10-300	401.8	300	262	38	32	42	207	100	21	27	39	10	M5*0.8P	M6*1.0P	15	3	8.9
BT50-SF12-100	201.8	100	62	38	37	47	-	100	24	32	-	12	M10*1.0P	M6*1.0P	2	1	3.9
BT50-SF12-120	221.8	120	82	38	37	47	-	100	24	32	-	12	M10*1.0P	M6*1.0P	10	2	4.1
BT50-SF12-160	2618	160	122	38	37	47	72	100	24	32	38	12	M10*1.0P	M6*1.0P	15	3	4.3
BT50-SF12-200	301.8	200	162	38	37	47	107	100	24	32	39	12	M10*1.0P	M6*1.0P	15	3	5.9
BT50-SF12-250	351.8	250	212	38	37	47	157	100	24	32	39	12	M10*1.0P	M6*1.0P	15	3	7.5
BT50-SF12-300	401.8	300	262	38	37	47	207	100	24	32	39	12	M10*1.0P	M6*1.0P	15	3	9.1
BT50-SF14-100	201.8	100	62	38	37	47	-	100	27	34	-	14	M10*1.0P	M6*1.0P	4	1	3.9
BT50-SF14-120	221.8	120	82	38	37	47	-	100	27	34	-	14	M10*1.0P	M6*1.0P	10	2	4.1
BT50-SF14-160	2618	160	122	38	37	47	67	100	27	34	41	14	M10*1.0P	M6*1.0P	15	3	4.3
BT50-SF14-200	301.8	200	162	38	37	47	107	100	27	34	41	14	M10*1.0P	M6*1.0P	15	3	5.9
BT50-SF14-250	351.8	250	212	38	37	47	157	100	27	34	41	14	M10*1.0P	M6*1.0P	15	3	7.5
BT50-SF14-300	401.8	300	262	38	26	36	207	100	27	34	41	14	M10*1.0P	M6*1.0P	15	3	9.1

BT50-SF 热缩刀柄 (4.5 度标准型)

BT50-SF SHRINK FIT TOOL HOLDER (4.5° STANDARD VERSION)









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FIG. 1

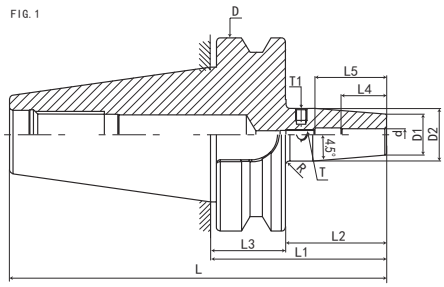


FIG. 2

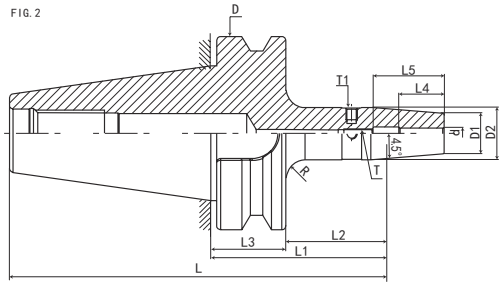
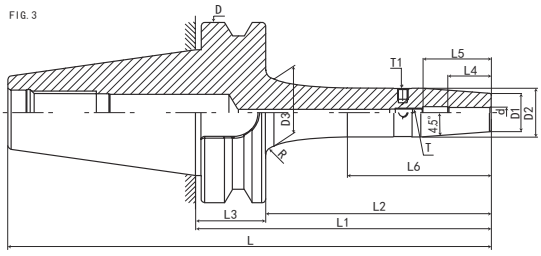


FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
BT50-SF16-100	201.8	100	62	38	40	50	-	100	27	34	-	16	M12*1.0P	M6*1.0P	4	1	3.9
BT50-SF16-120	221.8	120	82	38	40	50	-	100	27	34	-	16	M12*1.0P	M6*1.0P	10	2	4.1
BT50-SF16-160	2618	160	122	38	40	50	67	100	27	34	41	16	M12*1.0P	M6*1.0P	15	3	4.3
BT50-SF16-200	301.8	200	162	38	40	50	107	100	27	34	41	16	M12*1.0P	M6*1.0P	15	3	5.9
BT50-SF16-250	351.8	250	212	38	40	50	157	100	27	34	41	16	M12*1.0P	M6*1.0P	15	3	7.5
BT50-SF16-300	401.8	300	262	38	40	50	207	100	27	34	41	16	M5*0.8P	M6*1.0P	15	3	9.1
BT50-SF18-100	201.8	100	62	38	40	50	-	100	33	42	-	18	M12*1.0P	M6*1.0P	3	1	4.1
BT50-SF18-120	221.8	120	82	38	40	50	-	100	33	42	-	18	M12*1.0P	M6*1.0P	4	2	4.2
BT50-SF18-160	2618	160	122	38	40	50	77	100	33	42	47	18	M12*1.0P	M6*1.0P	12	3	4.4
BT50-SF18-200	301.8	200	162	38	40	50	107	100	33	42	50	18	M12*1.0P	M6*1.0P	12	3	6.1
BT50-SF18-250	351.8	250	212	38	40	50	157	100	33	42	50	18	M12*1.0P	M6*1.0P	12	3	7.8
BT50-SF18-300	401.8	300	262	38	40	50	207	100	27	34	50	18	M5*0.8P	M6*1.0P	12	3	9.4
BT50-SF20-100	201.8	100	62	38	42	52	-	100	33	42	-	20	M16*1.0P	M6*1.0P	3	1	4.1
BT50-SF20-120	221.8	120	82	38	42	52	-	100	33	42	-	20	M16*1.0P	M6*1.0P	4	2	4.2
BT50-SF20-160	2618	160	122	38	42	52	77	100	33	42	47	20	M16*1.0P	M6*1.0P	12	3	4.4
BT50-SF20-200	301.8	200	162	38	42	52	107	100	33	42	50	20	M16*1.0P	M6*1.0P	12	3	6.1
BT50-SF20-250	351.8	250	212	38	42	52	157	100	33	42	50	20	M16*1.0P	M6*1.0P	12	3	7.8
BT50-SF20-300	401.8	300	262	38	42	52	207	100	33	42	50	18	M5*0.8P	M6*1.0P	12	3	9.4
BT50-SF25-110	211.8	110	72	38	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	1	1	4.5
BT50-SF25-120	221.8	120	82	38	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	3	2	4.7
BT50-SF25-160	2618	160	122	38	48	58	79	100	44	53	57	25	M16*1.0P	M6*1.0P	8	3	5.1
BT50-SF25-200	301.8	200	162	38	48	58	107	100	44	53	61	25	M16*1.0P	M6*1.0P	8	3	6.1
BT50-SF25-250	351.8	250	212	38	48	58	157	100	44	53	61	25	M16*1.0P	M6*1.0P	8	3	7.8
BT50-SF25-300	401.8	300	262	38	48	58	207	100	44	53	61	25	M16*1.0P	M6*1.0P	8	3	9.7
BT50-SF32-110	211.8	110	72	38	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	1	1	4.5
BT50-SF32-120	221.8	120	82	38	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	3	2	4.7
BT50-SF32-160	2618	160	122	38	52	62	79	100	44	53	57	32	M16*1.0P	M6*1.0P	8	3	5.1
BT50-SF32-200	301.8	200	162	38	52	62	107	100	44	53	61	32	M16*1.0P	M6*1.0P	8	3	6.1
BT50-SF32-250	351.8	250	212	38	52	62	157	100	44	53	61	32	M16*1.0P	M6*1.0P	8	3	7.8
BT50-SF32-300	401.8	300	262	38	52	62	207	100	44	53	61	32	M16*1.0P	M6*1.0P	8	3	9.7

BT30-SFS 热缩刀柄（3 度细长型） BT30-SFS SHRINK CHUCK（3° C SLENDER TYPE）







P.129

FIG. 1

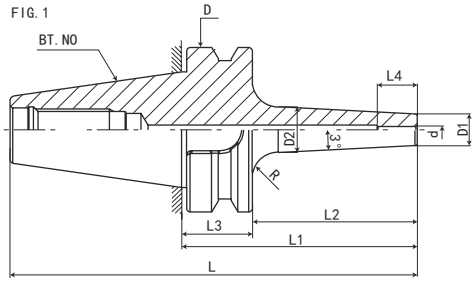
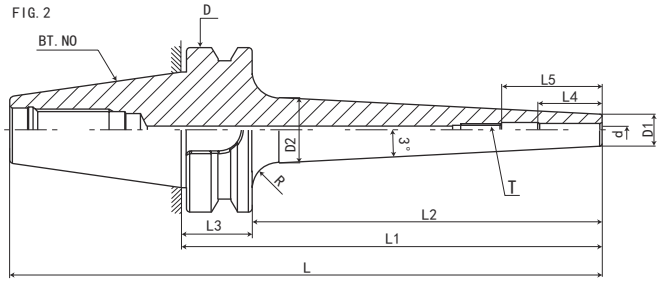


FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R 大圆弧	FIG	重量 KGS
BT30-SFS03-80	128.4	80	58	22	12	-	46	7	13	3	-	5	1	0.6
BT30-SFS03-120	168.4	120	98	22	12	-	46	7	17	3	-	5	2	0.9
BT30-SFS04-80	128.4	80	58	22	16	-	46	8	14	4	-	5	1	0.6
BT30-SFS04-120	168.4	120	98	22	16	-	46	8	18	4	-	5	2	0.9
BT30-SFS05-80	128.4	80	58	22	18	-	46	9	15	5	-	5	1	0.6
BT30-SFS05-120	168.4	120	98	22	18	-	46	9	19	5	-	5	2	0.9
BT30-SFS06-80	128.4	80	58	22	26	36	46	10	16	6	M5*0.8P	5	1	0.7
BT30-SFS06-120	168.4	120	98	22	26	36	46	10	20	6	M5*0.8P	5	2	1
BT30-SFS08-80	128.4	80	58	22	26	36	46	12	16	8	M6*1.0P	5	1	0.7
BT30-SFS08-120	168.4	120	98	22	26	36	46	12	20	8	M6*1.0P	5	2	1
BT30-SFS10-80	128.4	80	58	22	32	42	46	14	16	10	M8*1.0P	5	1	0.8
BT30-SFS10-120	168.4	120	98	22	32	42	46	14	20	10	M8*1.0P	5	2	1.1
BT30-SFS12-80	128.4	80	58	22	37	47	46	16	22	12	M10*1.0P	5	1	0.8
BT30-SFS12-120	168.4	120	98	22	37	47	46	16	26	12	M10*1.0P	5	2	1.1
BT30-SFS14-80	128.4	80	58	22	37	47	46	18	24	14	M10*1.0P	5	1	1
BT30-SFS14-120	168.4	120	98	22	37	47	46	18	28	14	M10*1.0P	5	2	1.2
BT30-SFS16-80	128.4	80	58	22	40	50	46	22	28	16	M12*1.0P	5	1	1
BT30-SFS16-120	168.4	120	98	22	40	50	46	22	31	16	M12*1.0P	5	2	1.2

BT40-SFS热缩刀柄(3度细长型) BT40-SFS SHRINK CHUCK (3° C SLENDER TYPE)







P.129

FIG. 1

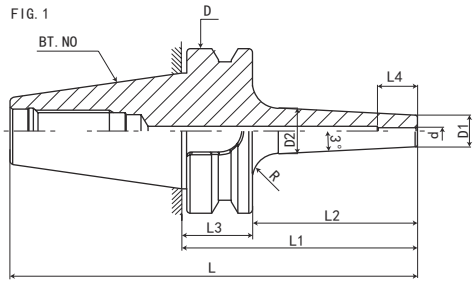
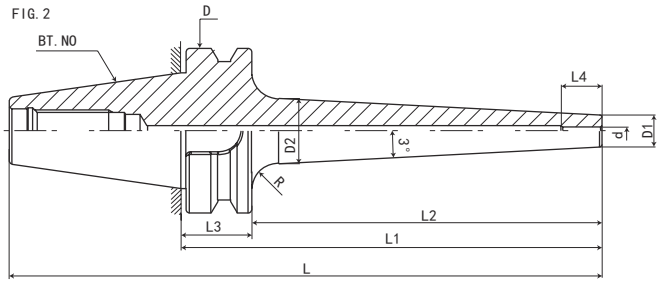


FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R 大圆弧	FIG	重量 KGS
BT40-SFS03-90	155.4	90	63	27	12	63	9	15	3	10	1	1
BT40-SFS03-120	185.4	120	93	27	12	63	9	16	3	10	2	1.1
BT40-SFS03-160	225.4	160	133	27	12	63	9	19	3	10	2	1.2
BT40-SFS03-200	265.4	200	173	27	12	63	9	22	3	10	2	1.2
BT40-SFS04-90	155.4	90	63	27	16	63	10	16	4	10	1	1
BT40-SFS04-120	185.4	120	93	27	16	63	10	17	4	10	2	1.1
BT40-SFS04-160	225.4	160	133	27	16	63	10	20	4	10	2	1.2
BT40-SFS04-200	265.4	200	173	27	16	63	10	23	4	10	2	1.3
BT40-SFS05-90	155.4	90	63	27	18	63	11	17	5	10	1	1.1
BT40-SFS05-120	185.4	120	93	27	18	63	11	18	5	10	2	1.1
BT40-SFS05-160	225.4	160	133	27	18	63	11	21	5	10	2	1.2
BT40-SFS05-200	265.4	200	173	27	18	63	11	24	5	10	2	1.3

BT40-SFS热缩刀柄(3度细长型) BT40-SFS SHRINK CHUCK (3° C SLENDER TYPE)







P.129

FIG. 1

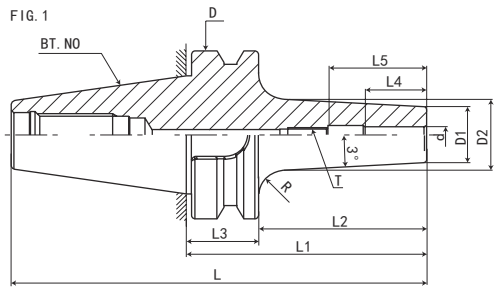
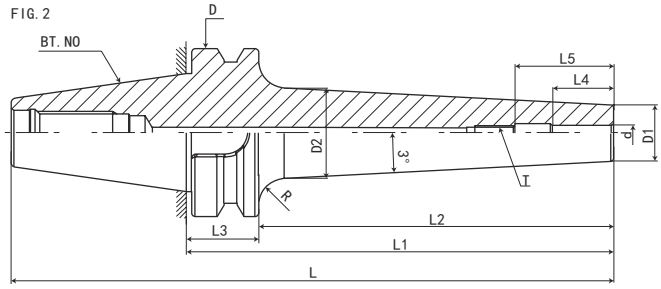


FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R 大圆弧	FIG	重量 KGS
BT40-SFS06-90	155.4	90	63	27	26	36	63	12	18	6	M5*0.8P	10	1	1.1
BT40-SFS06-120	185.4	120	93	27	26	36	63	12	21	6	M5*0.8P	10	2	1.1
BT40-SFS06-160	225.4	160	133	27	26	36	63	12	24	6	M5*0.8P	10	2	1.2
BT40-SFS06-200	265.4	200	173	27	26	36	63	12	27	6	M5*0.8P	10	2	1.3
BT40-SFS06-250	315.4	250	223	27	26	36	63	12		6	M5*0.8P	10	2	1.4
BT40-SFS08-90	155.4	90	63	27	26	36	63	14	20	8	M6*1.0P	10	1	1.1
BT40-SFS08-120	185.4	120	93	27	26	36	63	14	23	8	M6*1.0P	10	2	1.2
BT40-SFS08-160	225.4	160	133	27	26	36	63	14	26	8	M6*1.0P	10	2	1.3
BT40-SFS08-200	265.4	200	173	27	26	36	63	14	29	8	M6*1.0P	10	2	1.4
BT40-SFS08-250	315.4	250	223	27	26	36	63	14		8	M6*1.0P	10	2	1.5
BT40-SFS10-90	155.4	90	63	27	32	42	63	16	22	10	M8*1.0P	10	1	1.1
BT40-SFS10-120	185.4	120	93	27	32	42	63	16	25	10	M8*1.0P	10	2	1.2
BT40-SFS10-160	225.4	160	133	27	32	42	63	16	28	10	M8*1.0P	10	2	1.3
BT40-SFS10-200	265.4	200	173	27	32	42	63	16	31	10	M8*1.0P	10	2	1.5
BT40-SFS10-250	315.4	250	223	27	32	42	63	16		10	M8*1.0P	10	2	1.7
BT40-SFS12-90	155.4	90	63	27	37	47	63	18	24	12	M10*1.0P	10	1	1.1
BT40-SFS12-120	185.4	120	93	27	37	47	63	18	27	12	M10*1.0P	10	2	1.2
BT40-SFS12-160	225.4	160	133	27	37	47	63	18	30	12	M10*1.0P	10	2	1.4
BT40-SFS12-200	265.4	200	173	27	37	47	63	18	33	12	M10*1.0P	10	2	1.6
BT40-SFS12-250	315.4	250	223	27	37	47	63	18		12	M10*1.0P	10	2	1.8
BT40-SFS14-90	155.4	90	63	27	37	47	63	20	26	14	M10*1.0P	10	1	1.1
BT40-SFS14-120	185.4	120	93	27	37	47	63	20	29	14	M10*1.0P	10	2	1.3
BT40-SFS14-160	225.4	160	133	27	37	47	63	20	32	14	M10*1.0P	10	2	1.5
BT40-SFS14-200	265.4	200	173	27	37	47	63	20	35	14	M10*1.0P	10	2	1.7
BT40-SFS14-250	315.4	250	223	27	37	47	63	20		14	M10*1.0P	10	2	1.9
BT40-SFS16-90	155.4	90	63	27	40	50	63	22	28	16	M12*1.0P	10	1	1.2
BT40-SFS16-120	185.4	120	93	27	40	50	63	22	31	16	M12*1.0P	10	2	1.3
BT40-SFS16-160	225.4	160	133	27	40	50	63	22	34	16	M12*1.0P	10	2	1.5
BT40-SFS16-200	265.4	200	173	27	40	50	63	22	37	16	M12*1.0P	10	2	1.8
BT40-SFS16-250	315.4	250	223	27	40	50	63	22		16	M12*1.0P	10	2	2
BT40-SFS18-90	155.4	90	63	27	40	50	63	24	30	18	M12*1.0P	10	1	1.2
BT40-SFS18-120	185.4	120	93	27	40	50	63	24	33	18	M12*1.0P	10	2	1.3
BT40-SFS18-160	225.4	160	133	27	40	50	63	24	36	18	M12*1.0P	10	2	1.6
BT40-SFS18-200	265.4	200	173	27	40	50	63	24	39	18	M12*1.0P	10	2	1.9
BT40-SFS18-250	315.4	250	223	27	40	50	63	24		18	M12*1.0P	10	2	2.1
BT40-SFS20-90	155.4	90	63	27	42	52	63	26	32	20	M16*1.0P	10	1	1.2
BT40-SFS18-120	185.4	120	93	27	42	52	63	26	35	20	M16*1.0P	10	2	1.3
BT40-SFS18-160	225.4	160	133	27	42	52	63	26	38	20	M16*1.0P	10	2	1.7
BT40-SFS18-200	265.4	200	173	27	42	52	63	26	41	20	M16*1.0P	10	2	2
BT40-SFS18-250	315.4	250	223	27	42	52	63	26		20	M16*1.0P	10	2	2.2

BT50-SFS热缩刀柄(3度细长型) BT50-SFS SHRINK CHUCK (3° C SLENDER TYPE)







P.129

FIG. 1

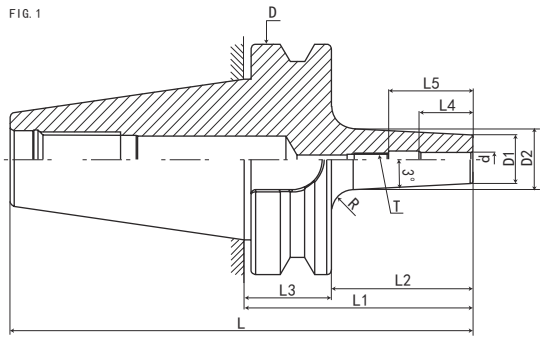
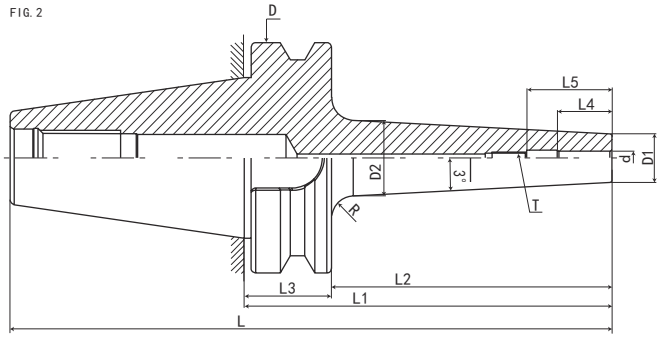


FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R 大圆弧	FIG	重量 KGS
BT50-SFS06-100	201.8	100	62	38	26	36	100	12	18	6	M5*0.8P	10	1	3.8
BT50-SFS06-120	221.8	120	82	38	26	36	100	12	20	6	M5*0.8P	10	1	3.9
BT50-SFS06-160	162.8	160	122	38	26	36	100	12	24	6	M5*0.8P	10	2	4.2
BT50-SFS06-200	301.8	200	162	38	26	36	100	12	28	6	M5*0.8P	10	2	5.8
BT50-SFS06-250	351.8	250	212	38	26	36	100	12		6	M5*0.8P	10	2	7.2
BT50-SFS08-100	201.8	100	62	38	26	36	100	14	20	8	M6*1.0P	10	1	3.8
BT50-SFS08-120	221.8	120	82	38	26	36	100	14	22	8	M6*1.0P	10	1	3.9
BT50-SFS08-160	162.8	160	122	38	26	36	100	14	26	8	M6*1.0P	10	2	4.2
BT50-SFS08-200	301.8	200	162	38	26	36	100	14	30	8	M6*1.0P	10	2	5.8
BT50-SFS08-250	351.8	250	212	38	26	36	100	14		8	M6*1.0P	10	2	7.2
BT50-SFS10-100	201.8	100	62	38	32	42	100	16	22	10	M8*1.0P	10	1	3.9
BT50-SFS10-120	221.8	120	82	38	32	42	100	16	24	10	M8*1.0P	10	1	4.1
BT50-SFS10-160	162.8	160	122	38	32	42	100	16	28	10	M8*1.0P	10	2	4.3
BT50-SFS10-200	301.8	200	162	38	32	42	100	16	32	10	M8*1.0P	10	2	5.9
BT50-SFS10-250	351.8	250	212	38	32	42	100	16		10	M8*1.0P	10	2	7.6
BT50-SFS12-100	201.8	100	62	38	37	47	100	18	24	12	M10*1.0P	10	1	3.9
BT50-SFS12-120	221.8	120	82	38	37	47	100	18	26	12	M10*1.0P	10	1	4.1
BT50-SFS12-160	162.8	160	122	38	37	47	100	18	30	12	M10*1.0P	10	2	4.3
BT50-SFS12-200	301.8	200	162	38	37	47	100	18	34	12	M10*1.0P	10	2	5.9
BT50-SFS12-250	351.8	250	212	38	37	47	100	18		12	M10*1.0P	10	2	7.6

BT50-SFS 热缩刀柄（3 度细长型） BT50-SFS SHRINK CHUCK（3° C SLENDER TYPE）







P.129

FIG. 1

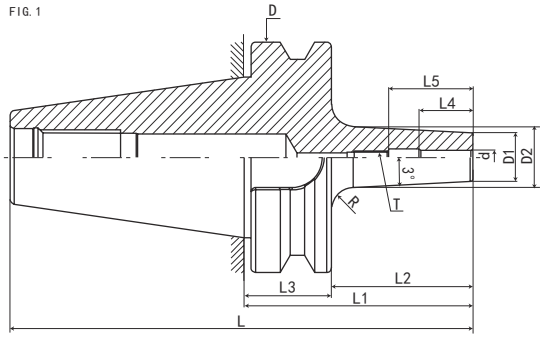
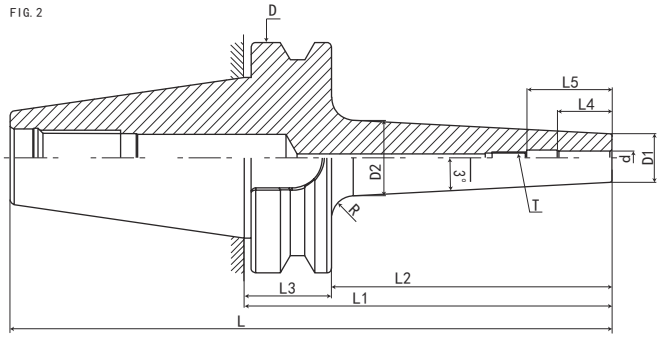


FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R 大圆弧	FIG	重量 KGS
BT50-SFS14-100	201.8	100	62	38	37	47	100	20	26	14	M10*1.0P	10	1	3.9
BT50-SFS14-120	221.8	120	82	38	37	47	100	20	28	14	M10*1.0P	10	1	4.1
BT50-SFS14-160	162.8	160	122	38	37	47	100	20	32	14	M10*1.0P	10	2	4.3
BT50-SFS14-200	301.8	200	162	38	37	47	100	20	36	14	M10*1.0P	10	2	5.9
BT50-SFS14-250	351.8	250	212	38	37	47	100	20		14	M10*1.0P	10	2	7.6
BT50-SFS16-100	201.8	100	62	38	40	50	100	22	28	16	M12*1.0P	10	1	4
BT50-SFS16-120	221.8	120	82	38	40	50	100	22	30	16	M12*1.0P	10	1	4.2
BT50-SFS16-160	162.8	160	122	38	40	50	100	22	34	16	M12*1.0P	10	2	4.4
BT50-SFS16-200	301.8	200	162	38	40	50	100	22	38	16	M12*1.0P	10	2	6
BT50-SFS16-250	351.8	250	212	38	40	50	100	22		16	M12*1.0P	10	2	7.7
BT50-SFS18-100	201.8	100	62	38	40	50	100	24	30	18	M12*1.0P	10	1	4
BT50-SFS18-120	221.8	120	82	38	40	50	100	24	32	18	M12*1.0P	10	1	4.2
BT50-SFS18-160	162.8	160	122	38	40	50	100	24	36	18	M12*1.0P	10	2	4.4
BT50-SFS18-200	301.8	200	162	38	40	50	100	24	40	18	M12*1.0P	10	2	6
BT50-SFS18-250	351.8	250	212	38	40	50	100	24		18	M12*1.0P	10	2	7.7
BT50-SFS20-100	201.8	100	62	38	42	52	100	26	32	20	M16*1.0P	10	1	4.1
BT50-SFS20-120	221.8	120	82	38	42	52	100	26	34	20	M16*1.0P	10	1	4.3
BT50-SFS20-160	162.8	160	122	38	42	52	100	26	38	20	M16*1.0P	10	2	4.4
BT50-SFS20-200	301.8	200	162	38	42	52	100	26	42	20	M16*1.0P	10	2	6.1
BT50-SFS20-250	351.8	250	212	38	42	52	100	26		20	M16*1.0P	10	2	7.8

BT30-SFK热缩刀柄(4.5°通水型)

BT30-SFK SHRINK CHUCK (4.5° SHRINK-FIT COOLANT TYPE)



FIG. 1

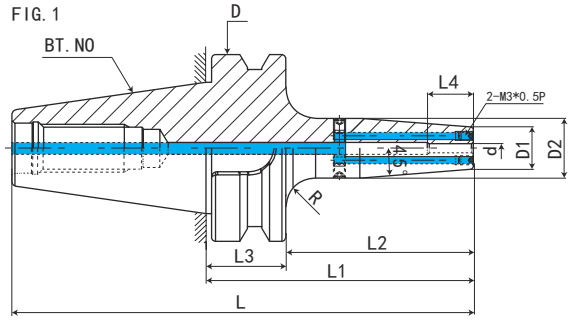
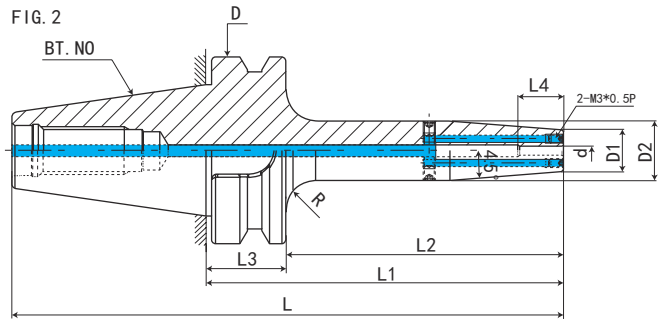




FIG. 2



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规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
BT30-SF03-80K	128.4	80	58	22	12	46	15	20	3	5	1	0.6
BT30-SF03-120K	168.4	120	98	22	12	46	15	20	3	5	2	0.9
BT30-SF04-80K	128.4	80	58	22	16	46	15	20	4	5	1	0.6
BT30-SF04-120K	168.4	120	98	22	16	46	15	20	4	5	2	0.9
BT30-SF05-80K	128.4	80	58	22	18	46	15	20	5	5	1	0.6
BT30-SF05-120K	168.4	120	98	22	18	46	15	20	5	5	2	0.9

BT30-SFK热缩刀柄(4.5°通水型) BT30-SFK SHRINK CHUCK (4.5° SHRINK-FIT COOLANT TYPE)







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FIG. 1

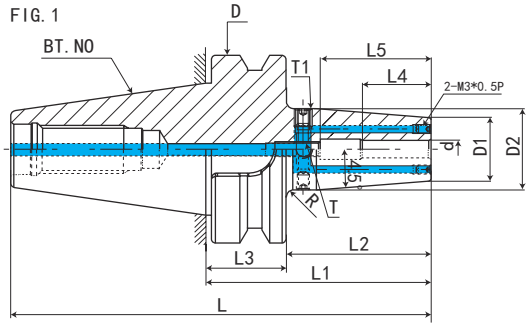
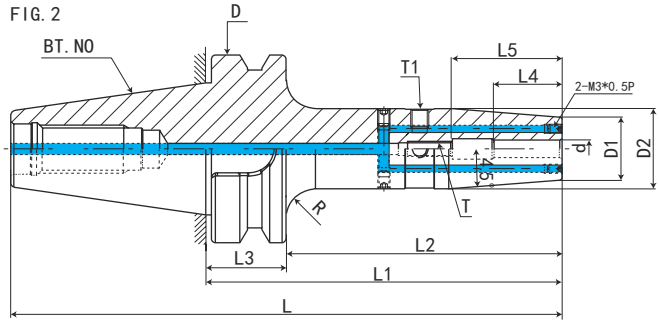


FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	T1	R	FIG	重量 KGS
BT30-SF06-80K	128.4	80	58	22	26	36	46	21	27	6	M5*0.8P	M6*1.0P	3	1	0.7
BT30-SF06-120K	168.4	120	98	22	26	36	46	21	27	6	M5*0.8P	M6*1.0P	5	2	1
BT30-SF08-80K	128.4	80	58	22	26	36	46	21	27	8	M6*1.0P	M6*1.0P	3	1	0.7
BT30-SF08-120K	168.4	120	98	22	26	36	46	21	27	8	M6*1.0P	M6*1.0P	5	2	1
BT30-SF10-80K	128.4	80	58	22	32	42	46	24	32	10	M8*1.0P	M6*1.0P	1	1	0.8
BT30-SF10-120K	168.4	120	98	22	32	42	46	24	32	10	M8*1.0P	M6*1.0P	4	2	1.1
BT30-SF12-80K	128.4	80	58	22	37	47	46	24	32	12	M10*1.0P	M6*1.0P	1	1	0.8
BT30-SF12-120K	168.4	120	98	22	37	47	46	24	32	12	M10*1.0P	M6*1.0P	4	2	1.1
BT30-SF14-80K	128.4	80	58	22	37	47	46	27	34	14	M10*1.0P	M6*1.0P	1	1	0.8
BT30-SF14-120K	168.4	120	98	22	37	47	46	27	34	14	M10*1.0P	M6*1.0P	3	2	1.1
BT30-SF16-80K	128.4	80	58	22	40	50	46	27	34	16	M12*1.0P	M6*1.0P	1	1	0.8
BT30-SF16-120K	168.4	120	98	22	40	50	46	27	34	16	M12*1.0P	M6*1.0P	3	2	1.1
BT30-SF18-90K	138.4	90	68	22	40	50	46	33	42	18	M12*1.0P	M6*1.0P	1	1	0.9
BT30-SF18-120K	168.4	120	98	22	40	50	46	33	42	18	M12*1.0P	M6*1.0P	1	2	1.2
BT30-SF20-90K	138.4	90	68	22	42	52	46	33	42	20	M16*1.0P	M6*1.0P	1	1	0.9
BT30-SF20-120K	168.4	120	98	22	42	52	46	33	42	20	M16*1.0P	M6*1.0P	1	2	1.2

BT40-SFK热缩刀柄(4.5°通水型)

BT40-SFK SHRINK CHUCK (4.5° SHRINK-FIT COOLANT TYPE)



FIG.1

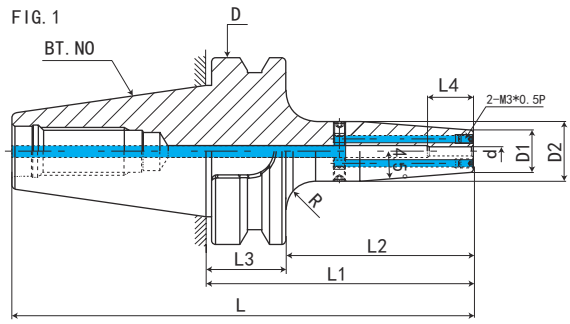
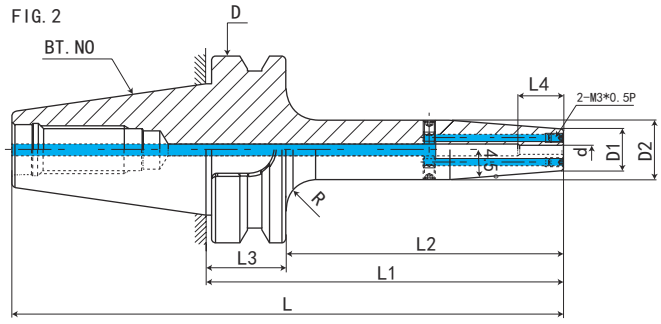




FIG.2





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规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
BT40-SF03-90K	155.4	90	63	27	12	63	15	20	3	5	1	1.1
BT40-SF03-120K	185.4	120	93	27	12	63	15	20	3	5	2	1.2
BT40-SF03-160K	225.4	160	133	27	12	63	15	25	3	5	2	1.3
BT40-SF04-90K	155.4	90	63	27	16	63	15	20	4	5	1	1.1
BT40-SF04-120K	185.4	120	93	27	16	63	15	20	4	5	2	1.2
BT40-SF04-160K	225.4	160	133	27	16	63	15	25	4	5	2	1.3
BT40-SF05-90K	155.4	90	63	27	18	63	15	20	5	5	1	1.1
BT40-SF05-120K	185.4	120	93	27	18	63	15	20	5	5	2	1.2
BT40-SF05-160K	225.4	160	133	27	18	63	15	25	5	5	2	1.3

BT40-SFK热缩刀柄(4.5°通水型) BT40-SFK SHRINK CHUCK (4.5° SHRINK-FIT COOLANT TYPE)







FIG. 1

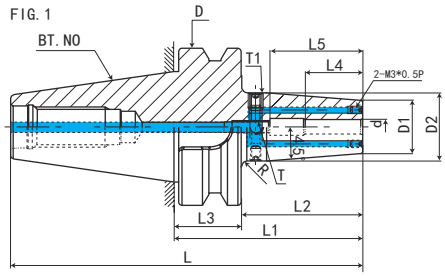


FIG. 2

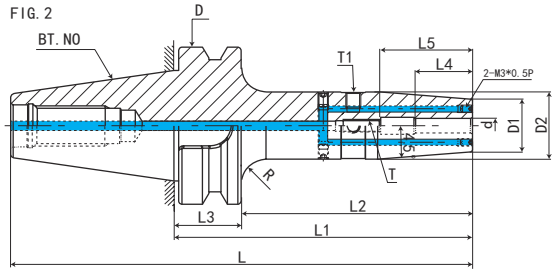
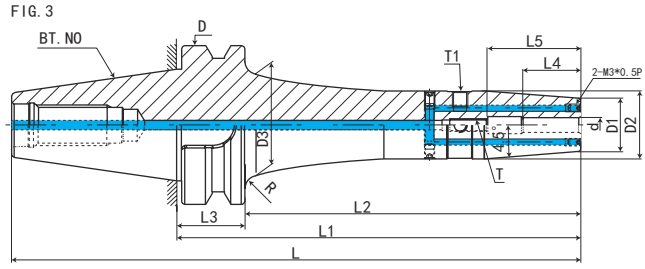


FIG. 3





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规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
BT40-SF06-90K	155.4	90	63	27	26	36	-	63	21	27	-	6	M5*0.8P	M6*1.0P	5	1	1.2
BT40-SF06-120K	185.4	120	93	27	26	36	-	63	21	27	-	6	M5*0.8P	M6*1.0P	5	2	1.5
BT40-SF06-160K	225.4	160	133	27	26	36	79	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	1.8
BT40-SF06-200K	265.4	200	173	27	26	36	119	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	2.2
BT40-SF06-250K	315.4	250	223	27	26	36	169	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	2.6
BT40-SF06-300K	365.4	300	273	27	26	36	219	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	3.1
BT40-SF08-90K	155.4	90	63	27	26	36	-	63	21	27	-	8	M6*1.0P	M6*1.0P	5	1	1.2
BT40-SF08-120K	185.4	120	93	27	26	36	-	63	21	27	-	8	M6*1.0P	M6*1.0P	5	2	1.5
BT40-SF08-160K	225.4	160	133	27	26	36	79	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	1.8
BT40-SF08-200K	265.4	200	173	27	26	36	119	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	2.2
BT40-SF08-250K	315.4	250	223	27	26	36	169	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	2.6
BT40-SF08-300K	365.4	300	273	27	26	36	219	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	3.1
BT40-SF10-90K	155.4	90	63	27	32	42	-	63	24	32	-	10	M8*1.0P	M6*1.0P	3	1	1.3
BT40-SF10-120K	185.4	120	93	27	32	42	-	63	24	32	-	10	M8*1.0P	M6*1.0P	10	2	1.6
BT40-SF10-160K	225.4	160	133	27	32	42	79	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	1.9
BT40-SF10-200K	265.4	200	173	27	32	42	119	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	2.3
BT40-SF10-250K	315.4	250	223	27	32	42	169	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	2.7
BT40-SF10-300K	365.4	300	273	27	32	42	219	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	3.2
BT40-SF12-90K	155.4	90	63	27	37	47	-	63	24	32	-	12	M10*1.0P	M6*1.0P	3	1	1.3
BT40-SF12-120K	185.4	120	93	27	37	47	-	63	24	32	-	12	M10*1.0P	M6*1.0P	10	2	1.6
BT40-SF12-160K	225.4	160	133	27	37	47	79	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	1.9
BT40-SF12-200K	265.4	200	173	27	37	47	119	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	2.3
BT40-SF12-250K	315.4	250	223	27	37	47	169	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	2.7
BT40-SF12-300K	365.4	300	273	27	37	47	219	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	3.1
BT40-SF14-90K	155.4	90	63	27	37	48	-	63	27	34	-	14	M10*1.0P	M6*1.0P	3	1	1.3
BT40-SF14-120K	185.4	120	93	27	37	47	-	63	27	34	-	14	M10*1.0P	M6*1.0P	10	2	1.6
BT40-SF14-160K	225.4	160	133	27	37	47	78	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	1.9
BT40-SF14-200K	265.4	200	173	27	37	47	118	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	2.3
BT40-SF14-250K	315.4	250	223	27	37	47	168	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	2.7
BT40-SF14-300K	365.4	300	273	27	37	47	218	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	3.1

BT40-SFK热缩刀柄(4.5°通水型)

BT40-SFK SHRINK CHUCK (4.5° SHRINK-FIT COOLANT TYPE)



FIG.1

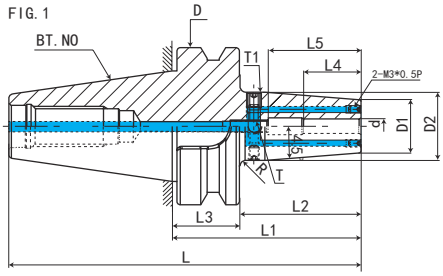




FIG.2

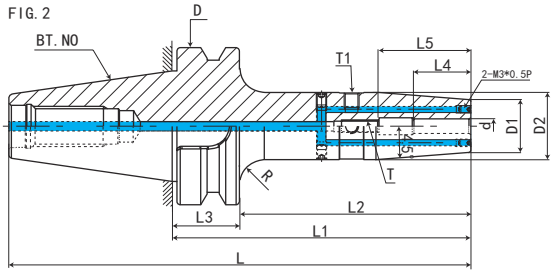
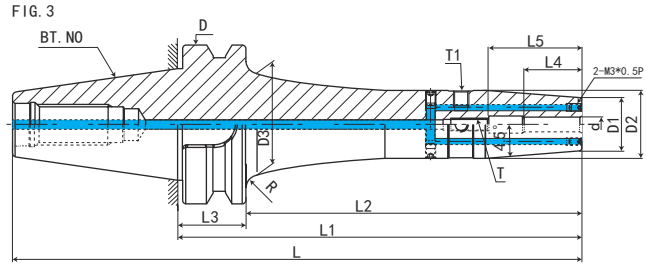




FIG.3





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规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
BT40-SF16-90	155.4	90	63	27	40	50	-	63	27	34	-	16	M12*1.0P	M6*1.0P	3	1	1.3
BT40-SF16-120	185.4	120	93	27	40	50	-	63	27	34	-	16	M12*1.0P	M6*1.0P	10	2	1.6
BT40-SF16-160	225.4	160	133	27	40	50	78	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	1.9
BT40-SF16-200	265.4	200	173	27	40	50	118	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	2.3
BT40-SF16-250	315.4	250	223	27	40	50	168	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	2.7
BT40-SF16-300	365.4	300	273	27	40	50	218	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	3.1
BT40-SF18-90	155.4	90	63	27	40	50	-	63	33	41	-	18	M12*1.0P	M6*1.0P	2	1	1.4
BT40-SF18-120	185.4	120	93	27	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	1.8
BT40-SF18-160	225.4	160	133	27	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	2.1
BT40-SF18-200	265.4	200	173	27	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	2.4
BT40-SF18-250	315.4	250	223	27	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	2.8
BT40-SF18-300	365.4	300	273	27	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	3.2
BT40-SF20-90	155.4	90	63	27	42	50	-	63	33	41	-	20	M16*1.0P	M6*1.0P	2	1	1.4
BT40-SF20-120	185.4	120	93	27	42	50	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	1.8
BT40-SF20-160	225.4	160	133	27	42	50	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	2.1
BT40-SF20-200	265.4	200	173	27	42	50	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	2.4
BT40-SF20-250	315.4	250	223	27	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	2.8
BT40-SF20-300	365.4	300	273	27	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	3.2
BT40-SF25-100	155.4	90	63	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	1	2.1
BT40-SF25-120	185.4	120	93	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	2.3
BT40-SF25-160	225.4	160	133	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	2.6
BT40-SF25-200	265.4	200	173	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	3.1
BT40-SF25-250	315.4	250	223	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	3.6
BT40-SF25-300	365.4	300	273	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	4.1
BT40-SF32-100	155.4	90	63	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	1	2.1
BT40-SF32-120	185.4	120	93	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	2.3
BT40-SF32-160	225.4	160	133	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	2.6
BT40-SF32-200	265.4	200	173	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	3.1
BT40-SF32-250	315.4	250	223	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	3.6
BT40-SF32-300	365.4	300	273	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	4.1

BT50-SFK热缩刀柄(4.5°通水型) BT50-SFK SHRINK CHUCK (4.5° SHRINK-FIT COOLANT TYPE)









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FIG. 1

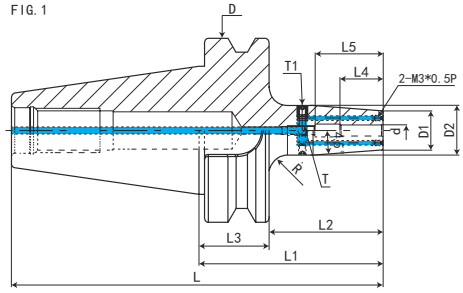


FIG. 2

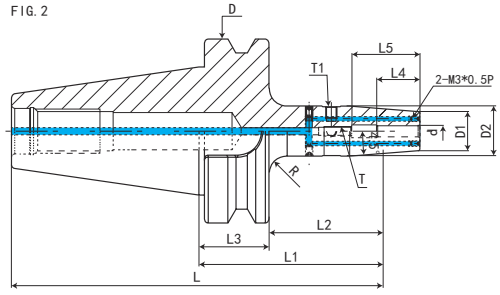
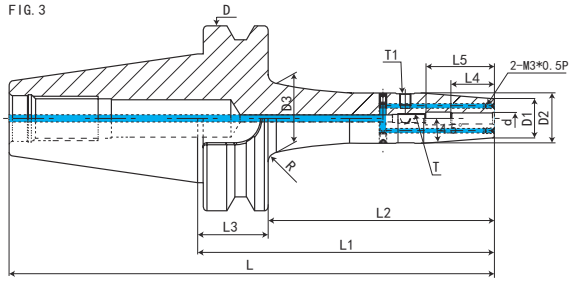


FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
BT50-SF06-100	201.8	100	62	38	26	36	-	100	21	27	-	6	M5*0.8P	M6*1.0P	2	1	3.7
BT50-SF06-120	221.8	120	82	38	26	36	-	100	21	27	-	6	M5*0.8P	M6*1.0P	12	2	3.9
BT50-SF06-160	2618	160	122	38	26	36	58	100	21	27	39	6	M5*0.8P	M6*1.0P	12	3	4.2
BT50-SF06-200	301.8	200	162	38	26	36	92	100	21	27	42	6	M5*0.8P	M6*1.0P	12	3	5.8
BT50-SF06-250	351.8	250	212	38	26	36	142	100	21	27	42	6	M5*0.8P	M6*1.0P	12	3	7.4
BT50-SF06-300	401.8	300	262	38	26	36	192	100	21	27	42	6	M5*0.8P	M6*1.0P	12	3	8.9
BT50-SF08-100	201.8	100	62	38	26	36	-	100	21	27	-	8	M6*1.0P	M6*1.0P	2	1	3.8
BT50-SF08-120	221.8	120	82	38	26	36	-	100	21	27	-	8	M6*1.0P	M6*1.0P	12	2	3.9
BT50-SF08-160	2618	160	122	38	26	36	58	100	21	27	39	8	M6*1.0P	M6*1.0P	12	3	4.2
BT50-SF08-200	301.8	200	162	38	26	36	92	100	21	27	42	8	M6*1.0P	M6*1.0P	12	3	5.8
BT50-SF08-250	351.8	250	212	38	26	36	142	100	21	27	42	8	M6*1.0P	M6*1.0P	12	3	7.4
BT50-SF08-300	401.8	300	262	38	26	36	192	100	21	27	42	6	M5*0.8P	M6*1.0P	12	3	8.9
BT50-SF10-100	201.8	100	62	38	32	42	-	100	24	32	-	10	M8*1.0P	M6*1.0P	2	1	3.9
BT50-SF10-120	221.8	120	82	38	32	42	-	100	24	32	-	10	M8*1.0P	M6*1.0P	10	2	4.1
BT50-SF10-160	2618	160	122	38	32	42	72	100	24	32	38	10	M8*1.0P	M6*1.0P	15	3	4.3
BT50-SF10-200	301.8	200	162	38	32	42	107	100	24	32	39	10	M8*1.0P	M6*1.0P	15	3	5.9
BT50-SF10-250	351.8	250	212	38	32	42	127	100	24	32	39	10	M8*1.0P	M6*1.0P	15	3	7.5
BT50-SF10-300	401.8	300	262	38	32	42	207	100	21	27	39	10	M5*0.8P	M6*1.0P	15	3	8.9
BT50-SF12-100	201.8	100	62	38	37	47	-	100	24	32	-	12	M10*1.0P	M6*1.0P	2	1	3.9
BT50-SF12-120	221.8	120	82	38	37	47	-	100	24	32	-	12	M10*1.0P	M6*1.0P	10	2	4.1
BT50-SF12-160	2618	160	122	38	37	47	72	100	24	32	38	12	M10*1.0P	M6*1.0P	15	3	4.3
BT50-SF12-200	301.8	200	162	38	37	47	107	100	24	32	39	12	M10*1.0P	M6*1.0P	15	3	5.9
BT50-SF12-250	351.8	250	212	38	37	47	157	100	24	32	39	12	M10*1.0P	M6*1.0P	15	3	7.5
BT50-SF12-300	401.8	300	262	38	37	47	207	100	24	32	39	12	M10*1.0P	M6*1.0P	15	3	9.1
BT50-SF14-100	201.8	100	62	38	37	47	-	100	27	34	-	14	M10*1.0P	M6*1.0P	4	1	3.9
BT50-SF14-120	221.8	120	82	38	37	47	-	100	27	34	-	14	M10*1.0P	M6*1.0P	10	2	4.1
BT50-SF14-160	2618	160	122	38	37	47	67	100	27	34	41	14	M10*1.0P	M6*1.0P	15	3	4.3
BT50-SF14-200	301.8	200	162	38	37	47	107	100	27	34	41	14	M10*1.0P	M6*1.0P	15	3	5.9
BT50-SF14-250	351.8	250	212	38	37	47	157	100	27	34	41	14	M10*1.0P	M6*1.0P	15	3	7.5
BT50-SF14-300	401.8	300	262	38	26	36	207	100	27	34	41	14	M10*1.0P	M6*1.0P	15	3	9.1

BT50-SFK热缩刀柄(4.5°通水型)

BT50-SFK SHRINK CHUCK (4.5° SHRINK-FIT COOLANT TYPE)



FIG.1

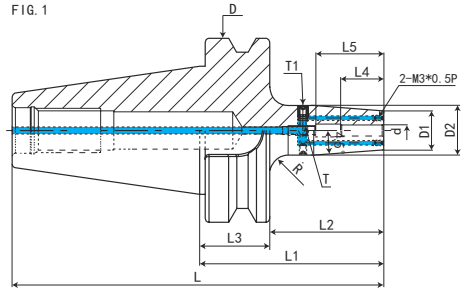




FIG.2

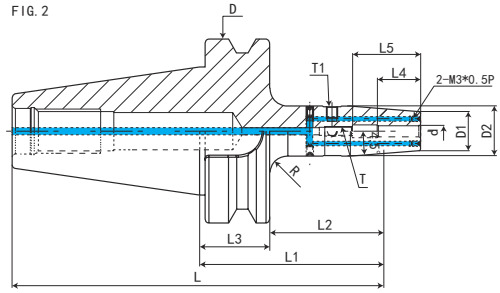
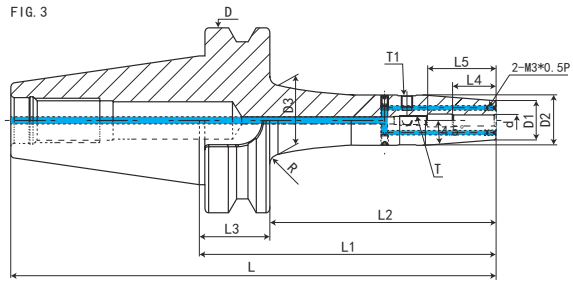




FIG.3



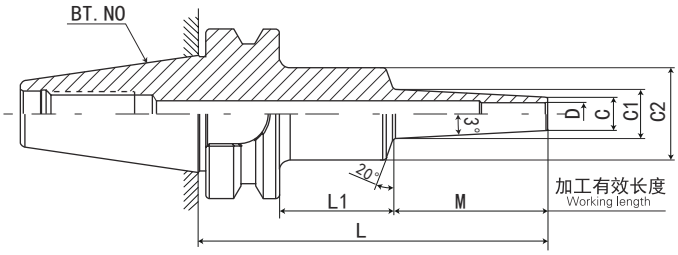


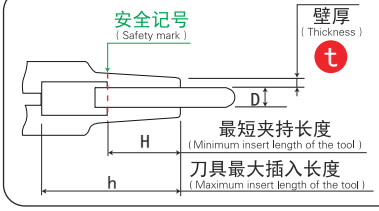
P.129

规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
BT50-SF16-100	201.8	100	62	38	40	50	-	100	27	34	-	16	M12*1.0P	M6*1.0P	4	1	3.9
BT50-SF16-120	221.8	120	82	38	40	50	-	100	27	34	-	16	M12*1.0P	M6*1.0P	10	2	4.1
BT50-SF16-160	2618	160	122	38	40	50	67	100	27	34	41	16	M12*1.0P	M6*1.0P	15	3	4.3
BT50-SF16-200	301.8	200	162	38	40	50	107	100	27	34	41	16	M12*1.0P	M6*1.0P	15	3	5.9
BT50-SF16-250	351.8	250	212	38	40	50	157	100	27	34	41	16	M12*1.0P	M6*1.0P	15	3	7.5
BT50-SF16-300	401.8	300	262	38	40	50	207	100	27	34	41	16	M5*0.8P	M6*1.0P	15	3	9.1
BT50-SF18-100	201.8	100	62	38	40	50	-	100	33	42	-	18	M12*1.0P	M6*1.0P	3	1	4.1
BT50-SF18-120	221.8	120	82	38	40	50	-	100	33	42	-	18	M12*1.0P	M6*1.0P	4	2	4.2
BT50-SF18-160	2618	160	122	38	40	50	77	100	33	42	47	18	M12*1.0P	M6*1.0P	12	3	4.4
BT50-SF18-200	301.8	200	162	38	40	50	107	100	33	42	50	18	M12*1.0P	M6*1.0P	12	3	6.1
BT50-SF18-250	351.8	250	212	38	40	50	157	100	33	42	50	18	M12*1.0P	M6*1.0P	12	3	7.8
BT50-SF18-300	401.8	300	262	38	40	50	207	100	27	34	50	18	M5*0.8P	M6*1.0P	12	3	9.4
BT50-SF20-100	201.8	100	62	38	42	52	-	100	33	42	-	20	M16*1.0P	M6*1.0P	3	1	4.1
BT50-SF20-120	221.8	120	82	38	42	52	-	100	33	42	-	20	M16*1.0P	M6*1.0P	4	2	4.2
BT50-SF20-160	2618	160	122	38	42	52	77	100	33	42	47	20	M16*1.0P	M6*1.0P	12	3	4.4
BT50-SF20-200	301.8	200	162	38	42	52	107	100	33	42	50	20	M16*1.0P	M6*1.0P	12	3	6.1
BT50-SF20-250	351.8	250	212	38	42	52	157	100	33	42	50	20	M16*1.0P	M6*1.0P	12	3	7.8
BT50-SF20-300	401.8	300	262	38	42	52	207	100	33	42	50	18	M5*0.8P	M6*1.0P	12	3	9.4
BT50-SF25-110	211.8	110	72	38	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	1	1	4.5
BT50-SF25-120	221.8	120	82	38	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	3	2	4.7
BT50-SF25-160	2618	160	122	38	48	58	79	100	44	53	57	25	M16*1.0P	M6*1.0P	8	3	5.1
BT50-SF25-200	301.8	200	162	38	48	58	107	100	44	53	61	25	M16*1.0P	M6*1.0P	8	3	6.1
BT50-SF25-250	351.8	250	212	38	48	58	157	100	44	53	61	25	M16*1.0P	M6*1.0P	8	3	7.8
BT50-SF25-300	401.8	300	262	38	48	58	207	100	44	53	61	25	M16*1.0P	M6*1.0P	8	3	9.7
BT50-SF32-110	211.8	110	72	38	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	1	1	4.5
BT50-SF32-120	221.8	120	82	38	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	3	2	4.7
BT50-SF32-160	2618	160	122	38	52	62	79	100	44	53	57	32	M16*1.0P	M6*1.0P	8	3	5.1
BT50-SF32-200	301.8	200	162	38	52	62	107	100	44	53	61	32	M16*1.0P	M6*1.0P	8	3	6.1
BT50-SF32-250	351.8	250	212	38	52	62	157	100	44	53	61	32	M16*1.0P	M6*1.0P	8	3	7.8
BT50-SF32-300	401.8	300	262	38	52	62	207	100	44	53	61	32	M16*1.0P	M6*1.0P	8	3	9.7

BT30-SL 热缩刀柄（3°一体型） BT30-SL SHRINK FIT HOLDER(3° MONO)







注意事项

● **拉钉** 请在加热时取下，或使用通孔拉钉。

● **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	D	C	t	L	M	L1	C1	C2	H	h	重量 KGS	S
BT30-SLSA3-75-M22	3	6	1.5	75	22	31	8.3	25	9	99	0.4	4.6
BT30-SLSA3-95-M42	3	6	1.5	95	42	31	10.4	25	9	119	0.4	9.2
BT30-SLSA3-120-M67	3	6	1.5	120	67	31	13	25	9	144	0.5	14.9
BT30-SLRA3-75-M22	3	7.5	2.25	75	22	31	9.8	25	9	99	0.5	2.8
BT30-SLSA3.175-75-M22	3.175	6.175	1.5	75	22	31	8.5	25	9	99	0.4	4.4
BT30-SLSA3.175-95-M42	3.175	6.175	1.5	95	42	31	10.6	25	9	119	0.4	8.8
BT30-SLSA4-75-M22	4	7	1.5	75	22	31	9.3	25	12	99	0.4	3.6
BT30-SLSA4-95-M42	4	7	1.5	95	42	31	11.4	25	12	119	0.4	7.3
BT30-SLSA4-120-M67	4	7	1.5	120	67	31	14	25	12	144	0.5	11.9
BT30-SLRA4-75-M22	4	10	3	75	22	31	12.3	25	12	99	0.5	1.8
BT30-SLSA6-75-M22	6	9	1.5	75	22	31	11.3	25	18	99	0.4	2.4
BT30-SLSA6-95-M42	6	9	1.5	95	42	31	13.4	25	18	119	0.4	4.9
BT30-SLSA6-120-M67	6	9	1.5	120	67	31	16	25	18	144	0.5	8.3
BT30-SLRA6-75-M22	6	12	3	75	22	31	14.3	25	18	99	0.4	1.4
BT30-SLRA8-75-M22	8	14	3	75	22	31	16.3	25	24	99	0.4	1.2
BT30-SLRA10-75-M22	10	16	3	75	22	31	18.3	25	30	99	0.4	1.1
BT30-SLRA12-75-M22	12	20	4	75	22	31	22.3	25	30	99	0.5	1
BT30-SLRA16-60-M22	16	26	5	60	22	16	28.3	34	32	60	0.5	0.5
BT30-SLRA20-65-M22	20	32	6	65	22	21	34.3	40	38	60	0.5	0.4

BT30 - SLSA - 3 - 75 - M22

- M22 → 加工有效长度 Working length
- 75 → L 长度 Length (L)
- 3 → 刀杆直径 Diameter
- SLSA → 功能代号 Holder type
- BT30 → 锥柄形式 Taper size

BT30-SL 热缩刀柄（CV 曲线型）

BT30-SL SHRINK FIT HOLDER(CV CURVE)



FIG. 1

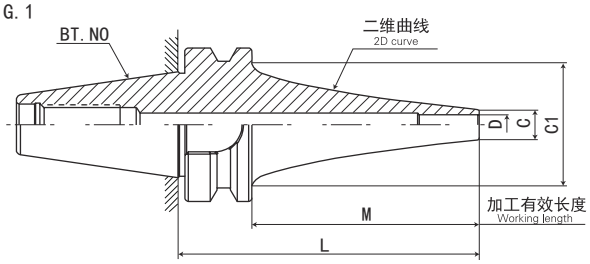
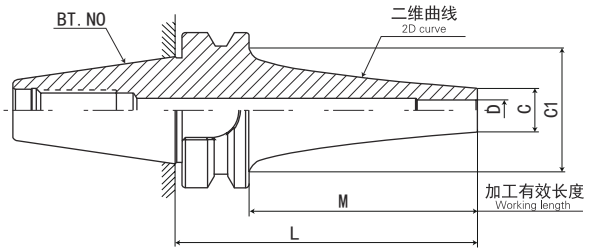
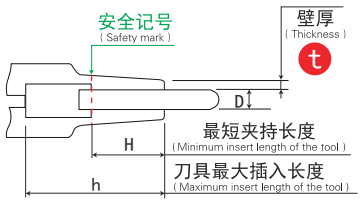




FIG. 2





注意事项

● **拉钉** 请在加热时取下，或使用通孔拉钉。

● **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	C1	H	h	重量 KGS	S
BT30-SLSA4-75CV	1	4	7	1.5	75	53	34	12	99	0.5	1.8
BT30-SLSA4-90CV	1	4	7	1.5	90	68	34	12	114	0.5	2.8
BT30-SLSA4-120CV	1	4	7	1.5	120	98	34	12	144	0.5	6.6
BT30-SLRA4-90CV	2	4	10	3	90	68	34	12	114	0.5	2
BT30-SLRA4-120CV	2	4	10	3	120	98	34	12	144	0.5	2.9
BT30-SLSA6-75CV	1	6	9	1.5	75	53	34	18	99	0.5	1.5
BT30-SLSA6-90CV	1	6	9	1.5	90	68	34	18	114	0.5	2.4
BT30-SLSA6-120CV	1	6	9	1.5	120	98	34	18	144	0.5	5.6
BT30-SLRA6-90CV	2	6	13	3.5	90	68	34	18	114	0.5	1.6
BT30-SLRA6-120CV	2	6	13	3.5	120	98	34	18	144	0.5	2.5
BT30-SLSA8-75CV	1	8	11	1.5	75	53	34	24	99	0.5	1.3
BT30-SLSA8-90CV	1	8	11	1.5	90	68	34	24	114	0.6	2.2
BT30-SLRA8-90CV	2	8	16	4	90	68	34	24	114	0.5	1.1
BT30-SLSA10-75CV	1	10	13	1.5	75	53	34	30	99	0.5	1.2
BT30-SLSA10-90CV	1	10	13	1.5	90	68	34	30	114	0.5	2
BT30-SLRA10-90CV	1	10	19	4.5	90	68	34	30	114	0.6	1.1

BT30 - SLSA - 4 - 75 - CV

- CV → 曲 线 型 Curve
- 75 → L 长度 Length (L)
- 4 → 刀 杆 直 径 Diameter
- SLSA → 功 能 代 号 Holder type
- BT30 → 锥 柄 形 式 Taper size

数控刀柄系列 CNC TOOL SYSTEMS

BT40-SL 热缩刀柄（3°一体型） BT40-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

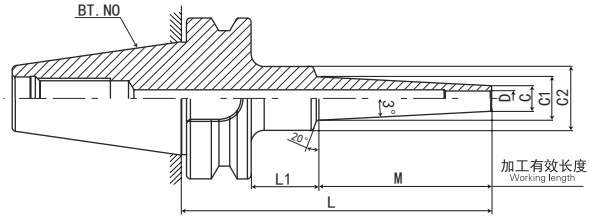
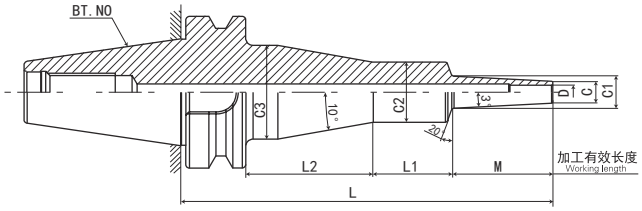
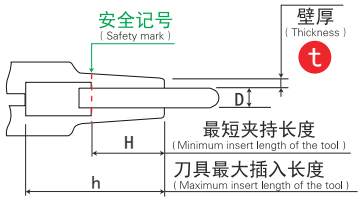




FIG. 2





注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT40-SLSA3-95-M42	1	3	6	1.5	95	42	26	*	10.4	25	*	9	130	1	9.1
BT40-SLSA3-120-M67	1	3	6	1.5	120	67	26	*	13	25	*	9	155	1	14.6
BT40-SLSA3-125-M42	1	3	6	1.5	125	42	56	*	10.4	25	*	9	160	1.1	9.7
BT40-SLSA3-150-M67	1	3	6	1.5	150	67	56	*	13	25	*	9	185	1.1	15.7
BT40-SLSA3-150-M97	1	3	6	1.5	150	97	26	*	16.2	25	*	9	185	1.1	20.4
BT40-SLSA3-155-M42	2	3	6	1.5	155	42	33	53	10.4	26	40	9	190	1.4	9.9
BT40-SLSA3-180-M67	2	3	6	1.5	180	67	33	53	13	25	39	9	215	1.4	15.7
BT40-SLSA3-180-M97	1	3	6	1.5	180	97	56	*	16.2	25	*	9	215	1.2	22.1
BT40-SLSA3-210-M97	2	3	6	1.5	210	97	33	53	16.2	25	39	9	245	1.4	22.1
BT40-SLRA3-75-M22	1	3	7.5	2.25	75	22	26	*	9.8	25	*	9	110	1	2.7
BT40-SLRA3-95-M42	1	3	7.5	2.25	95	42	26	*	11.9	25	*	9	130	1	5.3
BT40-SLRA3-105-M22	1	3	7.5	2.25	105	22	56	*	9.8	25	*	9	140	1.1	3.2
BT40-SLRA3-120-M67	1	3	7.5	2.25	120	67	26	*	14.5	25	*	9	155	1.1	8.8
BT40-SLRA3-125-M42	1	3	7.5	2.25	125	42	56	*	11.9	25	*	9	160	1.1	6
BT40-SLRA3-135-M22	2	3	7.5	2.25	135	22	33	53	9.8	25	39	9	170	1.4	3.2
BT40-SLRA3-150-M67	1	3	7.5	2.25	150	67	56	*	14.5	25	*	9	185	1.2	14.5
BT40-SLRA3-150-M97	1	3	7.5	2.25	150	97	26	*	17.7	25	*	9	185	1.1	12.8
BT40-SLRA3-155-M42	2	3	7.5	2.25	155	42	33	53	11.9	25	39	9	190	1.4	6
BT40-SLRA3-180-M67	2	3	7.5	2.25	180	67	33	53	14.5	26	40	9	215	1.4	9.8
BT40-SLRA3-180-M97	1	3	7.5	2.25	180	97	56	*	17.7	25	*	9	215	1.2	14.3
BT40-SLRA3-180-M127	1	3	7.5	2.25	180	127	26	*	20.8	36	*	9	215	1.1	15.7
BT40-SLRA3-210-M97	2	3	7.5	2.25	210	97	33	53	17.7	25	39	9	245	1.5	14.4
BT40-SLRA3-210-M127	1	3	7.5	2.25	210	127	56	*	20.8	32	*	9	245	1.4	16.5
BT40-SLRA3-240-M127	2	3	7.5	2.25	240	127	28	58	20.8	36	50	9	275	1.8	16.3

BT40 - SLSA - 3 - 95 - M42

- M42 → 加工有效长度 Working length
- 95 → L 长度 Length (L)
- 3 → 刀杆直径 Diameter
- SLSA → 功能代号 Holder type
- BT40 → 锥柄形式 Taper size

BT40-SL 热缩刀柄（3°一体型） BT40-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

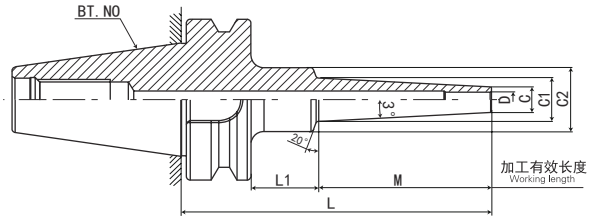
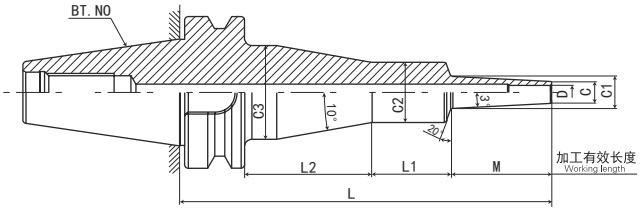
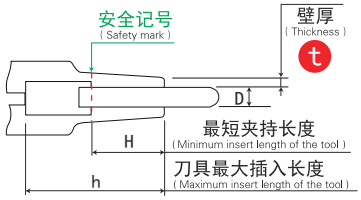




FIG. 2





注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT40-SLFB3-75-M22	1	3	9.5	3.25	75	22	26	*	11.8	25	*	9	110	1	1.9
BT40-SLFB3-95-M42	1	3	9.5	3.25	95	42	26	*	13.9	25	*	9	130	1	3.2
BT40-SLFB3-105-M22	1	3	9.5	3.25	105	22	56	*	11.8	25	*	9	140	1.1	2.3
BT40-SLFB3-120-M67	1	3	9.5	3.25	120	67	26	*	16.5	25	*	9	155	1.1	5.3
BT40-SLFB3-125-M42	1	3	9.5	3.25	125	42	56	*	13.9	25	*	9	160	1.1	3.9
BT40-SLFB3-135-M22	2	3	9.5	3.25	135	22	33	53	11.8	25	39	9	170	1.4	2.3
BT40-SLFB3-150-M67	1	3	9.5	3.25	150	67	56	*	16.5	25	*	9	185	1.2	6.4
BT40-SLFB3-155-M42	2	3	9.5	3.25	155	42	33	53	13.9	25	39	9	190	1.4	3.9
BT40-SLFB3-180-M67	2	3	9.5	3.25	180	67	33	53	16.5	26	40	9	215	1.4	6.3
BT40-SLSA4-95-M42	1	4	7	1.5	95	42	26	*	11.4	25	*	12	130	1	7.1
BT40-SLSA4-120-M67	1	4	7	1.5	120	67	26	*	14	25	*	12	155	1	11.7
BT40-SLSA4-125-M42	1	4	7	1.5	125	42	56	*	11.4	25	*	12	160	1.1	7.9
BT40-SLSA4-150-M67	1	4	7	1.5	150	67	56	*	14	25	*	12	185	1.1	12.8
BT40-SLSA4-150-M97	1	4	7	1.5	150	97	26	*	17.2	25	*	12	185	1.1	16.5
BT40-SLSA4-155-M42	2	4	7	1.5	155	42	33	53	11.4	25	39	12	190	1.4	7.9
BT40-SLSA4-180-M67	2	4	7	1.5	180	67	33	53	14	25	39	12	215	1.4	12.8
BT40-SLSA4-180-M97	1	4	7	1.5	180	97	56	*	17.2	25	*	12	215	1.2	18.3
BT40-SLSA4-210-M97	2	4	7	1.5	210	97	33	53	17.2	25	39	12	245	1.5	18.2
BT40-SLRA4-75-M22	1	4	10	3	75	22	26	*	12.3	25	*	12	110	1	1.7
BT40-SLRA4-95-M42	1	4	10	3	95	42	26	*	14.4	25	*	12	130	1	3.1
BT40-SLRA4-105-M22	1	4	10	3	105	22	56	*	12.3	25	*	12	140	1.1	2.2
BT40-SLRA4-120-M67	1	4	10	3	120	67	26	*	17	25	*	12	155	1.1	5.1
BT40-SLRA4-125-M42	1	4	10	3	125	42	56	*	14.4	25	*	12	160	1.1	3.8
BT40-SLRA4-135-M22	2	4	10	3	135	22	33	53	12.3	25	39	12	170	1.4	2.2
BT40-SLRA4-150-M67	1	4	10	3	150	67	56	*	17	25	*	12	185	1.2	6.3
BT40-SLRA4-150-M97	1	4	10	3	150	97	26	*	20.2	25	*	12	185	1.1	7.7

BT40 - SLFB - 3 - 75 - M22

- M22 → 加工有效长度 Working length
- 75 → L 长度 Length (L)
- 3 → 刀杆直径 Diameter
- SLFB → 功能代号 Holder type
- BT40 → 锥柄形式 Taper size



BT40-SL 热缩刀柄（3°一体型） BT40-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

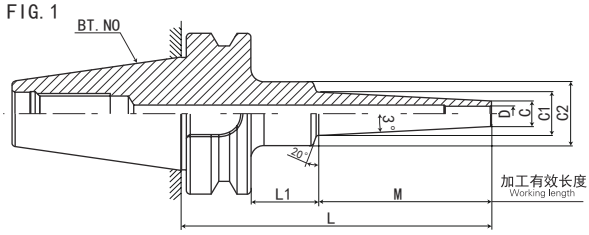
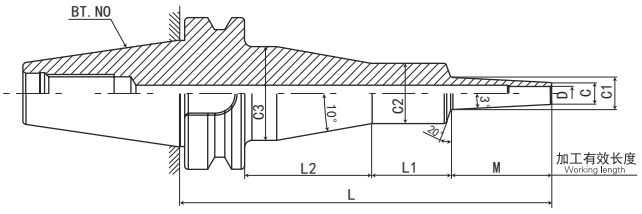
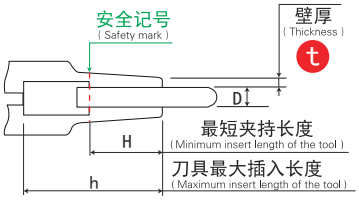


FIG. 2





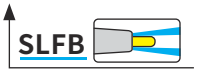
注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT40-SLRA4-155-M42	2	4	10	3	155	42	33	53	14.4	25	39	12	190	1.4	3.8
BT40-SLRA4-180-M67	2	4	10	3	180	67	33	53	17	25	39	12	215	1.4	6.2
BT40-SLRA4-180-M97	1	4	10	3	180	97	56	*	20.2	25	*	12	215	1.2	9.5
BT40-SLRA4-180-M127	1	4	10	3	180	127	26	*	23.3	32	*	12	215	1.2	9.4
BT40-SLRA4-210-M97	2	4	10	3	210	97	33	53	20.2	25	39	12	245	1.5	9.4
BT40-SLRA4-210-M127	1	4	10	3	210	127	56	*	23.3	32	*	12	245	1.4	10.3
BT40-SLRA4-240-M127	2	4	10	3	240	127	30	56	23.3	32	46	12	275	1.8	10.4
BT40-SLFB4-75-M22	1	4	12	4	75	22	26	*	14.3	25	*	12	110	1	1.3
BT40-SLFB4-95-M42	1	4	12	4	95	42	26	*	16.4	25	*	12	130	1.1	2.2
BT40-SLFB4-105-M22	1	4	12	4	105	22	56	*	14.3	25	*	12	140	1.1	1.8
BT40-SLFB4-120-M67	1	4	12	4	120	67	26	*	19	25	*	12	155	1.1	3.5
BT40-SLFB4-125-M42	1	4	12	4	125	42	56	*	16.4	25	*	12	160	1.2	2.9
BT40-SLFB4-135-M22	2	4	12	4	135	22	33	53	14.3	25	39	12	170	1.4	1.8
BT40-SLFB4-150-M67	1	4	12	4	150	67	56	*	19	25	*	12	185	1.2	4.7
BT40-SLFB4-155-M42	2	4	12	4	155	42	33	53	16.4	25	39	12	190	1.4	2.9
BT40-SLFB4-180-M67	2	4	12	4	180	67	33	53	19	25	39	12	215	1.5	4.7
BT40-SLSA6-95-M42	1	6	9	1.5	95	42	26	*	13.4	25	*	18	130	1	4.8
BT40-SLSA6-120-M67	1	6	9	1.5	120	67	26	*	16	25	*	18	155	1.1	8
BT40-SLSA6-125-M42	1	6	9	1.5	125	42	56	*	13.4	25	*	18	160	1.1	5.6
BT40-SLSA6-150-M67	1	6	9	1.5	150	67	56	*	16	25	*	18	185	1.2	9.2
BT40-SLSA6-150-M97	1	6	9	1.5	150	97	26	*	19.2	32	*	18	185	1.1	11
BT40-SLSA6-155-M42	2	6	9	1.5	155	42	33	53	13.4	25	39	18	190	1.4	5.6
BT40-SLSA6-180-M67	2	6	9	1.5	180	67	33	53	16	25	39	18	215	1.4	9.2
BT40-SLSA6-180-M97	1	6	9	1.5	180	97	56	*	19.2	32	*	18	215	1.3	11.7
BT40-SLSA6-210-M97	2	6	9	1.5	210	97	30	56	19.2	32	46	18	245	1.7	11.7

BT40 - SLFB - 3 - 75 - M22

- M22 → 加工有效长度 Working length
- 75 → L 长度 Length (L)
- 3 → 刀杆直径 Diameter
- SLFB → 功能代号 Holder type
- BT40 → 锥柄形式 Taper size



BT40-SL 热缩刀柄（3°一体型）

BT40-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

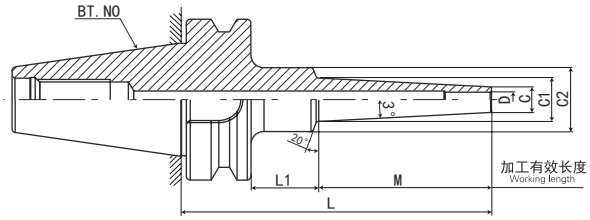
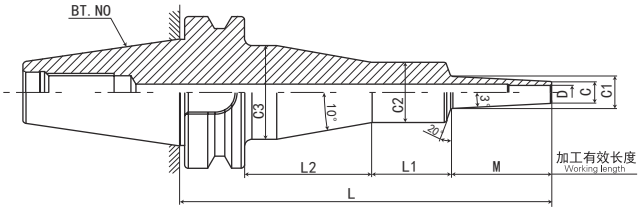
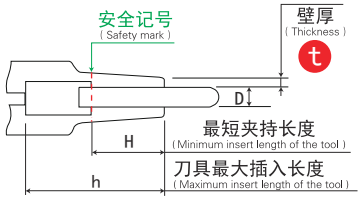




FIG. 2





注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT40-SLSB6-95-M42	1	6	10	2	95	42	26	*	14.4	25	*	18	130	1	3.6
BT40-SLSB6-120-M67	1	6	10	2	120	67	26	*	17	25	*	18	155	1.1	6.1
BT40-SLSB6-125-M42	1	6	10	2	125	42	56	*	14.4	25	*	18	160	1.1	4.5
BT40-SLSB6-150-M67	1	6	10	2	150	67	56	*	17	25	*	18	185	1.2	7.4
BT40-SLSB6-150-M97	1	6	10	2	150	97	26	*	20.2	32	*	18	185	1.2	8.5
BT40-SLSB6-155-M42	2	6	10	2	155	42	33	53	14.4	25	39	18	190	1.4	4.4
BT40-SLSB6-180-M67	2	6	10	2	180	67	33	53	17	25	39	18	215	1.4	7.4
BT40-SLSB6-180-M97	1	6	10	2	180	97	56	*	20.2	32	*	18	215	1.3	9.2
BT40-SLSB6-180-M127	1	6	10	2	180	127	26	*	23.3	32	*	18	215	1.2	11
BT40-SLSB6-210-M97	2	6	10	2	210	97	30	56	20.2	32	46	18	245	1.7	9.2
BT40-SLSB6-210-M127	1	6	10	2	210	127	56	*	23.3	32	*	18	245	1.4	12
BT40-SLSB6-210-M157	1	6	10	2	210	157	26	*	26.5	32	*	18	245	1.3	13.2
BT40-SLSB6-240-M127	2	6	10	2	240	127	30	56	23.3	32	46	18	275	1.8	12
BT40-SLSB6-240-M157	1	6	10	2	240	157	56	*	26.5	36	*	18	275	1.7	14.5
BT40-SLSB6-270-M157	2	6	10	2	270	157	30	56	26.5	32	46	18	305	1.9	14.6
BT40-SLRB6-75-M22	1	6	14	4	75	22	26	*	16.3	32	*	18	110	1.1	1
BT40-SLRB6-95-M42	1	6	14	4	95	42	26	*	18.4	32	*	18	130	1.1	1.6
BT40-SLRB6-105-M22	1	6	14	4	105	22	56	*	16.3	32	*	18	140	1.2	1.2
BT40-SLRB6-120-M67	1	6	14	4	120	67	26	*	21	32	*	18	155	1.2	2.6
BT40-SLRB6-125-M42	1	6	14	4	125	42	56	*	18.4	32	*	18	160	1.3	1.9
BT40-SLRB6-135-M22	2	6	14	4	135	22	30	56	16.3	32	46	18	170	1.6	1.2
BT40-SLRB6-150-M67	1	6	14	4	150	67	56	*	21	32	*	18	185	1.3	3
BT40-SLRB6-155-M42	2	6	14	4	155	42	30	56	18.4	32	46	18	190	1.6	1.9
BT40-SLRB6-180-M67	2	6	14	4	180	67	30	56	21	32	46	18	215	1.7	3.1

BT40 - SLSB - 6 - 95 - M42

- M42 → 加工有效长度 Working length
- 95 → L 长度 Length (L)
- 6 → 刀杆直径 Diameter
- SLSB → 功能代号 Holder type
- BT40 → 锥柄形式 Taper size

BT40-SL 热缩刀柄（3°一体型） BT40-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

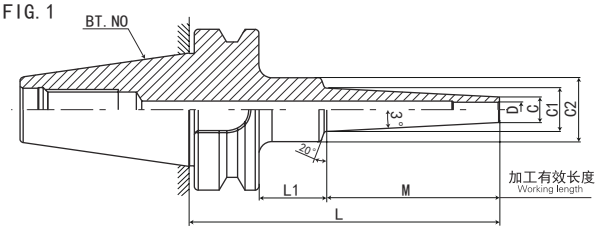
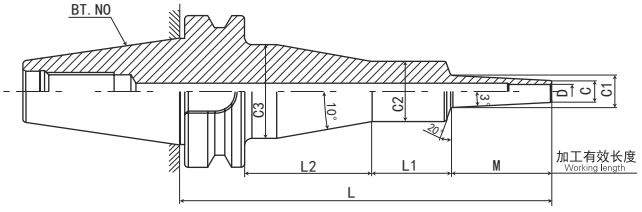
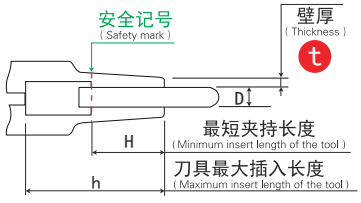


FIG. 2





注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT40-SLFB6-75-M22	1	6	14	4	75	22	26	*	16.3	32	*	18	110	1.1	1
BT40-SLFB6-95-M42	1	6	14	4	95	42	26	*	18.4	32	*	18	130	1.1	1.6
BT40-SLFB6-105-M22	1	6	14	4	105	22	56	*	16.3	32	*	18	140	1.2	1.2
BT40-SLFB6-120-M67	1	6	14	4	120	67	26	*	21	32	*	18	155	1.2	2.6
BT40-SLFB6-125-M42	1	6	14	4	125	42	56	*	18.4	32	*	18	160	1.3	1.9
BT40-SLFB6-135-M22	2	6	14	4	135	22	30	56	16.3	32	46	18	170	1.6	1.2
BT40-SLFB6-150-M67	1	6	14	4	150	67	56	*	21	32	*	18	185	1.3	3
BT40-SLFB6-155-M42	2	6	14	4	155	42	30	56	18.4	32	46	18	190	1.6	1.9
BT40-SLFB6-180-M67	2	6	14	4	180	67	30	56	21	32	46	18	215	1.7	3.1
BT40-SLSA8-95-M42	1	8	11	1.5	95	42	26	*	15.4	25	*	24	130	1	3.4
BT40-SLSA8-120-M67	1	8	11	1.5	120	67	26	*	18	32	*	24	155	1.1	5.4
BT40-SLSA8-125-M42	1	8	11	1.5	125	42	56	*	15.4	25	*	24	160	1.1	4.3
BT40-SLSA8-150-M67	1	8	11	1.5	150	67	56	*	18	32	*	24	185	1.3	5.9
BT40-SLSA8-150-M97	1	8	11	1.5	150	97	26	*	21.2	32	*	24	185	1.2	7.9
BT40-SLSA8-155-M42	2	8	11	1.5	155	42	33	53	15.4	25	39	24	190	1.4	4.3
BT40-SLSA8-180-M67	2	8	11	1.5	180	67	30	56	18	32	46	24	215	1.6	5.9
BT40-SLSA8-180-M97	1	8	11	1.5	180	97	56	*	21.2	32	*	24	215	1.3	8.7
BT40-SLSA8-210-M97	2	8	11	1.5	210	97	28	58	21.2	36	50	24	245	1.9	8.4
BT40-SLSB8-95-M42	1	8	13	2.5	95	42	26	*	17.4	32	*	24	130	1.1	2.1
BT40-SLSB8-120-M67	1	8	13	2.5	120	67	26	*	20	32	*	24	155	1.1	3.5
BT40-SLSB8-125-M42	1	8	13	2.5	125	42	56	*	17.4	36	*	24	160	1.3	2.3
BT40-SLSB8-150-M67	1	8	13	2.5	150	67	56	*	20	32	*	24	185	1.3	4
BT40-SLSB8-150-M97	1	8	13	2.5	150	97	26	*	23.2	32	*	24	185	1.2	5.2
BT40-SLSB8-155-M42	2	8	13	2.5	155	42	30	56	17.4	32	46	24	190	1.6	2.5

BT40 - SLFB - 6 - 75 - M22

- 加工有效长度 Working length
- L 长度 Length (L)
- 刀 杆 直 径 Diameter
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size



BT40-SL 热缩刀柄（3°一体型） BT40-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

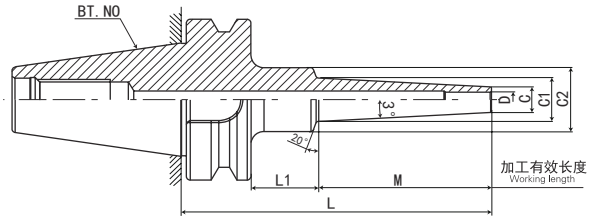
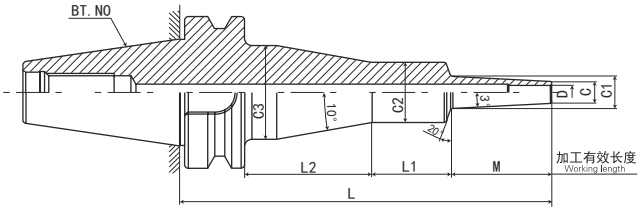
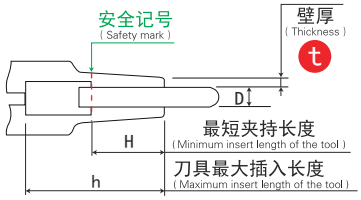




FIG. 2





注意事项

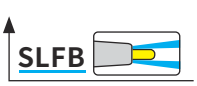
● **拉钉** 请在加热时取下，或使用通孔拉钉。

● **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT40-SLSB8-180-M67	2	8	13	2.5	180	67	30	56	20	32	46	24	215	1.7	4
BT40-SLSB8-180-M97	1	8	13	2.5	180	97	56	*	23.2	32	*	24	215	1.4	6
BT40-SLSB8-180-M127	1	8	13	2.5	180	127	26	*	26.3	32	*	24	215	1.3	7
BT40-SLSB8-210-M97	2	8	13	2.5	210	97	30	56	23.2	32	46	24	245	1.7	6
BT40-SLSB8-210-M127	1	8	13	2.5	210	127	56	*	26.3	36	*	24	245	1.5	7.7
BT40-SLSB8-210-M157	1	8	13	2.5	210	157	26	*	29.5	36	*	24	245	1.4	8.5
BT40-SLSB8-240-M127	2	8	13	2.5	240	127	30	56	26.3	32	46	24	275	1.8	8.1
BT40-SLSB8-240-M157	1	8	13	2.5	240	157	56	*	29.5	42	*	24	275	1.7	8.6
BT40-SLSB8-270-M157	2	8	13	2.5	270	157	28	58	29.5	42	53	24	305	2.2	8.7
BT40-SLRB8-75-M22	1	8	18	5	75	22	26	*	20.3	32	*	24	110	1.1	0.7
BT40-SLRB8-95-M42	1	8	18	5	95	42	26	*	22.4	32	*	24	130	1.1	1.1
BT40-SLRB8-105-M22	1	8	18	5	105	22	56	*	20.3	32	*	24	140	1.2	0.9
BT40-SLRB8-120-M67	1	8	18	5	120	67	26	*	25	32	*	24	155	1.2	1.7
BT40-SLRB8-125-M42	1	8	18	5	125	42	56	*	22.4	32	*	24	160	1.3	1.4
BT40-SLRB8-135-M22	2	8	18	5	135	22	30	56	20.3	32	46	24	170	1.6	1
BT40-SLRB8-150-M67	1	8	18	5	150	67	56	*	25	32	*	24	185	1.4	2.2
BT40-SLRB8-155-M42	2	8	18	5	155	42	30	56	22.4	32	46	24	190	1.7	1.5
BT40-SLRB8-180-M67	2	8	18	5	180	67	30	56	25	32	46	24	215	1.8	2.2
BT40-SLFB8-75-M22	1	8	18	5	75	22	26	*	20.3	32	*	24	110	1.1	0.7
BT40-SLFB8-95-M42	1	8	18	5	95	42	26	*	22.4	32	*	24	130	1.1	1.1
BT40-SLFB8-105-M22	1	8	18	5	105	22	56	*	20.3	32	*	24	140	1.2	0.9
BT40-SLFB8-120-M67	1	8	18	5	120	67	26	*	25	32	*	24	155	1.2	1.7
BT40-SLFB8-125-M42	1	8	18	5	125	42	56	*	22.4	32	*	24	160	1.3	1.4
BT40-SLFB8-135-M22	2	8	18	5	135	22	30	56	20.3	32	46	24	170	1.6	1
BT40-SLFB8-150-M67	1	8	18	5	150	67	56	*	25	32	*	24	185	1.4	2.2
BT40-SLFB8-155-M42	2	8	18	5	155	42	30	56	22.4	32	46	24	190	1.7	1.5
BT40-SLFB8-180-M67	2	8	18	5	180	67	28	58	25	36	50	24	215	1.9	2

BT40 - SLSB - 8 - 180 - M67

- 加工有效长度 Working length
- L 长度 Length (L)
- 刀 杆 直 径 Diameter
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size



BT40-SL 热缩刀柄（3°一体型） BT40-SL SHRINK FIT HOLDER(3° MONO)





FIG. 1

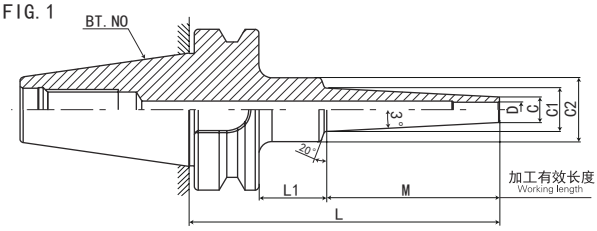
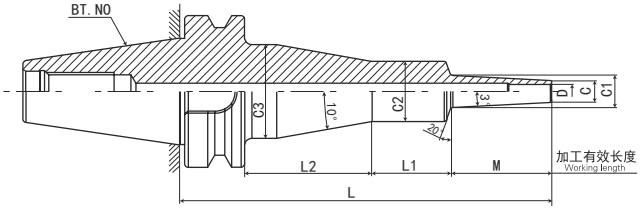
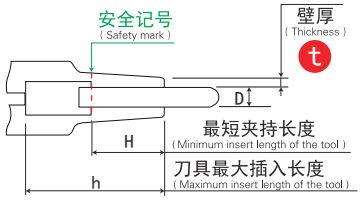


FIG. 2





注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT40-SLSA10-95-M42	1	10	13	1.5	95	42	26	*	17.4	25	*	30	130	1	2.6
BT40-SLSA10-120-M67	1	10	13	1.5	120	67	26	*	20	32	*	30	155	1.1	4
BT40-SLSA10-125-M42	1	10	13	1.5	125	42	56	*	17.4	25	*	30	160	1.1	3.6
BT40-SLSA10-150-M67	1	10	13	1.5	150	67	56	*	20	32	*	30	185	1.3	4.6
BT40-SLSA10-150-M97	1	10	13	1.5	150	97	26	*	23.2	32	*	30	185	1.2	6
BT40-SLSA10-155-M42	2	10	13	1.5	155	42	30	53	17.4	25	39	30	190	1.4	3.6
BT40-SLSA10-180-M67	2	10	13	1.5	180	67	28	58	20	36	50	30	215	1.8	4.4
BT40-SLSA10-180-M97	1	10	13	1.5	180	97	56	*	23.2	32	*	30	215	1.3	6.9
BT40-SLSA10-210-M97	2	10	13	1.5	210	97	30	56	23.2	32	46	30	245	1.7	6.9
BT40-SLSB10-95-M42	1	10	16	3	95	42	26	*	20.4	32	*	30	130	1.1	1.4
BT40-SLSB10-120-M67	1	10	16	3	120	67	26	*	23	32	*	30	155	1.2	2.4
BT40-SLSB10-125-M42	1	10	16	3	125	42	56	*	20.4	32	*	30	160	1.3	1.8
BT40-SLSB10-150-M67	1	10	16	3	150	67	56	*	23	32	*	30	185	1.3	3
BT40-SLSB10-150-M97	1	10	16	3	150	97	26	*	26.2	32	*	30	185	1.3	3.6
BT40-SLSB10-155-M42	2	10	16	3	155	42	30	56	20.4	32	46	30	190	1.6	1.9
BT40-SLSB10-180-M67	2	10	16	3	180	67	30	56	23	32	46	30	215	1.7	3
BT40-SLSB10-180-M97	1	10	16	3	180	97	56	*	26.2	32	*	30	215	1.4	4.5
BT40-SLSB10-180-M127	1	10	16	3	180	127	26	*	29.3	42	*	30	215	1.4	4.5
BT40-SLSB10-210-M97	2	10	16	3	210	97	30	56	26.2	32	46	30	245	1.8	4.5
BT40-SLSB10-210-M127	1	10	16	3	210	127	56	*	29.3	42	*	30	245	1.6	4.9
BT40-SLSB10-210-M157	1	10	16	3	210	157	26	*	32.5	42	*	30	245	1.5	5.6
BT40-SLSB10-240-M127	1	10	16	3	240	127	86	*	29.3	50	*	30	275	2.1	5
BT40-SLSB10-240-M157	1	10	16	3	240	157	56	*	32.5	50	*	30	275	1.8	5.8
BT40-SLSB10-270-M157	2	10	16	3	270	157	28	58	32.5	42	53	30	305	2.3	6.3

BT40 - SLSA - 10 - 95 - M42

- M42 → 加工有效长度 Working length
- 95 → L 长度 Length (L)
- 10 → 刀杆直径 Diameter
- SLSA → 功能代号 Holder type
- BT40 → 锥柄形式 Taper size

BT40-SL 热缩刀柄（3°一体型） BT40-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

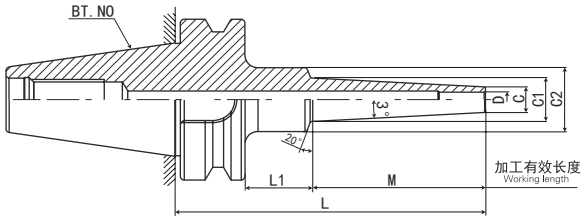
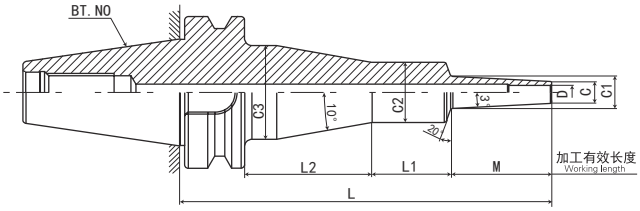
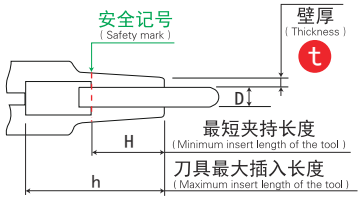




FIG. 2





注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT40-SLRB10-75-M22	1	10	22	6	75	22	26	*	24.3	32	*	30	110	1.1	0.6
BT40-SLRB10-95-M42	1	10	22	6	95	42	26	*	26.4	32	*	30	130	1.2	0.8
BT40-SLRB10-105-M22	1	10	22	6	105	22	56	*	24.3	32	*	30	140	1.3	0.8
BT40-SLRB10-120-M67	1	10	22	6	120	67	26	*	29	42	*	30	155	1.3	1.1
BT40-SLRB10-125-M42	1	10	22	6	125	42	56	*	26.4	32	*	30	160	1.3	1.2
BT40-SLRB10-135-M22	2	10	22	6	135	22	30	56	24.3	32	46	30	170	1.7	0.9
BT40-SLRB10-150-M67	1	10	22	6	150	67	56	*	29	42	*	30	185	1.5	1.3
BT40-SLRB10-155-M42	2	10	22	6	155	42	30	56	26.4	32	46	30	190	1.7	1.3
BT40-SLRB10-180-M67	2	10	22	6	180	67	28	58	29	42	53	30	215	2.1	1.4
BT40-SLFB10-75-M22	1	10	22	6	75	22	26	*	24.3	32	*	30	110	1.1	0.6
BT40-SLFB10-95-M42	1	10	22	6	95	42	26	*	26.4	32	*	30	130	1.2	0.8
BT40-SLFB10-105-M22	1	10	22	6	105	22	56	*	24.3	32	*	30	140	1.3	0.8
BT40-SLFB10-120-M67	1	10	22	6	120	67	26	*	29	42	*	30	155	1.3	1.1
BT40-SLFB10-125-M42	1	10	22	6	125	42	56	*	26.4	32	*	30	160	1.3	1.2
BT40-SLFB10-135-M22	2	10	22	6	135	22	30	56	24.3	32	46	30	170	1.7	0.9
BT40-SLFB10-150-M67	1	10	22	6	150	67	56	*	29	42	*	30	185	1.5	1.3
BT40-SLFB10-155-M42	2	10	22	6	155	42	28	58	26.4	36	50	30	190	1.9	1.1
BT40-SLFB10-180-M67	2	10	22	6	180	67	28	58	29	42	53	30	215	2.1	1.4
BT40-SLSA12-95-M42	1	12	15	1.5	95	42	26	*	19.4	32	*	30	130	1.1	1.8
BT40-SLSA12-120-M67	1	12	15	1.5	120	67	26	*	22	32	*	30	155	1.1	3.3
BT40-SLSA12-125-M42	1	12	15	1.5	125	42	56	*	19.4	32	*	30	160	1.2	2.3
BT40-SLSA12-150-M67	1	12	15	1.5	150	67	56	*	22	36	*	30	185	1.4	3.6
BT40-SLSA12-150-M97	1	12	15	1.5	150	97	26	*	25.2	32	*	30	185	1.2	4.9
BT40-SLSA12-155-M42	2	12	15	1.5	155	42	30	56	19.4	32	46	30	190	1.6	2.3
BT40-SLSA12-180-M67	2	12	15	1.5	180	67	30	56	22	32	46	30	215	1.7	3.9
BT40-SLSA12-180-M97	1	12	15	1.5	180	97	56	*	25.2	32	*	30	215	1.4	5.8
BT40-SLSA12-210-M97	2	12	15	1.5	210	97	30	56	25.2	32	46	30	245	1.7	5.8

BT40 - SLSB - 10 - 75 - M22

- 加工有效长度 Working length
- L 长度 Length (L)
- 刀 杆 直 径 Diameter
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size

SLFB



BT40-SL 热缩刀柄（3°一体型） BT40-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

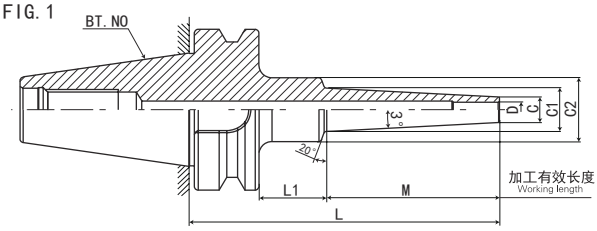
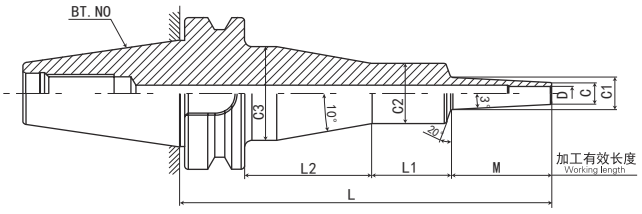
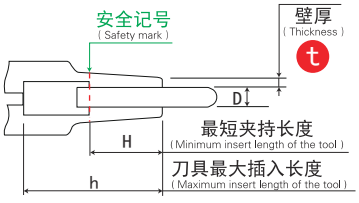




FIG. 2





注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT40-SLSB12-95-M42	1	12	19	3.5	95	42	26	*	23.4	32	*	30	130	1.1	1.1
BT40-SLSB12-120-M67	1	12	19	3.5	120	67	26	*	26	32	*	30	155	1.2	1.8
BT40-SLSB12-125-M42	1	12	19	3.5	125	42	56	*	23.4	32	*	30	160	1.3	1.5
BT40-SLSB12-150-M67	1	12	19	3.5	150	67	56	*	26	32	*	30	185	1.3	2.5
BT40-SLSB12-150-M97	1	12	19	3.5	150	97	26	*	29.2	42	*	30	185	1.3	2.4
BT40-SLSB12-155-M42	2	12	19	3.5	155	42	30	56	23.4	32	46	30	190	1.7	1.6
BT40-SLSB12-180-M67	2	12	19	3.5	180	67	28	58	26	36	50	30	215	1.9	2.2
BT40-SLSB12-180-M97	1	12	19	3.5	180	97	56	*	29.2	50	*	30	215	1.7	2.6
BT40-SLSB12-180-M127	1	12	19	3.5	180	127	26	*	32.3	42	*	30	215	1.5	3.3
BT40-SLSB12-210-M97	2	12	19	3.5	210	97	28	58	29.2	42	53	30	245	2.1	2.9
BT40-SLSB12-210-M127	1	12	19	3.5	210	127	56	*	32.3	50	*	30	245	1.9	3.5
BT40-SLSB12-210-M157	1	12	19	3.5	210	157	26	*	35.5	42	*	30	245	1.7	4.1
BT40-SLSB12-240-M127	1	12	19	3.5	240	127	86	*	32.3	50	*	30	275	2.2	3.8
BT40-SLSB12-240-M157	1	12	19	3.5	240	157	56	*	35.5	42	*	30	275	1.9	4.7
BT40-SLSB12-270-M157	2	12	19	3.5	270	157	28	58	35.5	42	53	30	305	2.4	4.8
BT40-SLRB12-75-M22	1	12	26	7	75	22	26	*	28.3	42	*	30	110	1.2	0.4
BT40-SLRB12-95-M42	1	12	26	7	95	42	26	*	30.4	42	*	30	130	1.2	0.6
BT40-SLRB12-105-M22	1	12	26	7	105	22	56	*	28.3	50	*	30	140	1.4	0.5
BT40-SLRB12-120-M67	1	12	26	7	120	67	26	*	33	42	*	30	155	1.4	0.8
BT40-SLRB12-125-M42	1	12	26	7	125	42	56	*	30.4	42	*	30	160	1.5	0.7
BT40-SLRB12-135-M22	1	12	26	7	135	22	86	*	28.3	50	*	30	170	1.8	0.6
BT40-SLRB12-150-M67	1	12	26	7	150	67	56	*	33	42	*	30	185	1.6	1.1
BT40-SLRB12-155-M42	2	12	26	7	155	42	28	58	30.4	42	53	30	190	2	0.8
BT40-SLRB12-180-M67	2	12	26	7	180	67	28	58	33	42	53	30	215	2.1	1.1

BT40 - SLSB - 12 - 95 - M42

- M42 — 加工有效长度 Working length
- 95 — L 长度 Length (L)
- 12 — 刀杆直径 Diameter
- SLSB — 功能代号 Holder type
- BT40 — 锥柄形式 Taper size

BT40-SL 热缩刀柄（3°一体型）

BT40-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

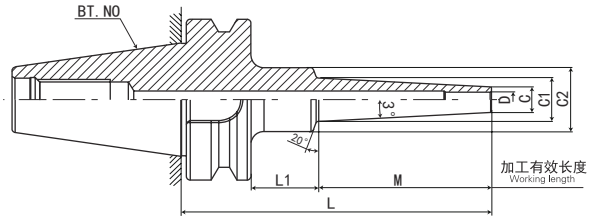
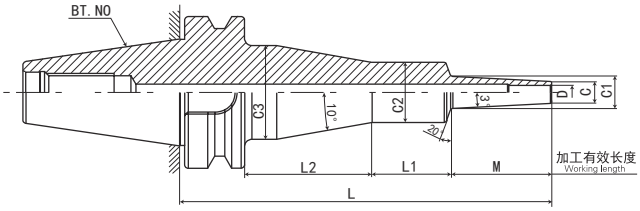
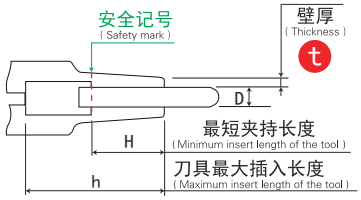




FIG. 2





注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT40-SLFB12-75-M22	1	12	26	7	75	22	26	*	28.3	42	*	30	110	1.2	0.4
BT40-SLFB12-95-M42	1	12	26	7	95	42	26	*	30.4	42	*	30	130	1.2	0.6
BT40-SLFB12-105-M22	1	12	26	7	105	22	56	*	28.3	42	*	30	140	1.4	0.5
BT40-SLFB12-120-M67	1	12	26	7	120	67	26	*	33	42	*	30	155	1.4	0.8
BT40-SLFB12-125-M42	1	12	26	7	125	42	56	*	30.4	42	*	30	160	1.5	0.7
BT40-SLFB12-135-M22	2	12	26	7	135	22	28	58	28.3	42	53	30	170	1.9	0.6
BT40-SLFB12-150-M67	1	12	26	7	150	67	56	*	33	42	*	30	185	1.6	1.1
BT40-SLFB12-155-M42	1	12	26	7	155	42	86	*	30.4	50	*	30	190	2	0.8
BT40-SLFB12-180-M67	2	12	26	7	180	67	28	58	33	42	53	30	215	2.1	1.1
BT40-SLSB16-95-M42	1	16	24	4	95	42	26	*	28.4	42	*	32	105	1.2	0.7
BT40-SLSB16-120-M67	1	16	24	4	120	67	26	*	31	42	*	32	130	1.3	1.1
BT40-SLSB16-125-M42	1	16	24	4	125	42	56	*	28.4	42	*	32	135	1.4	0.9
BT40-SLSB16-150-M67	1	16	24	4	150	67	56	*	31	42	*	32	160	1.5	1.4
BT40-SLSB16-150-M97	1	16	24	4	150	97	26	*	34.2	42	*	32	160	1.4	1.7
BT40-SLSB16-155-M42	2	16	24	4	155	42	28	58	28.4	42	53	32	165	1.9	1
BT40-SLSB16-180-M67	2	16	24	4	180	67	28	58	31	42	53	32	190	2	1.5
BT40-SLSB16-180-M97	1	16	24	4	180	97	56	*	34.2	42	*	32	190	1.7	2.1
BT40-SLSB16-180-M127	1	16	24	4	180	127	26	*	37.3	53	*	32	190	1.7	2.1
BT40-SLSB16-210-M97	1	16	24	4	210	97	86	*	34.2	50	*	32	220	2.1	2.1
BT40-SLSB16-210-M127	1	16	24	4	210	127	56	*	37.3	50	*	32	220	2	2.5
BT40-SLSB16-210-M157	1	16	24	4	210	157	26	*	40.5	53	*	32	220	1.9	2.7
BT40-SLSB16-240-M127	1	16	24	4	240	127	86	*	37.3	53	*	32	250	2.5	2.6
BT40-SLSB16-240-M157	1	16	24	4	240	157	56	*	40.5	50	*	32	250	2.2	3.1
BT40-SLSB16-270-M157	1	16	24	4	270	157	86	*	40.5	53	*	32	280	2.7	3.5

BT40 - SLFB - 12 - 75 - M22

- 加工有效长度 Working length
- L 长度 Length（L）
- 刀 杆 直 径 Diameter
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size



BT40-SL 热缩刀柄（3°一体型） BT40-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

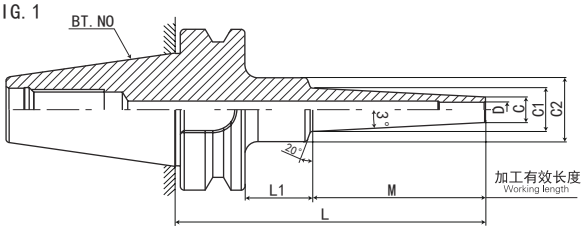
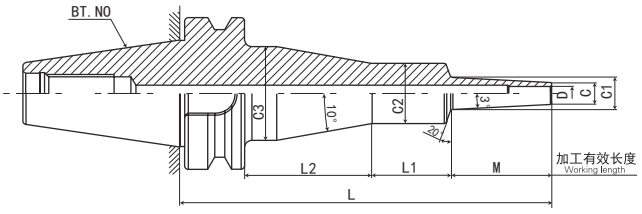
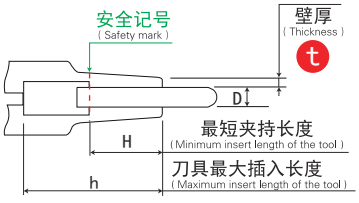




FIG. 2





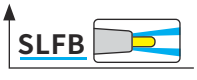
注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT40-SLRB16-75-M22	1	16	32	8	75	22	26	*	34.3	42	*	32	85	1.2	0.3
BT40-SLRB16-95-M42	1	16	32	8	95	42	26	*	36.4	42	*	32	105	1.3	0.5
BT40-SLRB16-105-M22	1	16	32	8	105	22	56	*	34.3	42	*	32	115	1.4	0.5
BT40-SLRB16-120-M67	1	16	32	8	120	67	26	*	39	42	*	32	130	1.5	0.7
BT40-SLRB16-125-M42	1	16	32	8	125	42	56	*	36.4	42	*	32	135	1.6	0.7
BT40-SLRB16-135-M22	2	16	32	8	135	22	28	58	34.3	42	53	32	145	2	0.5
BT40-SLRB16-150-M67	1	16	32	8	150	67	56	*	39	42	*	32	160	1.7	0.9
BT40-SLRB16-155-M42	2	16	32	8	155	42	28	58	36.4	42	53	32	165	2.1	0.7
BT40-SLRB16-180-M67	2	16	32	8	180	67	28	58	39	42	53	32	190	2.3	1
BT40-SLFB16-75-M22	1	16	32	8	75	22	26	*	34.3	42	*	32	85	1.2	0.3
BT40-SLFB16-95-M42	1	16	32	8	95	42	26	*	36.4	42	*	32	105	1.3	0.5
BT40-SLFB16-105-M22	1	16	32	8	105	22	56	*	34.3	42	*	32	115	1.4	0.5
BT40-SLFB16-120-M67	1	16	32	8	120	67	26	*	39	42	*	32	130	1.5	0.7
BT40-SLFB16-125-M42	1	16	32	8	125	42	56	*	36.4	42	*	32	135	1.6	0.7
BT40-SLFB16-135-M22	1	16	32	8	135	22	86	*	34.3	50	*	32	145	1.9	0.5
BT40-SLFB16-150-M67	1	16	32	8	150	67	56	*	39	42	*	32	160	1.7	0.9
BT40-SLFB16-155-M42	1	16	32	8	155	42	86	*	36.4	50	*	32	165	2	0.7
BT40-SLFB16-180-M67	2	16	32	8	180	67	28	58	39	42	53	32	190	2.3	1
BT40-SLSB20-95-M42	1	20	29	4.5	95	42	26	*	33.4	42	*	40	105	1.2	0.6
BT40-SLSB20-120-M67	1	20	29	4.5	120	67	26	*	36	42	*	40	130	1.3	0.9
BT40-SLSB20-125-M42	1	20	29	4.5	125	42	56	*	33.4	42	*	40	135	1.5	0.8
BT40-SLSB20-150-M67	1	20	29	4.5	150	67	56	*	36	42	*	40	160	1.6	1.2
BT40-SLSB20-150-M97	1	20	29	4.5	150	97	26	*	39.2	53	*	40	160	1.6	1.2
BT40-SLSB20-155-M42	2	20	29	4.5	155	42	28	58	33.4	42	53	40	165	2	0.9

BT40 - SLFB - 16 - 75 - M22

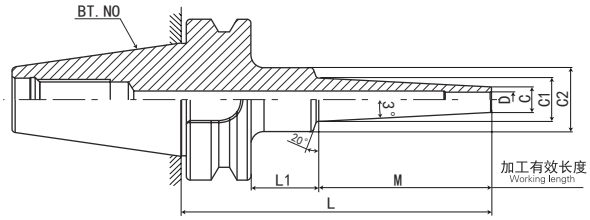
- M22 → 加工有效长度 Working length
- 75 → L 长度 Length (L)
- 16 → 刀杆直径 Diameter
- SLFB → 功能代号 Holder type
- BT40 → 锥柄形式 Taper size

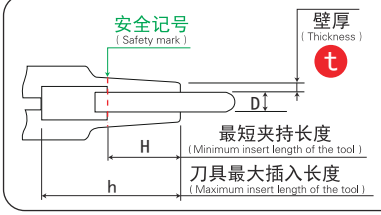


BT40-SL 热缩刀柄（3°一体型） BT40-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1



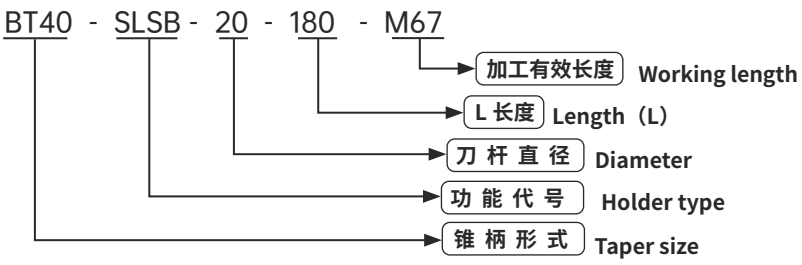


注意事项

● **拉钉** 请在加热时取下，或使用通孔拉钉。

● **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	D	C	t	L	M	L1	C1	C2	H	h	重量 KGS	S
BT40-SLSB20-180-M67	20	29	4.5	180	67	86	36	50	40	190	2	1.2
BT40-SLSB20-180-M97	20	29	4.5	180	97	56	39.2	50	40	190	1.9	1.4
BT40-SLSB20-180-M127	20	29	4.5	180	127	26	42.3	53	40	190	1.8	1.6
BT40-SLSB20-210-M97	20	29	4.5	210	97	86	39.2	53	40	220	2.4	1.6
BT40-SLSB20-210-M127	20	29	4.5	210	127	56	42.3	50	40	220	2.1	1.9
BT40-SLSB20-210-M157	20	29	4.5	210	157	26	45.5	50	40	220	2	2.1
BT40-SLSB20-240-M127	20	29	4.5	240	127	86	42.3	50	40	250	2.4	2.3
BT40-SLSB20-240-M157	20	29	4.5	240	157	56	45.5	50	40	250	2.4	2.4
BT40-SLSB20-270-M157	20	29	4.5	270	157	86	45.5	50	40	280	2.7	2.9
BT40-SLRB20-95-M42	20	38	9	95	42	26	42.4	53	40	105	1.5	0.4
BT40-SLRB20-120-M67	20	38	9	120	67	26	45	53	40	130	1.7	0.5
BT40-SLRB20-125-M42	20	38	9	125	42	56	42.4	53	40	135	1.9	0.5
BT40-SLRB20-150-M67	20	38	9	150	67	56	45	50	40	160	2	0.7
BT40-SLRB20-155-M42	20	38	9	155	42	86	42.4	53	40	165	2.2	0.6
BT40-SLRB20-180-M67	20	38	9	180	67	86	45	50	40	190	2.3	0.9
BT40-SLFB20-95-M42	20	38	9	95	42	26	42.4	53	40	105	1.5	0.4
BT40-SLFB20-120-M67	20	38	9	120	67	26	45	53	40	130	1.7	0.5
BT40-SLFB20-125-M42	20	38	9	125	42	56	42.4	53	40	135	1.9	0.5
BT40-SLFB20-150-M67	20	38	9	150	67	56	45	50	40	160	2	0.7
BT40-SLFB20-155-M42	20	38	9	155	42	86	42.4	50	40	165	2.1	0.7
BT40-SLFB20-180-M67	20	38	9	180	67	86	45	50	40	190	2.3	0.9
BT40-SLRB25-95-M42	25	45	10	95	42	26	49.4	53	45	105	1.5	0.3
BT40-SLRB25-125-M42	25	45	10	125	42	56	49.4	53	45	135	1.9	0.4
BT40-SLRB25-155-M42	25	45	10	155	42	86	49.4	53	45	165	2.3	0.6
BT40-SLFB25-95-M42	25	45	10	95	42	26	49.4	53	45	105	1.5	0.3
BT40-SLFB25-125-M42	25	45	10	125	42	56	49.4	53	45	135	1.9	0.4
BT40-SLFB25-155-M42	25	45	10	155	42	86	49.4	53	45	165	2.3	0.6
BT40-SLRB32-95-M42	32	54	11	95	42	26	58.4	63	50	87	1.8	0.3





BT40-SL 热缩刀柄（CV 曲线型） BT40-SL SHRINK FIT HOLDER(CV CURVE)



FIG. 1

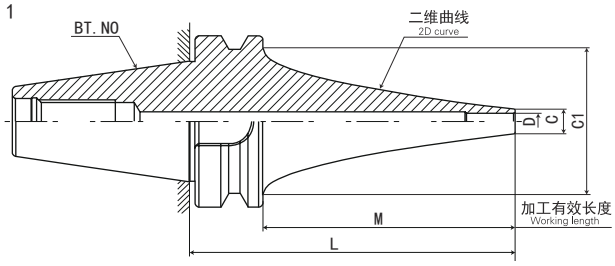
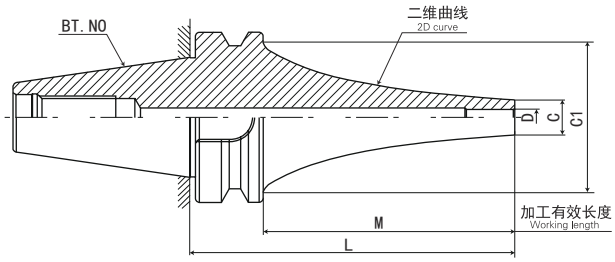
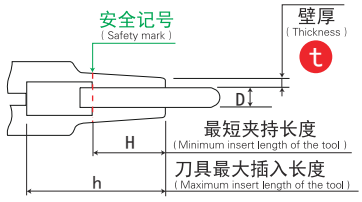




FIG. 2





注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	C1	H	h	重量 KGS	S
BT40-SLSA4-90CV	1	4	7	1.5	90	63	53	12	125	1.2	1.8
BT40-SLSA4-120CV	1	4	7	1.5	120	93	53	12	155	1.3	2.7
BT40-SLSA4-150CV	1	4	7	1.5	150	123	53	12	185	1.5	4
BT40-SLSA4-180CV	1	4	7	1.5	180	153	53	12	215	1.5	6.6
BT40-SLSA4-210CV	1	4	7	1.5	210	183	53	12	245	1.6	11.6
BT40-SLSA4-240CV	1	4	7	1.5	240	213	53	12	275	1.8	14
BT40-SLRA4-120CV	2	4	10	3	120	93	53	12	155	1.3	1.9
BT40-SLRA4-150CV	2	4	10	3	150	123	53	12	185	1.4	2.9
BT40-SLRA4-180CV	2	4	10	3	180	153	53	12	215	1.5	4.2
BT40-SLRA4-210CV	2	4	10	3	210	183	53	12	245	1.7	5.7
BT40-SLSA6-90CV	1	6	9	1.5	90	63	53	18	125	1.2	1.6
BT40-SLSA6-120CV	1	6	9	1.5	120	93	53	18	155	1.3	2.3
BT40-SLSA6-150CV	1	6	9	1.5	150	123	53	18	185	1.5	3.6
BT40-SLSA6-180CV	1	6	9	1.5	180	153	53	18	215	1.5	5.7
BT40-SLSA6-210CV	1	6	9	1.5	210	183	53	18	245	1.7	7.3
BT40-SLSA6-240CV	1	6	9	1.5	240	213	53	18	275	1.8	12
BT40-SLRA6-90CV	2	6	13	3.5	90	63	53	18	125	1.2	1.2
BT40-SLRA6-120CV	2	6	13	3.5	120	93	53	18	155	1.3	1.7
BT40-SLRA6-150CV	2	6	13	3.5	150	123	53	18	185	1.5	2.1
BT40-SLRA6-180CV	2	6	13	3.5	180	153	53	18	215	1.7	2.8
BT40-SLRA6-210CV	2	6	13	3.5	210	183	53	18	245	1.7	4.8

BT40 - SLSA - 4 - 90 - CV

- 曲 线 型 Curve
- L 长度 Length (L)
- 刀 杆 直 径 Diameter
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size

BT40-SL 热缩刀柄（CV 曲线型） BT40-SL SHRINK FIT HOLDER(CV CURVE)



FIG. 1

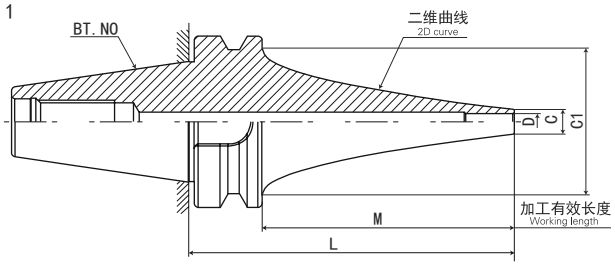
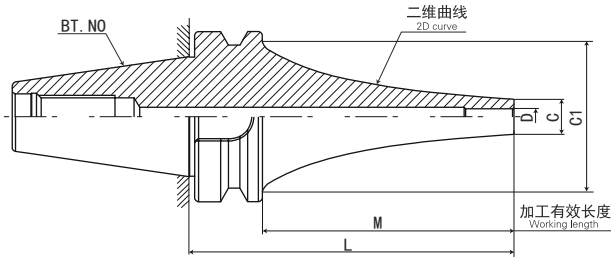
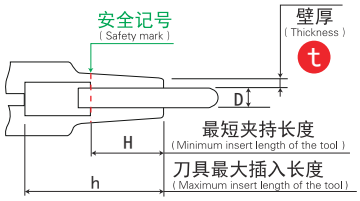




FIG. 2

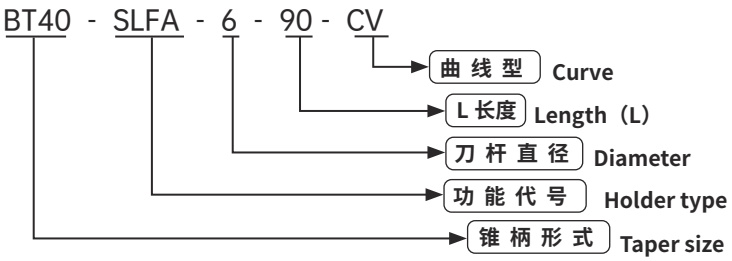




注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	C1	H	h	重量 KGS	S
BT40-SLFA6-90CV	2	6	13	3.5	90	63	53	18	125	1.2	1.2
BT40-SLFA6-120CV	2	6	13	3.5	120	93	53	18	155	1.3	1.7
BT40-SLFA6-150CV	2	6	13	3.5	150	123	53	18	185	1.5	2.1
BT40-SLFA6-180CV	2	6	13	3.5	180	153	53	18	215	1.7	2.8
BT40-SLFA6-210CV	2	6	13	3.5	210	183	53	18	245	1.7	4.8
BT40-SLSA8-90CV	1	8	11	1.5	90	63	53	24	125	1.2	1.4
BT40-SLSA8-120CV	1	8	11	1.5	120	93	53	24	155	1.3	2
BT40-SLSA8-150CV	1	8	11	1.5	150	123	53	24	185	1.5	2.7
BT40-SLSA8-180CV	1	8	11	1.5	180	153	53	24	215	1.6	5
BT40-SLSA8-210CV	1	8	11	1.5	210	183	53	24	245	1.7	6.6
BT40-SLSA8-240CV	1	8	11	1.5	240	213	53	24	275	1.9	8.3
BT40-SLRA8-90CV	2	8	16	4	90	63	53	24	125	1.2	0.7
BT40-SLRA8-120CV	2	8	16	4	120	93	53	24	155	1.4	1.2
BT40-SLRA8-150CV	2	8	16	4	150	123	53	24	185	1.6	1.8
BT40-SLRA8-180CV	2	8	16	4	180	153	53	24	215	1.7	2.6
BT40-SLRA8-210CV	2	8	16	4	210	183	53	24	245	1.8	3.5
BT40-SLFA8-90CV	2	8	16	4	90	63	53	24	125	1.2	0.7
BT40-SLFA8-120CV	2	8	16	4	120	93	53	24	155	1.4	1.2
BT40-SLFA8-150CV	2	8	16	4	150	123	53	24	185	1.6	1.8
BT40-SLFA8-180CV	2	8	16	4	180	153	53	24	215	1.7	2.6
BT40-SLFA8-210CV	2	8	16	4	210	183	53	24	245	1.8	3.5





BT40-SL 热缩刀柄（CV 曲线型） BT40-SL SHRINK FIT HOLDER(CV CURVE)



FIG. 1

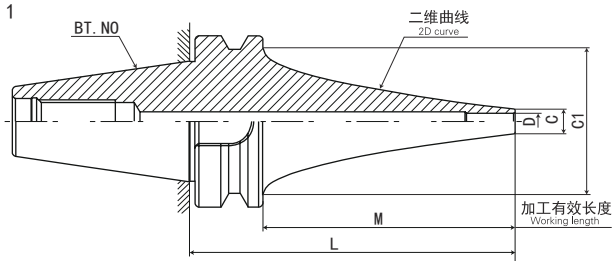
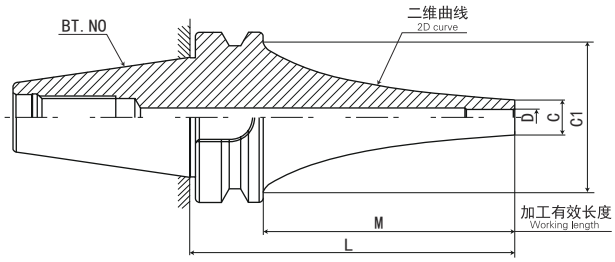
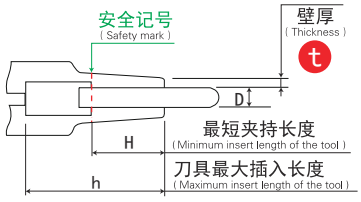




FIG. 2





注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	C1	H	h	重量 KGS	S
BT40-SLSA10-90CV	1	10	13	1.5	90	63	53	30	125	1.2	1.8
BT40-SLSA10-120CV	1	10	13	1.5	120	93	53	30	155	1.5	1.3
BT40-SLSA10-150CV	1	10	13	1.5	150	123	53	30	185	1.6	2.2
BT40-SLSA10-180CV	1	10	13	1.5	180	153	53	30	215	1.7	3.4
BT40-SLSA10-210CV	1	10	13	1.5	210	183	53	30	245	1.7	6
BT40-SLSA10-240CV	1	10	13	1.5	240	213	53	30	275	2	5.8
BT40-SLRA10-90CV	2	10	19	4.5	90	63	53	30	125	1.3	0.7
BT40-SLRA10-120CV	2	10	19	4.5	120	93	53	30	155	1.4	0.9
BT40-SLRA10-150CV	2	10	19	4.5	150	123	53	30	185	1.6	1.4
BT40-SLRA10-180CV	2	10	19	4.5	180	153	53	30	215	1.8	2
BT40-SLRA10-210CV	2	10	19	4.5	210	183	53	30	245	1.8	3.1
BT40-SLFA10-90CV	2	10	19	4.5	90	63	53	30	125	1.3	0.7
BT40-SLFA10-120CV	2	10	19	4.5	120	93	53	30	155	1.4	0.9
BT40-SLFA10-150CV	2	10	19	4.5	150	123	53	30	185	1.6	1.4
BT40-SLFA10-180CV	2	10	19	4.5	180	153	53	30	215	1.8	2
BT40-SLFA10-210CV	2	10	19	4.5	210	183	53	30	245	1.8	3.1
BT40-SLSA12-90CV	1	12	15	1.5	90	63	53	30	125	1.3	1.5
BT40-SLSA12-120CV	1	12	15	1.5	120	93	53	30	155	1.5	1.2
BT40-SLSA12-150CV	1	12	15	1.5	150	123	53	30	185	1.5	2.4
BT40-SLSA12-180CV	1	12	15	1.5	180	153	53	30	215	1.7	3.3
BT40-SLSA12-210CV	1	12	15	1.5	210	183	53	30	245	1.9	4.6
BT40-SLSA12-240CV	1	12	15	1.5	240	213	53	30	275	2	5.5

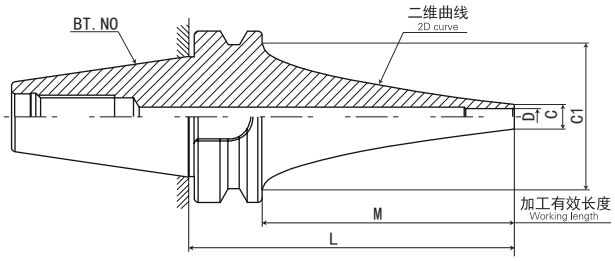
BT40 - SLSA - 10 - 90 - CV

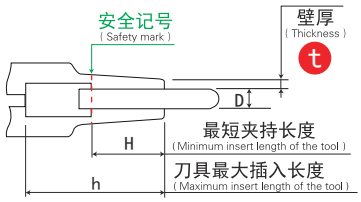
- 曲线型 Curve
- L 长度 Length (L)
- 刀杆直径 Diameter
- 功能代号 Holder type
- 锥柄形式 Taper size



BT40-SL 热缩刀柄（CV 曲线型） BT40-SL SHRINK FIT HOLDER(CV CURVE)







注意事项

● **拉钉** 请在加热时取下，或使用通孔拉钉。

● **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	D	C	t	L	M	C1	H	h	重量 KGS	S
BT40-SLRA12-90CV	12	22	5	90	63	53	30	125	1.3	0.6
BT40-SLRA12-120CV	12	22	5	120	93	53	30	155	1.6	0.7
BT40-SLRA12-150CV	12	22	5	150	123	53	30	185	1.7	1.1
BT40-SLRA12-180CV	12	22	5	180	153	53	30	215	1.7	1.9
BT40-SLRA12-210CV	12	22	5	210	183	53	30	245	1.8	2.8
BT40-SLFA12-90CV	12	22	5	90	63	53	30	125	1.3	0.6
BT40-SLFA12-120CV	12	22	5	120	93	53	30	155	1.6	0.7
BT40-SLFA12-150CV	12	22	5	150	123	53	30	185	1.7	1.1
BT40-SLFA12-180CV	12	22	5	180	153	53	30	215	1.7	1.9
BT40-SLFA12-210CV	12	22	5	210	183	53	30	245	1.8	2.8
BT40-SLSB16-90CV	16	21	2.5	90	63	53	32	100	1.3	0.6
BT40-SLSB16-120CV	16	21	2.5	120	93	53	32	130	1.5	0.8
BT40-SLSB16-150CV	16	21	2.5	150	123	53	32	160	1.6	1.5
BT40-SLSB16-180CV	16	21	2.5	180	153	53	32	190	1.9	1.9
BT40-SLSB16-210CV	16	21	2.5	210	183	53	32	220	2	3
BT40-SLSB16-240CV	16	21	2.5	240	213	53	32	250	2.2	3.7
BT40-SLSB20-90CV	20	26	3	90	63	50.5	40	100	1.3	0.5
BT40-SLSB20-120CV	20	26	3	120	93	53	40	130	1.5	0.8
BT40-SLSB20-150CV	20	26	3	150	123	53	40	160	1.6	1.3
BT40-SLSB20-180CV	20	26	3	180	153	53	40	190	1.9	1.8
BT40-SLSB20-210CV	20	26	3	210	183	53	40	220	2.1	2.3
BT40-SLSB20-240CV	20	26	3	240	213	53	40	250	2.4	3

BT40 - SLFA - 6 - 90 - CV

- 曲线型 Curve
- L长度 Length（L）
- 刀杆直径 Diameter
- 功能代号 Holder type
- 锥柄形式



BT50-SL 热缩刀柄（3°一体型） BT50-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

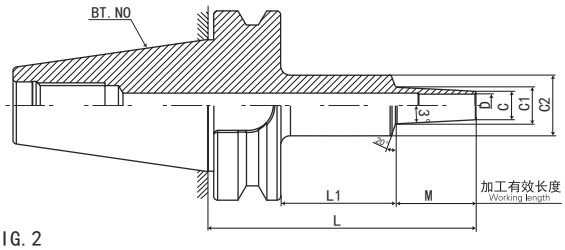
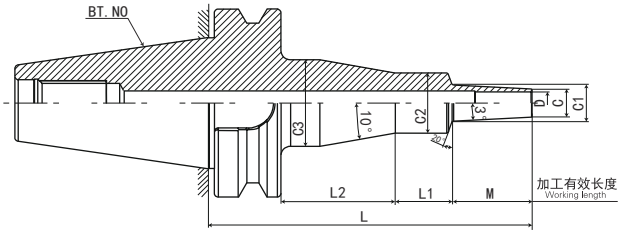
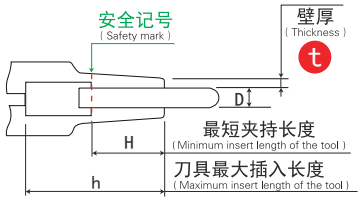




FIG. 2





注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT50-SLSA3-110-M42	1	3	6	1.5	110	42	30	*	10.4	25	*	9	165	3.6	9.1
BT50-SLSA3-135-M67	1	3	6	1.5	135	67	30	*	13	25	*	9	190	3.6	14.7
BT50-SLSA3-140-M42	1	3	6	1.5	140	42	60	*	10.4	25	*	9	195	3.7	9.8
BT50-SLSA3-165-M67	1	3	6	1.5	165	67	60	*	13	25	*	9	220	3.7	15.9
BT50-SLSA3-165-M97	1	3	6	1.5	165	97	30	*	16.2	26	*	9	220	3.7	20.8
BT50-SLSA3-170-M42	2	3	6	1.5	170	42	33	57	10.4	26	40	9	225	4.1	9.9
BT50-SLSA3-195-M67	2	3	6	1.5	195	67	33	57	13	26	40	9	250	4.1	15.8
BT50-SLSA3-195-M97	1	3	6	1.5	195	97	60	*	16.2	26	*	9	250	3.8	22.3
BT50-SLSA3-225-M97	2	3	6	1.5	225	97	33	57	16.2	26	40	9	280	4.1	22.1
BT50-SLRA3-90-M22	1	3	7.5	2.25	90	22	30	*	9.8	25	*	9	145	3.6	2.8
BT50-SLRA3-110-M42	1	3	7.5	2.25	110	42	30	*	11.9	26	*	9	165	3.7	5.4
BT50-SLRA3-120-M22	1	3	7.5	2.25	120	22	60	*	9.8	25	*	9	175	3.7	3.2
BT50-SLRA3-135-M67	1	3	7.5	2.25	135	67	30	*	14.5	26	*	9	190	3.7	9
BT50-SLRA3-140-M42	1	3	7.5	2.25	140	42	60	*	11.9	26	*	9	195	3.8	6
BT50-SLRA3-150-M22	2	3	7.5	2.25	150	22	33	57	9.8	25	39	9	205	4	3.2
BT50-SLRA3-165-M67	1	3	7.5	2.25	165	67	60	*	14.5	25	*	9	220	3.8	10
BT50-SLRA3-165-M97	1	3	7.5	2.25	165	97	30	*	17.7	26	*	9	220	3.7	13
BT50-SLRA3-170-M42	2	3	7.5	2.25	170	42	33	57	11.9	26	40	9	225	4.1	6
BT50-SLRA3-195-M67	2	3	7.5	2.25	195	67	33	57	14.5	26	40	9	250	4.1	9.8
BT50-SLRA3-195-M97	1	3	7.5	2.25	195	97	60	*	17.7	26	*	9	250	3.8	14.5
BT50-SLRA3-195-M127	1	3	7.5	2.25	195	127	30	*	20.8	32	*	9	250	3.8	15.7
BT50-SLRA3-225-M97	2	3	7.5	2.25	225	97	33	57	17.7	25	39	9	280	4.1	14.4
BT50-SLRA3-225-M127	1	3	7.5	2.25	225	127	60	*	20.8	36	*	9	280	4.1	16.3
BT50-SLRA3-255-M127	2	3	7.5	2.25	255	127	30	60	20.8	32	46	9	310	4.4	16.5

BT50 - SLSA - 3 - 110 - M42

- M42 → 加工有效长度 Working length
- 110 → L 长度 Length (L)
- 3 → 刀 杆 直 径 Diameter
- SLSA → 功 能 代 号 Holder type
- BT50 → 锥 柄 形 式 Taper size

BT50-SL 热缩刀柄（3°一体型） BT50-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

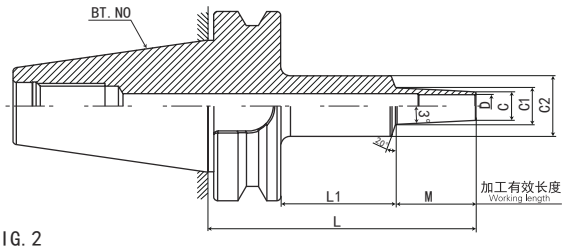
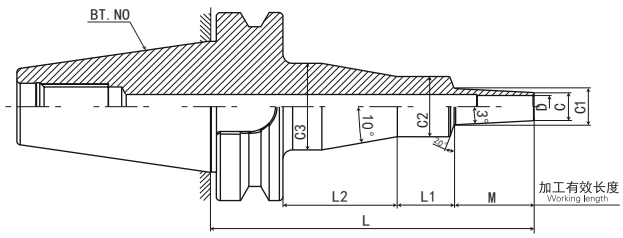
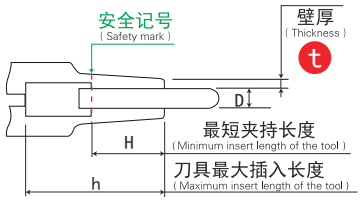




FIG. 2





注意事项

● **拉钉** 请在加热时取下，或使用通孔拉钉。

● **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT50-SLFB3-90-M22	1	3	9.5	3.25	90	22	30	*	11.8	26	*	9	145	3.6	1.9
BT50-SLFB3-110-M42	1	3	9.5	3.25	110	42	30	*	13.9	26	*	9	165	3.7	3.3
BT50-SLFB3-120-M22	1	3	9.5	3.25	120	22	60	*	11.8	25	*	9	175	3.7	2.4
BT50-SLFB3-135-M67	1	3	9.5	3.25	135	67	30	*	16.5	26	*	9	190	3.7	5.4
BT50-SLFB3-140-M42	1	3	9.5	3.25	140	42	60	*	13.9	25	*	9	195	3.7	4
BT50-SLFB3-150-M22	2	3	9.5	3.25	150	22	33	57	11.8	25	39	9	205	4	2.3
BT50-SLFB3-165-M67	1	3	9.5	3.25	165	67	60	*	16.5	26	*	9	220	3.8	6.4
BT50-SLFB3-170-M42	2	3	9.5	3.25	170	42	33	57	13.9	25	39	9	225	4	3.9
BT50-SLFB3-195-M67	2	3	9.5	3.25	195	67	33	57	16.5	25	39	9	250	4.1	6.4
BT50-SLSA4-110-M42	1	4	7	1.5	110	42	30	*	11.4	25	*	12	165	3.6	7.2
BT50-SLSA4-135-M67	1	4	7	1.5	135	67	30	*	14	25	*	12	190	3.6	11.8
BT50-SLSA4-140-M42	1	4	7	1.5	140	42	60	*	11.4	25	*	12	195	3.7	8
BT50-SLSA4-165-M67	1	4	7	1.5	165	67	60	*	14	25	*	12	220	3.7	13
BT50-SLSA4-165-M97	1	4	7	1.5	165	97	30	*	17.2	25	*	12	220	3.7	16.7
BT50-SLSA4-170-M42	2	4	7	1.5	170	42	33	57	11.4	25	39	12	225	4	7.9
BT50-SLSA4-195-M67	2	4	7	1.5	195	67	33	57	14	25	39	12	250	4	12.8
BT50-SLSA4-195-M97	1	4	7	1.5	195	97	60	*	17.2	26	*	12	250	3.8	18.4
BT50-SLSA4-225-M97	2	4	7	1.5	225	97	33	57	17.2	25	39	12	280	4.1	18.2
BT50-SLRA4-90-M22	1	4	10	3	90	22	30	*	12.3	25	*	12	145	3.6	1.7
BT50-SLRA4-110-M42	1	4	10	3	110	42	30	*	14.4	25	*	12	165	3.6	3.1
BT50-SLRA4-120-M22	1	4	10	3	120	22	60	*	12.3	25	*	12	175	3.7	2.2
BT50-SLRA4-135-M67	1	4	10	3	135	67	30	*	17	25	*	12	190	3.7	5.2
BT50-SLRA4-140-M42	1	4	10	3	140	42	60	*	14.4	25	*	12	195	3.7	3.9
BT50-SLRA4-150-M22	2	4	10	3	150	22	33	57	12.3	25	39	12	205	4	2.2

BT50 - SLFB - 3 - 90 - M22

- M22 → 加工有效长度 Working length
- 90 → L 长度 Length (L)
- 3 → 刀杆直径 Diameter
- SLFB → 功能代号 Holder type
- BT50 → 锥柄形式 Taper size



BT50-SL 热缩刀柄（3°一体型） BT50-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

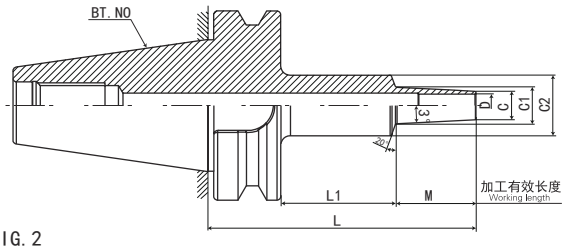
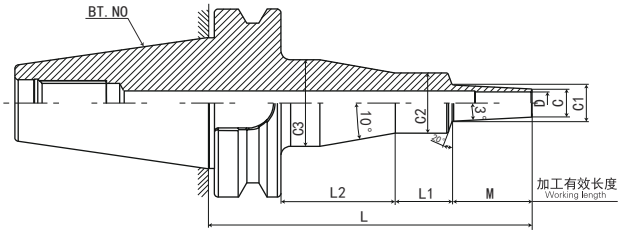
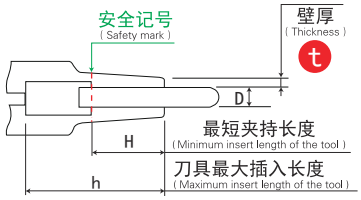




FIG. 2





注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT50-SLRA4-165-M67	1	4	10	3	165	67	60	*	17	25	*	12	220	3.8	6.4
BT50-SLRA4-165-M97	1	4	10	3	165	97	30	*	20.2	25	*	12	220	3.7	7.9
BT50-SLRA4-170-M42	2	4	10	3	170	42	33	57	14.4	25	39	12	225	4	3.8
BT50-SLRA4-195-M67	2	4	10	3	195	67	33	57	17	25	39	12	250	4.1	6.2
BT50-SLRA4-195-M97	1	4	10	3	195	97	60	*	20.2	25	*	12	250	3.8	9.7
BT50-SLRA4-195-M127	1	4	10	3	195	127	30	*	23.3	32	*	12	250	3.8	9.4
BT50-SLRA4-225-M97	2	4	10	3	225	97	30	60	20.2	25	39	12	280	4.1	9.4
BT50-SLRA4-225-M127	1	4	10	3	225	127	60	*	23.3	32	*	12	280	4	10.4
BT50-SLRA4-255-M127	2	4	10	3	255	127	30	60	23.3	32	46	12	310	4.4	10.3
BT50-SLFB4-90-M22	1	4	12	4	90	22	30	*	14.3	25	*	12	145	3.6	1.4
BT50-SLFB4-110-M42	1	4	12	4	110	42	30	*	16.4	25	*	12	165	3.7	2.2
BT50-SLFB4-120-M22	1	4	12	4	120	22	60	*	14.3	25	*	12	175	3.7	1.9
BT50-SLFB4-135-M67	1	4	12	4	135	67	30	*	19	26	*	12	190	3.7	3.6
BT50-SLFB4-140-M42	1	4	12	4	140	42	60	*	16.4	26	*	12	195	3.8	2.9
BT50-SLFB4-150-M22	2	4	12	4	150	22	33	57	14.3	25	39	12	205	4	1.8
BT50-SLFB4-165-M67	1	4	12	4	165	67	60	*	19	25	*	12	220	3.8	4.8
BT50-SLFB4-170-M42	2	4	12	4	170	42	33	57	16.4	26	40	12	225	4.1	2.8
BT50-SLFB4-195-M67	2	4	12	4	195	67	33	57	19	26	40	12	250	4.2	4.5
BT50-SLSA6-110-M42	1	6	9	1.5	110	42	30	*	13.4	25	*	18	165	3.6	4.8
BT50-SLSA6-135-M67	1	6	9	1.5	135	67	30	*	16	25	*	18	190	3.7	8.1
BT50-SLSA6-140-M42	1	6	9	1.5	140	42	60	*	13.4	25	*	18	195	3.7	5.7
BT50-SLSA6-165-M67	1	6	9	1.5	165	67	60	*	16	25	*	18	220	3.8	9.4
BT50-SLSA6-165-M97	1	6	9	1.5	165	97	30	*	19.2	32	*	18	220	3.7	11
BT50-SLSA6-170-M42	2	6	9	1.5	170	42	33	57	13.4	26	40	18	225	4.1	5.5
BT50-SLSA6-195-M67	2	6	9	1.5	195	67	33	57	16	25	39	18	250	4	9.2
BT50-SLSA6-195-M97	1	6	9	1.5	195	97	60	*	19.2	32	*	18	250	3.9	11.7
BT50-SLSA6-225-M97	2	6	9	1.5	225	97	30	60	19.2	32	46	18	280	4.3	11.7

BT50 - SLRA - 4 - 165 - M67

- M67 → 加工有效长度 Working length
- 165 → L 长度 Length (L)
- 4 → 刀 杆 直 径 Diameter
- SLRA → 功 能 代 号 Holder type
- BT50 → 锥 柄 形 式 Taper size

SLFB

BT50-SL 热缩刀柄（3°一体型）

BT50-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

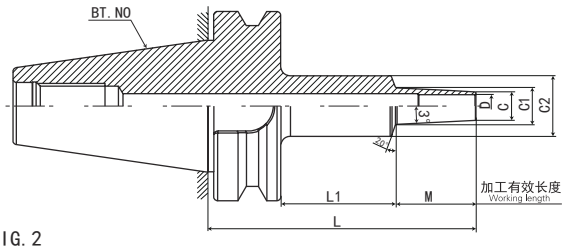
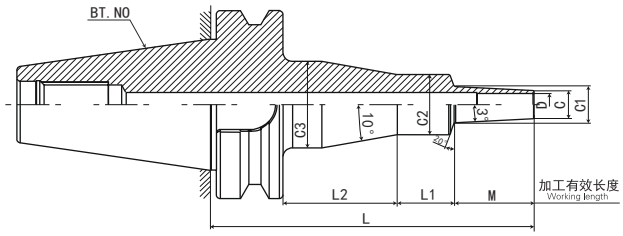
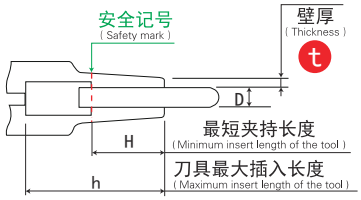




FIG. 2





注意事项

● **拉钉** 请在加热时取下，或使用通孔拉钉。

● **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT50-SLSB6-110-M42	1	6	10	2	110	42	30	*	14.4	25	*	18	165	3.6	3.7
BT50-SLSB6-135-M67	1	6	10	2	135	67	30	*	17	25	*	18	190	3.7	6.2
BT50-SLSB6-140-M42	1	6	10	2	140	42	60	*	14.4	25	*	18	195	3.7	4.6
BT50-SLSB6-165-M67	1	6	10	2	165	67	60	*	17	25	*	18	220	3.8	7.6
BT50-SLSB6-165-M97	1	6	10	2	165	97	30	*	20.2	32	*	18	220	3.8	8.5
BT50-SLSB6-170-M42	2	6	10	2	170	42	33	57	14.4	25	39	18	225	4	4.4
BT50-SLSB6-195-M67	2	6	10	2	195	67	33	57	17	25	39	18	250	4.1	7.3
BT50-SLSB6-195-M97	1	6	10	2	195	97	60	*	20.2	32	*	18	250	3.9	9.2
BT50-SLSB6-195-M127	1	6	10	2	195	127	30	*	23.3	32	*	18	250	3.8	11.1
BT50-SLSB6-225-M97	2	6	10	2	225	97	30	60	20.2	32	46	18	280	4.3	9.2
BT50-SLSB6-225-M127	1	6	10	2	225	127	60	*	23.3	32	*	18	280	4	12.1
BT50-SLSB6-225-M157	1	6	10	2	225	157	30	*	26.5	32	*	18	280	3.9	13.3
BT50-SLSB6-255-M127	2	6	10	2	255	127	30	60	23.3	32	46	18	310	4.4	12
BT50-SLSB6-255-M157	1	6	10	2	255	157	60	*	26.5	32	*	18	310	4.1	14.7
BT50-SLSB6-285-M157	2	6	10	2	285	157	30	60	26.5	32	46	18	340	4.5	14.5
BT50-SLRB6-90-M22	1	6	14	4	90	22	30	*	16.3	32	*	18	145	3.7	1
BT50-SLRB6-110-M42	1	6	14	4	110	42	30	*	18.4	32	*	18	165	3.7	1.6
BT50-SLRB6-120-M22	1	6	14	4	120	22	60	*	16.3	32	*	18	175	3.8	1.2
BT50-SLRB6-135-M67	1	6	14	4	135	67	30	*	21	32	*	18	190	3.8	2.6
BT50-SLRB6-140-M42	1	6	14	4	140	42	60	*	18.4	32	*	18	195	3.9	1.9
BT50-SLRB6-150-M22	2	6	14	4	150	22	30	60	16.3	32	46	18	205	4.2	1.2
BT50-SLRB6-165-M67	1	6	14	4	165	67	60	*	21	32	*	18	220	3.9	3.1
BT50-SLRB6-170-M42	2	6	14	4	170	42	30	60	18.4	32	46	18	225	4.3	1.9
BT50-SLRB6-195-M67	2	6	14	4	195	67	30	60	21	32	46	18	250	4.3	3

BT50 - SLSB - 6 - 110 - M42

- M42 → 加工有效长度 Working length
- 110 → L 长度 Length (L)
- 6 → 刀 杆 直 径 Diameter
- SLSB → 功 能 代 号 Holder type
- BT50 → 锥 柄 形 式 Taper size

数控刀柄系列 CNC TOOL SYSTEMS

BT50-SL 热缩刀柄（3°一体型） BT50-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

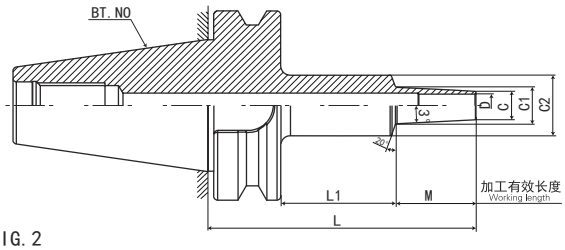
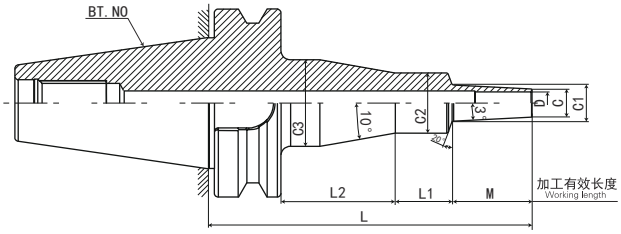
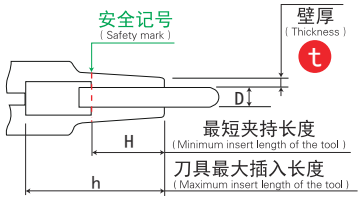




FIG. 2





注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT50-SLFB6-90-M22	1	6	14	4	90	22	30	*	16.3	32	*	18	145	3.7	1
BT50-SLFB6-110-M42	1	6	14	4	110	42	30	*	18.4	32	*	18	165	3.7	1.6
BT50-SLFB6-120-M22	1	6	14	4	120	22	60	*	16.3	32	*	18	175	3.8	1.2
BT50-SLFB6-135-M67	1	6	14	4	135	67	30	*	21	32	*	18	190	3.8	2.6
BT50-SLFB6-140-M42	1	6	14	4	140	42	60	*	18.4	32	*	18	195	3.9	1.9
BT50-SLFB6-150-M22	2	6	14	4	150	22	30	60	16.3	32	46	18	205	4.2	1.2
BT50-SLFB6-165-M67	1	6	14	4	165	67	60	*	21	32	*	18	220	3.9	3.1
BT50-SLFB6-170-M42	2	6	14	4	170	42	30	60	18.4	32	46	18	225	4.3	1.9
BT50-SLFB6-195-M67	2	6	14	4	195	67	30	60	21	32	46	18	250	4.3	3
BT50-SLSA8-110-M42	1	8	11	1.5	110	42	30	*	15.4	25	*	24	165	3.6	3.5
BT50-SLSA8-135-M67	1	8	11	1.5	135	67	30	*	18	32	*	24	190	3.7	5.4
BT50-SLSA8-140-M42	1	8	11	1.5	140	42	60	*	15.4	25	*	24	195	3.7	4.4
BT50-SLSA8-165-M67	1	8	11	1.5	165	67	60	*	18	32	*	24	220	3.9	5.9
BT50-SLSA8-165-M97	1	8	11	1.5	165	97	30	*	21.2	32	*	24	220	3.8	7.9
BT50-SLSA8-170-M42	2	8	11	1.5	170	42	33	57	15.4	25	39	24	225	4	4.3
BT50-SLSA8-195-M67	2	8	11	1.5	195	67	30	60	18	32	46	24	250	4.3	5.9
BT50-SLSA8-195-M97	1	8	11	1.5	195	97	60	*	21.2	32	*	24	250	3.9	8.7
BT50-SLSA8-225-M97	2	8	11	1.5	225	97	28	62	21.2	36	50	24	280	4.5	8.3
BT50-SLSB8-110-M42	1	8	13	2.5	110	42	30	*	17.4	32	*	24	165	3.7	2.1
BT50-SLSB8-135-M67	1	8	13	2.5	135	67	30	*	20	32	*	24	190	3.7	3.5
BT50-SLSB8-140-M42	1	8	13	2.5	140	42	60	*	17.4	32	*	24	195	3.8	2.4
BT50-SLSB8-165-M67	1	8	13	2.5	165	67	60	*	20	32	*	24	220	3.9	4
BT50-SLSB8-165-M97	1	8	13	2.5	165	97	30	*	23.2	32	*	24	220	3.8	5.3
BT50-SLSB8-170-M42	2	8	13	2.5	170	42	30	60	17.4	32	46	24	225	4.3	2.4

BT50 - SLFB - 6 - 90 - M22

- 加工有效长度 Working length
- L 长度 Length (L)
- 刀 杆 直 径 Diameter
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size



BT50-SL 热缩刀柄（3°一体型）

BT50-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

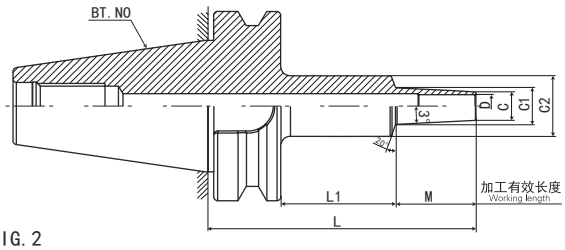
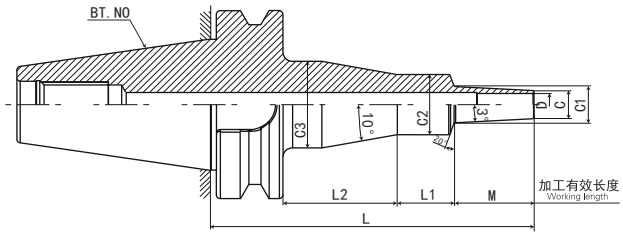
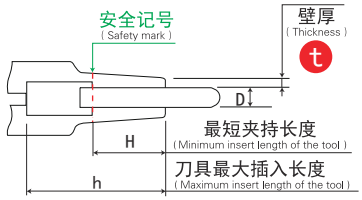




FIG. 2





注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT50-SLSB8-195-M67	2	8	13	2.5	195	67	30	60	20	32	46	24	250	4.3	4
BT50-SLSB8-195-M97	1	8	13	2.5	195	97	60	*	23.2	32	*	24	250	4	6.1
BT50-SLSB8-195-M127	1	8	13	2.5	195	127	30	*	26.3	32	*	24	250	3.9	7.1
BT50-SLSB8-225-M97	2	8	13	2.5	225	97	30	60	23.2	32	46	24	280	4.4	6
BT50-SLSB8-225-M127	1	8	13	2.5	225	127	60	*	26.3	32	*	24	280	4	8.2
BT50-SLSB8-225-M157	1	8	13	2.5	225	157	30	*	29.5	42	*	24	280	4	8
BT50-SLSB8-255-M127	2	8	13	2.5	255	127	30	60	26.3	32	46	24	310	4.5	8.1
BT50-SLSB8-255-M157	1	8	13	2.5	255	157	60	*	29.5	42	*	24	310	4.3	8.5
BT50-SLSB8-285-M157	2	8	13	2.5	285	157	28	60	29.5	42	56	24	340	4.9	8.5
BT50-SLRB8-90-M22	1	8	18	5	90	22	30	*	20.3	32	*	24	145	3.7	0.7
BT50-SLRB8-110-M42	1	8	18	5	110	42	30	*	22.4	32	*	24	165	3.7	1.1
BT50-SLRB8-120-M22	1	8	18	5	120	22	60	*	20.3	32	*	24	175	3.8	0.9
BT50-SLRB8-135-M67	1	8	18	5	135	67	30	*	25	32	*	24	190	3.8	1.7
BT50-SLRB8-140-M42	1	8	18	5	140	42	60	*	22.4	32	*	24	195	3.9	1.4
BT50-SLRB8-150-M22	2	8	18	5	150	22	30	60	20.3	32	46	24	205	4.3	0.9
BT50-SLRB8-165-M67	1	8	18	5	165	67	60	*	25	32	*	24	220	4	2.2
BT50-SLRB8-170-M42	2	8	18	5	170	42	28	62	22.4	36	50	24	225	4.5	1.3
BT50-SLRB8-195-M67	2	8	18	5	195	67	30	60	25	32	46	24	250	4.4	2.2
BT50-SLFB8-90-M22	1	8	18	5	90	22	30	*	20.3	32	*	24	145	3.7	0.7
BT50-SLFB8-110-M42	1	8	18	5	110	42	30	*	22.4	32	*	24	165	3.7	1.1
BT50-SLFB8-120-M22	1	8	18	5	120	22	60	*	20.3	32	*	24	175	3.8	0.9
BT50-SLFB8-135-M67	1	8	18	5	135	67	30	*	25	32	*	24	190	3.8	1.7
BT50-SLFB8-140-M42	1	8	18	5	140	42	60	*	22.4	32	*	24	195	3.9	1.4
BT50-SLFB8-150-M22	2	8	18	5	150	22	30	60	20.3	32	46	24	205	4.3	0.9
BT50-SLFB8-165-M67	1	8	18	5	165	67	60	*	25	32	*	24	220	4	2.2
BT50-SLFB8-170-M42	2	8	18	5	170	42	30	60	22.4	32	46	24	225	4.3	1.4
BT50-SLFB8-195-M67	2	8	18	5	195	67	30	60	25	32	46	24	250	4.4	2.2

BT50 - SLSB - 8 - 195 - M67

- 加工有效长度 Working length
- L 长度 Length (L)
- 刀 杆 直 径 Diameter
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size

SLFB



BT50-SL 热缩刀柄（3°一体型） BT50-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

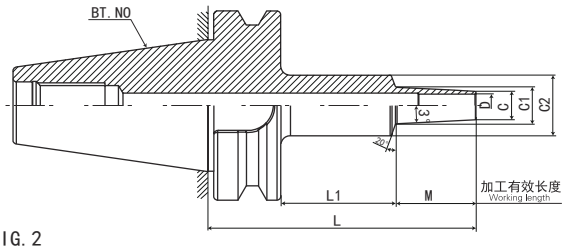
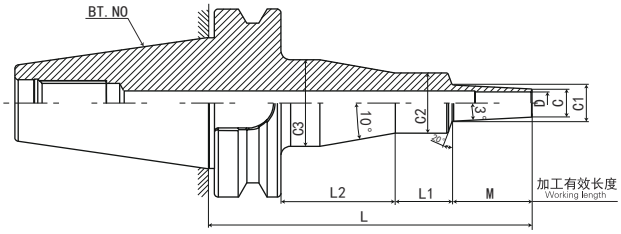
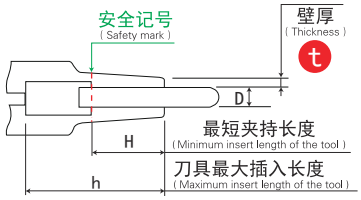




FIG. 2





注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT50-SLSA10-110-M42	1	10	13	1.5	110	42	30	*	17.4	25	*	30	165	3.6	2.6
BT50-SLSA10-135-M67	1	10	13	1.5	135	67	30	*	20	32	*	30	190	3.7	4
BT50-SLSA10-140-M42	1	10	13	1.5	140	42	60	*	17.4	25	*	30	195	3.7	3.7
BT50-SLSA10-165-M67	1	10	13	1.5	165	67	60	*	20	32	*	30	220	3.9	4.6
BT50-SLSA10-165-M97	1	10	13	1.5	165	97	30	*	23.2	32	*	30	220	3.8	6
BT50-SLSA10-170-M42	2	10	13	1.5	170	42	33	57	17.4	25	39	30	225	4	3.5
BT50-SLSA10-195-M67	2	10	13	1.5	195	67	30	60	20	32	46	30	250	4.3	4.6
BT50-SLSA10-195-M97	1	10	13	1.5	195	97	60	*	23.2	32	*	30	250	3.9	6.9
BT50-SLSA10-225-M97	2	10	13	1.5	225	97	30	60	23.2	32	46	30	280	4.4	6.8
BT50-SLSB10-110-M42	1	10	16	3	110	42	30	*	20.4	32	*	30	165	3.7	1.4
BT50-SLSB10-135-M67	1	10	16	3	135	67	30	*	23	32	*	30	190	3.8	2.4
BT50-SLSB10-140-M42	1	10	16	3	140	42	60	*	20.4	32	*	30	195	3.9	1.8
BT50-SLSB10-165-M67	1	10	16	3	165	67	60	*	23	32	*	30	220	3.9	3
BT50-SLSB10-165-M97	1	10	16	3	165	97	30	*	26.2	32	*	30	220	3.9	3.7
BT50-SLSB10-170-M42	2	10	16	3	170	42	30	60	20.4	32	46	30	225	4.3	1.8
BT50-SLSB10-195-M67	2	10	16	3	195	67	30	60	23	32	46	30	250	4.3	3
BT50-SLSB10-195-M97	1	10	16	3	195	97	60	*	26.2	32	*	30	250	4	4.5
BT50-SLSB10-195-M127	1	10	16	3	195	127	30	*	29.3	42	*	30	250	4	4.5
BT50-SLSB10-225-M97	2	10	16	3	225	97	30	60	26.2	32	46	30	280	4.4	4.4
BT50-SLSB10-225-M127	1	10	16	3	225	127	60	*	29.3	42	*	30	280	4.2	4.9
BT50-SLSB10-225-M157	1	10	16	3	225	157	30	*	32.5	42	*	30	280	4.1	5.6
BT50-SLSB10-255-M127	2	10	16	3	255	127	28	62	29.3	42	56	30	310	4.8	4.9
BT50-SLSB10-255-M157	1	10	16	3	255	157	60	*	32.5	42	*	30	310	4.4	6.1
BT50-SLSB10-285-M157	2	10	16	3	285	157	28	62	32.5	42	56	30	340	5	6.1

BT50 - SLSA - 10 - 110 - M42

- M42 → 加工有效长度 Working length
- 110 → L 长度 Length (L)
- 10 → 刀杆直径 Diameter
- SLSA → 功能代号 Holder type
- BT50 → 锥柄形式 Taper size

BT50-SL 热缩刀柄（3°一体型） BT50-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

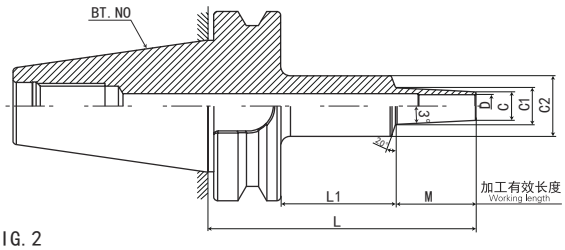
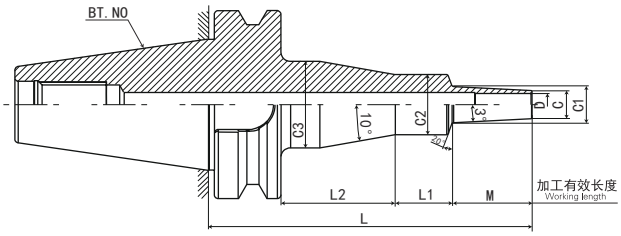
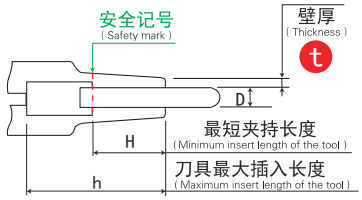




FIG. 2





注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT50-SLRB10-90-M22	1	10	22	6	90	22	30	*	24.3	32	*	30	145	3.7	0.6
BT50-SLRB10-110-M42	1	10	22	6	110	42	30	*	26.4	32	*	30	165	3.8	0.8
BT50-SLRB10-120-M22	1	10	22	6	120	22	60	*	24.3	32	*	30	175	3.9	0.8
BT50-SLRB10-135-M67	1	10	22	6	135	67	30	*	29	42	*	30	190	3.9	1.1
BT50-SLRB10-140-M42	1	10	22	6	140	42	60	*	26.4	32	*	30	195	3.9	1.2
BT50-SLRB10-150-M22	2	10	22	6	150	22	30	60	24.3	32	46	30	205	4.3	0.8
BT50-SLRB10-165-M67	1	10	22	6	165	67	60	*	29	42	*	30	220	4.1	1.3
BT50-SLRB10-170-M42	2	10	22	6	170	42	28	62	26.4	36	50	30	225	4.5	1
BT50-SLRB10-195-M67	2	10	22	6	195	67	28	62	29	42	56	30	250	4.7	1.3
BT50-SLFB10-90-M22	1	10	22	6	90	22	30	*	24.3	32	*	30	145	3.7	0.6
BT50-SLFB10-110-M42	1	10	22	6	110	42	30	*	26.4	32	*	30	165	3.8	0.8
BT50-SLFB10-120-M22	1	10	22	6	120	22	60	*	24.3	32	*	30	175	3.9	0.8
BT50-SLFB10-135-M67	1	10	22	6	135	67	30	*	29	42	*	30	190	3.9	1.1
BT50-SLFB10-140-M42	1	10	22	6	140	42	60	*	26.4	36	*	30	195	4	1
BT50-SLFB10-150-M22	2	10	22	6	150	22	30	60	24.3	32	46	30	205	4.3	0.8
BT50-SLFB10-165-M67	1	10	22	6	165	67	60	*	29	42	*	30	220	4.1	1.3
BT50-SLFB10-170-M42	2	10	22	6	170	42	30	60	26.4	32	46	30	225	4.3	1.2
BT50-SLFB10-195-M67	2	10	22	6	195	67	28	62	29	42	56	30	250	4.7	1.3
BT50-SLSA12-110-M42	1	12	15	1.5	110	42	30	*	19.4	32	*	30	165	3.7	1.9
BT50-SLSA12-135-M67	1	12	15	1.5	135	67	30	*	22	32	*	30	190	3.7	3.3
BT50-SLSA12-140-M42	1	12	15	1.5	140	42	60	*	19.4	32	*	30	195	3.8	2.3
BT50-SLSA12-165-M67	1	12	15	1.5	165	67	60	*	22	32	*	30	220	3.9	3.9
BT50-SLSA12-165-M97	1	12	15	1.5	165	97	30	*	25.2	32	*	30	220	3.8	4.9
BT50-SLSA12-170-M42	2	12	15	1.5	170	42	30	60	19.4	32	46	30	225	4.3	2.3
BT50-SLSA12-195-M67	2	12	15	1.5	195	67	30	60	22	32	46	30	250	4.3	3.9
BT50-SLSA12-195-M97	1	12	15	1.5	195	97	60	*	25.2	32	*	30	250	4	5.9
BT50-SLSA12-225-M97	2	12	15	1.5	225	97	30	60	25.2	32	46	30	280	4.4	5.8

BT50 - SLRB - 10 - 90 - M22

- 加工有效长度 Working length
- L 长度 Length（L）
- 刀杆直径 Diameter
- 功能代号 Holder type
- 锥柄形式 Taper size

SLFB



BT50-SL 热缩刀柄（3°一体型） BT50-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

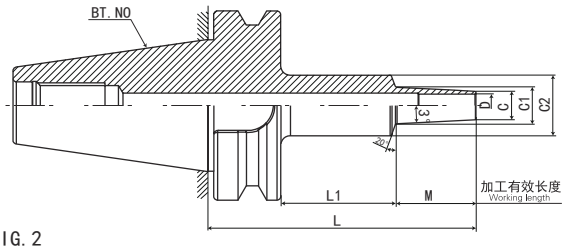
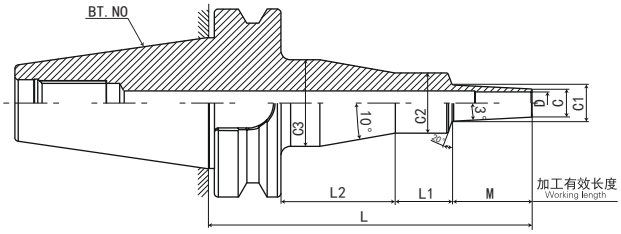
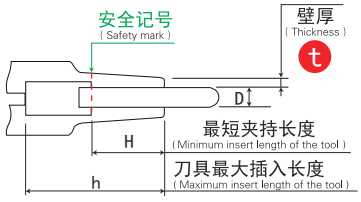




FIG. 2





注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT50-SLSB12-110-M42	1	12	19	3.5	110	42	30	*	23.4	32	*	30	165	3.7	1.1
BT50-SLSB12-135-M67	1	12	19	3.5	135	67	30	*	26	32	*	30	190	3.8	1.9
BT50-SLSB12-140-M42	1	12	19	3.5	140	42	60	*	23.4	32	*	30	195	3.9	1.6
BT50-SLSB12-165-M67	1	12	19	3.5	165	67	60	*	26	32	*	30	220	3.9	2.5
BT50-SLSB12-165-M97	1	12	19	3.5	165	97	30	*	29.2	42	*	30	220	3.9	2.4
BT50-SLSB12-170-M42	2	12	19	3.5	170	42	28	62	23.4	36	50	30	225	4.5	1.3
BT50-SLSB12-195-M67	2	12	19	3.5	195	67	30	60	26	32	46	30	250	4.4	2.4
BT50-SLSB12-195-M97	1	12	19	3.5	195	97	60	*	29.2	42	*	30	250	4.2	2.7
BT50-SLSB12-195-M127	1	12	19	3.5	195	127	30	*	32.3	42	*	30	250	4.1	3.3
BT50-SLSB12-225-M97	2	12	19	3.5	225	97	28	62	29.2	42	56	30	280	4.8	2.8
BT50-SLSB12-225-M127	1	12	19	3.5	225	127	60	*	32.3	42	*	30	280	4.3	3.7
BT50-SLSB12-225-M157	1	12	19	3.5	225	157	30	*	35.5	42	*	30	280	4.3	4.1
BT50-SLSB12-255-M127	2	12	19	3.5	255	127	28	62	32.3	42	56	30	310	4.9	3.7
BT50-SLSB12-255-M157	1	12	19	3.5	255	157	60	*	35.5	42	*	30	310	4.5	4.7
BT50-SLSB12-285-M157	2	12	19	3.5	285	157	28	62	35.5	42	56	30	340	5.1	4.7
BT50-SLRB12-90-M22	1	12	26	7	90	22	30	*	28.3	42	*	30	145	3.7	0.4
BT50-SLRB12-110-M42	1	12	26	7	110	42	30	*	30.4	42	*	30	165	3.8	0.6
BT50-SLRB12-120-M22	1	12	26	7	120	22	60	*	28.3	42	*	30	175	4	0.5
BT50-SLRB12-135-M67	1	12	26	7	135	67	30	*	33	42	*	30	190	4	0.8
BT50-SLRB12-140-M42	1	12	26	7	140	42	60	*	30.4	42	*	30	195	4.1	0.7
BT50-SLRB12-150-M22	2	12	26	7	150	22	28	62	28.3	42	56	30	205	4.6	0.5
BT50-SLRB12-165-M67	1	12	26	7	165	67	60	*	33	42	*	30	220	4.2	1
BT50-SLRB12-170-M42	2	12	26	7	170	42	28	62	30.4	42	56	30	225	4.7	0.7
BT50-SLRB12-195-M67	2	12	26	7	195	67	28	62	33	42	56	30	250	4.8	1.1

BT50 - SLSB - 12 - 110 - M42

- M42 → 加工有效长度 Working length
- 110 → L 长度 Length (L)
- 12 → 刀杆直径 Diameter
- SLSB → 功能代号 Holder type
- BT50 → 锥柄形式 Taper size

BT50-SL 热缩刀柄（3°一体型）

BT50-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

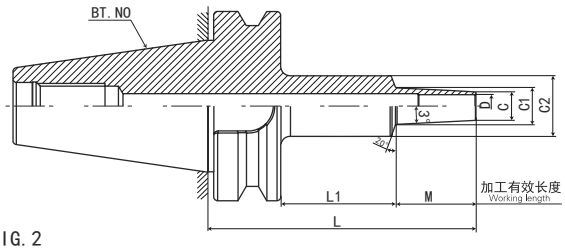
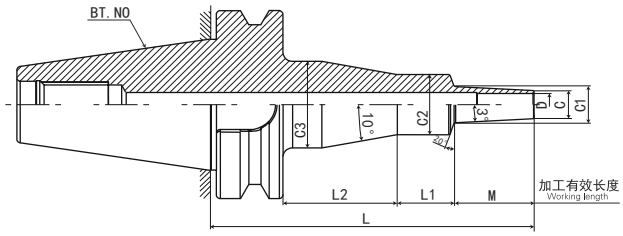
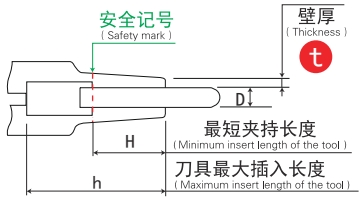




FIG. 2





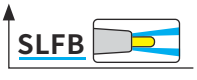
注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT50-SLFB12-90-M22	1	12	26	7	90	22	30	*	28.3	42	*	30	145	3.7	0.4
BT50-SLFB12-110-M42	1	12	26	7	110	42	30	*	30.4	42	*	30	165	3.8	0.6
BT50-SLFB12-120-M22	1	12	26	7	120	22	60	*	38.3	42	*	30	175	4	0.5
BT50-SLFB12-135-M67	1	12	26	7	135	67	30	*	33	42	*	30	190	4	0.8
BT50-SLFB12-140-M42	1	12	26	7	140	42	60	*	30.4	42	*	30	195	4.1	0.7
BT50-SLFB12-150-M22	2	12	26	7	150	22	28	62	28.3	42	56	30	205	4.6	0.5
BT50-SLFB12-165-M67	1	12	26	7	165	67	60	*	33	42	*	30	220	4.2	1
BT50-SLFB12-170-M42	2	12	26	7	170	42	28	62	30.4	42	56	30	225	4.7	0.7
BT50-SLFB12-195-M67	2	12	26	7	195	67	28	62	33	42	56	30	250	4.8	1.1
BT50-SLSB16-110-M42	1	16	24	4	110	42	30	*	28.4	42	*	32	165	3.8	0.7
BT50-SLSB16-135-M67	1	16	24	4	135	67	30	*	31	42	*	32	190	3.9	1.1
BT50-SLSB16-140-M42	1	16	24	4	140	42	60	*	28.4	42	*	32	195	4	0.9
BT50-SLSB16-165-M67	1	16	24	4	165	67	60	*	31	42	*	32	220	4.1	1.4
BT50-SLSB16-165-M97	1	16	24	4	165	97	30	*	34.2	42	*	32	220	4	1.7
BT50-SLSB16-170-M42	2	16	24	4	170	42	28	62	28.4	42	56	32	225	4.6	0.9
BT50-SLSB16-195-M67	2	16	24	4	195	67	28	62	31	42	56	32	250	4.7	1.4
BT50-SLSB16-195-M97	1	16	24	4	195	97	60	*	34.2	42	*	32	250	4.3	2
BT50-SLSB16-195-M127	1	16	24	4	195	127	30	*	37.3	53	*	32	250	4.2	2.1
BT50-SLSB16-225-M97	2	16	24	4	225	97	28	62	34.2	42	56	32	280	4.9	2.1
BT50-SLSB16-225-M127	1	16	24	4	225	127	60	*	37.3	53	*	32	280	4.6	2.3
BT50-SLSB16-225-M157	1	16	24	4	225	157	30	*	40.5	53	*	32	280	4.4	2.6
BT50-SLSB16-255-M127	2	16	24	4	255	127	28	62	37.3	53	67	32	310	5.5	2.3
BT50-SLSB16-255-M157	1	16	24	4	255	157	60	*	40.5	53	*	32	310	4.8	2.8
BT50-SLSB16-285-M157	2	16	24	4	285	157	28	62	40.5	53	67	32	340	5.7	2.9

BT50 - SLFB - 12 - 90 - M22

- M22 → 加工有效长度 Working length
- 90 → L 长度 Length (L)
- 12 → 刀杆直径 Diameter
- SLFB → 功能代号 Holder type
- BT50 → 锥柄形式 Taper size



BT50-SL 热缩刀柄（3°一体型） BT50-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

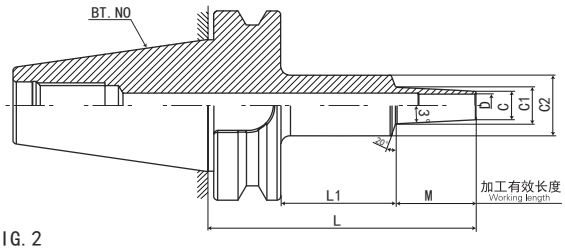
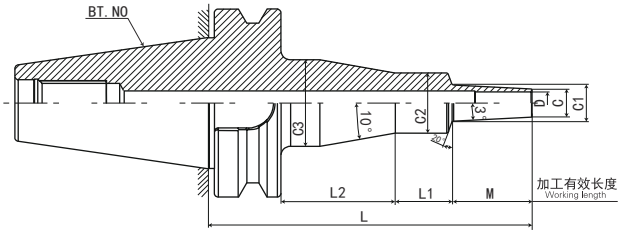
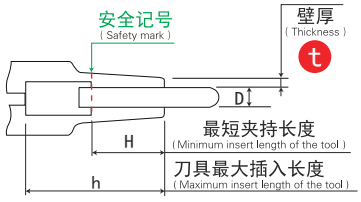




FIG. 2





注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT50-SLRB16-90-M22	1	16	32	8	90	22	30	*	34.3	42	*	32	145	3.8	0.3
BT50-SLRB16-110-M42	1	16	32	8	110	42	30	*	36.4	42	*	32	165	3.9	0.5
BT50-SLRB16-120-M22	1	16	32	8	120	22	60	*	34.3	42	*	32	175	4	0.5
BT50-SLRB16-135-M67	1	16	32	8	135	67	30	*	39	42	*	32	190	4.1	0.6
BT50-SLRB16-140-M42	1	16	32	8	140	42	60	*	36.4	42	*	32	195	4.2	0.6
BT50-SLRB16-150-M22	2	16	32	8	150	22	28	62	34.3	42	56	32	205	4.6	0.5
BT50-SLRB16-165-M67	1	16	32	8	165	67	60	*	39	42	*	32	220	4.3	0.9
BT50-SLRB16-170-M42	2	16	32	8	170	42	28	62	36.4	42	56	32	225	4.8	0.7
BT50-SLRB16-195-M67	2	16	32	8	195	67	28	62	39	42	56	32	250	4.9	0.9
BT50-SLFB16-90-M22	1	16	32	8	90	22	30	*	34.3	42	*	32	145	3.8	0.3
BT50-SLFB16-110-M42	1	16	32	8	110	42	30	*	36.4	42	*	32	165	3.9	0.5
BT50-SLFB16-120-M22	1	16	32	8	120	22	60	*	34.3	42	*	32	175	4	0.5
BT50-SLFB16-135-M67	1	16	32	8	135	67	30	*	39	42	*	32	190	4.1	0.6
BT50-SLFB16-140-M42	1	16	32	8	140	42	60	*	36.4	42	*	32	195	4.2	0.6
BT50-SLFB16-150-M22	2	16	32	8	150	22	28	62	34.3	42	56	32	205	4.6	0.5
BT50-SLFB16-165-M67	1	16	32	8	165	67	60	*	39	42	*	32	220	4.3	0.9
BT50-SLFB16-170-M42	2	16	32	8	170	42	28	62	36.4	42	56	32	225	4.8	0.7
BT50-SLFB16-195-M67	2	16	32	8	195	67	28	62	39	42	56	32	250	4.9	0.9
BT50-SLSB20-110-M42	1	20	29	4.5	110	42	30	*	33.4	42	*	40	165	3.8	0.5
BT50-SLSB20-135-M67	1	20	29	4.5	135	67	30	*	36	42	*	40	190	3.9	0.9
BT50-SLSB20-140-M42	1	20	29	4.5	140	42	60	*	33.4	42	*	40	195	4.1	0.8
BT50-SLSB20-165-M67	1	20	29	4.5	165	67	60	*	36	42	*	40	220	4.2	1.2
BT50-SLSB20-165-M97	1	20	29	4.5	165	97	30	*	39.2	53	*	40	220	4.1	1.1
BT50-SLSB20-170-M42	2	20	29	4.5	170	42	28	62	33.4	42	56	40	225	4.7	0.8

BT50 - SLRB - 16 - 90 - M22

- M22 — 加工有效长度 Working length
- 90 — L 长度 Length (L)
- 16 — 刀杆直径 Diameter
- SLRB — 功能代号 Holder type
- BT50 — 锥柄形式 Taper size

SLFB

BT50-SL 热缩刀柄（3°一体型）

BT50-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

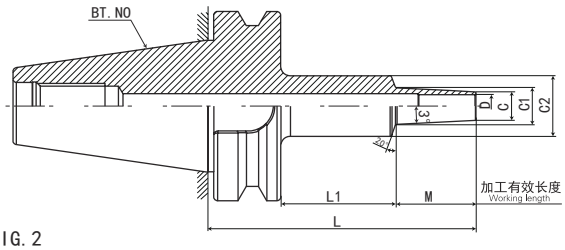
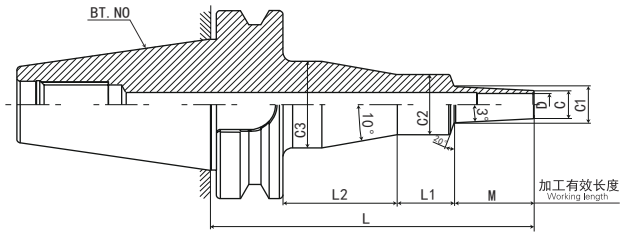
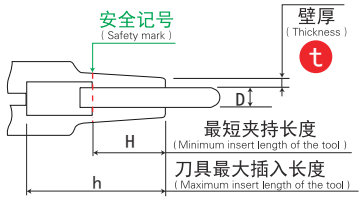




FIG. 2





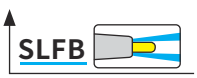
注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT50-SLSB20-195-M67	2	20	29	4.5	195	67	28	62	36	42	56	40	250	4.8	1.2
BT50-SLSB20-195-M97	1	20	29	4.5	195	97	60	*	39.2	53	*	40	250	4.5	1.3
BT50-SLSB20-195-M127	1	20	29	4.5	195	127	30	*	42.3	53	*	40	250	4.3	1.5
BT50-SLSB20-225-M97	2	20	29	4.5	225	97	28	62	39.2	53	67	40	280	5.4	1.3
BT50-SLSB20-225-M127	1	20	29	4.5	225	127	60	*	42.3	53	*	40	280	4.7	1.8
BT50-SLSB20-225-M157	1	20	29	4.5	225	157	30	*	45.5	53	*	40	280	4.6	1.7
BT50-SLSB20-255-M127	2	20	29	4.5	255	127	28	62	42.3	53	67	40	310	5.6	1.7
BT50-SLSB20-255-M157	1	20	29	4.5	255	157	60	*	45.5	53	*	40	310	5	2.2
BT50-SLSB20-285-M157	2	20	29	4.5	285	157	28	62	45.5	53	67	40	340	5.9	2.2
BT50-SLRB20-110-M42	1	20	38	9	110	42	30	*	42.4	53	*	40	165	4	0.3
BT50-SLRB20-135-M67	1	20	38	9	135	67	30	*	45	53	*	40	190	4.2	0.4
BT50-SLRB20-140-M42	1	20	38	9	140	42	60	*	42.4	53	*	40	195	4.4	0.4
BT50-SLRB20-165-M67	1	20	38	9	165	67	60	*	45	53	*	40	220	4.6	0.6
BT50-SLRB20-170-M42	2	20	38	9	170	42	28	62	42.4	53	67	40	225	5.3	0.4
BT50-SLRB20-195-M67	2	20	38	9	195	67	28	62	45	53	67	40	250	5.5	0.6
BT50-SLFB20-110-M42	1	20	38	9	110	42	30	*	42.4	53	*	40	165	4	0.3
BT50-SLFB20-135-M67	1	20	38	9	135	67	30	*	45	53	*	40	190	4.2	0.4
BT50-SLFB20-140-M42	1	20	38	9	140	42	60	*	42.4	53	*	40	195	4.4	0.4
BT50-SLFB20-165-M67	1	20	38	9	165	67	60	*	45	53	*	40	220	4.6	0.6
BT50-SLFB20-170-M42	2	20	38	9	170	42	28	62	42.4	53	67	40	225	5.3	0.4
BT50-SLFB20-195-M67	2	20	38	9	195	67	28	62	45	53	67	40	250	5.5	0.6

BT50 - SLSB - 20 - 195 - M67

- 加工有效长度 Working length
- L 长度 Length（L）
- 刀 杆 直 径 Diameter
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size



BT50-SL 热缩刀柄（3°一体型） BT50-SL SHRINK FIT HOLDER(3° MONO)



FIG. 1

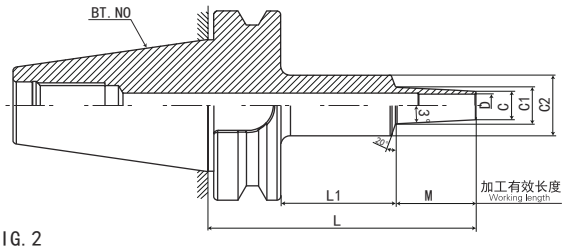
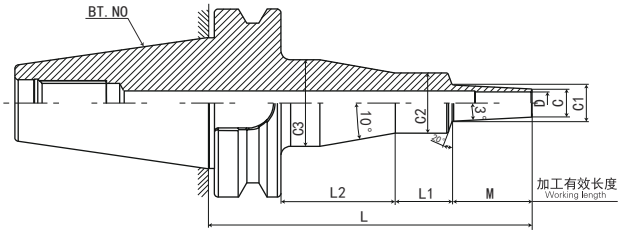
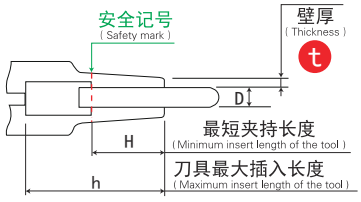




FIG. 2





注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	L1	L2	C1	C2	C3	H	h	重量 KGS	S
BT50-SLRB25-110-M42	1	25	45	10	110	42	30	*	49.4	53	*	45	165	4.1	0.3
BT50-SLRB25-140-M42	1	25	45	10	140	42	60	*	49.4	53	*	45	195	4.5	0.4
BT50-SLRB25-170-M42	2	25	45	10	170	42	28	62	49.4	53	67	45	195	5.3	0.4
BT50-SLRB25-110-M42	1	25	45	10	110	42	30	*	49.4	53	*	45	165	4.1	0.3
BT50-SLRB25-140-M42	1	25	45	10	140	42	60	*	49.4	53	*	45	195	4.5	0.4
BT50-SLRB25-170-M42	2	25	45	10	170	42	28	62	49.4	53	67	45	195	5.4	0.4
BT50-SLRB35-110-M42	1	32	54	11	110	42	30	*	58.4	63	*	50	160	4.0	0.2
BT50-SLRB35-140-M42	1	32	54	11	140	42	60	*	58.4	63	*	50	171	4.6	0.3
BT50-SLRB35-170-M42	2	32	54	11	170	42	28	62	58.4	63	77	50	171	5.8	0.3

BT50 - SLRB - 25 - 110 - M42

- M42 → 加工有效长度 Working length
- 110 → L 长度 Length（L）
- 25 → 刀杆直径 Diameter
- SLRB → 功能代号 Holder type
- BT50 → 锥柄形式 Taper size



BT50-SL 热缩刀柄（CV 曲线型） BT50-SL SHRINK FIT HOLDER(CV CURVE)



FIG. 1

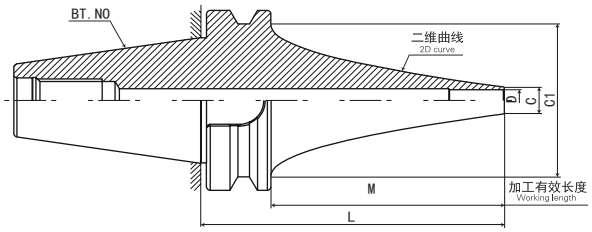
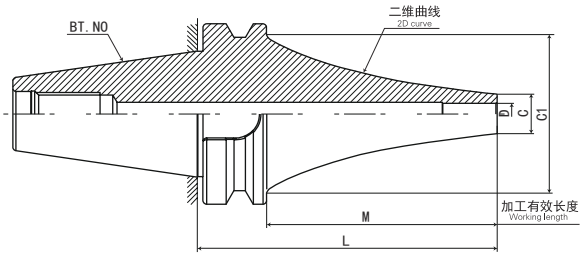
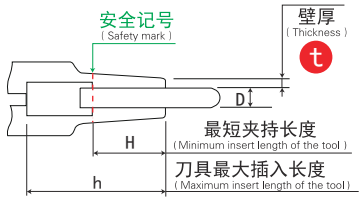




FIG. 2





注意事项

● **拉钉** 请在加热时取下，或使用通孔拉钉。

● **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	C1	H	h	重量 KGS	S
BT50-SLSA4-165CV	1	4	7	1.5	165	127	85	12	220	5.2	1.8
BT50-SLSA4-195CV	1	4	7	1.5	195	157	85	12	250	5.3	2.6
BT50-SLSA4-225CV	1	4	7	1.5	225	187	85	12	280	5.5	3.8
BT50-SLSA4-255CV	1	4	7	1.5	255	217	85	12	310	5.6	5.7
BT50-SLSA4-285CV	1	4	7	1.5	285	247	85	12	340	6.4	5.9
BT50-SLSA4-315CV	1	4	7	1.5	315	277	85	12	370	8.3	7.7
BT50-SLSA6-165CV	1	6	9	1.5	165	127	85	18	220	5.1	1.5
BT50-SLSA6-195CV	1	6	9	1.5	195	157	85	18	250	5.2	2.4
BT50-SLSA6-225CV	1	6	9	1.5	225	187	85	18	280	5.7	2.9
BT50-SLSA6-255CV	1	6	9	1.5	255	217	85	18	310	5.9	4
BT50-SLSA6-285CV	1	6	9	1.5	285	247	85	18	340	6.2	5.2
BT50-SLSA6-315CV	1	6	9	1.5	315	277	85	18	370	8.4	6.9
BT50-SLSA8-165CV	1	8	11	1.5	165	127	85	24	220	4.9	1.4
BT50-SLSA8-195CV	1	8	11	1.5	195	157	85	24	250	5.3	1.9
BT50-SLSA8-225CV	1	8	11	1.5	225	187	85	24	280	5.8	2.3
BT50-SLSA8-255CV	1	8	11	1.5	255	217	85	24	310	5.8	3.7
BT50-SLSA8-285CV	1	8	11	1.5	285	247	85	24	340	6	4.9
BT50-SLSA8-315CV	1	8	11	1.5	315	277	85	24	370	8.4	5
BT50-SLRA8-195CV	2	8	16	4	195	157	85	24	250	5.4	1.1
BT50-SLRA8-225CV	2	8	16	4	225	187	85	24	280	5.6	1.5
BT50-SLRA8-255CV	2	8	16	4	255	217	85	24	310	5.8	2.2
BT50-SLRA8-285CV	2	8	16	4	285	247	85	24	340	5.9	3

BT50 - SLSA - 4 - 165 - CV

- CV → 曲线型 Curve
- 165 → L长度 Length（L）
- 4 → 刀杆直径 Diameter
- SLSA → 功能代号 Holder type
- BT50 → 锥柄形式

BT50-SL 热缩刀柄（CV 曲线型） BT50-SL SHRINK FIT HOLDER(CV CURVE)



FIG. 1

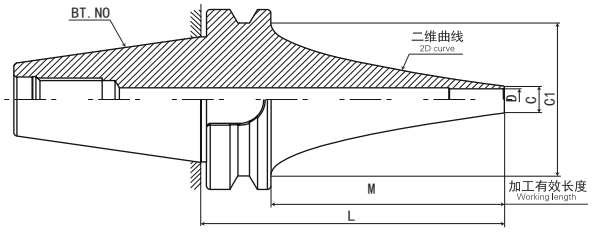
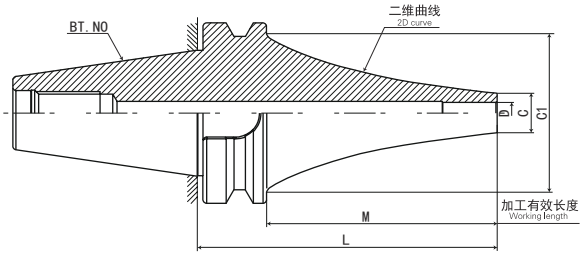
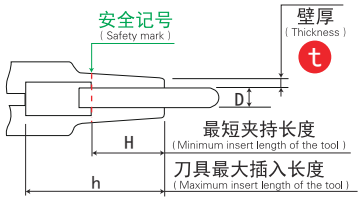




FIG. 2





注意事项

● **拉钉** 请在加热时取下，或使用通孔拉钉。

● **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	C1	H	h	重量 KGS	S
BT50-SLFA8-195CV	2	8	16	4	195	157	85	24	250	5.4	1.1
BT50-SLFA8-225CV	2	8	16	4	225	187	85	24	280	5.6	1.5
BT50-SLFA8-255CV	2	8	16	4	255	217	85	24	310	5.8	2.2
BT50-SLFA8-285CV	2	8	16	4	285	247	85	24	340	5.9	3
BT50-SLSA10-165CV	1	10	13	1.5	165	127	85	30	220	4.9	1.2
BT50-SLSA10-195CV	1	10	13	1.5	195	157	85	30	250	5.5	1.5
BT50-SLSA10-225CV	1	10	13	1.5	225	187	85	30	280	5.4	2.4
BT50-SLSA10-255CV	1	10	13	1.5	255	217	85	30	310	6.1	2.6
BT50-SLSA10-285CV	1	10	13	1.5	285	247	85	30	340	6.3	3.7
BT50-SLSA10-315CV	1	10	13	1.5	315	277	85	30	370	8.4	4.6
BT50-SLRA10-165CV	2	10	19	4.5	165	127	85	30	220	5.1	0.7
BT50-SLRA10-195CV	2	10	19	4.5	195	157	85	30	250	5.2	1.1
BT50-SLRA10-225CV	2	10	19	4.5	225	187	85	30	280	5.9	1.2
BT50-SLRA10-255CV	2	10	19	4.5	255	217	85	30	310	6.1	1.7
BT50-SLRA10-285CV	2	10	19	4.5	285	247	85	30	340	6.2	2.4
BT50-SLFA10-165CV	2	10	19	4.5	165	127	85	30	220	5.1	0.7
BT50-SLFA10-195CV	2	10	19	4.5	195	157	85	30	250	5.2	1.1
BT50-SLFA10-225CV	2	10	19	4.5	225	187	85	30	280	5.9	1.2
BT50-SLFA10-255CV	2	10	19	4.5	255	217	85	30	310	6.1	1.7
BT50-SLFA10-285CV	2	10	19	4.5	285	247	85	30	340	6.2	2.4

BT50 - SLFA - 8 - 195 - CV

- 曲线型 Curve
- L 长度 Length（L）
- 刀杆直径 Diameter
- 功能代号 Holder type
- 锥柄形式



BT50-SL 热缩刀柄（CV 曲线型） BT50-SL SHRINK FIT HOLDER(CV CURVE)



FIG. 1

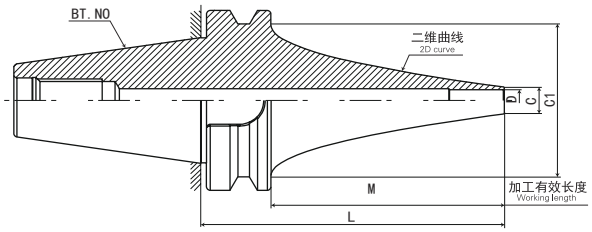
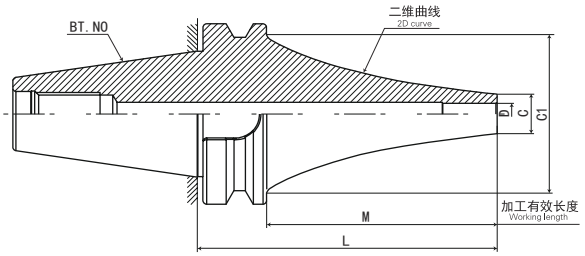
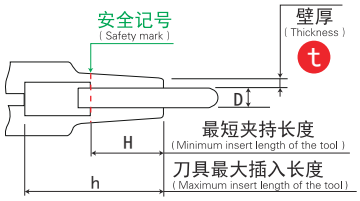




FIG. 2





注意事项

● **拉钉** 请在加热时取下，或使用通孔拉钉。

● **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	FIG	D	C	t	L	M	C1	H	h	重量 KGS	S
BT50-SLSA12-165CV	1	12	15	1.5	165	127	84	30	220	4.8	1.2
BT50-SLSA12-195CV	1	12	15	1.5	195	157	85	30	250	5.6	1.2
BT50-SLSA12-225CV	1	12	15	1.5	225	187	85	30	280	5.8	1.8
BT50-SLSA12-255CV	1	12	15	1.5	255	217	85	30	310	6	2.6
BT50-SLSA12-285CV	1	12	15	1.5	285	247	85	30	340	6.2	3.5
BT50-SLSA12-315CV	1	12	15	1.5	315	277	85	30	370	8.5	3.6
BT50-SLRA12-165CV	2	12	22	22	165	127	85	30	220	5.1	0.7
BT50-SLRA12-195CV	2	12	22	22	195	157	85	30	250	5.6	0.8
BT50-SLRA12-225CV	2	12	22	22	225	187	85	30	280	5.6	1.3
BT50-SLRA12-255CV	2	12	22	22	255	217	85	30	310	5.8	1.6
BT50-SLRA12-285CV	2	12	22	22	285	247	85	30	340	6.1	2.1
BT50-SLFA12-165CV	2	12	22	22	165	127	85	30	220	5.1	0.7
BT50-SLFA12-195CV	2	12	22	22	195	157	85	30	250	5.6	0.8
BT50-SLFA12-225CV	2	12	22	22	225	187	85	30	280	5.6	1.3
BT50-SLFA12-255CV	2	12	22	22	255	217	85	30	310	5.8	1.6
BT50-SLFA12-285CV	2	12	22	22	285	247	85	30	340	6.1	2.1

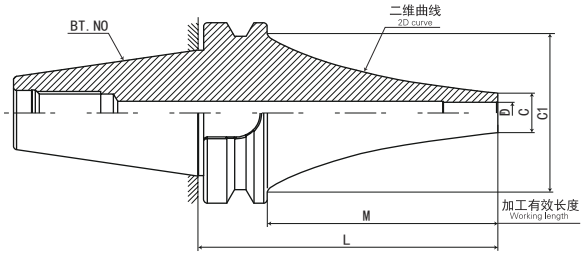
BT50 - SLSA - 12 - 165 - CV

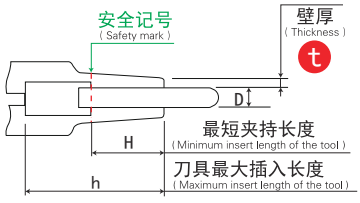
- CV → 曲 线 型 Curve
- 165 → L 长度 Length (L)
- 12 → 刀 杆 直 径 Diameter
- SLSA → 功 能 代 号 Holder type
- BT50 → 锥 柄 形 式



BT50-SL 热缩刀柄（CV 曲线型） BT50-SL SHRINK FIT HOLDER(CV CURVE)







注意事项

- **拉钉** 请在加热时取下，或使用通孔拉钉。
- **刀具安装** 插入刀具时，请务必将刀具插入比安全记号更深的位置。

型号 Model	D	C	t	L	M	C1	H	h	重量 KGS	S
BT50-SLSB16-165CV	16	21	2.5	165	127	85	32	220	5.4	0.6
BT50-SLSB16-195CV	16	21	2.5	195	157	85	32	250	5.4	1.1
BT50-SLSB16-225CV	16	21	2.5	225	187	85	32	280	6.3	1.2
BT50-SLSB16-255CV	16	21	2.5	255	217	85	32	310	6.1	2
BT50-SLSB16-285CV	16	21	2.5	285	247	85	32	340	7	2
BT50-SLSB16-315CV	16	21	2.5	315	277	85	32	370	8.6	2.6
BT50-SLSB20-165CV	20	26	3	165	127	85	40	220	5.4	0.6
BT50-SLSB20-195CV	20	26	3	195	157	85	40	250	6.1	0.7
BT50-SLSB20-225CV	20	26	3	225	187	85	40	280	5.8	1.2
BT50-SLSB20-255CV	20	26	3	255	217	85	40	310	6.7	1.3
BT50-SLSB20-285CV	20	26	3	285	247	85	40	340	7	1.7
BT50-SLSB20-315CV	20	26	3	315	277	85	40	370	8.9	2.3

BT50 - SLSB - 16 - 165 - CV

- CV → 曲 线 型 Curve
- 165 → L 长度 Length（L）
- 16 → 刀 杆 直 径 Diameter
- SLSB → 功 能 代 号 Holder type
- BT50 → 锥 柄 形 式

BT-C 型高精度强力刀柄 BT-C FORCE MILLING CHUCK

特点:

◎本数控铣切削刀具具有密封装置

◎防护罩经回环槽上密封圈与转螺帽连接

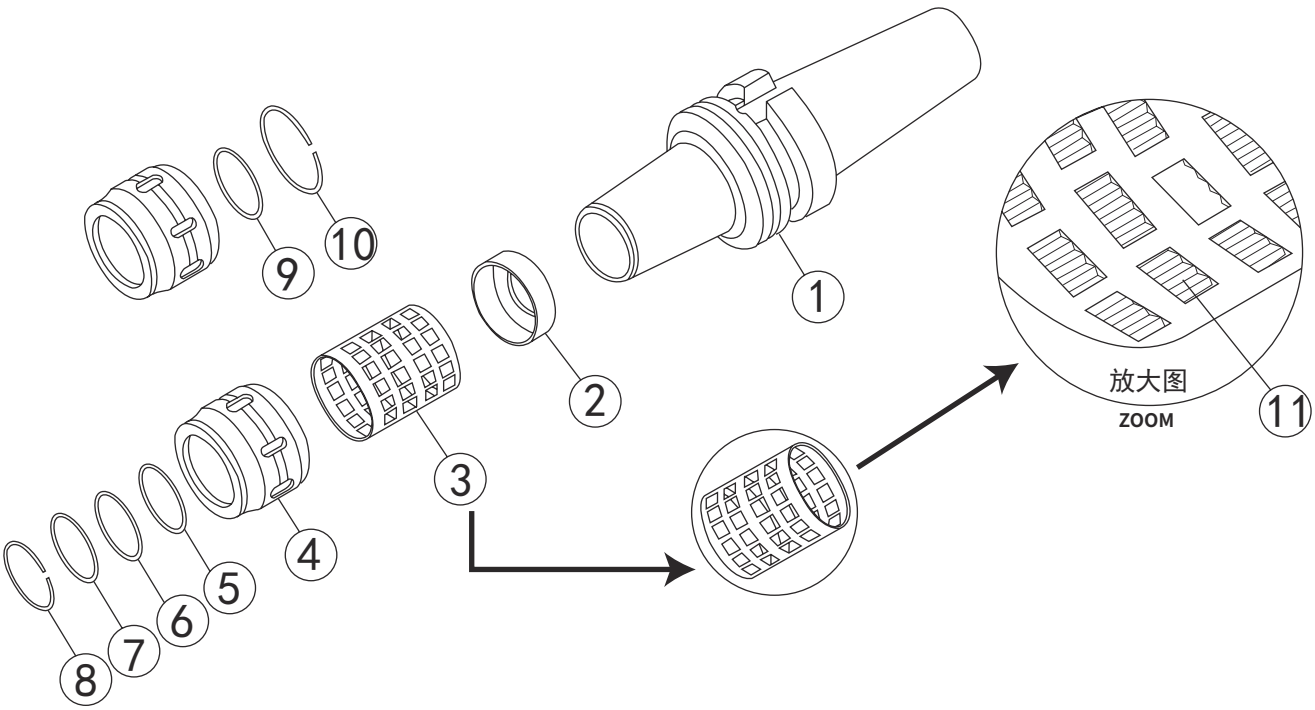
◎防护罩能防止液体，灰尘，切削进入本体与转螺帽形成的间隙间损坏表面及滚针，从而使强力夹头持久保持铣削精度延长使用寿命

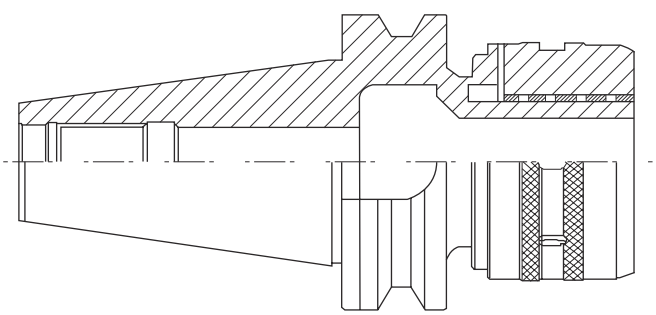
Features:

◎ This cover ring is connecting with the transfer screw cap by groove of hermetic circle

◎ This new power chuck millis belongs to the hermetic set for CNC cutting tools

◎ The cover ring can prevent the water, dust and cutting scrap going to the spacing from chuck body and transfer cap. It can prolong the using time for the power milling chuck.





① 本體 Holder body
② 防護罩 Cover ring
③ 保持架 Keeping shelves
④ 螺帽 Nut
⑤ 本體墊片 Body spacer
⑥ 本體封密圈 Body lock ring
⑦ 本體墊片 Body spacer
⑧ 本體卡簧 Body clamp spring
⑨ 螺帽墊片 Nut spacer
⑩ 螺帽卡簧 Nut clamp spring
⑪ 滾針 Needle roller

类似强力夹头存在的缺点 The shortcoming for the power milling chuck of standard type

类似的强力夹本体与转螺帽间存在连接间隙，使用时容易使液体带着灰尘、切削从间隙进入存留，当二者反复松紧移位时，液体带着灰尘、切屑随着滚针的转动，它不断地磨损本体与转螺帽的表面，而且也会使滚针破裂，使强力夹头夹持精度随时间长而下降，最终失去夹持能力。

The standard milling chuck has the spacing between chuck body and transfer screw cap. It easily makes water with dust and cutting scrap into the spacing, and it also will be move to take the dust and cutting scrap together running, it not only fret the surface of chuck body and transfer screw cap, but also break the needle roller bearing. The holding precision will be falling, at last it lose holding capacity.

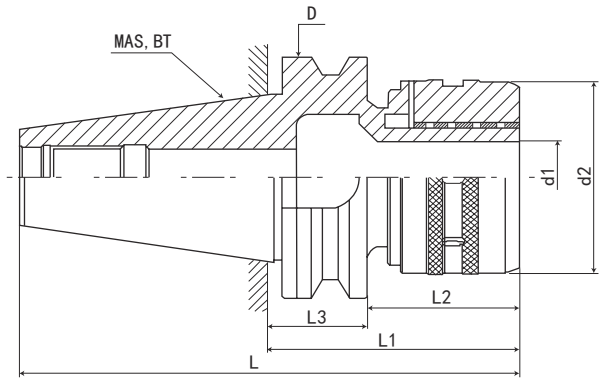
BT-C 型高精度强力刀柄 BT-C FORCE MILLING CHUCK




P.I31


P.I16


P.I29



规格 / 型号 Model	L	L1	L2	L3	D	d1	d2	夹持范围 Range
BT30-C20-80	128.4	80	58	22	46	20	58	3 4 5 6 8 10 12 14 16
BT30-C25-100	148.4	100	78	22	46	25	63	3 4 5 6 8 10 12 14 16 18 20
BT30-C32-105	153.4	105	83	22	46	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25
规格 / 型号 Model	L	L1	L2	L3	D	d1	d2	夹持范围 Range
BT40-C20-100	165.4	90	63	27	63	20	58	3 4 5 6 8 10 12 14 16
BT40-C25-100	165.4	100	73	27	63	25	63	3 4 5 6 8 10 12 14 16 18 20
BT40-C25-135	200.4	135	108	27	63	25	63	3 4 5 6 8 10 12 14 16 18 20
BT40-C32-105	170.4	105	78	27	63	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT40-C32-135	200.4	135	108	27	63	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT40-C32-165	230.4	165	138	27	63	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT40-C32-200	265.4	200	173	27	63	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT40-C32-250	315.4	250	223	27	63	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT40-C42-130	195.4	130	103	27	63	42	88	3 4 5 6 8 10 12 14 16 18 20 22 24 25 28 30 32 34 36
规格 / 型号 Model	L	L1	L2	L3	D	d1	d2	夹持范围 Range
BT50-C25-110	211.8	110	72	38	100	25	63	3 4 5 6 8 10 12 14 16 18 20
BT50-C25-165	236.8	165	127	38	100	25	63	3 4 5 6 8 10 12 14 16 18 20
BT50-C32-110	211.8	110	72	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT50-C32-135	236.8	135	97	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT50-C32-165	266.8	165	127	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT50-C32-200	301.8	200	162	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT50-C32-250	351.8	250	212	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT50-C32-300	401.8	300	262	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT50-C42-135	236.8	135	97	38	100	42	88	3 4 5 6 8 10 12 14 16 18 20 22 24 25 28 30 32 34 36
BT50-C42-165	266.8	165	127	38	100	42	88	3 4 5 6 8 10 12 14 16 18 20 22 24 25 28 30 32 34 36
BT50-C42-200	301.8	200	162	38	100	42	88	3 4 5 6 8 10 12 14 16 18 20 22 24 25 28 30 32 34 36
BT60-C32-130	291.8	130	92	48	155	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25
BT60-C42-130	291.8	130	92	48	155	42	88	3 4 5 6 8 10 12 14 16 18 20 22 24 25 28 30 32 34 36

特点：

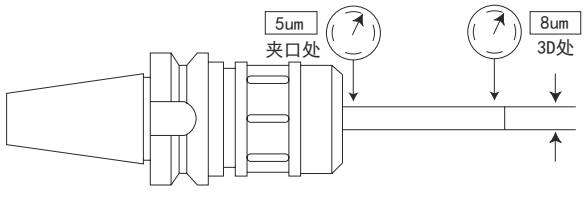
高速、高精度、高寿命直柄刀具系列
◎材质：20CrMnTi/15CrMn
◎硬度：HRC58-60，渗碳深度＞ 0.8mm
◎锥柄公差等级：≤ AT3
◎刀柄内孔分割了六槽，以防止刀具转动，增大夹持力
◎采用特殊材料制作滚针轴承保持架，延长使用寿命，增强夹紧力
◎具有夹持力大，定点精度高，特别适用于强力切削
◎可提供两种外观：光饰或涂层处理
◎内孔多次研磨，可达 Ra0.4, 起到镜面效果
◎外圆及端面多次研磨，可达 Ra0.4, 起到镜面效果
◎表面“环保”特殊涂层处理，提高表面硬度、耐磨性，提高清洁度，精度更稳定，表面更光滑，防锈、防腐蚀效果更好，手感更舒适，外观更美观
◎扳手、拉钉、筒夹须另行购买

Features:

High speed, high accuracy, high durability C-STRAIGHT TOOL SERIES
◎ Material:20CrMnTi/15CrMn;
◎ Hardness:HRC58-60，Carbon depth ＞ 0.8 ◎ Tolerance class：≤ AT3
◎ Inner hole of the shank divide into 6 troughs to prevent the insert remove, increase the grasp force
◎ Ball bearing cage is made of special material, improve the endurance, enhance the grasp force
◎ Grasp force strong, centering accuracy high, suit to heavy cutting
◎ Two kinds looks provide:polishing or chemical nickel-plating processing;
◎ Inner hole grinding for many times, so as to reach Ra0.4, has a mirror effect;
◎ End and the cylindrical are grinding for many times, can reach Ra0.4，has a mirror effect;
◎ Surface "environmental protection", special coating surface treatment, improve the hardness and endurance of the surface, cleaness better, accuracy stable, surface more smooth, antirust, feel comfortable, appearance nice.
◎ The spanner、 pull stud chuck must purchase alone.

BT40 - C32 - 105

- 105 → L1 长 度 — Length(L1)
- C32 → 筒 夹 规 格 — Collet type C32
- BT40 → 锥 柄 形 式 — Taper size



强力铣刀柄（套装） ASC MILLING CHUCK SET



规格 / 型号 Model	筒夹名称 Collet name	配备筒夹 Prepared collet	扳手 Wrench
BT30-C32-105/7P(套装)	C32	6 8 10 12 16 20 25	C32
BT40-C32-105/7P(套装)	C32	6 8 10 12 16 20 25	C32
BT50-C32-110/7P(套装)	C32	6 8 10 12 16 20 25	C32
BT50-C42-135/7P(套装)	C42	6 8 10 16 20 25 32	C32

特点：

注：

◎本体锥柄规格：JIS MAS 403 BT

◎强力铣刀柄内孔分割槽以防止滑动并加大夹持力。

◎采用精密级滚针，夹紧力强，减少掉落。

◎适合整数规格柄径的刀具夹持，是专切削加工首选刀柄。

◎不可无刀具状态下空夹紧，以免损坏。

注意：请使用专用扳手，否则可能导致刀体损坏。

组件内容：

刀柄：1 支　筒夹：7 个
扳手：1 支　木盒：1 个
拉钉：1 个

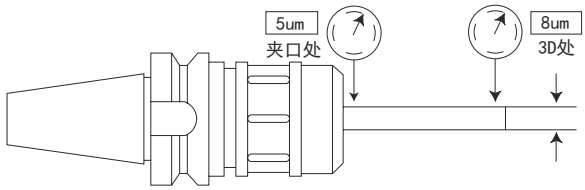
Features:

◎ Spindle conicity standard：JIS MAS 403 BT.
◎ Designed with inner hole separation trough to prevent slipping and increase the clamping force.
◎ Equipped with sophisticated needle for hihg-speed and high precision cutting
◎ Suitable for the diameter of integer specification tool clamping
◎ Don’t be empty clamping unless damage for tool holder
◎ Remarks：Always use the recommended wrench or spanner, unless there might cause damage of cutting tools.
◎ Contained:

Tool holder　1pc　　collet　7pc
Wrench　1pc　　Wooden case　1pc
Pull stud　1pc

BT40 - C32 - 105/7P

- 筒 夹 数 — Collet No.
- L1 长 度 — Length(L1)
- 筒 夹 规 格 — Collet spec
- 锥 柄 形 式 — Taper size



弹簧夹头的安装及注意事项 COLLET INSTALLING AND REMOVING INSRUCTION MANUAL

一、弹簧夹头安装

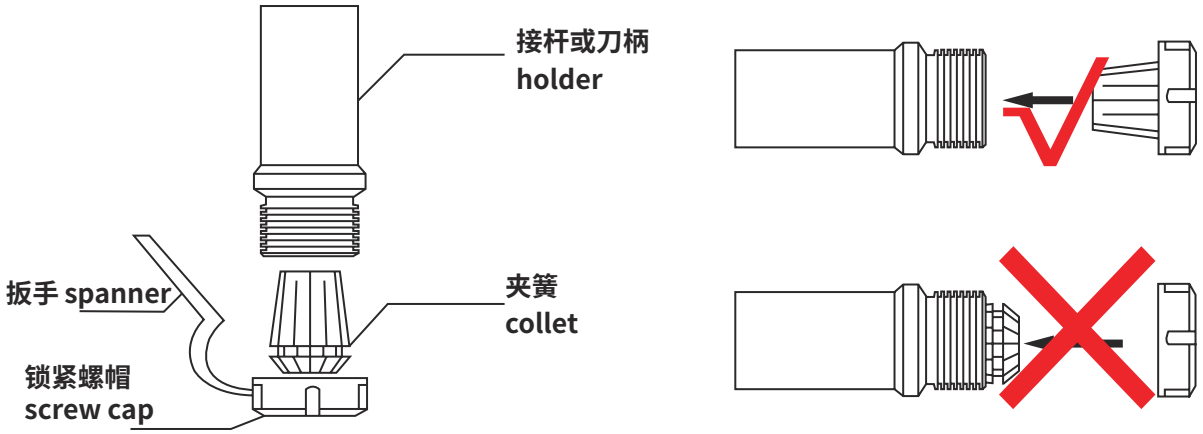
◎在安装弹簧夹头之前，必须先将夹簧装入锁紧螺母之中（如图所示），然后将装上夹簧的锁紧螺帽轻轻拧在接杆或是刀柄上，待装上刀具后即可用挺难手夹紧投入工作。

◎为获得最佳使用性能，在安装弹簧夹头之前，请必须将夹簧、锁紧螺母螺纹部分及定位面、锥面清理干净。

Installation:

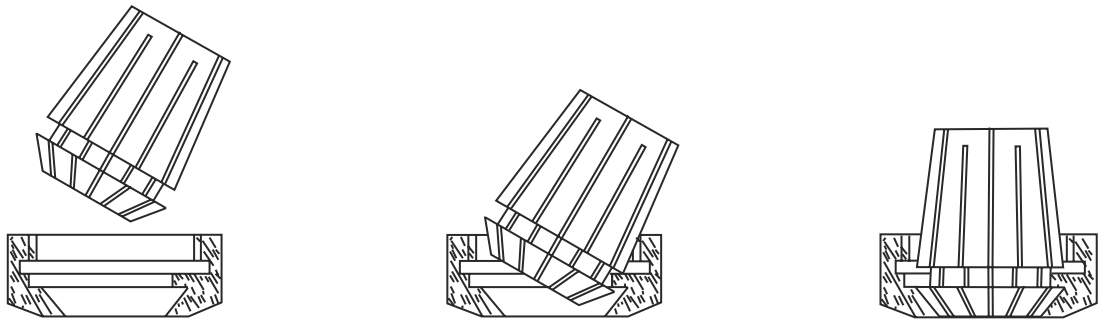
◎ Firstly should install collet into clamp nut then uses a wrench to lock it on tool holder before working.

◎ Clean the collet, clamping nut before using so as to get a good performance.



夹簧在锁紧螺帽的安装过程中，夹簧锁紧螺帽必须倾斜一定角度，然后轻轻的放在锁紧螺帽的锁紧卡横内，如下图所示：

In the process of installation, clamping nut should be tilted some angles with collet. And lock it in card slot.



第一步　　第二步　　第三步

夹簧与锁紧螺帽的安装步骤

二、注意事项：

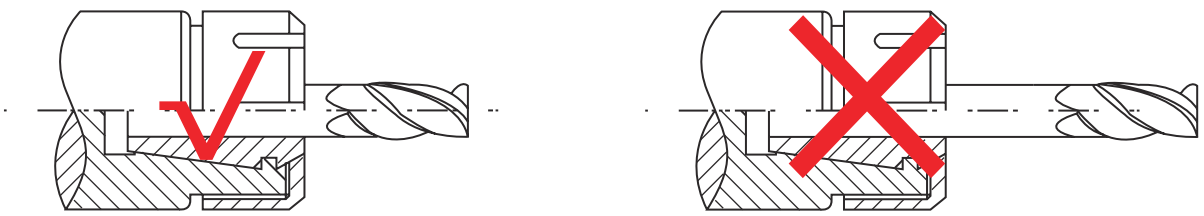
◎用弹簧夹头刀柄夹紧刀具进行切削加工时，一定要注意夹簧必须夹紧刀具，以免刀具在高速旋转中飞出伤人，出现安全事故。

◎弹簧夹头刀柄处于未工作状态时，严禁夹簧在示安装刀具时锁紧螺帽拧紧在刀柄或者接杆上，以防夹簧变形及脆性断裂。

Warning

◎ Make sure that the cutter is correctly mounted in the holder before setting the tool in the machine in case of personal injury.

◎ Remove the cutter and collet from chuck.Otherwise, clamping force may be reduced. Even worse, cause the collet brittle fracture.

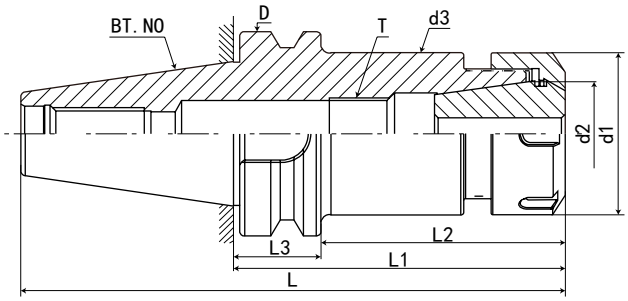


正确的夹紧方式
holding right

错误的夹紧方式
holding wrong

BT-ER 弹性筒夹刀柄 BT-ER COLLET CHUCK






P.131


P.106


P.133


P.129

规 格 Model	L	L1	L2	L3	D	d1	d2	d3	T	夹持范围 Range	重量 KGS
BT30-ER11M-60	108.4	60	38	22	46	16	11	16	M8*1.0P	1-7mm	0.53
BT30-ER11M-100	148.4	100	78	22	46	16	11	16	M8*1.0P	1-7mm	0.53
BT30-ER16-60	108.4	60	38	22	46	28	16	28	M10*1.5P	1-10mm	0.58
BT30-ER16-100	148.4	100	78	22	46	28	16	28	M10*1.5P	1-10mm	0.7
BT30-ER20-60	108.4	60	38	22	46	34	20	34	M13*1.75P	1-13mm	0.63
BT30-ER20-100	148.4	100	78	22	46	34	20	34	M13*1.75P	1-13mm	0.8
BT30-ER20-150	198.4	150	128	22	46	34	20	34	M13*1.75P	1-13mm	1.5
BT30-ER25-60	108.4	60	38	22	46	42	25	42	M18*2.0P	1-16mm	0.61
BT30-ER25-100	148.4	100	78	22	46	42	25	42	M18*2.0P	1-16mm	1
BT30-ER25-150	198.4	150	128	22	46	42	25	42	M18*2.0P	1-16mm	1.5
BT30-ER32-60	108.4	60	38	22	46	50	32	50	M22*2.0P	2-20mm	0.7
BT30-ER32-100	148.4	100	78	22	46	50	32	50	M22*2.0P	2-20mm	1
BT30-ER32-150	198.4	150	128	22	46	50	32	50	M22*2.0P	2-20mm	1.55
BT30-ER40-80	128.4	80	58	22	46	63	40	63	M28*2.0P	2-26mm	1
BT40-ER11M-70	135.4	70	43	27	63	16	11	16	M8*1.0P	1-7mm	1.15
BT40-ER11M-100	165.4	100	73	27	63	16	11	16	M8*1.0P	1-7mm	1.2
BT40-ER11M-150	215.4	150	123	27	63	16	11	16	M8*1.0P	1-7mm	1.5
BT40-ER16-70	135.4	70	43	27	63	28	16	28	M10*1.5P	1-10mm	1.3
BT40-ER16-100	165.4	100	73	27	63	28	16	28	M10*1.5P	1-10mm	1.3
BT40-ER16-150	215.4	150	123	27	63	28	16	28	M10*1.5P	1-10mm	1.6
BT40-ER16-200	265.4	200	173	27	63	28	16	28	M10*1.5P	1-10mm	1.7
BT40-ER16-250	315.4	250	223	27	63	28	16	28	M10*1.5P	1-10mm	2
BT40-ER16-300	365.4	300	273	27	63	28	16	28	M10*1.5P	1-10mm	2.3
BT40-ER20-70	135.4	70	43	27	63	34	20	34	M13*1.75P	1-13mm	1.2
BT40-ER20-100	165.4	100	73	27	63	34	20	34	M13*1.75P	1-13mm	1.4
BT40-ER20-150	215.4	150	123	27	63	34	20	34	M13*1.75P	1-13mm	1.7
BT40-ER20-200	265.4	200	173	27	63	34	20	34	M13*1.75P	1-13mm	2
BT40-ER20-250	315.4	250	223	27	63	34	20	34	M13*1.75P	1-13mm	2.1
BT40-ER20-300	365.4	300	273	27	63	34	20	34	M13*1.75P	1-13mm	2.4
BT40-ER25-70	135.4	70	43	27	63	42	25	42	M18*2.0P	1-16mm	1.3
BT40-ER25-100	165.4	100	73	27	63	42	25	42	M18*2.0P	1-16mm	1.6
BT40-ER25-150	215.4	150	123	27	63	42	25	42	M18*2.0P	1-16mm	2.05
BT40-ER25-200	265.4	200	173	27	63	42	25	42	M18*2.0P	1-16mm	2.5
BT40-ER25-250	315.4	250	223	27	63	42	25	42	M18*2.0P	1-16mm	3.05
BT40-ER25-300	365.4	300	273	27	63	42	25	42	M18*2.0P	1-16mm	3.55
BT40-ER32-70	135.4	70	43	27	63	50	32	50	M22*2.0P	2-20mm	1.4
BT40-ER32-100	165.4	100	73	27	63	50	32	50	M22*2.0P	2-20mm	1.7
BT40-ER32-150	215.4	150	123	27	63	50	32	50	M22*2.0P	2-20mm	2.4
BT40-ER32-200	265.4	200	173	27	63	50	32	50	M22*2.0P	2-20mm	3.15
BT40-ER32-250	315.4	250	223	27	63	50	32	50	M22*2.0P	2-20mm	4
BT40-ER32-300	365.4	300	273	27	63	50	32	50	M22*2.0P	2-20mm	4.4
BT40-ER40-80	145.4	80	53	27	63	63	40	63	M28*2.0P	2-26mm	1.5
BT40-ER40-100	165.4	100	73	27	63	63	40	63	M28*2.0P	2-26mm	2.1
BT40-ER40-150	215.4	150	123	27	63	63	40	63	M28*2.0P	2-26mm	3.2
BT40-ER40-200	265.4	200	173	27	63	63	40	63	M28*2.0P	2-26mm	3.3
BT40-ER40-250	315.4	250	223	27	63	63	40	63	M28*2.0P	2-26mm	4.2
BT40-ER40-300	365.4	300	273	27	63	63	40	63	M28*2.0P	2-26mm	4.5
BT40-ER50-100	165.4	100	43	27	63	78	50	78	M36*2.0P	6-34mm	1.15

BT50-ER 弹性筒夹刀柄 BT50-ER COLLET CHUCK





FIG. 1

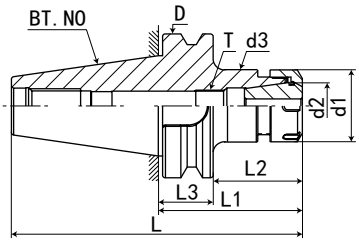
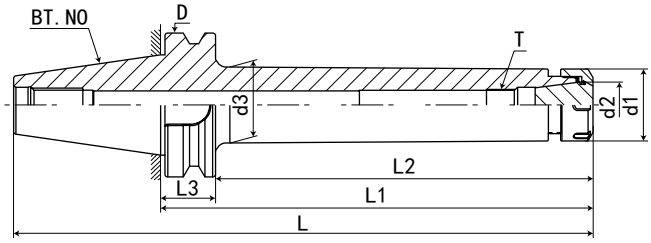


FIG. 2




P.131


P.106


P.133


P.129

规 格 Model	L	L1	L2	L3	D	d1	d2	d3	FIG	夹持范围 Range	重量 KGS
BT50-ER16-80	171.8	80	42	38	100	28	16	28	1	1-10mm	3.7
BT50-ER16-100	201.8	100	62	38	100	28	16	28	1	1-10mm	3.9
BT50-ER16-150	251.8	150	112	38	100	28	16	28	1	1-10mm	4.2
BT50-ER16-200	301.8	200	162	38	100	28	16	28	1	1-10mm	4.3
BT50-ER16-250	351.8	250	212	38	100	28	16	31	2	1-10mm	4.7
BT50-ER16-300	401.8	300	262	38	100	28	16	33	2	1-10mm	5.5
BT50-ER16-350	451.8	350	312	38	100	28	16	35	2	1-10mm	6.3
BT50-ER20-80	181.8	80	42	38	100	34	20	34	1	1-13mm	3.8
BT50-ER20-100	201.8	100	62	38	100	34	20	34	1	1-13mm	4
BT50-ER20-150	251.8	150	112	38	100	34	20	34	1	1-13mm	4.3
BT50-ER20-200	301.8	200	162	38	100	34	20	34	1	1-13mm	4.6
BT50-ER20-250	351.8	250	212	38	100	34	20	37	2	1-13mm	5
BT50-ER20-300	401.8	300	262	38	100	34	20	39	2	1-13mm	5.45
BT50-ER20-350	451.8	350	312	38	100	34	20	41	2	1-13mm	5.1
BT50-ER20-400	501.8	400	362	38	100	34	20	43	2	1-13mm	6.4
BT50-ER25-80	181.8	80	42	38	100	42	25	42	1	1-16mm	4
BT50-ER25-100	201.8	100	62	38	100	42	25	42	1	1-16mm	4.1
BT50-ER25-150	251.8	150	112	38	100	42	25	42	1	1-16mm	4.6
BT50-ER25-200	301.8	200	162	38	100	42	25	42	1	1-16mm	5.1
BT50-ER25-250	351.8	250	212	38	100	42	25	45	2	1-16mm	5.8
BT50-ER25-300	401.8	300	262	38	100	42	25	47	2	1-16mm	6.2
BT50-ER25-350	451.8	350	312	38	100	42	25	49	2	1-16mm	7
BT50-ER25-400	501.8	400	362	38	100	42	25	51	2	1-16mm	7.8

BT50-ER 弹性筒夹刀柄 BT50-ER COLLET CHUCK



FIG. 1

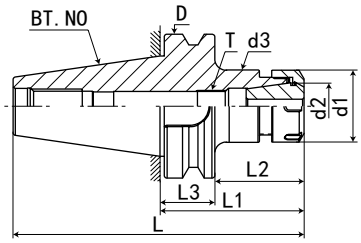
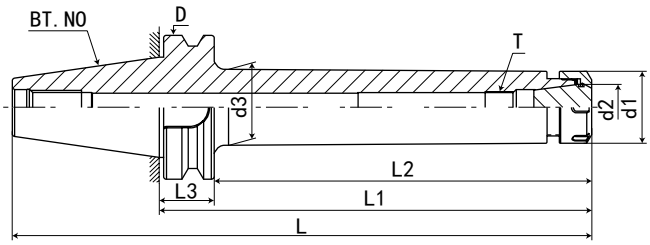




FIG. 2




P.I31


P.I06

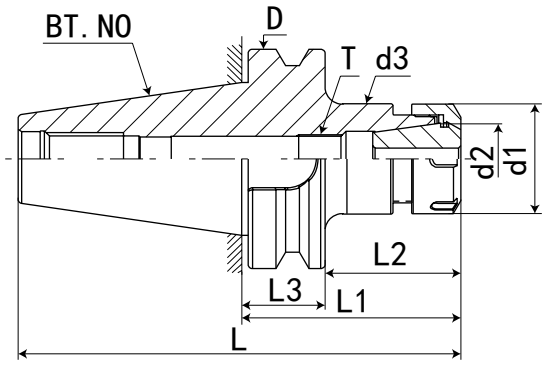

P.I33


P.I29

规 格 Model	L	L1	L2	L3	D	d1	d2	d3	FIG	夹持范围 Range	重量 KGS
BT50-ER32-80	181.8	80	42	38	100	50	32	50	1	2-20mm	3.9
BT50-ER32-100	201.8	100	62	38	100	50	32	50	1	2-20mm	4.2
BT50-ER32-150	251.8	150	112	38	100	50	32	50	1	2-20mm	4.9
BT50-ER32-200	301.8	200	162	38	100	50	32	50	1	2-20mm	5.7
BT50-ER32-250	351.8	250	212	38	100	50	32	50	1	2-20mm	6.5
BT50-ER32-300	401.8	300	262	38	100	50	32	53	2	2-20mm	7.2
BT50-ER32-350	451.8	350	312	38	100	50	32	54	2	2-20mm	8
BT50-ER32-400	501.8	400	362	38	100	50	32	56	2	2-20mm	8.9
BT50-ER32-450	551.8	450	412	38	100	50	32	58	2	2-20mm	11.5
BT50-ER32-500	601.8	500	462	38	100	50	32	60	2	2-20mm	12.5
BT50-ER32-550	651.8	550	512	38	100	50	32	65	2	2-20mm	15
BT50-ER32-600	701.8	600	562	38	100	50	32	68	2	2-20mm	16
BT50-ER40-80	186.8	80	42	38	100	63	40	63	1	2-26mm	4.7
BT50-ER40-100	201.8	100	62	38	100	63	40	63	1	2-26mm	5.2
BT50-ER40-150	251.8	150	112	38	100	63	40	63	1	2-26mm	6.5
BT50-ER40-200	301.8	200	162	38	100	63	40	63	1	2-26mm	7.5
BT50-ER40-250	351.8	250	212	38	100	63	40	63	1	2-26mm	8.6
BT50-ER40-300	401.8	300	262	38	100	63	40	66	2	2-26mm	9.8
BT50-ER40-350	451.8	350	312	38	100	63	40	67	2	2-26mm	11.5
BT50-ER40-400	501.8	400	362	38	100	63	40	70	2	2-26mm	13.5
BT50-ER40-450	551.8	450	412	38	100	63	40	72	2	2-26mm	14
BT50-ER40-500	601.8	500	462	38	100	63	40	73	2	2-26mm	16.5
BT50-ER40-550	651.8	550	512	38	100	63	40	75	2	2-26mm	18.5
BT50-ER40-600	701.8	600	562	38	100	63	40	78	2	2-26mm	21
BT50-ER50-100	201.8	100	62	38	100	78	50	78	1	6-34mm	3.9
BT50-ER50-150	251.8	150	112	38	100	78	50	78	1	6-34mm	6.2
BT50-ER50-200	301.8	200	162	38	100	78	50	78	1	6-34mm	7.8

BT60-ER 弹性筒夹刀柄 BT60-ER COLLET CHUCK





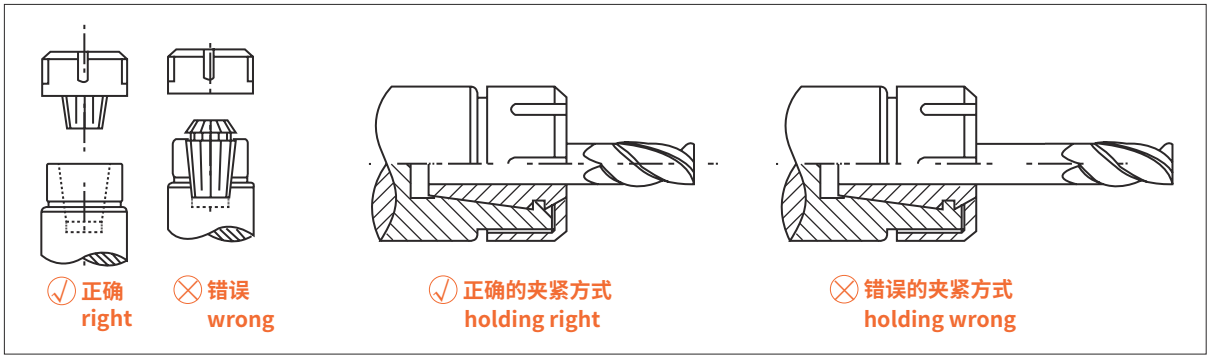

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规格 / 型号 Model	L	L1	L2	L3	D	d1	d2	d3	夹持范围 Range
BT60-ER32-100	261.8	100	52	48	155	50	32	50	2-20mm
BT60-ER32-150	311.8	150	102	48	155	50	32	50	2-20mm
BT60-ER40-100	261.8	100	52	48	155	63	40	63	2-26mm
BT60-ER40-150	311.8	150	102	48	155	63	40	63	2-26mm
BT60-ER50-100	261.8	100	52	48	155	78	50	78	6-34mm
BT60-ER50-150	311.8	150	102	48	155	78	50	78	6-34mm



特点：

注：

◎本体锥柄规格：JIS MAS 403 BT

◎配用 ER 弹性筒夹，可适用于夹持铣刀、钻头、丝锥

◎装置时筒夹必需先置入螺母，再装入刀具，接着锁固入本体

◎适用专用扳手，不可用其它工具，可能造成刀体损坏

◎扳手、拉钉、筒夹须另行购买

Features:

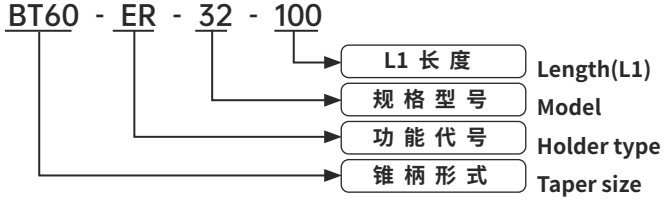
◎ Spindle conicity standard:JIS MAS 403 BT

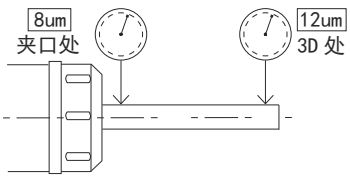
◎ ER collet chuck set with ER collet with flexibility used for gripping cutting tool, drill bit, draw bolt and so on.

◎ When using, nut should be clamped tensed firstly with cutting tools then locked into the main body.

◎ Always use the recommended wrench or spanner, unless, there might cause damage of cutting tools.

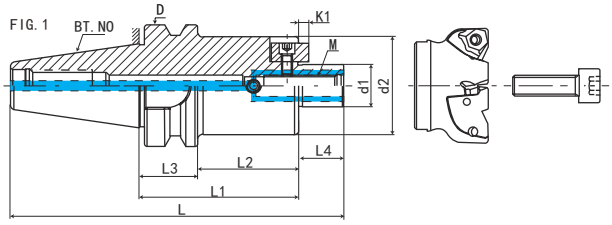
◎ The spanner、 pull stud chuck must purchase alone.



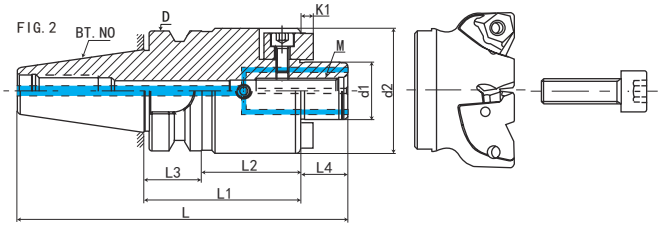


BT30-FMB 平面铣刀柄 BT30-FMB FACE MILL ARBOR











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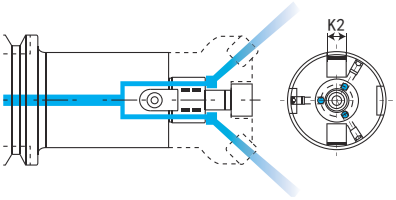
P.L02

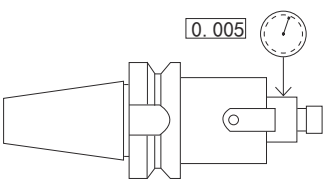
规 格 Model	L	L1	L2	L3	L4	D	d1	d2	K1	K2	M	FIG	重量 KGS
BT30-FMB16-60	125.4	60	38	22	17	46	16	38	3.2	8	M8*1.25P	1	0.5
BT30-FMB22-45	111.4	45	23	22	18	46	22	48	4.8	10	M10*1.5P	2	0.75
BT30-FMB22-60	126.4	60	38	22	18	46	22	48	4.8	10	M10*1.5P	2	1.5
BT30-FMB27-45	113.4	45	23	22	20	46	27	58	5.8	12	M12*1.75P	2	1.45
BT30-FMB27-60	128.4	60	38	22	20	46	27	58	5.8	12	M12*1.75P	2	1.45
BT30-FMB32-45	115.4	45	23	22	22	46	32	63	6.8	14	M16*2.0P	2	1.5
BT30-FMB32-60	130.4	60	38	22	22	46	32	63	6.8	14	M16*2.0P	2	1.6
BT30-FMB40-60	133.4	60	38	22	25	46	40	63	6.8	14	M16*2.0P	2	1.8

特点:

注:
◎本体锥柄规格：JIS MAS 403 BT
◎中心通孔有利于出水及抗震性强
◎平面铣刀配合部位（d) 轴系公差 h6
◎适用于平面铣削加工
◎可定制非常规长度
◎拉钉须另行购买

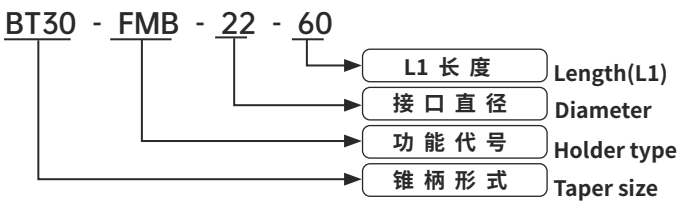
通过内冷，冷却液·空气直达刀尖





Features:

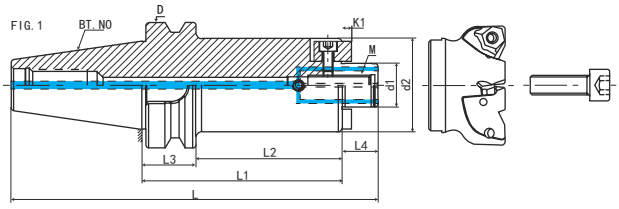
◎ Spindle conicity standard：JIS MAS 403 BT
◎ With water through design that reduces vibration and steady for cutting.
◎ Connecting part(d) designed for metric size.
◎ Tool holders with BT shank for face mill chuck, Face mill holders equipped with screws and drive keys to assemble the mill cutter to holder.
◎ Can be made upon requested dimensions.
◎ The pull stud must purchase alone.



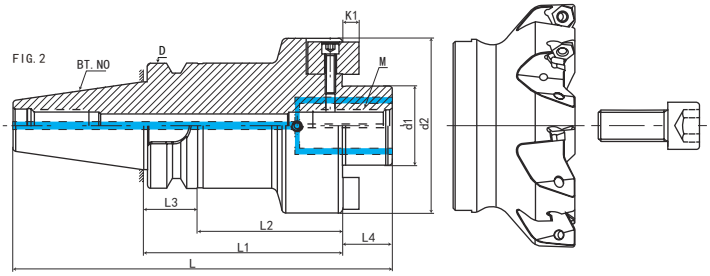
数控刀柄系列 CNC TOOL SYSTEMS

BT40-FMB 平面铣刀柄 BT40-FMB FACE MILL ARBOR











P.I29

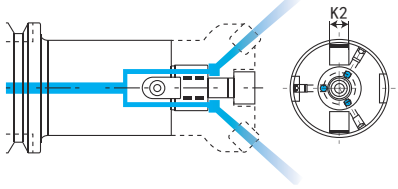


P.L02

规 格 Model	L	L1	L2	L3	L4	D	d1	d2	K1	K2	M	FIG	重量 KGS
BT40-FMB16-60	142.4	60	33	27	17	63	16	38	3.2	8	M8*1.25P	1	1.3
BT40-FMB16-100	182.4	100	73	27	17	63	16	38	3.2	8	M8*1.25P	1	1.4
BT40-FMB22-60	143.4	60	33	27	18	63	22	48	4.8	10	M10*1.5P	1	1.5
BT40-FMB22-100	183.4	100	73	27	18	63	22	48	4.8	10	M10*1.5P	1	2.05
BT40-FMB22-150	233.4	150	123	27	18	63	22	48	4.8	10	M10*1.5P	1	2.75
BT40-FMB22-200	283.4	200	173	27	18	63	22	48	4.8	10	M10*1.5P	1	3.6
BT40-FMB22-250	333.4	250	223	27	18	63	22	48	4.8	10	M10*1.5P	1	4.25
BT40-FMB22-300	383.4	300	273	27	18	63	22	48	4.8	10	M10*1.5P	1	4.9
BT40-FMB22-350	433.4	350	323	27	18	63	22	48	4.8	10	M10*1.5P	1	5.65
BT40-FMB22-400	483.4	400	373	27	18	63	22	48	4.8	10	M10*1.5P	1	6.4
BT40-FMB22-450	533.4	450	423	27	18	63	22	48	4.8	10	M10*1.5P	1	7.15
BT40-FMB22-500	583.4	500	473	27	18	63	22	48	4.8	10	M10*1.5P	1	7.9
BT40-FMB27-60	145.4	60	33	27	20	63	27	58	5.8	12	M12*1.75P	1	2.35
BT40-FMB27-100	185.4	100	73	27	20	63	27	58	5.8	12	M12*1.75P	1	3.1
BT40-FMB27-150	235.4	150	123	27	20	63	27	58	5.8	12	M12*1.75P	1	3.9
BT40-FMB27-200	285.4	200	173	27	20	63	27	58	5.8	12	M12*1.75P	1	4.8
BT40-FMB27-250	335.4	250	223	27	20	63	27	58	5.8	12	M12*1.75P	1	5.7
BT40-FMB27-300	385.4	300	273	27	20	63	27	58	5.8	12	M12*1.75P	1	6.6
BT40-FMB32-60	147.4	60	33	27	22	63	32	63	6.8	14	M16*2.0P	2	1.9
BT40-FMB32-100	187.4	100	73	27	22	63	32	63	6.8	14	M16*2.0P	2	2.8
BT40-FMB32-150	237.4	150	123	27	22	63	32	63	6.8	14	M16*2.0P	2	3.6
BT40-FMB32-200	287.4	200	173	27	22	63	32	63	6.8	14	M16*2.0P	2	4.2
BT40-FMB40-60	150.4	60	33	27	25	63	40	74	8.3	16	M16*2.0P	2	2.8
BT40-FMB40-100	190.4	100	73	27	25	63	40	74	8.3	16	M16*2.0P	2	3.6
BT40-FMB40-150	240.4	150	123	27	25	63	40	74	8.3	16	M16*2.0P	2	4.9
BT40-FMB40-200	290.4	200	173	27	25	63	40	74	8.3	16	M16*2.0P	2	6.2

特点：

注：
◎本体锥柄规格：JIS MAS 403 BT
◎中心通孔有利于出水及抗震性强
◎平面铣刀配合部位（d) 轴系公差 h6
◎适用于平面铣削加工
◎可定制非常规长度
◎拉钉须另行购买
通过内冷，冷却液·空气直达刀尖



Features:

◎ Spindle conicity standard：JIS MAS 403 BT
◎ With water through design that reduces vibration and steady for cutting.
◎ Connecting part(d) designed for metric size.
◎ Tool holders with BT shank for face mill chuck, Face mill holders equipped with screws and drive keys to assemble the mill cutter to holder.
◎ Can be made upon requested dimensions.
◎ The pull stud must purchase alone.

BT40 - FMB - 22 - 60

- 60 → L1 长 度 — Length(L1)
- 22 → 接 口 直 径 — Diameter
- FMB → 功 能 代 号 — Holder type
- BT40 → 锥 柄 形 式 — Taper size

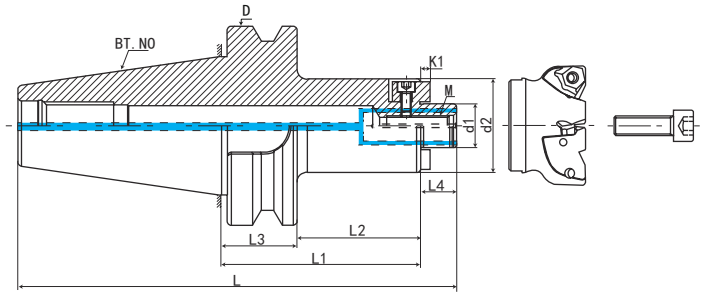
BT50-FMB 平面铣刀柄 BT50-FMB FACE MILL ARBOR





P.I29

P.L02



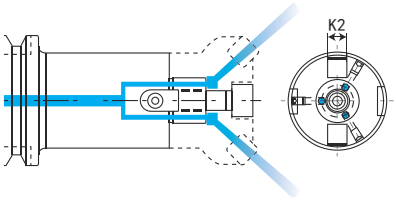
规 格 Model	L	L1	L2	L3	L4	D	d1	d2	K1	K2	M	FIG	重量 KGS
BT50-FMB16-60	178.8	60	22	38	17	100	16	38	3.2	8	M8*1.25P	1	4.0
BT50-FMB16-100	218.8	100	62	38	17	100	16	38	3.2	8	M8*1.25P	1	4.2
BT50-FMB16-150	268.8	150	112	38	17	100	16	38	3.2	8	M8*1.25P	1	4.5
BT50-FMB16-200	318.8	200	162	38	17	100	16	38	3.2	8	M8*1.25P	1	4.8
BT50-FMB22-60-D48	179.8	60	22	38	18	100	22	48	4.8	10	M10*1.5P	1	4.6
BT50-FMB22-100-D48	219.8	100	62	38	18	100	22	48	4.8	10	M10*1.5P	1	4.55
BT50-FMB22-150-D48	269.8	150	112	38	18	100	22	48	4.8	10	M10*1.5P	1	5.25
BT50-FMB22-200-D48	319.8	200	162	38	18	100	22	48	4.8	10	M10*1.5P	1	6
BT50-FMB22-250-D48	369.8	250	212	38	18	100	22	48	4.8	10	M10*1.5P	1	7
BT50-FMB22-300-D48	419.8	300	262	38	18	100	22	48	4.8	10	M10*1.5P	1	7.7
BT50-FMB22-350-D48	469.8	350	312	38	18	100	22	48	4.8	10	M10*1.5P	1	8.4
BT50-FMB22-400-D48	519.8	400	362	38	18	100	22	48	4.8	10	M10*1.5P	1	9.2
BT50-FMB22-450-D48	569.8	450	412	38	18	100	22	48	4.8	10	M10*1.5P	1	10
BT50-FMB22-500-D48	619.8	500	462	38	18	100	22	48	4.8	10	M10*1.5P	1	11.2
BT50-FMB22-45-D60	164.8	45	7	38	18	100	22	60	4.8	10	M10*1.5P	1	4.0
BT50-FMB22-60-D60	179.8	60	22	38	18	100	22	60	4.8	10	M10*1.5P	1	4.8
BT50-FMB22-100-D60	219.8	100	62	38	18	100	22	60	4.8	10	M10*1.5P	1	5.9
BT50-FMB22-150-D60	269.8	150	112	38	18	100	22	60	4.8	10	M10*1.5P	1	5.9
BT50-FMB22-200-D60	319.8	200	162	38	18	100	22	60	4.8	10	M10*1.5P	1	7.05
BT50-FMB22-250-D60	369.8	250	212	38	18	100	22	60	4.8	10	M10*1.5P	1	8.4
BT50-FMB22-300-D60	419.8	300	262	38	18	100	22	60	4.8	10	M10*1.5P	1	9.45
BT50-FMB22-350-D62	469.8	350	312	38	18	100	22	62-58	4.8	10	M10*1.5P	1	10.5
BT50-FMB22-400-D62	519.8	400	362	38	18	100	22	62-58	4.8	10	M10*1.5P	1	12
BT50-FMB22-450-D62	569.8	450	412	38	18	100	22	62-58	4.8	10	M10*1.5P	1	13.25
BT50-FMB22-500-D62	619.8	500	462	38	18	100	22	62-58	4.8	10	M10*1.5P	1	15.6
BT50-FMB22-550-D62	669.8	550	512	38	18	100	22	62-58	4.8	10	M10*1.5P	1	16.95
BT50-FMB22-600-D62	719.8	600	562	38	18	100	22	62-58	4.8	10	M10*1.5P	1	18
BT50-FMB22-650-D62	769.8	650	612	38	18	100	22	62-58	4.8	10	M10*1.5P	1	22
BT50-FMB22-700-D62	819.8	700	662	38	18	100	22	62-58	4.8	10	M10*1.5P	1	25

特点:

注:

◎本体锥柄规格：JIS MAS 403 BT
◎中心通孔有利于出水及抗震性强
◎平面铣刀配合部位（d) 轴系公差 h6
◎适用于平面铣削加工
◎可定制非常规长度
◎拉钉须另行购买

通过内冷，冷却液·空气直达刀尖



Features:

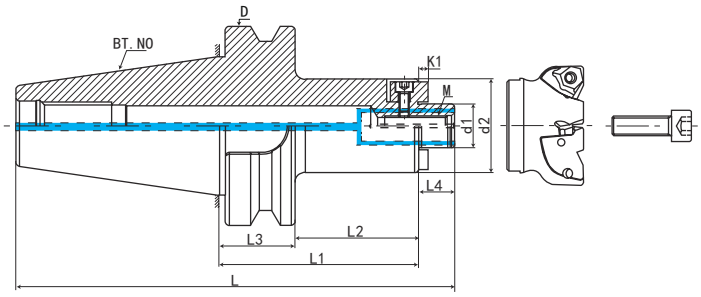
◎ Spindle conicity standard：JIS MAS 403 BT
◎ With water through design that reduces vibration and steady for cutting.
◎ Connecting part(d) designed for metric size.
◎ Tool holders with BT shank for face mill chuck, Face mill holders equipped with screws and drive keys to assemble the mill cutter to holder.
◎ Can be made upon requested dimensions.
◎ The pull stud must purchase alone.

BT50 - FMB - 22 - 60

L1 长 度	Length(L1)
接 口 直 径	Diameter
功 能 代 号	Holder type
锥 柄 形 式	Taper size

BT50-FMB 平面铣刀柄 BT50-FMB FACE MILL ARBOR







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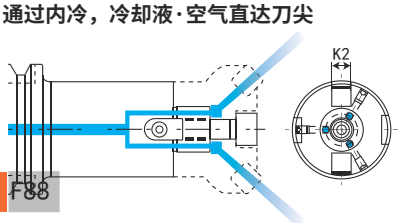


P.L02

规 格 Model	L	L1	L2	L3	L4	D	d1	d2	K1	K2	M	重量 KGS
BT50-FMB27-45	166.8	45	7	38	20	100	27	60	5.8	12	M12*1.75P	4.0
BT50-FMB27-60	181.8	60	22	38	20	100	27	60	5.8	12	M12*1.75P	4.5
BT50-FMB27-100	221.8	100	62	38	20	100	27	60	5.8	12	M12*1.75P	4.8
BT50-FMB27-150	271.8	150	112	38	20	100	27	60	5.8	12	M12*1.75P	6.05
BT50-FMB27-200	321.8	200	162	38	20	100	27	60	5.8	12	M12*1.75P	6.9
BT50-FMB27-250	371.8	250	212	38	20	100	27	60	5.8	12	M12*1.75P	8.4
BT50-FMB27-300	421.8	300	262	38	20	100	27	60	5.8	12	M12*1.75P	9.5
BT50-FMB27-350	471.8	350	312	38	20	100	27	62	5.8	12	M12*1.75P	10.5
BT50-FMB27-400	521.8	400	362	38	20	100	27	62	5.8	12	M12*1.75P	12
BT50-FMB27-450	571.8	450	412	38	20	100	27	62	5.8	12	M12*1.75P	13.5
BT50-FMB27-500	621.8	500	462	38	20	100	27	62	5.8	12	M12*1.75P	15
BT50-FMB27-550	671.8	550	512	38	20	100	27	62	5.8	12	M12*1.75P	16.5
BT50-FMB27-600	721.8	600	562	38	20	100	27	62	5.8	12	M12*1.75P	18
BT50-FMB32-60	183.8	60	22	38	22	100	32	70	6.8	14	M16*2.0P	4.65
BT50-FMB32-100	223.8	100	62	38	22	100	32	70	6.8	14	M16*2.0P	5.6
BT50-FMB32-150	273.8	150	112	38	22	100	32	70	6.8	14	M16*2.0P	7.85
BT50-FMB32-200	323.8	200	162	38	22	100	32	70	6.8	14	M16*2.0P	9.75
BT50-FMB32-250	373.8	250	212	38	22	100	32	70	6.8	14	M16*2.0P	12
BT50-FMB32-300	423.8	300	262	38	22	100	32	70	6.8	14	M16*2.0P	15
BT50-FMB32-350	473.8	350	312	38	22	100	32	70	6.8	14	M16*2.0P	16.5
BT50-FMB32-400	523.8	400	362	38	22	100	32	70	6.8	14	M16*2.0P	18
BT50-FMB32-450	573.8	450	412	38	22	100	32	70	6.8	14	M16*2.0P	18.5
BT50-FMB32-500	623.8	500	462	38	22	100	32	70	6.8	14	M16*2.0P	20
BT50-FMB40-60	186.8	60	22	38	25	100	40	80	8.3	16	M16*2.0P	5.5
BT50-FMB40-100	226.8	100	62	38	25	100	40	80	8.3	16	M16*2.0P	6.7
BT50-FMB40-150	276.8	150	112	38	25	100	40	80	8.3	16	M16*2.0P	7.5
BT50-FMB40-200	326.8	200	162	38	25	100	40	80	8.3	16	M16*2.0P	10.75
BT50-FMB40-250	376.8	250	212	38	25	100	40	80	8.3	16	M16*2.0P	12.75
BT50-FMB40-300	426.8	300	262	38	25	100	40	80	8.3	16	M16*2.0P	14.75
BT50-FMB40-350	476.8	350	312	38	25	100	40	80	8.3	16	M16*2.0P	16.75
BT50-FMB40-400	526.8	400	362	38	25	100	40	80	8.3	16	M16*2.0P	18.75
BT50-FMB40-450	576.8	450	412	38	25	100	40	80	8.3	16	M16*2.0P	20.8
BT50-FMB40-500	626.8	500	462	38	25	100	40	80	8.3	16	M16*2.0P	22.8

特点：

注：
◎本体锥柄规格：JIS MAS 403 BT
◎中心通孔有利于出水及抗震性强
◎平面铣刀配合部位（d）轴系公差 h6
◎适用于平面铣削加工
◎可定制非常规长度
◎拉钉须另行购买
通过内冷，冷却液·空气直达刀尖

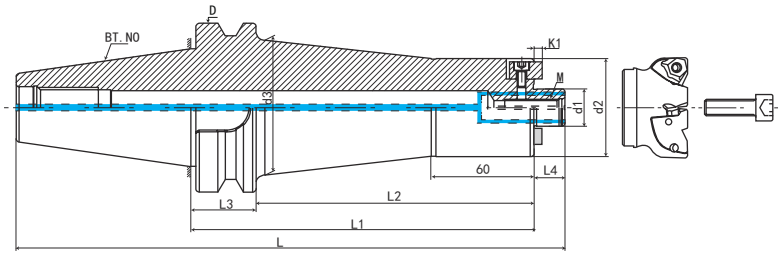


Features:

◎ Spindle conicity standard：JIS MAS 403 BT
◎ With water through design that reduces vibration and steady for cutting.
◎ Connecting part(d) designed for metric size.
◎ Tool holders with BT shank for face mill chuck, Face mill holders equipped with screws and drive keys to assemble the mill cutter to holder.
◎ Can be made upon requested dimensions.
◎ The pull stud must purchase alone.

BT-FMB 平面铣刀柄（加长斜度柄） BT-FMB FACE MILL ARBOR (EXTENSION TYPE)







P.I29



P.L02

规 格 Model	L	L1	L2	L3	L4	D	d1	d2	d3	K1	定位键宽 K	M	重量 KGS
BT40-FMB22-200BG	283.4	200	173	27	18	63	22	48	60	4.8	10	M10*1.5P	
BT40-FMB22-250BG	333.4	250	223	27	18	63	22	48	60	4.8	10	M10*1.5P	
BT40-FMB22-300BG	383.4	300	273	27	18	63	22	48	60	4.8	10	M10*1.5P	
BT40-FMB22-350BG	433.4	350	323	27	18	63	22	48	60	4.8	10	M10*1.5P	
BT40-FMB22-400BG	483.4	400	373	27	18	63	22	48	60	4.8	10	M10*1.5P	
BT40-FMB22-450BG	533.4	450	423	27	18	63	22	48	60	4.8	10	M10*1.5P	
BT40-FMB22-500BG	583.4	500	473	27	18	63	22	48	60	4.8	10	M10*1.5P	
BT50-FMB22-200BG	319.8	200	162	38	18	100	22	58	80	4.8	10	M10*1.5P	8.5
BT50-FMB22-250BG	369.8	250	212	38	18	100	22	58	80	4.8	10	M10*1.5P	10
BT50-FMB22-300BG	419.8	300	262	38	18	100	22	58	80	4.8	10	M10*1.5P	11
BT50-FMB22-350BG	469.8	350	312	38	18	100	22	58	80	4.8	10	M10*1.5P	
BT50-FMB22-400BG	519.8	400	362	38	18	100	22	58	80	4.8	10	M10*1.5P	14.5
BT50-FMB22-450BG	569.8	450	412	38	18	100	22	58	80	4.8	10	M10*1.5P	17
BT50-FMB22-500BG	619.8	500	462	38	18	100	22	58	80	4.8	10	M10*1.5P	17.4
BT50-FMB22-550BG	669.8	550	512	38	18	100	22	58	80	4.8	10	M10*1.5P	19
BT50-FMB22-600BG	719.8	600	562	38	18	100	22	58	80	4.8	10	M10*1.5P	20.5
BT50-FMB22-650BG	769.8	650	612	38	18	100	22	58	80	4.8	10	M10*1.5P	
BT50-FMB22-700BG	819.8	700	662	38	18	100	22	58	80	4.8	10	M10*1.5P	
BT50-FMB27-200BG	321.8	200	162	38	20	100	27	60	80	5.8	12	M12*1.75P	
BT50-FMB27-250BG	371.8	250	212	38	20	100	27	60	80	5.8	12	M12*1.75P	
BT50-FMB27-300BG	421.8	300	262	38	20	100	27	60	80	5.8	12	M12*1.75P	
BT50-FMB27-350BG	471.8	350	312	38	20	100	27	60	80	5.8	12	M12*1.75P	
BT50-FMB27-400BG	521.8	400	362	38	20	100	27	60	80	5.8	12	M12*1.75P	
BT50-FMB27-450BG	571.8	450	412	38	20	100	27	60	80	5.8	12	M12*1.75P	
BT50-FMB27-500BG	621.8	500	462	38	20	100	27	60	80	5.8	12	M12*1.75P	

特点：

注：

◎本体锥柄规格：JIS MAS 403 BT

◎中心通孔有利于出水及抗震性强

◎平面铣刀配合部位（d) 轴系公差 h6

◎适用于平面铣削加工

◎可定制非常规长度

◎拉钉须另行购买

Features:

◎ Spindle conicity standard：JIS MAS 403 BT

◎ With water through design that reduces vibration and steady for cutting.

◎ Connecting part(d) designed for metric size.

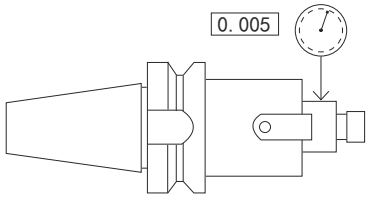
◎ Tool holders with BT shank for face mill chuck, Face mill holders equipped with screws and drive keys to assemble the mill cutter to holder.

◎ Can be made upon requested dimensions.

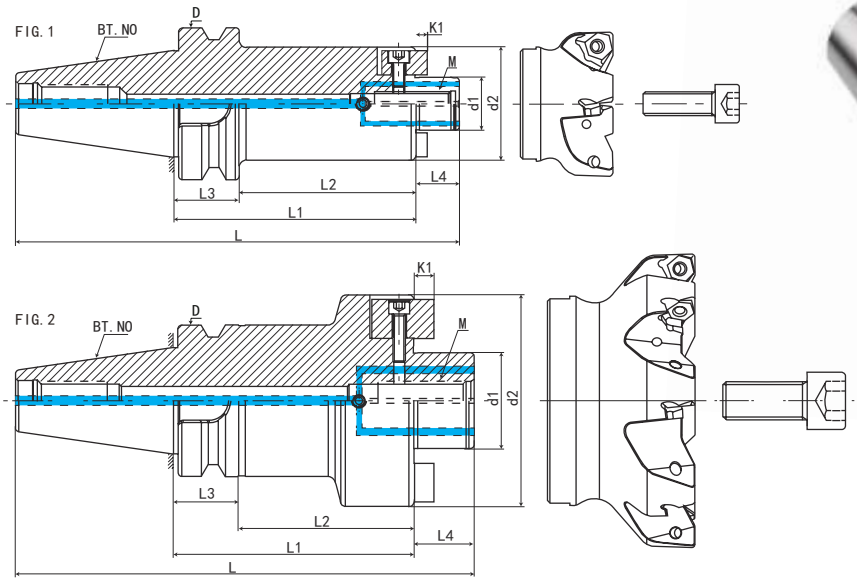
◎ The pull stud must purchase alone.

BT50 - FMB - 22 - 200BG

- L1 长 度 — Length(L1)
- 接 口 直 径 — Diameter
- 功 能 代 号 — Holder type
- 锥 柄 形 式 — Taper size



BT60-FMB 平面铣刀柄 BT60-FMB FACE MILL ARBOR






P.I29


P.L02

规格 / 型号 Model	L	L1	L2	L3	L4	D	d1	d2	K1	K2	FIG	M
BT60-FMB22-100	279.8	100	52	48	18	155	22	48-58	4.8	10	1	M10*1.5P
BT60-FMB22-150	329.8	150	92	48	18	155	22	48-58	4.8	10	1	M10*1.5P
BT60-FMB27-100	281.8	100	52	48	20	155	27	58	5.8	12	1	M12*1.75P
BT60-FMB32-100	283.8	100	52	48	22	155	32	65	6.8	14	1	M16*2.0P
BT60-FMB40-100	286.8	100	52	48	25	155	40	80	8.3	16	1	M16*2.0P
BT60-FMB60-75	261.8	75	27	48	25	155	60	128	12.5	25.4	2	M16*2.0P

特点：

注：

◎本体锥柄规格：JIS MAS 403 BT

◎中心通孔有利于出水及抗震性强

◎平面铣刀配合部位（d) 轴系公差 h6

◎适用于平面铣削加工

◎可定制非常规长度

◎拉钉须另行购买

Features:

◎ Spindle conicity standard：JIS MAS 403 BT

◎ With water through design that reduces vibration and steady for cutting.

◎ Connecting part(d) designed for metric size.

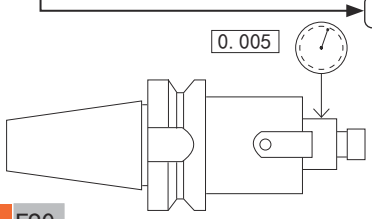
◎ Tool holders with BT shank for face mill chuck, Face mill holders equipped with screws and drive keys to assemble the mill cutter to holder.

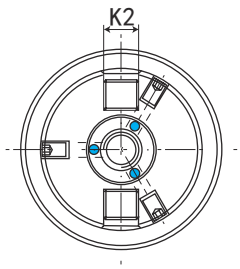
◎ Can be made upon requested dimensions.

◎ The pull stud must purchase alone.

BT60 - FMB - 22 - 60

L1 长 度	Length(L1)
接 口 直 径	Bore diameter of cutter
功 能 代 号	Face mill holder type B
锥 柄 形 式	Shank size





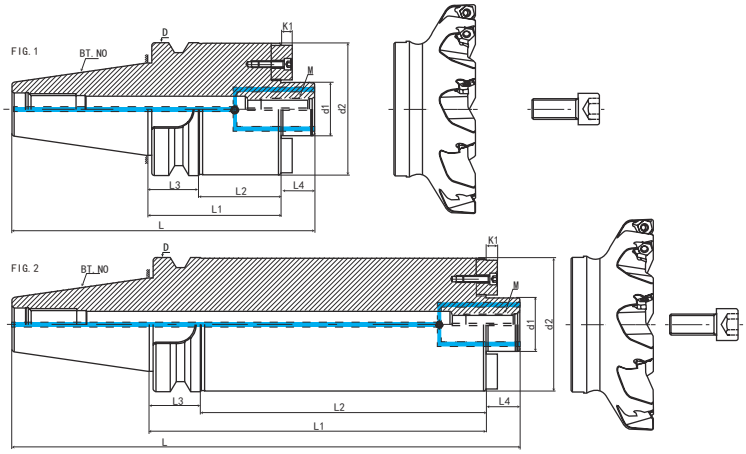
BT-FMB 平面铣刀柄 BT-FMB FACE MILL ARBOR







P.I29 P.L02



规 格 Model	L	L1	L2	L3	L4	D	d1	d2	K1	K2	四螺孔中心距（PCD）	FIG	重量 KGS
BT40-FMB40F-60(四螺孔)	150.4	60	33	27	25	63	40	99	8.3	16	66.7	1	2.8
BT40-FMB40F-100(四螺孔)	190.4	100	73	27	25	63	40	99	8.3	16	66.7	1	3.6
BT50-FMB40F-60(四螺孔)	186.8	60	22	38	25	100	40	99	8.3	16	66.7	1	5.5
BT50-FMB40F-100(四螺孔)	226.8	100	62	38	25	100	40	99	8.3	16	66.7	1	6.7
BT50-FMB40F-150(四螺孔)	276.8	150	112	38	25	100	40	99	8.3	16	66.7	2	7.5
BT50-FMB40F-200(四螺孔)	326.8	200	162	38	25	100	40	99	8.3	16	66.7	2	10.75
BT50-FMB40F-250(四螺孔)	376.8	250	212	38	25	100	40	99	8.3	16	66.7	2	14
BT50-FMB40F-300(四螺孔)	426.8	300	262	38	25	100	40	99	8.3	16	66.7	2	17.25
BT60-FMB40F-75(四螺孔)	261.8	75	37	38	25	155	40	110	8.3	16	66.7	1	14.75
BT60-FMB40F-100(四螺孔)	301.8	100	62	38	25	155	40	110	8.3	16	66.7	1	16.75

特点：

注：

◎本体锥柄规格：JIS MAS 403 BT

◎中心通孔有利于出水及抗震性强

◎平面铣刀配合部位（d) 轴系公差 h6

◎适用于平面铣削加工

◎可定制非常规长度

◎拉钉须另行购买

Features:

◎ Spindle conicity standard：JIS MAS 403 BT

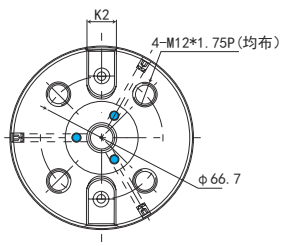
◎ With water through design that reduces vibration and steady for cutting.

◎ Connecting part(d) designed for metric size.

◎ Tool holders with BT shank for face mill chuck, Face mill holders equipped with screws and drive keys to assemble the mill cutter to holder.

◎ Can be made upon requested dimensions.

◎ The pull stud must purchase alone.



BT-FMB 平面铣刀柄 BT-FMB FACE MILL ARBOR









P.292 P.405

FIG. 1

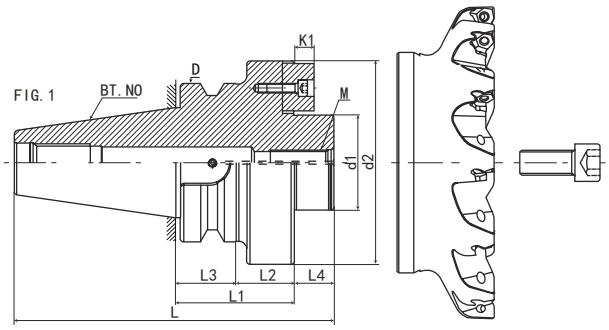
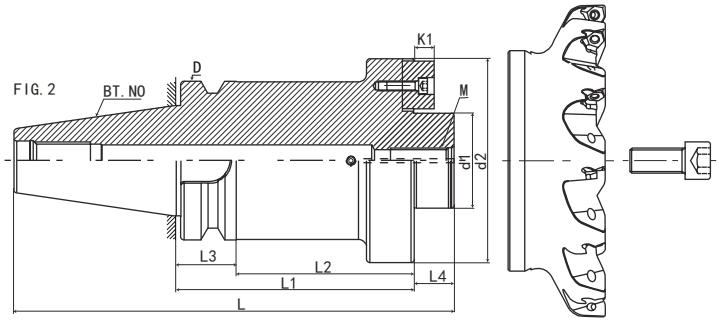


FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	d1	d2	K1	K2	四螺孔中心距	FIG	重量 KGS
BT40-FMB60-75	165.4	75	48	27	25	63	60	128.5	12.5	25.4	101.6	1	5
BT50-FMB60-75	201.8	75	37	38	25	100	60	128.5	12.5	25.4	101.6	1	8.5
BT50-FMB60-100	226.8	100	62	38	25	100	60	128.5	12.5	25.4	101.6	1	10
BT50-FMB60-150	276.8	150	112	38	25	100	60	128.5	12.5	25.4	101.6	2	13.5
BT50-FMB60-200	326.8	200	162	38	25	100	60	128.5	12.5	25.4	101.6	2	16
BT50-FMB60-250	376.8	250	212	38	25	100	60	128.5	12.5	25.4	101.6	2	19
BT50-FMB60-300	426.8	300	262	38	25	100	60	128.5	12.5	25.4	101.6	2	24
BT50-FMB60-350	476.8	350	312	38	25	100	60	128.5	12.5	25.4	101.6	2	28
BT50-FMB60-400	526.8	400	362	38	25	100	60	128.5	12.5	25.4	101.6	2	32
BT50-FMB60-450	576.8	450	412	38	25	100	60	128.5	12.5	25.4	101.6	2	36
BT50-FMB60-500	626.8	500	462	38	25	100	60	128.5	12.5	25.4	101.6	2	40

特点：

注：

◎本体锥柄规格：JIS MAS 403 BT

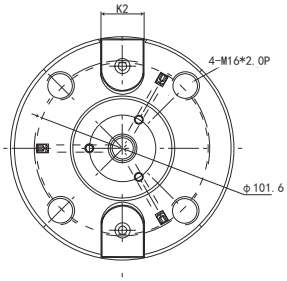
◎中心通孔有利于出水及抗震性强

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Features:

◎ Spindle conicity standard：JIS MAS 403 BT

◎ With water through design that reduces vibration and steady for cutting.

◎ Connecting part(d) designed for metric size.

◎ Tool holders with BT shank for face mill chuck, Face mill holders equipped with screws and drive keys to assemble the mill cutter to holder.

◎ Can be made upon requested dimensions.

◎ The pull stud must purchase alone.

BT-FMA 平面铣刀柄 BT-FMA FACE MILL ARBOR







P.292 P.405

FIG. 1

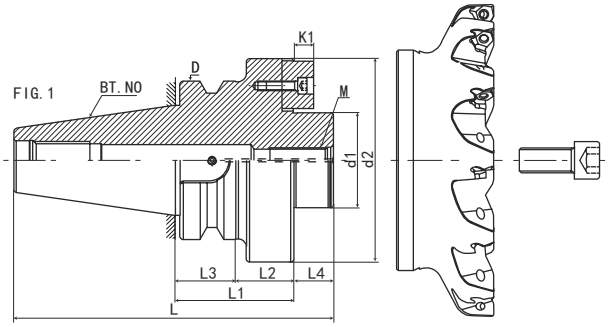
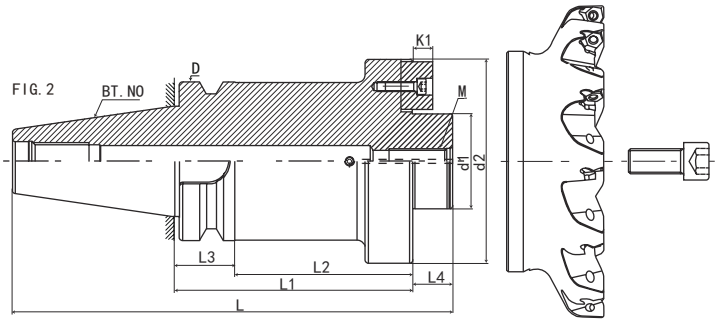


FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	d1	d2	K1	K2	四螺孔中心距	FIG	重量 KGS
BT40-FMA47.625-75	172.4	75	48	27	25	63	47.625	128.5	12.5	25.4	101.6	1	5
BT50-FMA47.625-75	208.8	75	37	38	25	100	47.625	128.5	12.5	25.4	101.6	1	8.5
BT50-FMA47.625-100	233.8	100	62	38	25	100	47.625	128.5	12.5	25.4	101.6	1	10
BT50-FMA47.625-150	283.8	150	112	38	25	100	47.625	128.5	12.5	25.4	101.6	2	13.5
BT50-FMA47.625-200	333.8	200	162	38	25	100	47.625	128.5	12.5	25.4	101.6	2	16
BT50-FMA47.625-250	383.8	250	212	38	25	100	47.625	128.5	12.5	25.4	101.6	2	19
BT50-FMA47.625-300	433.8	300	262	38	25	100	47.625	128.5	12.5	25.4	101.6	2	24
BT50-FMA47.625-350	483.8	350	312	38	25	100	47.625	128.5	12.5	25.4	101.6	2	28
BT50-FMA47.625-400	533.8	400	362	38	25	100	47.625	128.5	12.5	25.4	101.6	2	32
BT50-FMA47.625-450	583.8	450	412	38	25	100	47.625	128.5	12.5	25.4	101.6	2	36
BT50-FMA47.625-500	633.8	500	462	38	25	100	47.625	128.5	12.5	25.4	101.6	2	40

特点：

注：

◎本体锥柄规格：JIS MAS 403 BT

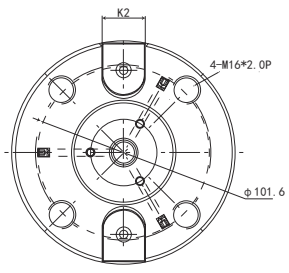
◎中心通孔有利于出水及抗震性强

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Features:

◎ Spindle conicity standard：JIS MAS 403 BT

◎ With water through design that reduces vibration and steady for cutting.

◎ Connecting part(d) designed for metric size.

◎ Tool holders with BT shank for face mill chuck, Face mill holders equipped with screws and drive keys to assemble the mill cutter to holder.

◎ Can be made upon requested dimensions.

◎ The pull stud must purchase alone.

BT-FMA 平面铣刀柄 BT-FMA FACE MILL ARBOR

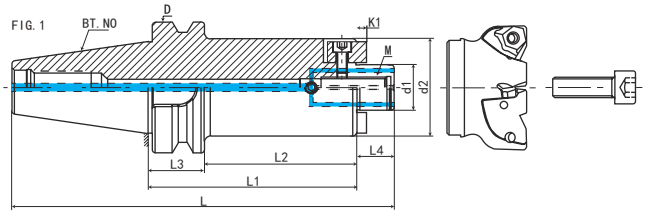


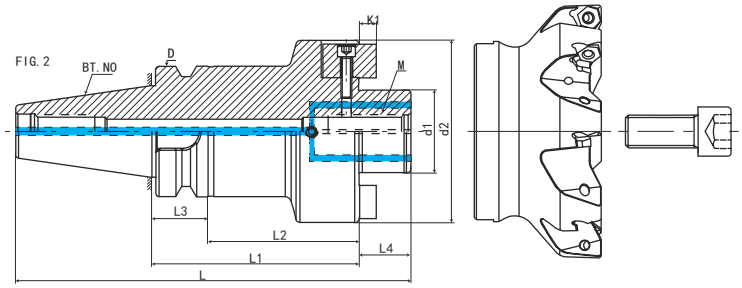


P.I29



P.L02





规 格 Model	L	L1	L2	L3	L4	D	d1	d2	K1	K2	FIG	重量 KGS
BT30-FMA25.4-45	113.4	45	23	22	20	46	25.4	50	4.52	9.52	1	1.1
BT30-FMA25.4-60	128.4	60	38	22	20	46	25.4	50	4.52	9.52	1	1.3
BT30-FMA31.75-45	115.4	45	23	22	22	46	31.75	60	6.7	12.7	1	1.35
BT30-FMA31.75-60	130.4	60	38	22	22	46	31.75	60	6.7	12.7	1	1.5
BT40-FMA25.4-60	145.4	60	33	27	20	63	25.4	50	4.52	9.52	1	1.5
BT40-FMA25.4-100	185.4	100	73	27	20	63	25.4	50	4.52	9.52	1	2.05
BT40-FMA25.4-150	235.4	150	123	27	20	63	25.4	50	4.52	9.52	1	2.75
BT40-FMA25.4-200	285.4	200	173	27	20	63	25.4	50	4.52	9.52	1	3.6
BT40-FMA31.75-60	147.4	60	33	27	22	63	31.75	60	6.7	12.7	1	2.05
BT40-FMA31.75-100	187.4	100	73	27	22	63	31.75	60	6.7	12.7	1	2.9
BT40-FMA31.75-150	237.4	150	123	27	22	63	31.75	60	6.7	12.7	1	4.1
BT40-FMA38.10-60	150.4	60	33	27	25	63	38.1	75	8.87	15.87	2	2.1
BT40-FMA38.10-100	190.4	100	73	27	25	63	38.1	75	8.87	15.87	2	2.95
BT40-FMA50.80-60	161.4	60	33	27	36	63	50.8	98	9.75	19.05	2	4.5

特点：

注：

◎本体锥柄规格：JIS MAS 403 BT

◎中心通孔有利于出水及抗震性强

◎平面铣刀配合部位（d) 轴系公轴 h6

◎适用于平面铣削加工

◎可定制非常规长度

◎拉钉须另行购买

Features:

◎ Spindle conicity standard：JIS MAS 403 BT

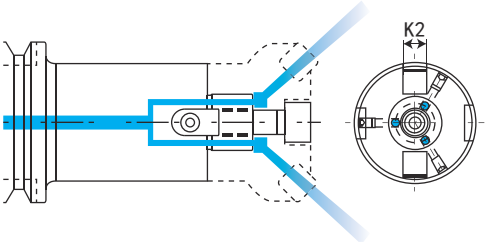
◎ With water through design that reduces vibration and steady for cutting.

◎ Connecting part(d) designed for metric size.

◎ Tool holders with BT shank for face mill chuck, Face mill holders equipped with screws and drive keys to assemble the mill cutter to holder.

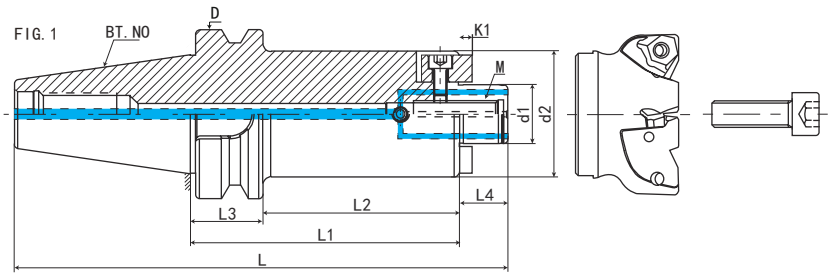
◎ Can be made upon requested dimensions.

◎ The pull stud must purchase alone.



BT50-FMA 平面铣刀柄 BT50-FMA FACE MILL ARBOR





规 格 Model	L	L1	L2	L3	L4	D	d1	d2	K1	K2	重量 KGS
BT50-FMA25.4-60	181.8	60	22	38	20	100	25.4	50	4.52	9.52	4.5
BT50-FMA25.4-100	221.8	100	62	38	20	100	25.4	50	4.52	9.52	4.8
BT50-FMA25.4-150	271.8	150	112	38	20	100	25.4	50	4.52	9.52	6.05
BT50-FMA25.4-200	321.8	200	162	38	20	100	25.4	50	4.52	9.52	6.9
BT50-FMA25.4-250	371.8	250	212	38	20	100	25.4	50	4.52	9.52	8.4
BT50-FMA25.4-300	421.8	300	262	38	20	100	25.4	50	4.52	9.52	9.5
BT50-FMA25.4-350	471.8	350	312	38	20	100	25.4	50	4.52	9.52	10.5
BT50-FMA25.4-400	521.8	400	362	38	20	100	25.4	50	4.52	9.52	12
BT50-FMA25.4-450	571.8	450	412	38	20	100	25.4	50	4.52	9.52	13.5
BT50-FMA25.4-500	621.8	500	462	38	20	100	25.4	50	4.52	9.52	15
BT50-FMA31.75-60	183.8	60	22	38	22	100	31.75	60	6.7	12.7	4.65
BT50-FMA31.75-100	223.8	100	62	38	22	100	31.75	60	6.7	12.7	5.6
BT50-FMA31.75-150	273.8	150	112	38	22	100	31.75	60	6.7	12.7	7.85
BT50-FMA31.75-200	323.8	200	162	38	22	100	31.75	60	6.7	12.7	9.75
BT50-FMA31.75-250	373.8	250	212	38	22	100	31.75	60	6.7	12.7	12
BT50-FMA31.75-300	423.8	300	262	38	22	100	31.75	60	6.7	12.7	15
BT50-FMA31.75-350	473.8	350	312	38	22	100	31.75	60	6.7	12.7	18
BT50-FMA38.10-60	186.8	60	22	38	25	100	38.1	75	8.87	15.87	5.5
BT50-FMA38.10-100	226.8	100	62	38	25	100	38.1	75	8.87	15.87	6.7
BT50-FMA38.10-150	276.8	150	112	38	25	100	38.1	75	8.87	15.87	7.5
BT50-FMA38.10-200	326.8	200	162	38	25	100	38.1	75	8.87	15.87	10.75
BT50-FMA50.80-75	212.8	75	37	38	36	100	50.8	98	9.75	19.05	6.4
BT50-FMA50.80-100	237.8	100	62	38	36	100	50.8	98	9.75	19.05	7
BT50-FMA50.80-150	287.8	150	112	38	36	100	50.8	98	9.75	19.05	8.2
BT50-FMA50.80-200	337.8	200	162	38	36	100	50.8	98	9.75	19.05	9.4

特点：

注：

◎本体锥柄规格：JIS MAS 403 BT

◎中心通孔有利于出水及抗震性强

◎平面铣刀配合部位（d) 轴系公轴 h6

◎适用于平面铣削加工

◎可定制非常规长度

◎拉钉须另行购买

Features:

◎ Spindle conicity standard：JIS MAS 403 BT

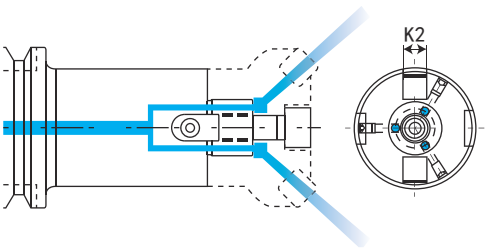
◎ With water through design that reduces vibration and steady for cutting.

◎ Connecting part(d) designed for metric size.

◎ Tool holders with BT shank for face mill chuck, Face mill holders equipped with screws and drive keys to assemble the mill cutter to holder.

◎ Can be made upon requested dimensions.

◎ The pull stud must purchase alone.



BT-MTA 带扁尾莫氏刀柄 BT-MTA TAPER ADAPTER(MORSE)







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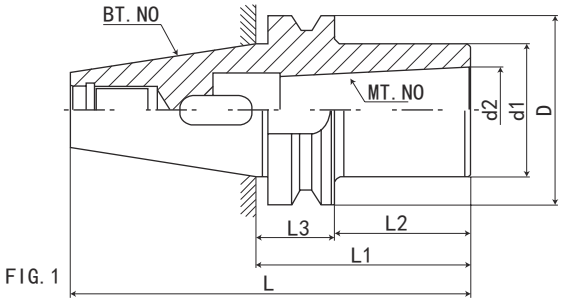


FIG. 1

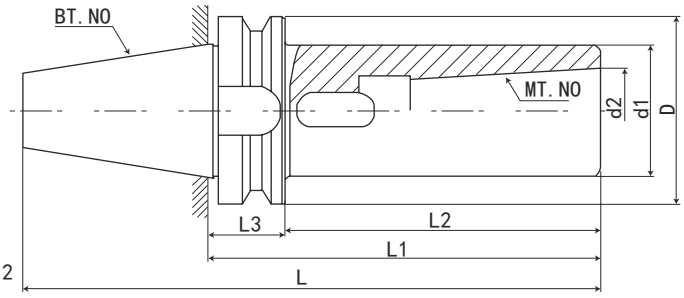


FIG. 2

规格 / 型号 Model	FIG	L	L1	L2	L3	D	d1	d2	夹持范围 Range	重量 KGS
BT30-MTA1-45	1	93.4	45	23	22	46	25	12.065	ϕ2-ϕ14	0.55
BT30-MTA1-120	2	168.4	120	98	22	46	25	12.065	ϕ2-ϕ14	0.85
BT30-MTA2-60	1	108.4	60	38	22	46	32	17.18	Φ14-ϕ23	0.6
BT30-MTA2-120	2	168.4	120	98	22	46	32	17.18	Φ14-ϕ23	0.9
BT30-MTA3-90	1	138.4	90	68	22	46	40	23.825	Φ23-ϕ32	0.8
BT30-MTA3-135	2	183.4	135	113	22	46	40	23.825	Φ23-ϕ32	1
规格 / 型号 Mode	FIG	L	L1	L2	L3	D	d1	d2	夹持范围 Range	重量 KGS
BT40-MTA1-45	1	110.4	45	18	27	63	25	12.065	ϕ2-ϕ14	1.05
BT40-MTA1-120	2	185.4	120	93	27	63	25	12.065	ϕ2-ϕ14	1.4
BT40-MTA1-180	2	245.4	180	153	27	63	25	12.065	ϕ2-ϕ14	1.5
BT40-MTA2-45	1	110.4	45	18	27	63	32	17.18	Φ14-ϕ23	1.1
BT40-MTA2-120	2	185.4	120	93	27	63	32	17.18	Φ14-ϕ23	1.85
BT40-MTA2-180	2	245.4	180	153	27	63	32	17.18	Φ14-ϕ23	2
BT40-MTA3-75	1	140.4	75	48	27	63	40	23.825	Φ23-ϕ32	1.2
BT40-MTA3-135	2	200.4	135	108	27	63	40	23.825	Φ23-ϕ32	1.9
BT40-MTA3-180	2	245.4	180	153	27	63	40	23.825	Φ23-ϕ32	2.25
BT40-MTA4-90	1	155.4	90	63	27	63	48	31.267	ϕ32-ϕ50	1.4
BT40-MTA4-165	2	230.4	165	138	27	63	48	31.267	ϕ32-ϕ50	2.5

特点：

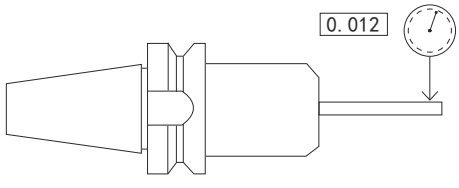
注：
◎本体锥柄规格：JIS MAS 403 BT
◎刀柄用于带扁尾莫氏锥柄刀具、钻头、铰刀等
◎钻头莫氏柄
◎拉钉须另行购买

Features:

◎ Spindle conicity standard：JIS MAS 403 BT
◎ Used in Morse conicity tools, drill chuck,reamer and so on.
◎ Dimensions
◎ The pull stud must purchase alone.

BT40 - MTA - 2 - 45

- 45 → L1 长 度 — Length(L1)
- 2 → 莫氏锥度号 — Morse taper no.
- MTA → 有扁尾莫氏锥孔 — Morse taper holder type A
- BT40 → 锥 柄 形 式 — Taper size



BT50-MTA 带扁尾莫氏刀柄 BT50-MTA TAPER ADAPTER(MORSE)







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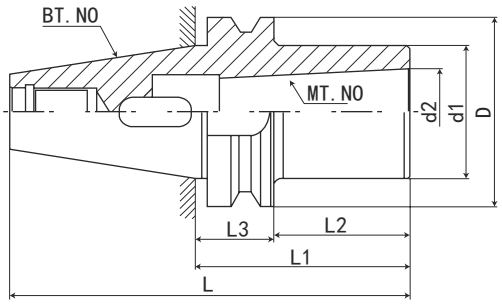


FIG. 1

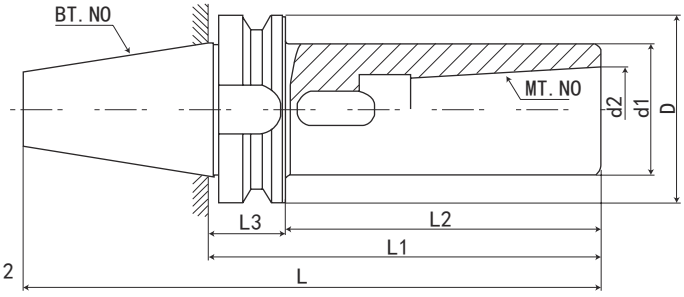


FIG. 2

规格 / 型号 Model	FIG	L	L1	L2	L3	D	d1	d2	夹持范围 Range	重量 KGS
BT50-MTA1-45	1	146.8	45	7	38	100	25	12.065	ϕ2-ϕ14	3.8
BT50-MTA1-120	2	221.8	120	82	38	100	25	12.065	ϕ2-ϕ14	4.3
BT50-MTA1-180	2	281.8	180	142	38	100	25	12.065	ϕ2-ϕ14	5
BT50-MTA1-200	2	301.8	200	162	38	100	25	12.065	ϕ2-ϕ14	5.2
BT50-MTA2-60	1	161.8	60	22	38	100	32	17.825	Φ14-ϕ23	4
BT50-MTA2-135	2	236.8	135	97	38	100	32	17.825	Φ14-ϕ23	4.7
BT50-MTA2-180	2	281.8	180	142	38	100	32	17.825	Φ14-ϕ23	5
BT50-MTA2-200	2	301.8	200	162	38	100	32	17.825	Φ14-ϕ23	5.2
BT50-MTA3-65	1	166.8	65	27	38	100	40	23.825	Φ23-ϕ32	3.7
BT50-MTA3-75	1	176.8	75	37	38	100	40	23.825	Φ23-ϕ32	3.8
BT50-MTA3-95	1	196.8	95	57	38	100	40	23.825	Φ23-ϕ32	3.85
BT50-MTA3-150	2	251.8	150	112	38	100	40	23.825	Φ23-ϕ32	5
BT50-MTA3-180	2	281.8	180	142	38	100	40	23.825	Φ23-ϕ32	5.5
BT50-MTA3-200	2	301.8	200	162	38	100	40	23.825	Φ23-ϕ32	6
BT50-MTA3-250	2	351.8	250	212	38	100	40	23.825	Φ23-ϕ32	6.4
BT50-MTA3-300	2	401.8	300	262	38	100	40	23.825	Φ23-ϕ32	6.8
BT50-MTA4-75	1	176.8	75	37	38	100	48	31.267	ϕ32-ϕ50	4.2
BT50-MTA4-95	1	196.8	95	57	38	100	48	31.267	ϕ32-ϕ50	4.4
BT50-MTA4-150	2	251.8	150	112	38	100	48	31.267	ϕ32-ϕ50	5
BT50-MTA4-180	2	281.8	180	142	38	100	48	31.267	ϕ32-ϕ50	5.5
BT50-MTA4-200	2	301.8	200	162	38	100	48	31.267	ϕ32-ϕ50	5.7
BT50-MTA4-250	2	351.8	250	212	38	100	48	31.267	ϕ32-ϕ50	6.55
BT50-MTA4-300	2	401.8	300	262	38	100	48	31.267	ϕ32-ϕ50	6.95
BT50-MTA5-105	1	206.8	105	67	38	100	65	44.399	ϕ50-ϕ75	4
BT50-MTA5-210	2	311.8	210	172	38	100	65	44.399	ϕ50-ϕ75	7.2
BT50-MTA5-300	2	401.8	300	262	38	100	65	44.399	ϕ50-ϕ75	10.5
BT50-MTA5-350	2	451.8	350	312	38	100	65	44.399	ϕ50-ϕ75	12.2
BT50-MTA6-200	1	301.8	200	162	38	100	85	63.348	ϕ75-ϕ100	5.2
BT50-MTA6-280	2	381.8	280	242	38	100	85	63.348	ϕ75-ϕ100	10

特点:

注:
◎本体锥柄规格：JIS MAS 403 BT
◎刀柄用于带扁尾莫氏锥柄刀具、钻头、铰刀等
◎钻头莫氏柄
◎拉钉须另行购买

Features:

◎ Spindle conicity standard：JIS MAS 403 BT
◎ Used in Morse conicity tools, drill chuck,reamer and so on.
◎ Dimensions
◎ The pull stud must purchase alone.

BT60-MTA 带扁尾莫氏刀柄 BT60-MTA TAPER ADAPTER (MORSE)







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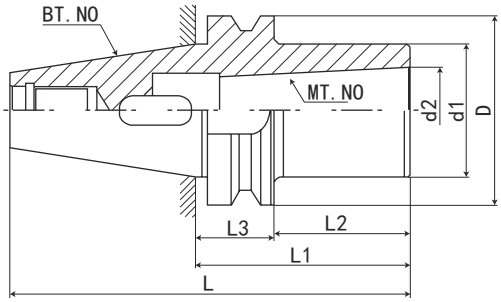


FIG. 1

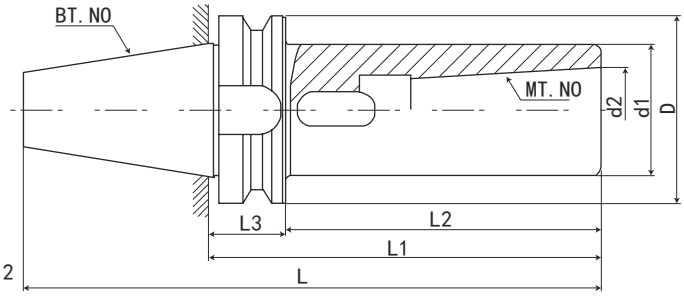


FIG. 2

规格 / 型号 Model	FIG	L	L1	L2	L3	D	d1	d2	夹持钻头范围
BT60-MTA3-100	1	261.8	100	52	48	155	40	23.825	Φ23-φ32
BT60-MTA3-190	2	351.8	190	142	48	155	40	23.825	Φ23-φ32
BT60-MTA4-110	1	271.8	110	62	48	155	48	31.267	φ32-φ50
BT60-MTA4-210	2	371.8	210	162	48	155	48	31.267	φ32-φ50
BT60-MTA5-135	1	296.8	135	87	48	155	65	44.399	φ50-φ75
BT60-MTA5-240	2	401.8	240	192	48	155	65	44.399	φ50-φ75
BT60-MTA6-170	1	331.8	170	122	48	155	90	63.348	φ75-φ100
BT60-MTA6-310	2	471.8	310	262	48	155	90	63.348	φ75-φ100

特点：

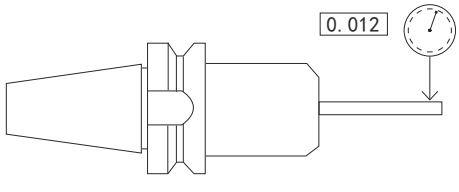
注：
◎本体锥柄规格：JIS MAS 403 BT
◎刀柄用于带扁尾莫氏锥柄刀具、钻头、铰刀等
◎钻头莫氏柄
◎拉钉须另行购买

Features:

◎ Spindle conicity standard：JIS MAS 403 BT
◎ Used in Morse conicity tools, drill chuck, reamer and so on.
◎ Dimensions
◎ The pull stud must purchase alone.

BT60 - MTA - 3 - 100

- L1 长 度 — Length(L1)
- 莫氏锥度号 — Morse taper no.
- 有扁尾莫氏锥孔 — Morse taper holder type A
- 锥 柄 形 式 — Tape size



BT-MTB 无扁尾莫氏刀柄 BT-MTB MORSE TAP HOLDER





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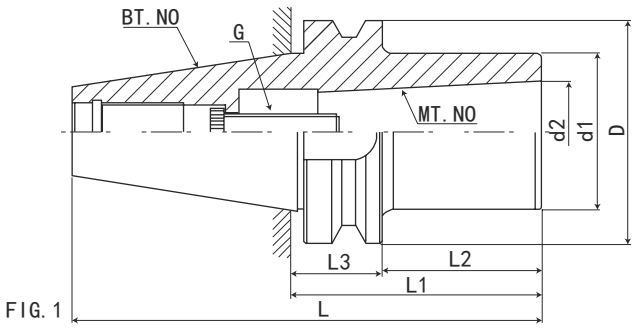


FIG. 1

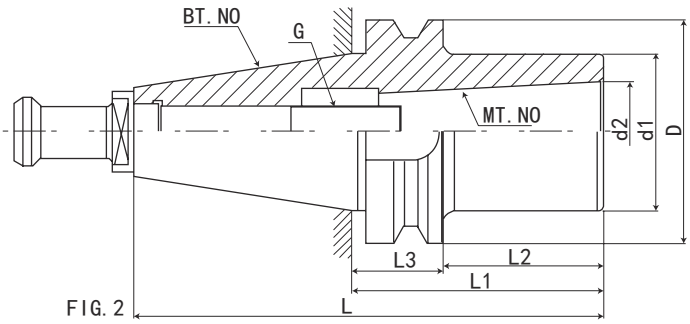


FIG. 2

规格 / 型号 Model	FIG	L	L1	L2	L3	D	d1	d2	螺杆 G	夹持铣刀范围	重量 KGS
BT30-MTB1-45	1	93.4	45	23	22	46	25	12.065	M6	ϕ10-ϕ14	0.55
BT30-MTB2-60	1	108.4	60	38	22	46	32	17.780	M10	ϕ16-ϕ22	0.60
BT30-MTB3-80	2	128.4	80	58	22	46	40	23.825	M12	ϕ24-ϕ32	0.8
规格 / 型号 Model	FIG	L	L1	L2	L3	D	d1	d2	螺杆 G	夹持铣刀范围	重量 KGS
BT40-MTB1-45	1	110.4	45	18	27	63	25	12.065	M6	ϕ10-ϕ14	1.05
BT40-MTB1-120	2	185.4	120	93	27	63	25	12.065	M6	ϕ10-ϕ14	1.40
BT40-MTB2-45	1	110.4	45	18	27	63	32	17.180	M10	ϕ16-ϕ22	1.10
BT40-MTB2-120	1	185.4	120	93	27	63	32	17.180	M10	ϕ16-ϕ22	1.85
BT40-MTB3-75	1	140.4	75	48	27	63	40	23.825	M12	ϕ24-ϕ32	1.20
BT40-MTB3-135	1	200.4	135	108	27	63	40	23.825	M12	ϕ24-ϕ32	1.90
BT40-MTB4-90	2	155.4	90	63	27	63	48	31.267	M16	ϕ32-ϕ50	1.40
BT40-MTB4-165	2	230.4	165	138	27	63	48	31.267	M16	ϕ32-ϕ50	2.50

特点：

注：

◎本体锥柄规格：JIS MAS 403 BT

◎刀柄用于莫氏锥柄铣刀

◎用于夹持莫氏锥度、尾端附内螺纹的切削刀具或是延长杆

◎拉钉须另行购买

Features:

◎ Spindle conicity standard：JIS MAS 403 BT

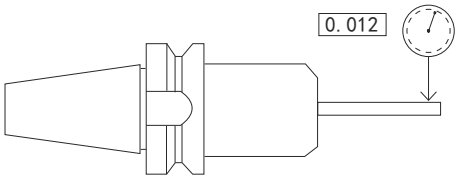
◎ Dimensions

◎ Uses in supporting on both sides not-like the taper, end to attach the box thread the cutting tool perhaps lengthens the pole.

◎ The pull stud must purchase alone.

BT40 - MTB - 2 - 45

- 45 → L1 长 度 — Length(L1)
- 2 → 莫氏锥度号 — Morse taper holder no.
- MTB → 无扁尾莫氏锥孔 — Morse taper holder type B
- BT40 → 锥 柄 形 式 — Taper size



BT-MTB 无扁尾莫氏刀柄 BT-MTB MORSE TAP HOLDER



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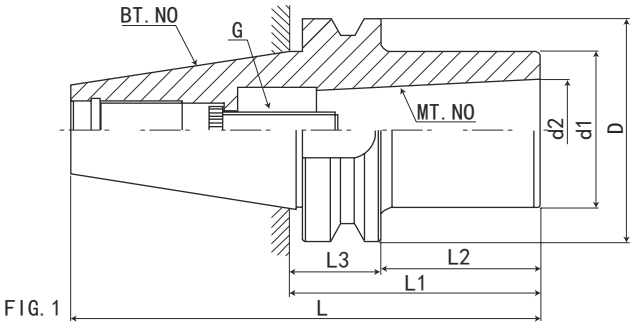


FIG. 1

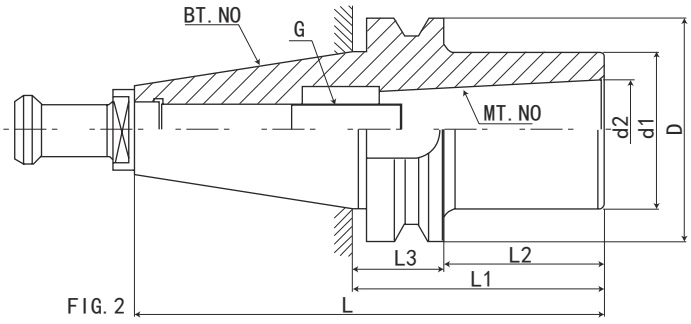


FIG. 2

规格 / 型号 Model	FIG	L	L1	L2	L3	D	d1	d2	螺杆 G	夹持铣刀范围	重量 KGS
BT50-MTB1-45	1	146.8	45	7	38	100	25	12.065	M6	ϕ10-ϕ14	3.80
BT50-MTB1-120	2	221.8	120	82	38	100	25	12.065	M6	ϕ10-ϕ14	4.30
BT50-MTB1-180	2	281.8	180	142	38	100	25	12.065	M6	ϕ10-ϕ14	5.00
BT50-MTB2-60	1	161.8	60	22	38	100	32	17.780	M10	ϕ16-ϕ22	4.00
BT50-MTB2-135	2	236.8	135	97	38	100	32	17.780	M10	ϕ16-ϕ22	4.70
BT50-MTB2-180	2	281.8	180	142	38	100	32	17.780	M10	ϕ16-ϕ22	5.00
BT50-MTB3-75	1	166.8	75	37	38	100	40	23.825	M12	ϕ24-ϕ32	3.90
BT50-MTB3-150	2	251.8	150	112	38	100	40	23.825	M12	ϕ24-ϕ32	5.00
BT50-MTB3-180	2	281.8	180	142	38	100	40	23.825	M12	ϕ24-ϕ32	5.50
BT50-MTB4-75	1	176.8	75	37	38	100	48	31.267	M16	ϕ32-ϕ50	4.20
BT50-MTB4-90	1	191.8	90	52	38	100	48	31.267	M16	ϕ32-ϕ50	4.40
BT50-MTB4-150	2	251.8	150	112	38	100	48	31.267	M16	ϕ32-ϕ50	5.00
BT50-MTB4-180	2	281.8	180	142	38	100	48	31.267	M16	ϕ32-ϕ50	5.25
BT50-MTB4-200	2	301.8	200	162	38	100	48	31.267	M16	ϕ32-ϕ50	5.60
BT50-MTB4-250	2	351.8	250	212	38	100	48	31.267	M16	ϕ32-ϕ50	6.55
BT50-MTB4-300	2	401.8	300	262	38	100	48	31.267	M16	ϕ32-ϕ50	7.2
BT50-MTB5-115	1	216.8	115	77	38	100	65	44.399	M20	ϕ40-ϕ75	4.30
BT50-MTB5-210	2	311.8	210	172	38	100	65	44.399	M20	ϕ40-ϕ75	7.2
BT60-MTB2-100	1	261.8	100	52	48	155	32	17.780	M10*1.5P	ϕ16-ϕ22	/
BT60-MTB3-100	1	261.8	100	52	48	155	40	23.825	M12*1.75P	ϕ24-ϕ32	/
BT60-MTB4-100	1	261.8	100	52	48	155	48	31.267	M16*2.0P	ϕ32-ϕ50	/
BT60-MTB5-100	1	261.8	100	52	48	155	65	44.399	M20*2.5P	ϕ40-ϕ75	/
BT60-MTB6-150	1	311.8	150	102	48	155	85	63.348	M24*3.0P	ϕ75-ϕ100	/

特点：

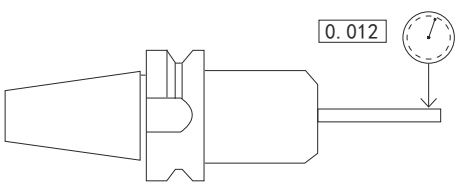
注：
◎本体锥柄规格：JIS MAS 403 BT
◎刀柄用于莫氏锥柄铣刀
◎用于夹持莫氏锥度、尾端附内螺纹的切削刀具或是延长杆
◎拉钉须另行购买

Features:

◎ Spindle conicity standard：JIS MAS 403 BT
◎ Dimensions
◎ Uses in supporting on both sides not-like the taper, end to attach the box thread the cutting tool perhaps lengthens the pole.
◎ The pull stud must purchase alone.

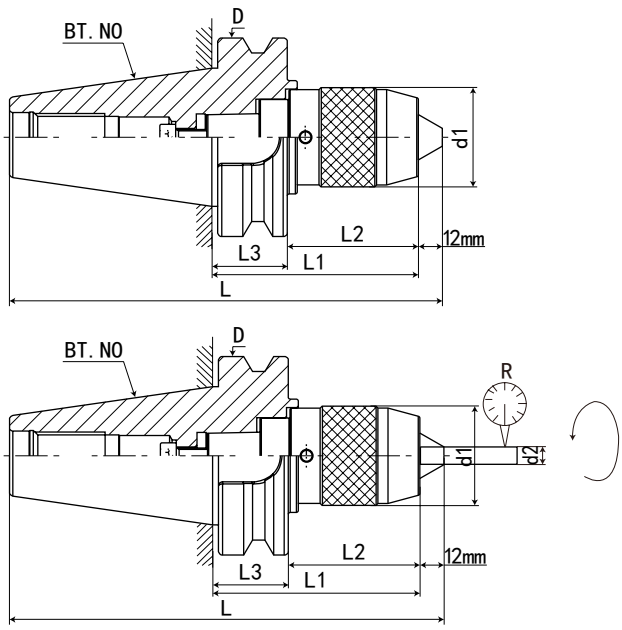
BT50 - MTB - 4 - 75

L1 长 度	Length(L1)
莫氏锥度号	Morse taper holder no.
无扁尾莫氏锥孔	Morse taper holder type B
锥 柄 形 式	Taper size



BT-APU 一体式钻夹头刀柄 BT-APU DRILL CHUCK HOLDER



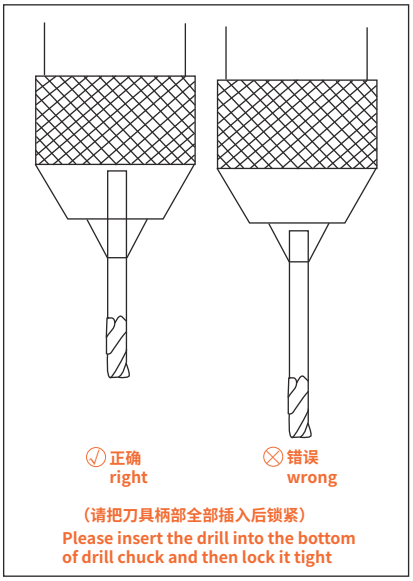



P.I31


P.I29


P.I58

规 格 Model	L	L1	L2	L3	d1	d2	D	R	重量 KGS
BT30-APU08-80	140.4	80	58	22	37	8	46	0.08	0.72
BT30-APU13-110	170.4	110	88	22	50	13	46	0.08	1.85
BT30-APU16-115	175.4	115	93	22	57	16	46	0.08	2.18
BT40-APU08-85	162.4	85	58	27	37	8	63	0.08	1.46
BT40-APU13-100	177.4	100	73	27	50	13	63	0.08	2
BT40-APU13-150	227.4	150	123	27	50	13	63	0.08	2.35
BT40-APU16-110	187.4	110	83	27	57	16	63	0.08	2.3
BT40-APU16-150	227.4	150	123	27	57	16	63	0.08	2.5
BT50-APU08-90	203.8	90	52	38	37	8	100	0.08	4.16
BT50-APU13-110	223.8	110	72	38	50	13	100	0.08	4.7
BT50-APU13-180	293.8	180	142	38	50	13	100	0.08	5.85
BT50-APU16-120	233.8	120	82	38	57	16	100	0.08	5.03
BT50-APU16-190	303.8	190	152	38	57	16	100	0.08	5.85



特点：

注：

◎一体式结构，减少了连接误差精度，内部用螺纹结构，就不会出现夹头脱落现象

◎用于钻头、铰刀等夹持，不可用于丝锥和铣刀夹持

◎一体刀柄缩短刀具长度，提高加工精度，增加使用寿命

◎有自锁功能，附带专用扳手，请勿用其它工具

◎ APU 偏摆精度为 0.06，如需更高精度要求请使用 ER 或 SK 系列

◎扳手、拉钉须另行购买

Features:

◎ The shank and keyless drill chuck are combined together so as to avoid the drill chuck slipping out for heavy-duty and high speed cutting and improve the precision.

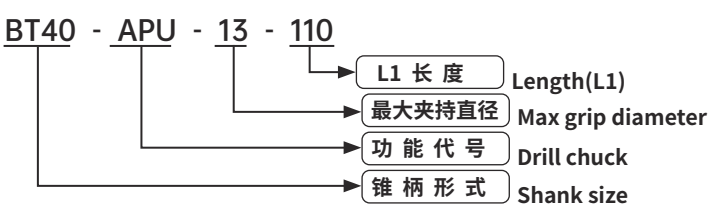
◎ Not be used for gripping draw bolt and milling tools, instead of drill bit and reamer.

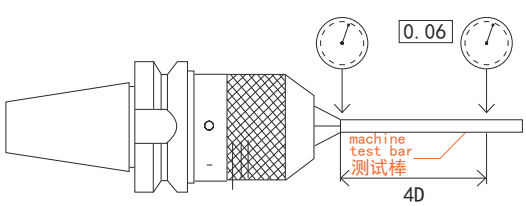
◎ APU drill chuck shorten the length while length the working life of tool.

◎ Each APU drill chuck attached 1pc APU wrench.

◎ The APU leaning precision is 0.06mm, like the need high accuracy request, please use ER or the SK serise.

◎ The spanner、 pull stud must purchase alone.





数控刀柄系列 CNC TOOL SYSTEMS

BT30-SLN 侧固式刀柄 BT30-SLN SIDE LOCK END MILL HOLDER



FIG. 1

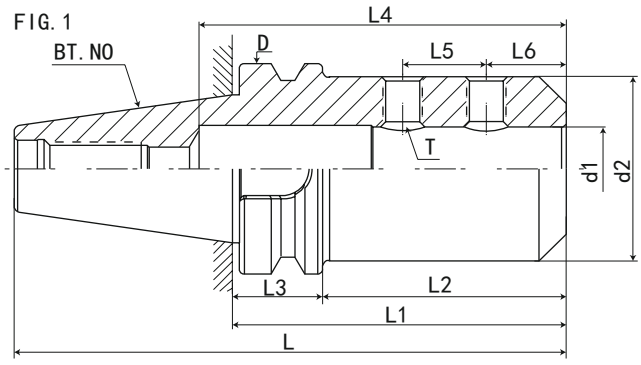
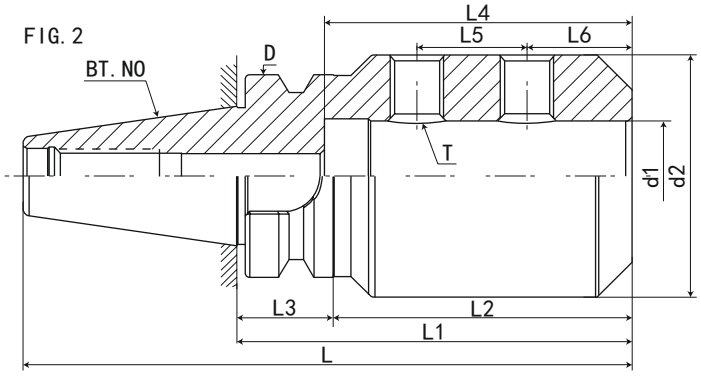


FIG. 2




P.129


P.003

规 格 Model	L	L1	L2	L3	L4	L5	L6	D	d1	d2	T	FIG	重量 KGS
BT30-SLN6-75	123.4	75	53	22	50	10	12	46	6	25	M6	1	0.6
BT30-SLN8-75	123.4	75	53	22	50	12	14	46	8	28	M8	1	0.65
BT30-SLN10-75	123.4	75	53	22	55	14	15	46	10	32	M10	1	0.7
BT30-SLN12-75	123.4	75	53	22	60	16	20	46	12	40	M10	1	0.75
BT30-SLN16-75	123.4	75	53	22	60	18	22	46	16	45	M10	1	1.15
BT30-SLN16-90	138.4	90	68	22	60	18	22	46	16	45	M10	1	1.2
BT30-SLN20-80	128.4	80	58	22	70	20	25	46	20	50	M12	2	1.15
BT30-SLN20-90	138.4	90	68	22	70	20	25	46	20	50	M12	2	1.2
BT30-SLN25-90	138.4	90	68	22	70	25	24	46	25	55	M12	2	1.9

特点:

注:

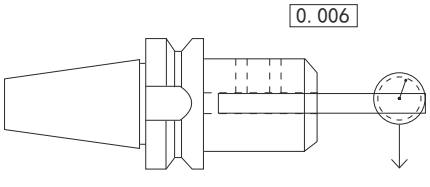
◎本体锥柄规格: JIS MAS 403 BT
◎孔径公差 H5
◎刚性夹持，用于重切削
◎侧固式刀柄被用作刀具的工具刀柄
◎装入刀具时，刀具的槽口平面部分与刀柄的侧固螺钉对齐，强力锁定
◎拉钉须另行购买

Features:

◎ Spindle conicity standard:JIS MAS 403 BT.
◎ Aperture tolerance:H5.
◎ Used for remachining with rigidly grip.
◎ Face mill chuck used to be the holder of cutting tools.
◎ When attaching,cutting tools, with strong side aligned lock between the plane of the part and notch solid screws.
◎ The pull stud must purchase alone.

BT30 - SLN - 6 - 75

- 75 → L1 长 度 — Length(L1)
- 6 → 刀 杆 直 径 — Bore dlamenter
- SLN → 功 能 代 号 — Side lock end mill holder type N
- BT30 → 锥 柄 形 式 — Shank size



BT40-SLN 侧固式刀柄 BT40-SLN SIDE LOCK END MILL HOLDER



FIG. 1

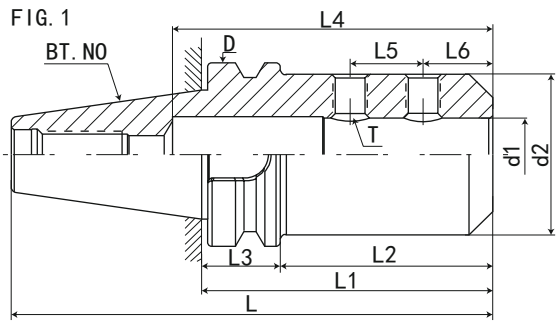
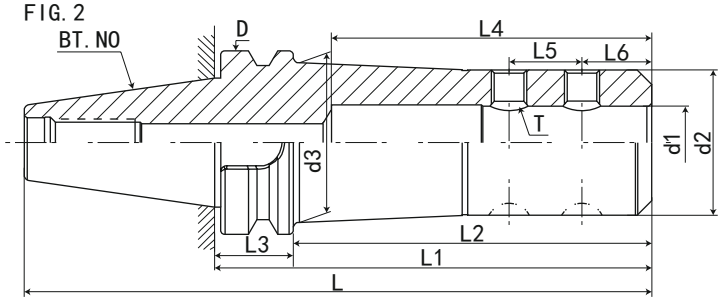


FIG. 2




P.129


P.003

规 格 Model	L	L1	L2	L3	L4	L5	L6	D	d1	d2	d3	T	Fig	重量 KGS
BT40-SLN6-75	140.4	75	48	27	50	10	12	63	6	25	—	M6	1	1.25
BT40-SLN8-75	140.4	75	48	27	50	12	14	63	8	28	—	M8	1	1.3
BT40-SLN8-100	165.4	100	73	27	50	12	14	63	8	28	—	M8	1	1.35
BT40-SLN10-75	140.4	75	48	27	55	14	15	63	10	35	—	M10	1	1.3
BT40-SLN10-100	165.4	100	73	27	55	14	15	63	10	35	—	M10	1	1.35
BT40-SLN12-75	140.4	75	48	27	60	16	20	63	12	40	—	M10	1	1.32
BT40-SLN12-100	165.4	100	73	27	60	16	20	63	12	40	—	M10	1	1.35
BT40-SLN16-90	155.4	90	63	27	100	18	22	63	16	45	—	M12	1	1.5
BT40-SLN16-100	165.4	100	73	27	100	18	22	63	16	45	—	M12	1	1.55
BT40-SLN16-150	215.4	150	123	27	100	18	22	63	16	38	45	M10	2	1.7
BT40-SLN16-200	265.4	200	173	27	100	18	22	63	16	38	45	M10	2	2
BT40-SLN20-90	155.4	90	63	27	100	20	25	63	20	50	—	M12	1	1.6
BT40-SLN20-100	165.4	100	73	27	100	20	25	63	20	50	—	M12	1	1.65
BT40-SLN20-150	215.4	150	123	27	100	20	25	63	20	45	50	M12	2	1.8
BT40-SLN20-200	265.4	200	173	27	100	20	25	63	20	45	50	M12	2	2
BT40-SLN25-90	155.4	90	63	27	110	25	24	63	25	55	—	M12	1	2.5
BT40-SLN25-100	165.4	100	73	27	110	25	24	63	25	55	—	M12	1	2.6
BT40-SLN25-150	215.4	150	123	27	110	25	24	63	25	50	55	M12	2	2.8
BT40-SLN25-200	265.4	200	173	27	110	25	24	63	25	50	55	M12	2	3
BT40-SLN32-100	165.4	100	73	27	120	28	24	63	32	65	—	M16	1	2.75
BT40-SLN32-150	215.4	150	123	27	120	28	24	63	32	58	63	M16	2	3
BT40-SLN32-200	265.4	200	173	27	120	28	24	63	32	58	63	M16	2	3.2
BT40-SLN40-105	170.4	105	78	27	120	32	30	63	40	73	—	M16	1	3.5
BT40-SLN40-150	215.4	150	123	27	120	32	30	63	40	73	-	M16	1	4
BT40-SLN40-200	265.4	200	173	27	120	32	30	63	40	73	-	M16	2	4.5
BT40-SLN42-110	175.4	110	83	27	120	32	30	63	42	73	—	M16	1	3.8

特点:

注:
◎本体锥柄规格：JIS MAS 403 BT
◎孔径公差 H5
◎不分孔径都为两个螺钉固定
◎刚性夹持，用于重切削
◎侧固式刀柄被用作刀具的工具刀柄
◎装入刀具时，刀具的槽口平面部分与刀柄的侧固螺钉对齐，强力锁定
◎拉钉须另行购买

Features:

◎ Spindle conicity standard:JIS MAS 403 BT.
◎ Aperture tolerance:H5.
◎ End mill are held by one or two set screws.
◎ Used for remachining with rigidly grip.
◎ Face mill chuck used to be the holder of cutting tools.
◎ When attaching, cutting tools,with strong side aligned lock between the plane of the part and notch solid screws.
◎ The pull stud must purchase alone.

BT50-SLN 侧固式刀柄 BT50-SLN SIDE LOCK END MILL HOLDER



FIG. 1

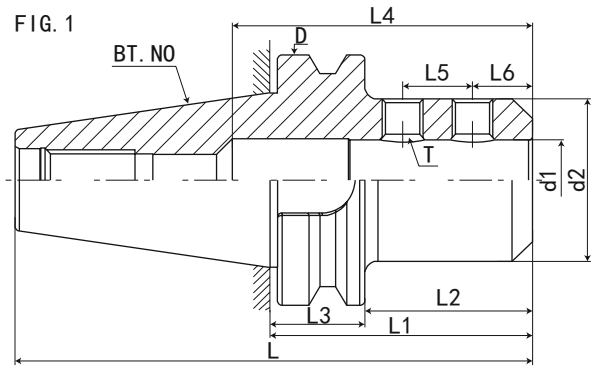
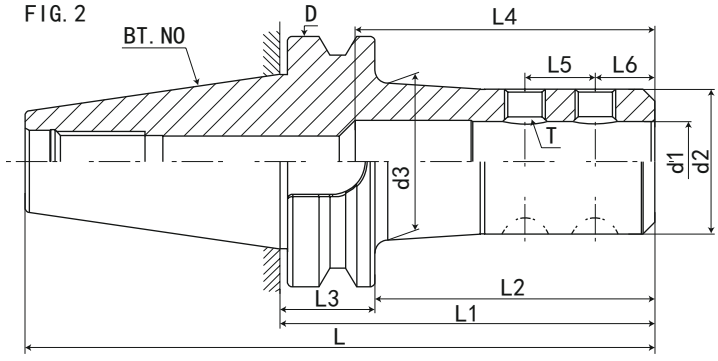


FIG. 2




P.129


P.003

规 格 Model	L	L1	L2	L3	L4	L5	L6	D	d1	d2	d3	T	Fig	重量 KGS
BT50-SLN6-100	201.8	100	62	38	50	10	12	100	6	25	-	M6	1	4.1
BT50-SLN8-100	201.8	100	62	38	50	12	14	100	8	28	-	M8	1	4.15
BT50-SLN10-100	201.8	100	62	38	55	14	15	100	10	35	-	M10	1	4.15
BT50-SLN12-100	201.8	100	62	38	60	16	20	100	12	40	-	M10	1	4.15
BT50-SLN16-100	201.8	100	62	38	100	18	22	100	16	45	-	M10	1	4.15
BT50-SLN16-150	251.8	150	112	38	100	18	22	100	16	38	45	M10	2	5
BT50-SLN16-200	301.8	200	162	38	100	18	22	100	16	38	45	M10	2	6.8
BT50-SLN16-250	351.8	250	212	38	100	18	22	100	16	38	45	M10	2	7
BT50-SLN16-300	401.8	300	262	38	100	18	22	100	16	38	45	M10	2	7.5
BT50-SLN20-100	201.8	100	62	38	100	20	25	100	20	50	-	M12	1	4.8
BT50-SLN20-150	251.8	150	112	38	100	20	25	100	20	45	50	M12	2	5.8
BT50-SLN20-200	301.8	200	162	38	100	20	25	100	20	45	50	M12	2	6.9
BT50-SLN20-250	351.8	250	212	38	100	20	25	100	20	45	50	M12	2	7.3
BT50-SLN20-300	401.8	300	262	38	100	20	25	100	20	45	50	M12	2	7.8
BT50-SLN25-100	201.8	100	62	38	110	25	24	100	25	60	-	M12	1	5.5
BT50-SLN25-150	251.8	150	112	38	110	25	24	100	25	50	55	M12	2	6
BT50-SLN25-200	301.8	200	162	38	110	25	24	100	25	50	55	M12	2	7
BT50-SLN25-250	351.8	250	212	38	110	25	24	100	25	50	55	M12	2	7.5
BT50-SLN25-300	401.8	300	262	38	110	25	24	100	25	50	55	M12	2	8
BT50-SLN25-350	451.8	350	312	38	110	25	24	100	25	50	55	M12	2	8.5

BT-SLN 侧固式刀柄 BT-SLN SIDE LOCK END MILL HOLDER




P.129


P.003

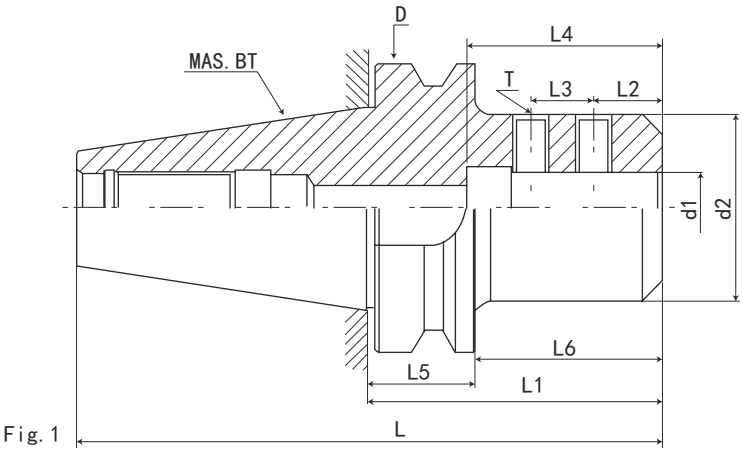


Fig. 1

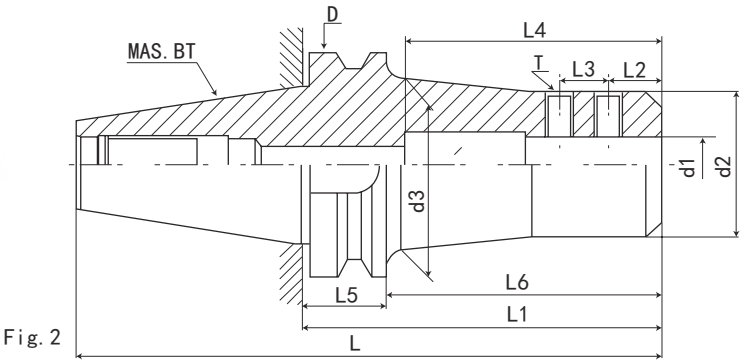


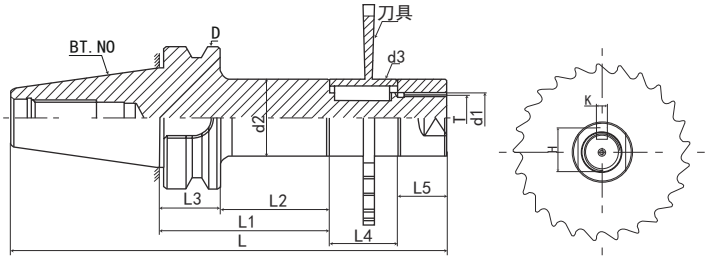
Fig. 2

规格 / 型号 Model	d1	d2	d3	L	L1	L2	L3	L4	L5	L6	D	T	Fig	重量 KGS
BT50-SLN32-105	32	65	-	206.8	105	24	28	120	38	67	100	M16	1	8
BT50-SLN32-150	32	58	63	251.8	150	24	28	120	38	112	100	M16	2	6.5
BT50-SLN32-200	32	58	63	301.8	200	24	28	120	38	162	100	M16	2	7.5
BT50-SLN32-250	32	58	63	351.8	250	24	28	120	38	212	100	M16	2	8
BT50-SLN32-300	32	58	63	401.8	300	24	28	120	38	262	100	M16	2	8.5
BT50-SLN32-350	32	58	63	451.8	350	24	28	120	38	312	100	M16	2	9
BT50-SLN40-115	40	80	-	216.8	115	30	32	120	38	77	100	M20	1	6.6
BT50-SLN40-150	40	70	75	251.8	150	30	32	120	38	112	100	M16	2	7
BT50-SLN40-200	40	70	75	301.8	200	30	32	120	38	162	100	M16	2	7.5
BT50-SLN40-250	40	70	75	351.8	250	30	32	120	38	212	100	M16	2	8
BT50-SLN40-300	40	70	75	401.8	300	30	32	120	38	262	100	M16	2	8.5
BT50-SLN40-350	40	70	75	451.8	350	30	32	120	38	312	100	M16	2	9
BT50-SLN42-120	42	80	-	221.8	120	30	32	120	38	82	100	M20	1	6.5
BT50-SLN42-150	42	75	80	251.8	150	30	32	120	38	112	100	M20	1	7.5
BT50-SLN42-200	42	75	80	301.8	200	30	32	120	38	162	100	M20	1	8.5
BT50-SLN50-120	50	90	-	221.8	120	35	35	120	38	82	100	M20	1	7.2
BT50-SLN50-150	50	85	90	251.8	150	35	35	120	38	112	100	M20	1	8.5
BT50-SLN50-200	50	85	90	301.8	200	35	35	120	38	162	100	M20	1	9.5
BT50-SLN50.8-120	50.8	90	-	221.8	120	35	35	120	38	82	100	M20	1	7.3
BT50-SLN50.8-150	50.8	85	90	251.8	150	35	35	120	38	112	100	M20	1	8.5
BT50-SLN50.8-200	50.8	85	90	301.8	200	35	35	120	38	162	100	M20	1	9.5
BT60-SLN25-135	25	60	-	296.8	135	24	25	110	48	87	155	M12	1	
BT60-SLN32-135	32	65	-	296.8	135	24	28	120	48	87	155	M16	1	
BT60-SLN40-135	40	80	-	296.8	135	30	32	120	48	87	155	M16	1	
BT60-SLN42-135	42	80	-	296.8	135	30	32	120	48	87	155	M20	1	
BT60-SLN50-135	50	90	-	296.8	135	35	35	120	48	87	155	M20	1	
BT60-SLN50.2-135	50.2	90	-	296.8	135	35	35	120	48	87	155	M20	1	

BT-SCA 侧铣刀柄 BT-SCA SIDE CUTTER ADAPTET



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规 格 Model	L	L1	L2	L3	L4	L5	D	d1	d2	d3	k	H	T	重量 KGS
BT30-SCA10-60	150.4	60	38	22	30	12	46	10	18	18	-	-	M8×1.25P	0.8
BT30-SCA16-60	154.4	60	38	22	30	16	46	16	26	26	4	17.7	M14×1.5P	1
BT30-SCA22-60	160.4	60	38	22	30	22	46	22	34	34	6	24.3	M20×1.5P	1.2
BT30-SCA22-75	175.4	75	53	22	30	22	46	22	34	34	6	24.3	M20×1.5P	1.4
BT40-SCA16-60	171.4	60	33	27	30	16	63	16	26	26	4	17.7	M14×1.5P	1.5
BT40-SCA22-60	177.4	60	33	27	30	22	63	22	34	34	6	24.3	M20×1.5P	1.6
BT40-SCA22-75	192.4	75	48	27	30	22	63	22	34	34	6	24.3	M20×1.5P	1.7
BT40-SCA22-120	237.4	120	93	27	30	22	63	22	34	34	6	24.3	M20×1.5P	2
BT40-SCA27-75	198.4	75	48	27	30	28	63	27	41	40	7	30	M24×1.5P	2.1
BT40-SCA27-120	243.4	120	93	27	30	28	63	27	41	40	7	30	M24×1.5P	2.5
BT40-SCA32-90	217.4	90	63	27	30	32	63	32	47	47	8	35	M30×1.5P	2.6
BT40-SCA22.22-75	192.4	75	48	27	30	22	63	22.22	34	34	3.17	24.6	M20×1.5P	1.7
BT40-SCA22.22-120	237.4	120	93	27	30	22	63	22.22	34	34	3.17	24.6	M20×1.5P	2
BT40-SCA25.4-75	198.4	75	48	27	30	28	63	25.4	41	40	6.35	28.4	M24×1.5P	2
BT40-SCA25.4-120	243.4	120	93	27	30	28	63	25.4	41	40	6.35	28.4	M24×1.5P	2.4
BT40-SCA31.75-90	217.4	90	63	27	30	32	63	31.75	47	47	7.93	34.8	M30×1.5P	2.6
BT50-SCA22-90	243.8	90	52	38	30	22	100	22	34	34	6	24.3	M20×1.5P	4.4
BT50-SCA22-135	288.8	135	97	38	30	22	100	22	34	34	6	24.3	M20×1.5P	4.7
BT50-SCA22-180	333.8	180	142	38	30	22	100	22	34	34	6	24.3	M20×1.5P	5
BT50-SCA27-90	249.8	90	52	38	30	28	100	27	41	40	7	30	M24×1.5P	4.6
BT50-SCA27-135	294.8	135	97	38	30	28	100	27	41	40	7	30	M24×1.5P	5
BT50-SCA27-180	339.8	180	142	38	30	28	100	27	41	40	7	30	M24×1.5P	5.5
BT50-SCA32-90	253.8	90	52	38	30	32	100	32	47	47	8	35	M30×1.5P	4.7
BT50-SCA32-135	298.8	135	97	38	30	32	100	32	47	47	8	35	M30×1.5P	5.2
BT50-SCA32-180	343.8	180	142	38	30	32	100	32	47	47	8	35	M30×1.5P	5.7
BT50-SCA40-90	261.8	90	52	38	30	40	100	40	55	55	10	43.7	M36×2.0P	5
BT50-SCA40-135	306.8	135	97	38	30	40	100	40	55	55	10	43.7	M36×2.0P	6
BT50-SCA40-180	351.8	180	142	38	30	40	100	40	55	55	10	43.7	M36×2.0P	7
BT50-SCA22.22-90	243.8	90	52	38	30	22	100	22.22	34	34	3.17	24.6	M20×1.5P	4.4
BT50-SCA22.22-135	288.8	135	97	38	30	22	100	22.22	34	34	3.17	24.6	M20×1.5P	4.7
BT50-SCA25.4-90	249.8	90	52	38	30	28	100	25.4	41	40	6.35	28.4	M24×1.5P	4.5
BT50-SCA25.4-135	294.8	135	97	38	30	28	100	25.4	41	40	6.35	28.4	M24×1.5P	4.9
BT50-SCA31.75-90	253.8	90	52	38	30	32	100	31.75	47	47	7.93	34.8	M30×1.5P	4.7
BT50-SCA31.75-135	298.8	135	97	38	30	32	100	31.75	47	47	7.93	34.8	M30×1.5P	5.2
BT50-SCA38.10-90	261.8	90	52	38	30	40	100	38.1	55	55	9.52	42.4	M36×2.0P	4.9
BT50-SCA38.10-135	306.8	135	97	38	30	40	100	38.1	55	55	9.52	42.4	M36×2.0P	5.9

特点：

注：

◎割槽刀，三面刃铣刀等使用时，为使用刃具与刀杆紧密接触，请调整垫片

◎选购刀柄，根据加工需要请确认装锯片卡位大小。不附带拉钉

◎拉钉须另行购买

Features:

◎ Shears the trough knife, when uses and so on three edge milling cutters, is uses the cutting tool and the cutter bar contacts closely, requests transfer the entire filling piece.

◎Selects and purchases the hilt, according to the processing needs please to confirm that installs the saw blade jamming size. Does not supplement the puller bolt to select.

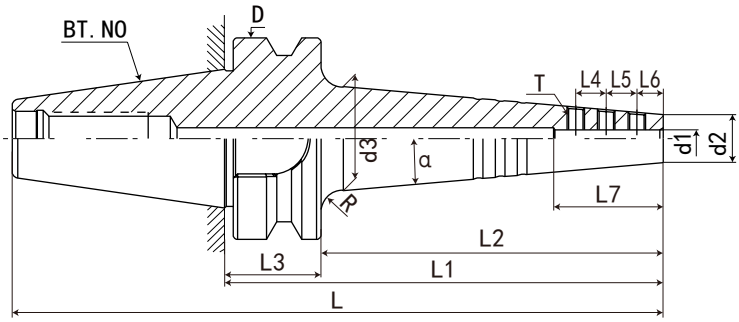
◎ The pull stud must purchase alone.

BT30-SLD 小径侧固刀柄 BT30-SLD SMALL DIAMETER SIDE LOCK TOOL HOLDER





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规 格 Model	L	L1	L2	L3	L4	L5	L6	L7	D	d1	d2	d3	T	α	R	重量 KGS
BT30-SLD3-80-A5	128.4	80	58	22	6	6	6	18	46	3	9	18.5	M3.5*3*0.35P*T6	5°	5	
BT30-SLD3-100-A5	148.4	100	78	22	6	6	6	18	46	3	9	22	M3.5*3*0.35P*T6	5°	5	
BT30-SLD4-80-A5	128.4	80	58	22	7	7	6	20	46	4	11	20.5	M4*2.8*0.5P*H2	5°	5	
BT30-SLD4-100-A5	148.4	100	78	22	7	7	6	20	46	4	11	24	M4*2.8*0.5P*H2	5°	5	
BT30-SLD6-80-A5	128.4	80	58	22	8	8	6	22	46	6	13	22.5	M5*4*0.5P*H2.5	5°	5	
BT30-SLD6-100-A5	148.4	100	78	22	8	8	6	22	46	6	13	25.5	M5*4*0.5P*H2.5	5°	5	
BT30-SLD8-80-A5	128.4	80	58	22	10	10	7	27	46	8	15	24.5	M5*4*0.5P*H2.5	5°	5	
BT30-SLD8-100-A5	148.4	100	78	22	10	10	7	27	46	8	15	28	M5*4*0.5P*H2.5	5°	5	

SLD 侧固式刀柄延长杆专用螺丝：

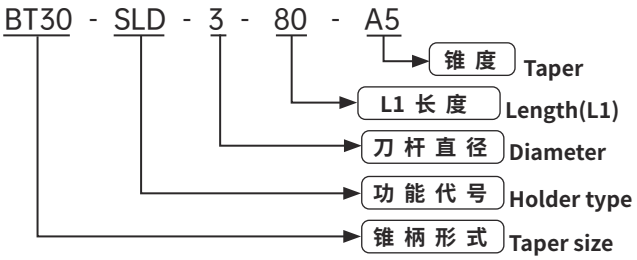
SLD side fixed extension rod special screw

规 格 Model	使用孔径 D Using aperture
M3.5×3×P0.35×T6	D3
M4×2.8×P0.5×T8	D4
M4×4×P0.5×T8	D4
M5×3.5×P0.5×T10	D6
M5×5×P0.5×T10	D6 D8 D10
M6×4×P0.75×T15	D12
M6×6×P0.75×T15	D12
M8×5×P0.75×L4	D16 D20
M4×2.8×P0.5×H2	D4
M5×4×P0.5×H2.5	D6 D8 D10
M6×4×P0.75×H3	D12
M6×5×P0.75×H3	D12

备注：梅花扳手“T”，六角扳手“H”

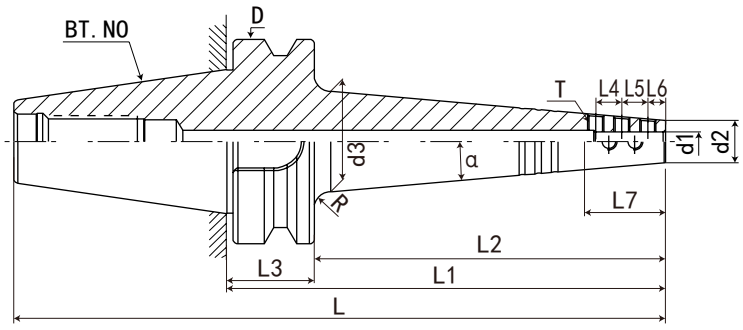
六角扳手：更大的锁紧力（需注意控制尺寸）

梅花扳手：使用更方便



BT40-SLD 小径侧固刀柄 BT40-SLD SMALL DIAMETER SIDE LOCK TOOL HOLDER





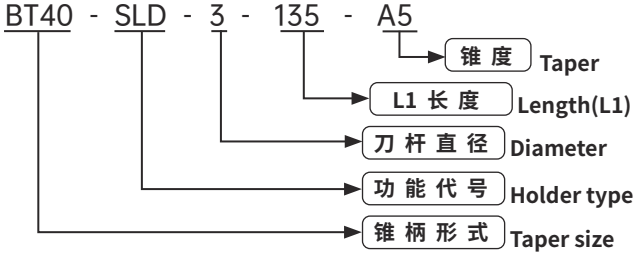


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规 格 Model	L	L1	L2	L3	L4	L5	L6	L7	D	d1	d2	d3	T	α	R	重量 KGS
BT40-SLD3-135-A5	200.4	135	108	27	6	6	6	18	63	3	9	27	M3.5*3*0.35P*T6	5°	5	
BT40-SLD4-135-A5	200.4	135	108	27	7	7	6	20	63	4	11	29	M4*2.8*0.5P*H2	5°	5	
BT40-SLD6-135-A5	200.4	135	108	27	8	8	6	22	63	6	13	31	M5*4*0.5P*H2.5	5°	5	
BT40-SLD6-150-A5	215.4	150	123	27	8	8	6	22	63	6	13	33.5	M5*4*0.5P*H2.5	5°	5	
BT40-SLD6-200-A5	265.4	200	173	27	8	8	6	22	63	6	13	41.5	M5*4*0.5P*H2.5	5°	5	
BT40-SLD8-135-A5	200.4	135	108	27	10	10	7	27	63	8	15	33	M5*4*0.5P*H2.5	5°	5	
BT40-SLD8-150-A5	215.4	150	123	27	10	10	7	27	63	8	15	35.5	M5*4*0.5P*H2.5	5°	5	
BT40-SLD8-200-A5	265.4	200	173	27	10	10	7	27	63	8	15	43.5	M5*4*0.5P*H2.5	5°	5	
BT40-SLD10-135-A5	200.4	135	108	27	10	10	10	35	63	10	17	35	M5*4*0.5P*H2.5	5°	5	
BT40-SLD10-150-A5	215.4	150	123	27	10	10	10	35	63	10	17	37.5	M5*4*0.5P*H2.5	5°	5	
BT40-SLD10-200-A5	265.4	200	173	27	10	10	10	35	63	10	17	45.5	M5*4*0.5P*H2.5	5°	5	
BT40-SLD12-135-A5	200.4	135	108	27	10	10	10	45	63	12	22	40	M6*5*0.75P*H3	5°	5	
BT40-SLD12-150-A5	215.4	150	123	27	10	10	10	45	63	12	22	42.5	M6*5*0.75P*H3	5°	5	
BT40-SLD12-200-A5	265.4	200	173	27	10	10	10	45	63	12	22	50.5	M6*5*0.75P*H3	5°	5	
BT40-SLD6-150-A3	215.4	150	123	27	8	8	6	22	63	6	13	25.5	M5*4*0.5P*H2.5	3°	5	
BT40-SLD6-200-A3	265.4	200	173	27	8	8	6	22	63	6	13	30.5	M5*4*0.5P*H2.5	3°	5	
BT40-SLD8-150-A3	215.4	150	123	27	10	10	7	27	63	8	15	27.5	M5*4*0.5P*H2.5	3°	5	
BT40-SLD8-200-A3	265.4	200	173	27	10	10	7	27	63	8	15	32.5	M5*4*0.5P*H2.5	3°	5	
BT40-SLD10-150-A3	215.4	150	123	27	10	10	10	35	63	10	17	29.5	M5*4*0.5P*H2.5	3°	5	
BT40-SLD10-200-A3	265.4	200	173	27	10	10	10	35	63	10	17	34.5	M5*4*0.5P*H2.5	3°	5	

SLD 侧固式刀柄延长杆专用螺丝：
SLD side fixed extension rod special screw

规 格 Model	使用孔径 D Using aperture
M3.5×3×P0.35×T6	D3
M4×2.8×P0.5×T8	D4
M4×4×P0.5×T8	D4
M5×3.5×P0.5×T10	D6
M5×5×P0.5×T10	D6 D8 D10
M6×4×P0.75×T15	D12
M6×6×P0.75×T15	D12
M8×5×P0.75×L4	D16 D20
M4×2.8×P0.5×H2	D4
M5×4×P0.5×H2.5	D6 D8 D10
M6×4×P0.75×H3	D12
M6×5×P0.75×H3	D12



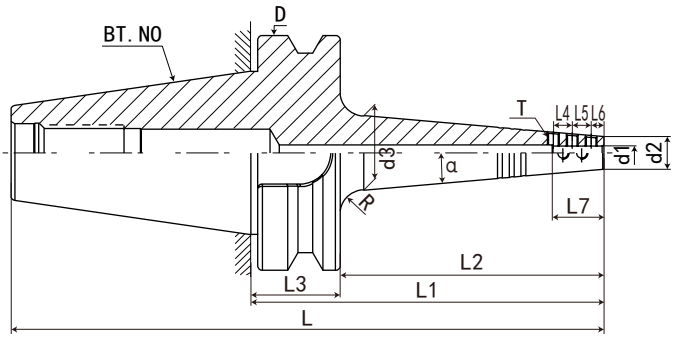
备注：梅花扳手“T”，六角扳手“H”
六角扳手：更大的锁紧力（需注意控制尺寸）
梅花扳手：使用更方便

BT50-SLD 小径侧固刀柄 BT50-SLD SMALL DIAMETER SIDE LOCK TOOL HOLDER





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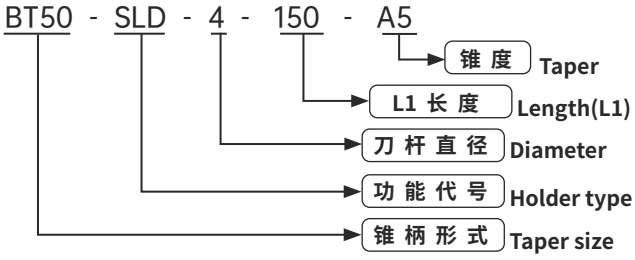


规 格 Model	L	L1	L2	L3	L4	L5	L6	L7	D	d1	d2	d3	T	α	R	重量 KGS
BT50-SLD4-150-A5	251.8	150	112	38	7	7	6	20	100	4	12	30	M4*2.8*0.5P*H2	5°	10	
BT50-SLD4-200-A5	301.8	200	162	38	7	7	6	20	100	4	12	38.5	M4*2.8*0.5P*H2	5°	10	
BT50-SLD4-250-A5	351.8	250	212	38	7	7	6	20	100	4	12	47.5	M4*2.8*0.5P*H2	5°	10	
BT50-SLD4-300-A5	401.8	300	262	38	7	7	6	20	100	4	12	56	M4*2.8*0.5P*H2	5°	10	
BT50-SLD6-150-A5	251.8	150	112	38	8	8	6	22	100	6	14	32	M5*4*0.5P*H2.5	5°	10	
BT50-SLD6-200-A5	301.8	200	162	38	8	8	6	22	100	6	14	40.5	M5*4*0.5P*H2.5	5°	10	
BT50-SLD6-250-A5	351.8	250	212	38	8	8	6	22	100	6	14	49.5	M5*4*0.5P*H2.5	5°	10	
BT50-SLD6-300-A5	401.8	300	262	38	8	8	6	22	100	6	14	58	M5*4*0.5P*H2.5	5°	10	
BT50-SLD8-150-A5	251.8	150	112	38	10	10	7	27	100	8	16	34	M5*4*0.5P*H2.5	5°	10	
BT50-SLD8-200-A5	301.8	200	162	38	10	10	7	27	100	8	16	42.5	M5*4*0.5P*H2.5	5°	10	
BT50-SLD8-250-A5	351.8	250	212	38	10	10	7	27	100	8	16	51.5	M5*4*0.5P*H2.5	5°	10	
BT50-SLD8-300-A5	401.8	300	262	38	10	10	7	27	100	8	16	60	M5*4*0.5P*H2.5	5°	10	
BT50-SLD10-150-A5	251.8	150	112	38	10	10	10	35	100	10	18	36	M5*4*0.5P*H2.5	5°	10	
BT50-SLD10-200-A5	301.8	200	162	38	10	10	10	35	100	10	18	44.5	M5*4*0.5P*H2.5	5°	10	
BT50-SLD10-250-A5	351.8	250	212	38	10	10	10	35	100	10	18	53.5	M5*4*0.5P*H2.5	5°	10	
BT50-SLD10-300-A5	401.8	300	262	38	10	10	10	35	100	10	18	62	M5*4*0.5P*H2.5	5°	10	
BT50-SLD12-150-A5	251.8	150	112	38	10	10	10	45	100	12	22	40	M6*5*0.75P*H3	5°	10	
BT50-SLD12-200-A5	301.8	200	162	38	10	10	10	45	100	12	22	48.5	M6*5*0.75P*H3	5°	10	
BT50-SLD12-250-A5	351.8	250	212	38	10	10	10	45	100	12	22	57.5	M6*5*0.75P*H3	5°	10	
BT50-SLD12-300-A5	401.8	300	262	38	10	10	10	45	100	12	22	66	M6*5*0.75P*H3	5°	10	
BT50-SLD16-150-A5	251.8	150	112	38	12	12	10	50	100	16	26	44	M8*5*0.75P*L4	5°	10	
BT50-SLD16-200-A5	301.8	200	162	38	12	12	10	50	100	16	26	52.5	M8*5*0.75P*L4	5°	10	
BT50-SLD16-250-A5	351.8	250	212	38	12	12	10	50	100	16	26	61.5	M8*5*0.75P*L4	5°	10	
BT50-SLD16-300-A5	401.8	300	262	38	12	12	10	50	100	16	26	70	M8*5*0.75P*L4	5°	10	
BT50-SLD20-150-A5	251.8	150	112	38	12	12	10	55	100	20	30	48	M8*5*0.75P*L4	5°	10	
BT50-SLD20-200-A5	301.8	200	162	38	12	12	10	55	100	20	30	56.5	M8*5*0.75P*L4	5°	10	
BT50-SLD20-250-A5	351.8	250	212	38	12	12	10	55	100	20	30	65.5	M8*5*0.75P*L4	5°	10	
BT50-SLD20-300-A5	401.8	300	262	38	12	12	10	55	100	20	30	74	M8*5*0.75P*L4	5°	10	

SLD 侧固式刀柄延长杆专用螺丝：

SLD side fixed extension rod special screw

规 格 Model	使用孔径 D Using aperture
M3.5×3×P0.35×T6	D3
M4×2.8×P0.5×T8	D4
M4×4×P0.5×T8	D4
M5×3.5×P0.5×T10	D6
M5×5×P0.5×T10	D6 D8 D10
M6×4×P0.75×T15	D12
M6×6×P0.75×T15	D12
M8×5×P0.75×L4	D16 D20
M4×2.8×P0.5×H2	D4
M5×4×P0.5×H2.5	D6 D8 D10
M6×4×P0.75×H3	D12
M6×5×P0.75×H3	D12



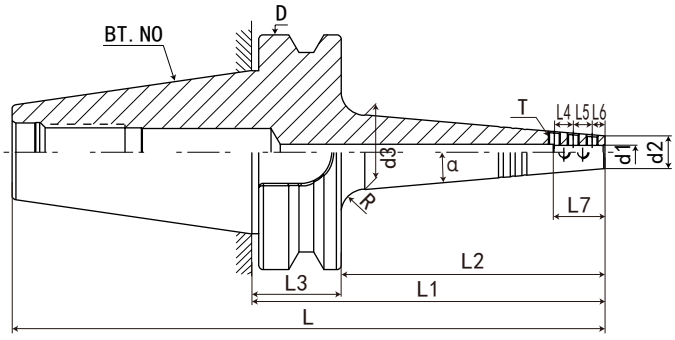
备注：梅花扳手“T”，六角扳手“H”

六角扳手：更大的锁紧力（需注意控制尺寸）

梅花扳手：使用更方便

BT50-SLD 小径侧固刀柄 BT50-SLD SMALL DIAMETER SIDE LOCK TOOL HOLDER





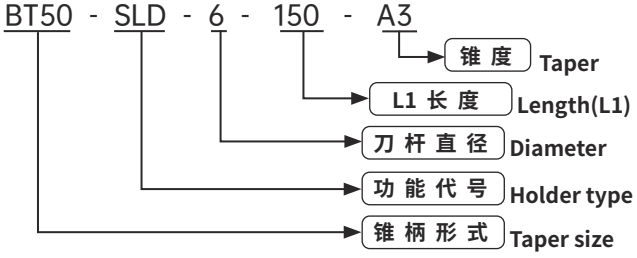


P.129

规 格 Model	L	L1	L2	L3	L4	L5	L6	L7	D	d1	d2	d3	T	α	R	重量 KGS
BT50-SLD6-150-A3	251.8	150	112	38	8	8	6	22	100	6	14	25	M5*4*0.5P*H2.5	3°	10	
BT50-SLD6-200-A3	301.8	200	162	38	8	8	6	22	100	6	14	30	M5*4*0.5P*H2.5	3°	10	
BT50-SLD6-250-A3	351.8	250	212	38	8	8	6	22	100	6	14	35	M5*4*0.5P*H2.5	3°	10	
BT50-SLD6-300-A3	401.8	300	262	38	8	8	6	22	100	6	14	40	M5*4*0.5P*H2.5	3°	10	
BT50-SLD8-150-A3	251.8	150	112	38	10	10	7	27	100	8	16	27	M5*4*0.5P*H2.5	3°	10	
BT50-SLD8-200-A3	301.8	200	162	38	10	10	7	27	100	8	16	32	M5*4*0.5P*H2.5	3°	10	
BT50-SLD8-250-A3	351.8	250	212	38	10	10	7	27	100	8	16	37	M5*4*0.5P*H2.5	3°	10	
BT50-SLD8-300-A3	401.8	300	262	38	10	10	7	27	100	8	16	42	M5*4*0.5P*H2.5	3°	10	
BT50-SLD10-150-A3	251.8	150	112	38	10	10	10	35	100	10	18	29	M5*4*0.5P*H2.5	3°	10	
BT50-SLD10-200-A3	301.8	200	162	38	10	10	10	35	100	10	18	34	M5*4*0.5P*H2.5	3°	10	
BT50-SLD10-250-A3	351.8	250	212	38	10	10	10	35	100	10	18	39	M5*4*0.5P*H2.5	3°	10	
BT50-SLD10-300-A3	401.8	300	262	38	10	10	10	35	100	10	18	44	M5*4*0.5P*H2.5	3°	10	
BT50-SLD12-150-A3	251.8	150	112	38	10	10	10	45	100	12	22	33	M6*5*0.75P*H3	3°	10	
BT50-SLD12-200-A3	301.8	200	162	38	10	10	10	45	100	12	22	38	M6*5*0.75P*H3	3°	10	
BT50-SLD12-250-A3	351.8	250	212	38	10	10	10	45	100	12	22	43	M6*5*0.75P*H3	3°	10	
BT50-SLD12-300-A3	401.8	300	262	38	10	10	10	45	100	12	22	48	M6*5*0.75P*H3	3°	10	

SLD 侧固式刀柄延长杆专用螺丝：
SLD side fixed extension rod special screw

规 格 Model	使用孔径 D Using aperture
M3.5×3×P0.35×T6	D3
M4×2.8×P0.5×T8	D4
M4×4×P0.5×T8	D4
M5×3.5×P0.5×T10	D6
M5×5×P0.5×T10	D6 D8 D10
M6×4×P0.75×T15	D12
M6×6×P0.75×T15	D12
M8×5×P0.75×L4	D16 D20
M4×2.8×P0.5×H2	D4
M5×4×P0.5×H2.5	D6 D8 D10
M6×4×P0.75×H3	D12
M6×5×P0.75×H3	D12



备注：梅花扳手“T”，六角扳手“H”
六角扳手：更大的锁紧力（需注意控制尺寸）
梅花扳手：使用更方便

BT30-基础柄刀柄 BT30 SEMI-FINISHED TOOL HOLDER





FIG. 1

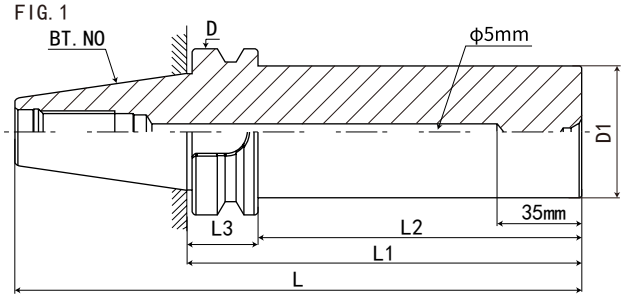
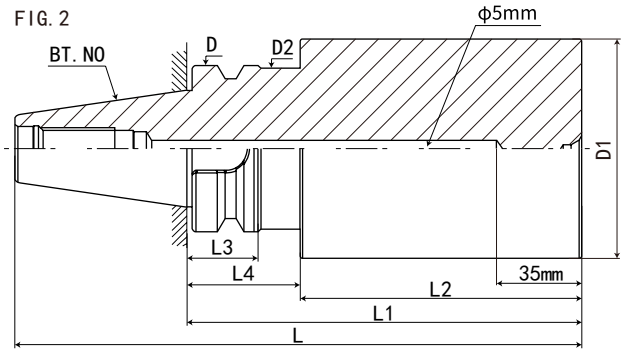


FIG. 2



- 锥柄硬度 HRC50-53
- 前端硬度 HRC40-45
- Taper shank hardnessHRC50-53
- Front end hardness HRC40-45

规 格 Model	L	L1	L2	L3	L4	D	D1	D2	FIG	重量 KGS
BT30-D40-100	148.4	100	78	22	-	46	40	-	1	
BT30-D40-125	173.4	125	103	22	-	46	40	-	1	
BT30-D40-150	198.4	150	128	22	-	46	40	-	1	
BT30-D40-175	223.4	175	153	22	-	46	40	-	1	
BT30-D40-200	248.4	200	178	22	-	46	40	-	1	
BT30-D40-225	273.4	225	203	22	-	46	40	-	1	
BT30-D40-250	298.4	250	228	22	-	46	40	-	1	
BT30-D63-100	148.4	100	68	22	32	46	63	44	2	
BT30-D63-125	173.4	125	93	22	32	46	63	44	2	
BT30-D63-150	198.4	150	118	22	32	46	63	44	2	
BT30-D63-175	223.4	175	143	22	32	46	63	44	2	
BT30-D63-200	248.4	200	168	22	32	46	63	44	2	
BT30-D63-225	273.4	225	193	22	32	46	63	44	2	
BT30-D63-250	298.4	250	218	22	32	46	63	44	2	
BT30-D63-275	323.4	275	243	22	32	46	63	44	2	
BT30-D63-300	348.4	300	268	22	32	46	63	44	2	
BT30-D83-100	148.4	100	68	22	32	46	83	44	2	
BT30-D83-125	173.4	125	93	22	32	46	83	44	2	
BT30-D83-150	198.4	150	118	22	32	46	83	44	2	
BT30-D83-175	223.4	175	143	22	32	46	83	44	2	
BT30-D83-200	248.4	200	168	22	32	46	83	44	2	
BT30-D83-225	273.4	225	193	22	32	46	83	44	2	
BT30-D83-250	298.4	250	218	22	32	46	83	44	2	
BT30-D83-275	323.4	275	243	22	32	46	83	44	2	
BT30-D83-300	348.4	300	268	22	32	46	83	44	2	
BT30-D102-100	148.4	100	68	22	32	46	102	44	2	
BT30-D102-125	173.4	125	93	22	32	46	102	44	2	
BT30-D102-150	198.4	150	118	22	32	46	102	44	2	
BT30-D102-200	248.4	200	168	22	32	46	102	44	2	
BT30-D127-100	148.4	100	68	22	32	46	127	44	2	
BT30-D127-130	178.4	130	98	22	32	46	127	44	2	

BT40-基础柄刀柄 BT40 SEMI-FINISHED TOOL HOLDER





FIG. 1

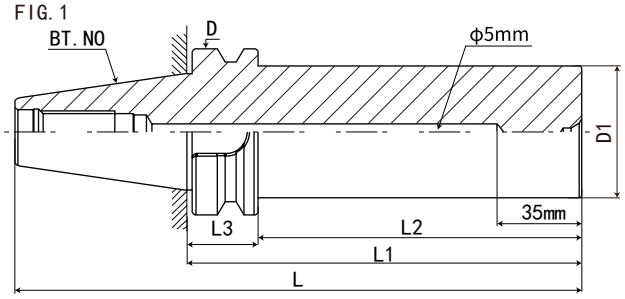
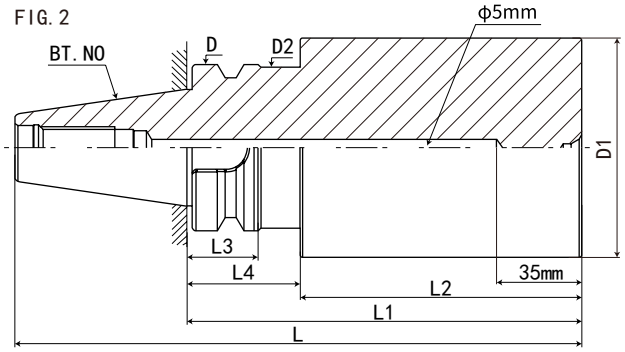


FIG. 2

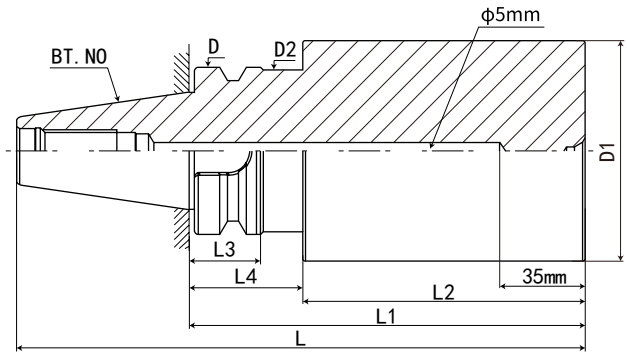


- 锥柄硬度 HRC50-53
- Taper shank hardnessHRC50-53
- 前端硬度 HRC40-45
- Front end hardness HRC40-45

规 格 Model	L	L1	L2	L3	L4	D	D1	D2	FIG	重量 KGS
BT40-D40-100	165.4	100	73	27	-	63	40	-	1	
BT40-D40-125	190.4	125	98	27	-	63	40	-	1	
BT40-D40-150	215.4	150	123	27	-	63	40	-	1	
BT40-D40-175	240.4	175	148	27	-	63	40	-	1	
BT40-D40-200	265.4	200	173	27	-	63	40	-	1	
BT40-D40-225	290.4	225	198	27	-	63	40	-	1	
BT40-D40-250	315.4	250	223	27	-	63	40	-	1	
BT40-D40-275	340.4	275	248	27	-	63	40	-	1	
BT40-D40-300	365.4	300	273	27	-	63	40	-	1	
BT40-D40-330	395.4	330	303	27	-	63	40	-	1	
BT40-D50-100	165.4	100	73	27	-	63	50	-	1	
BT40-D50-125	190.4	125	98	27	-	63	50	-	1	
BT40-D50-150	215.4	150	123	27	-	63	50	-	1	
BT40-D50-175	240.4	175	148	27	-	63	50	-	1	
BT40-D50-200	265.4	200	173	27	-	63	50	-	1	
BT40-D50-225	290.4	225	198	27	-	63	50	-	1	
BT40-D50-250	315.4	250	223	27	-	63	50	-	1	
BT40-D50-275	340.4	275	248	27	-	63	50	-	1	
BT40-D50-300	365.4	300	273	27	-	63	50	-	1	
BT40-D50-330	395.4	330	303	27	-	63	50	-	1	
BT40-D63-100	165.4	100	63	27	37	63	63	61	2	
BT40-D63-125	190.4	125	88	27	37	63	63	61	2	
BT40-D63-150	215.4	150	113	27	37	63	63	61	2	
BT40-D63-175	240.4	175	138	27	37	63	63	61	2	
BT40-D63-200	265.4	200	163	27	37	63	63	61	2	
BT40-D63-225	290.4	225	188	27	37	63	63	61	2	
BT40-D63-250	315.4	250	213	27	37	63	63	61	2	
BT40-D63-275	340.4	275	238	27	37	63	63	61	2	
BT40-D63-300	365.4	300	263	27	37	63	63	61	2	
BT40-D63-330	395.4	330	293	27	37	63	63	61	2	
BT40-D73-100	165.4	100	63	27	37	63	73	61	2	
BT40-D73-125	190.4	125	88	27	37	63	73	61	2	
BT40-D73-150	215.4	150	113	27	37	63	73	61	2	
BT40-D73-175	240.4	175	138	27	37	63	73	61	2	
BT40-D73-200	265.4	200	163	27	37	63	73	61	2	
BT40-D73-225	290.4	225	188	27	37	63	73	61	2	
BT40-D73-250	315.4	250	213	27	37	63	73	61	2	
BT40-D73-275	340.4	275	238	27	37	63	73	61	2	
BT40-D73-300	365.4	300	263	27	37	63	73	61	2	
BT40-D73-330	395.4	330	293	27	37	63	73	61	2	

BT40-基础柄刀柄 BT30 SEMI-FINISHED TOOL HOLDER





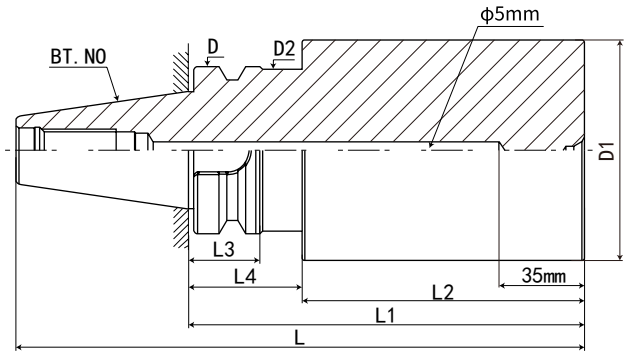
- 锥柄硬度 HRC50-53
- 前端硬度 HRC40-45
- Taper shank hardnessHRC50-53
- Front end hardness HRC40-45

规 格 Model	L	L1	L2	L3	L4	D	D1	D2	重量 KGS
BT40-D83-100	165.4	100	63	27	37	63	83	61	
BT40-D83-125	190.4	125	88	27	37	63	83	61	
BT40-D83-150	215.4	150	113	27	37	63	83	61	
BT40-D83-175	240.4	175	138	27	37	63	83	61	
BT40-D83-200	265.4	200	163	27	37	63	83	61	
BT40-D83-225	290.4	225	188	27	37	63	83	61	
BT40-D83-250	315.4	250	213	27	37	63	83	61	
BT40-D83-275	340.4	275	238	27	37	63	83	61	
BT40-D83-300	365.4	300	263	27	37	63	83	61	
BT40-D83-330	395.4	330	293	27	37	63	83	61	
BT40-D92-100	165.4	100	63	27	37	63	92	61	
BT40-D92-125	190.4	125	88	27	37	63	92	61	
BT40-D92-150	215.4	150	113	27	37	63	92	61	
BT40-D92-175	240.4	175	138	27	37	63	92	61	
BT40-D92-200	265.4	200	163	27	37	63	92	61	
BT40-D92-225	290.4	225	188	27	37	63	92	61	
BT40-D92-250	315.4	250	213	27	37	63	92	61	
BT40-D92-275	340.4	275	238	27	37	63	92	61	
BT40-D92-300	365.4	300	263	27	37	63	92	61	
BT40-D92-330	395.4	330	293	27	37	63	92	61	
BT40-D102-100	165.4	100	63	27	37	63	102	61	
BT40-D102-125	190.4	125	88	27	37	63	102	61	
BT40-D102-150	215.4	150	113	27	37	63	102	61	
BT40-D102-175	240.4	175	138	27	37	63	102	61	
BT40-D102-200	265.4	200	163	27	37	63	102	61	
BT40-D102-225	290.4	225	188	27	37	63	102	61	
BT40-D102-250	315.4	250	213	27	37	63	102	61	
BT40-D102-275	340.4	275	238	27	37	63	102	61	
BT40-D102-300	365.4	300	263	27	37	63	102	61	
BT40-D102-330	395.4	330	293	27	37	63	102	61	
BT40-D127-100	165.4	100	63	27	37	63	127	61	
BT40-D127-130	195.4	130	93	27	37	63	127	61	
BT40-D127-150	215.4	150	113	27	37	63	127	61	
BT40-D127-200	265.4	200	163	27	37	63	127	61	
BT40-D157-110	175.4	110	73	27	37	63	157	61	
BT40-D157-160	225.4	160	123	27	37	63	157	61	
BT40-D157-210	275.4	210	173	27	37	63	157	61	
BT40-D157-260	325.4	260	223	27	37	63	157	61	

数控刀柄系列 CNC TOOL SYSTEMS

BT50-基础柄刀柄 BT40 SEMI-FINISHED TOOL HOLDER





- 锥柄硬度 HRC50-53
- 前端硬度 HRC40-45
- Taper shank hardnessHRC50-53
- Front end hardness HRC40-45

规 格 Model	L	L1	L2	L3	L4	D	D1	D2	重量 KGS
BT50-D102-110	211.8	110	62	38	48	100	102	98	
BT50-D102-160	261.8	160	112	38	48	100	102	98	
BT50-D102-210	311.8	210	162	38	48	100	102	98	
BT50-D102-260	361.8	260	212	38	48	100	102	98	
BT50-D102-310	411.8	310	262	38	48	100	102	98	
BT50-D127-110	211.8	110	62	38	48	100	127	98	
BT50-D127-160	261.8	160	112	38	48	100	127	98	
BT50-D127-210	311.8	210	162	38	48	100	127	98	
BT50-D127-260	361.8	260	212	38	48	100	127	98	
BT50-D127-310	411.8	310	262	38	48	100	127	98	
BT50-D157-110	211.8	110	62	38	48	100	157	98	
BT50-D157-160	261.8	160	112	38	48	100	157	98	
BT50-D157-210	311.8	210	162	38	48	100	157	98	
BT50-D157-260	361.8	260	212	38	48	100	157	98	
BT50-D157-310	411.8	310	262	38	48	100	157	98	

BT30-DC 后拉式刀柄 BT30-DC BACK LOCKING COLLET HOLDER



FIG. 1

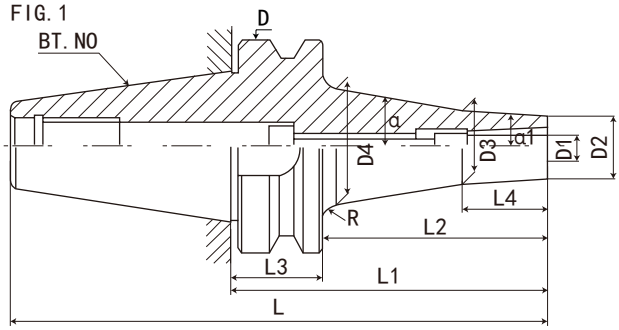
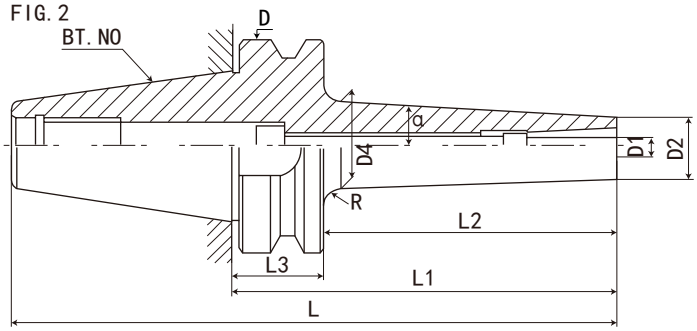


FIG. 2





P.129

规格 Model	L	L1	L2	L3	L4	D	D1	D2	D3	D4	α	α1	R	FIG	夹持范围 Range	重量 KGS
BT30-DC6-60	108.4	60	38	22	-	46		13	-	16.5	3°	-	5	2	2-6mm	
BT30-DC6-90	138.4	90	68	22	-	46		13	-	19.5	3°	-	5	2	2-6mm	
BT30-DC6-120	168.4	120	98	22	-	46		13	-	23	3°	-	5	2	2-6mm	
BT30-DC8-60	108.4	60	38	22	-	46		15	-	18.5	3°	-	5	2	2-8mm	
BT30-DC8-90	138.4	90	68	22	-	46		15	-	21.5	3°	-	5	2	2-8mm	
BT30-DC8-120	168.4	120	98	22	-	46		15	-	24.5	3°	-	5	2	2-8mm	
BT30-DC10-90	138.4	90	68	22	-	46		22	-	29	3°	-	5	2	3-10mm	
BT30-DC10-105	153.4	105	83	22		46		22		30	3°		5	1	3-10mm	
BT30-DC12-60	108.4	60	38	22	-	46		30	-	33.5	3°	-	5	2	3-12mm	
BT30-DC12-90	108.4	60	68	22	-	46		30	-	36.5	3°	-	5	2	3-12mm	

BT40-DC 后拉式刀柄 BT40-DC BACK LOCKING COLLET HOLDER



FIG. 1
BT. NO

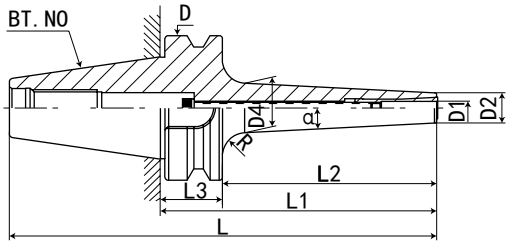
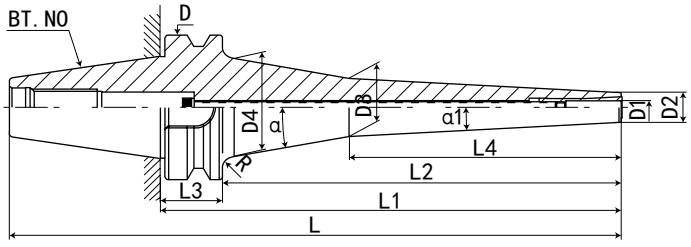


FIG. 2
BT. NO



规格 Model	L	L1	L2	L3	L4	D	D1	D2	D3	D4	α	α1	R	FIG	夹持范围 Range	重量 KGS
BT40-DC6-90	155.4	90	63	27	-	63		13	-	18.5	3°	-	10	2	2-6mm	
BT40-DC6-120	185.4	120	93	27	-	63		13	-	21.5	3°	-	10	2	2-6mm	
BT40-DC6-150	215.4	150	123	27	-	63		13	-	25	3°	-	10	2	2-6mm	
BT40-DC6-200	265.4	200	173	27	118	63		13	25.5	43	10°	3°	5	1	2-6mm	
BT40-DC6-250	315.4	250	223	27	168	63		13	30.5	48	10°	3°	5	1	2-6mm	
BT40-DC8-90	155.4	90	63	27	-	63		15	-	20.5	3°	-	10	2	2-8mm	
BT40-DC8-120	185.4	120	93	27	-	63		15	-	23.5	3°	-	10	2	2-8mm	
BT40-DC8-150	215.4	150	123	27	-	63		15	-	27	3°	-	10	2	2-8mm	
BT40-DC8-200	265.4	200	173	27	118	63		15	27.5	45	10°	3°	5	1	2-8mm	
BT40-DC8-250	315.4	250	223	27	168	63		15	32.5	50	10°	3°	5	1	2-8mm	
BT40-DC10-75	140.4	75	48	27	-	63		22	-	26	3°	-	10	2	3-10mm	
BT40-DC10-90	155.4	90	63	27	-	63		22	-	27.5	3°	-	10	2	3-10mm	
BT40-DC10-120	185.4	120	93	27	-	63		22	-	30.5	3°	-	10	2	3-10mm	
BT40-DC12-90	155.4	90	63	27	-	63		30	-	35.5	3°	-	10	2	3-12mm	
BT40-DC12-120	185.4	120	93	27	-	63		30	-	38.5	3°	-	10	2	3-12mm	
BT40-DC12-150	215.4	150	123	27	-	63		30	-	42	3°	-	10	2	3-12mm	
BT40-DC12-200	265.4	200	173	27	-	63		30	-	47.5	3°	-	5	2	3-12mm	

BT50-DC 后拉式刀柄 BT50-DC BACK LOCKING COLLET HOLDER



FIG. 1

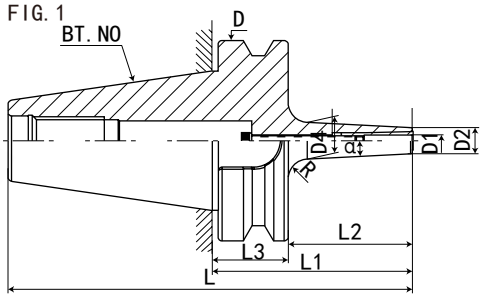
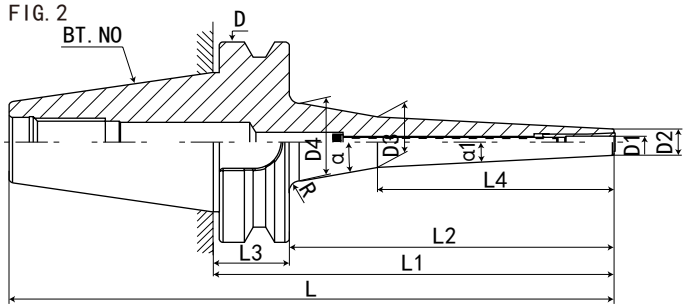


FIG. 2



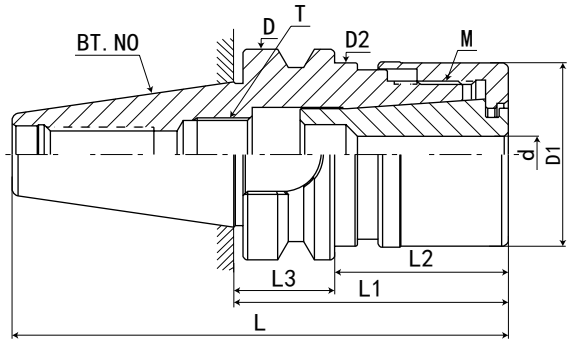


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规格 Model	L	L1	L2	L3	L4	D	D1	D2	D3	D4	α	α1	R	FIG	夹持范围 Range	重量 KGS
BT50-DC6-100	201.8	100	62	38	-	100		13	-	18.5	3°	-	10	2	2-6mm	
BT50-DC6-150	251.8	150	112	38	-	100		13	-	23.5	3°	-	10	2	2-6mm	
BT50-DC6-200	301.8	200	162	38	102	100		13	23.5	41	10°	3°	10	1	2-6mm	
BT50-DC6-250	351.8	250	212	38	152	100		13	29	46.5	10°	3°	10	1	2-6mm	
BT50-DC6-300	401.8	300	262	38	202	100		13	34	51.5	10°	3°	10	1	2-6mm	
BT50-DC8-100	201.8	100	62	38	-	100		15	-	20.5	3°	-	10	2	2-8mm	
BT50-DC8-150	251.8	150	112	38	-	100		15	-	25.5	3°	-	10	2	2-8mm	
BT50-DC8-200	301.8	200	162	38	102	100		15	25.5	43	10°	3°	10	1	2-8mm	
BT50-DC8-250	351.8	250	212	38	152	100		15	31	48.5	10°	3°	10	1	2-8mm	
BT50-DC8-300	401.8	300	262	38	202	100		15	36	53.5	10°	3°	10	1	2-8mm	
BT50-DC10-100	201.8	100	62	38	-	100		22	-	27.5	3°	-	10	2	3-10mm	
BT50-DC10-150	251.8	150	112	38	-	100		22	-	32.5	3°	-	10	2	3-10mm	
BT50-DC10-200	301.8	200	162	38	102	100		22	32.5	50	10°	3°	10	1	3-10mm	
BT50-DC12-100	201.8	100	62	38	-	100		30	-	35.5	3°	-	10	2	3-12mm	
BT50-DC12-150	251.8	150	112	38	-	100		30	-	40.5	3°	-	10	2	3-12mm	
BT50-DC12-200	301.8	200	162	38	102	100		30	40.5	58	10°	3°	10	1	3-12mm	
BT50-DC12-250	351.8	250	212	38	152	100		30	46	63.5	10°	3°	10	1	3-12mm	
BT50-DC12-300	401.8	300	262	38	202	100		30	51	68.5	10°	3°	10	1	3-12mm	

BT30-GSK 高速刀柄 BT30-GSK HIGH SPEED COLLET CHUCK






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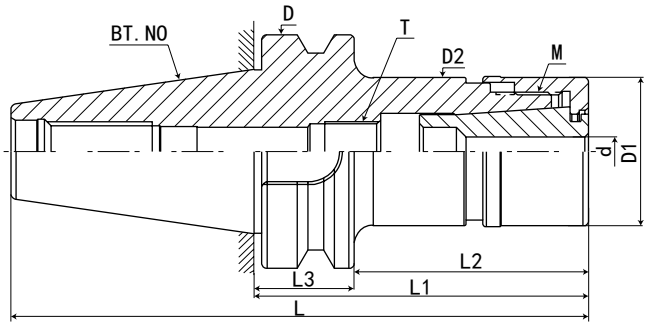

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规格 Model	L	L1	L2	L3	D	D1	D2	M	夹持范围 Range	重量 KGS
BT30-GSK06-60	108.4	60	38	22	46	19.5	20	M15.5*1.0P	2-6mm	0.51
BT30-GSK06-75	123.4	75	53	22	46	19.5	20	M15.5*1.0P	2-6mm	0.53
BT30-GSK06-90	138.4	90	68	22	46	19.5	20	M15.5*1.0P	2-6mm	0.55
BT30-GSK10-60	108.4	60	38	22	46	27.1	27.6	M21.5*1.0P	3-10mm	0.53
BT30-GSK10-75	123.4	75	53	22	46	27.1	27.6	M21.5*1.0P	3-10mm	0.6
BT30-GSK10-90	138.4	90	68	22	46	27.1	27.6	M21.5*1.0P	3-10mm	0.67
BT30-GSK10-120	168.4	120	98	22	46	27.1	27.6	M21.5*1.0P	3-10mm	0.74
BT30-GSK13-60	108.4	60	38	22	46	33	33.5	M27.0*1.0P	3-13mm	0.55
BT30-GSK13-75	123.4	75	53	22	46	33	33.5	M27.0*1.0P	3-13mm	0.62
BT30-GSK13-90	138.4	90	68	22	46	33	33.5	M27.0*1.0P	3-13mm	0.69
BT30-GSK13-120	168.4	120	98	22	46	33	33.5	M27.0*1.0P	3-13mm	0.76
BT30-GSK16-60	108.4	60	38	22	46	40	40.5	M32.0*1.0P	3-16mm	0.58
BT30-GSK16-75	123.4	75	53	22	46	40	40.5	M32.0*1.0P	3-16mm	0.64
BT30-GSK16-90	138.4	90	68	22	46	40	40.5	M32.0*1.0P	3-16mm	0.7
BT30-GSK16-120	168.4	120	98	22	46	40	40.5	M32.0*1.0P	3-16mm	0.76
BT30-GSK20-60	108.4	60	38	22	46	48	48.5	M40.0*1.0P	4-20mm	0.63
BT30-GSK20-75	123.4	75	53	22	46	48	48.5	M40.0*1.0P	4-20mm	0.8
BT30-GSK20-90	138.4	90	68	22	46	48	48.5	M40.0*1.0P	4-20mm	0.97
BT30-GSK20-120	168.4	120	98	22	46	48	48.5	M40.0*1.0P	4-20mm	1.15

BT40-GSK 高速刀柄 BT40-GSK HIGH SPEED COLLET CHUCK






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规格 Model	L	L1	L2	L3	D	D1	D2	M	夹持范围 Range	重量 KGS
BT40-GSK06-60	125.4	60	33	27	63	19.5	20	M15.5*1.0P	2-6mm	0.96
BT40-GSK06-75	140.4	75	48	27	63	19.5	20	M15.5*1.0P	2-6mm	1.07
BT40-GSK06-90	155.4	90	63	27	63	19.5	20	M15.5*1.0P	2-6mm	1.18
BT40-GSK06-120	185.4	120	93	27	63	19.5	20	M15.5*1.0P	2-6mm	1.3
BT40-GSK10-60	125.4	60	33	27	63	27.1	27.6	M21.5*1.0P	3-10mm	1.04
BT40-GSK10-75	140.4	75	48	27	63	27.1	27.6	M21.5*1.0P	3-10mm	1.15
BT40-GSK10-90	155.4	90	63	27	63	27.1	27.6	M21.5*1.0P	3-10mm	1.26
BT40-GSK10-120	185.4	120	93	27	63	27.1	27.6	M21.5*1.0P	3-10mm	1.37
BT40-GSK10-150	215.4	150	123	27	63	27.1	27.6	M21.5*1.0P	3-10mm	1.5
BT40-GSK13-60	125.4	60	33	27	63	33	33.5	M27.0*1.0P	3-13mm	1.12
BT40-GSK13-75	140.4	75	48	27	63	33	33.5	M27.0*1.0P	3-13mm	1.22
BT40-GSK13-90	155.4	90	63	27	63	33	33.5	M27.0*1.0P	3-13mm	1.33
BT40-GSK13-120	185.4	120	93	27	63	33	33.5	M27.0*1.0P	3-13mm	1.44
BT40-GSK13-150	215.4	150	123	27	63	33	33.5	M27.0*1.0P	3-13mm	1.55
BT40-GSK16-60	125.4	60	33	27	63	40	40.5	M32.0*1.0P	3-16mm	1.2
BT40-GSK16-75	140.4	75	48	27	63	40	40.5	M32.0*1.0P	3-16mm	1.3
BT40-GSK16-90	155.4	90	63	27	63	40	40.5	M32.0*1.0P	3-16mm	1.4
BT40-GSK16-120	185.4	120	93	27	63	40	40.5	M32.0*1.0P	3-16mm	1.5
BT40-GSK16-150	215.4	150	123	27	63	40	40.5	M32.0*1.0P	3-16mm	1.6
BT40-GSK20-60	125.4	60	33	27	63	48	48.5	M40.0*1.0P	4-20mm	1
BT40-GSK20-75	140.4	75	48	27	63	48	48.5	M40.0*1.0P	4-20mm	1.15
BT40-GSK20-90	155.4	90	63	27	63	48	48.5	M40.0*1.0P	4-20mm	1.3
BT40-GSK20-120	185.4	120	93	27	63	48	48.5	M40.0*1.0P	4-20mm	1.5
BT40-GSK20-150	215.4	150	123	27	63	48	48.5	M40.0*1.0P	4-20mm	1.7
BT40-GSK25-90	155.4	90	63	27	63	55	55.5	M45.0*1.0P	6-25mm	1.5
BT40-GSK25-120	185.4	120	93	27	63	55	55.5	M45.0*1.0P	6-25mm	1.8

BT50-GSK 高速刀柄 BT50-GSK HIGH SPEED COLLET CHUCK

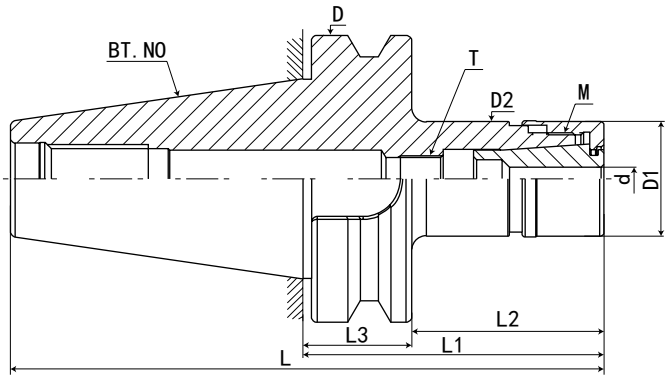



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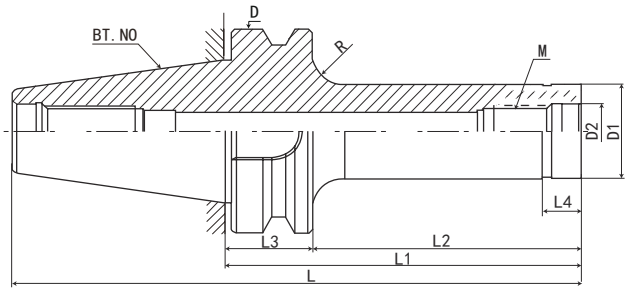

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规格 Model	L	L1	L2	L3	D	D1	D2	M	夹持范围 Range	重量 KGS
BT50-GSK10-105	168.8	105	67	38	100	27.1	27.6	M21.5*1.0P	3-10mm	3.7
BT50-GSK10-135	198.8	135	97	38	100	27.1	27.6	M21.5*1.0P	3-10mm	3.8
BT50-GSK10-165	228.8	165	127	38	100	27.1	27.6	M21.5*1.0P	3-10mm	3.9
BT50-GSK13-105	168.8	105	67	38	100	33	33.5	M27.0*1.0P	3-13mm	3.8
BT50-GSK13-135	198.8	135	97	38	100	33	33.5	M27.0*1.0P	3-13mm	3.9
BT50-GSK13-165	228.8	165	127	38	100	33	33.5	M27.0*1.0P	3-13mm	4
BT50-GSK16-105	168.8	105	67	38	100	40	40.5	M32.0*1.0P	3-16mm	3.9
BT50-GSK16-135	198.8	135	97	38	100	40	40.5	M32.0*1.0P	3-16mm	4
BT50-GSK16-165	228.8	165	127	38	100	40	40.5	M32.0*1.0P	3-16mm	4.1
BT50-GSK16-200	263.8	200	162	38	100	40	40.5	M32.0*1.0P	3-16mm	4.3
BT50-GSK20-105	168.8	105	67	38	100	48	48.5	M40.0*1.0P	4-20mm	4
BT50-GSK20-135	198.8	135	97	38	100	48	48.5	M40.0*1.0P	4-20mm	4.2
BT50-GSK20-165	228.8	165	127	38	100	48	48.5	M40.0*1.0P	4-20mm	4.4
BT50-GSK20-200	263.8	200	162	38	100	48	48.5	M40.0*1.0P	4-20mm	4.6
BT50-GSK25-105	168.8	105	67	38	100	55	55.5	M45.0*1.0P	6-25mm	4.1
BT50-GSK25-135	198.8	135	97	38	100	55	55.5	M45.0*1.0P	6-25mm	4.43
BT50-GSK25-165	228.8	165	127	38	100	55	55.5	M45.0*1.0P	6-25mm	4.76
BT50-GSK25-200	263.8	200	162	38	100	55	55.5	M45.0*1.0P	6-25mm	5.1

BT-M 螺纹连接刀柄（直柄） BT-M THERADED CHUCK









P.I29 P.M21

规格 Model	L	L1	L2	L3	L4	D	D1	D2	M	R	重量 KGS
BT30-M08-60	108.4	60	38	22	12	46	15.4	8.5	M8*1.25P	4	
BT30-M08-90	138.4	90	68	22	12	46	15.4	8.5	M8*1.25P	4	0.5
BT30-M08-110	158.4	110	88	22	12	46	15.4	8.5	M8*1.25P	4	
BT30-M10-60	108.4	60	38	22	12	46	19	10.5	M10*1.5P	4	
BT30-M10-90	138.4	90	68	22	12	46	19	10.5	M10*1.5P	4	0.5
BT30-M10-110	158.4	110	88	22	12	46	19	10.5	M10*1.5P	4	
BT30-M12-60	108.4	60	38	22	12	46	24	12.5	M12*1.75P	4	
BT30-M12-90	138.4	90	68	22	12	46	24	12.5	M12*1.75P	4	0.6
BT30-M12-110	158.4	110	88	22	12	46	24	12.5	M12*1.75P	4	
BT30-M16-60	108.4	60	38	22	12	46	29	17	M16*2.0P	4	
BT30-M16-90	138.4	90	68	22	12	46	29	17	M16*2.0P	4	0.7
BT30-M16-110	158.4	110	88	22	12	46	29	17	M16*2.0P	4	
BT40-M08-60	125.4	60	33	27	12	63	15.4	8.5	M8*1.25P	10	1.1
BT40-M08-90	155.4	90	63	27	12	63	15.4	8.5	M8*1.25P	10	1.2
BT40-M08-110	175.4	110	83	27	12	63	15.4	8.5	M8*1.25P	10	1.2
BT40-M10-60	125.4	60	33	27	12	63	19	10.5	M10*1.5P	10	1.1
BT40-M10-90	155.4	90	63	27	12	63	19	10.5	M10*1.5P	10	1.1
BT40-M10-110	175.4	110	83	27	12	63	19	10.5	M10*1.5P	10	1.2
BT40-M12-60	125.4	60	33	27	12	63	24	12.5	M12*1.75P	10	1.2
BT40-M12-90	155.4	90	63	27	12	63	24	12.5	M12*1.75P	10	1.3
BT40-M12-110	175.4	110	83	27	12	63	24	12.5	M12*1.75P	10	1.3
BT40-M16-60	125.4	60	33	27	12	63	29	17	M16*2.0P	10	1.2
BT40-M16-90	155.4	90	63	27	12	63	29	17	M16*2.0P	10	1.3
BT40-M16-110	175.4	110	83	27	12	63	29	17	M16*2.0P	10	1.4
BT50-M08-60	161.8	60	22	38	12	100	15.4	8.5	M8*1.25P	10	
BT50-M08-90	191.8	90	52	38	12	100	15.4	8.5	M8*1.25P	10	3.8
BT50-M08-110	211.8	110	72	38	12	100	15.4	8.5	M8*1.25P	10	3.8
BT50-M10-60	161.8	60	22	38	12	100	19	10.5	M10*1.5P	10	
BT50-M10-90	191.8	90	52	38	12	100	19	10.5	M10*1.5P	10	3.8
BT50-M10-110	211.8	110	72	38	12	100	19	10.5	M10*1.5P	10	3.8
BT50-M12-60	161.8	60	22	38	12	100	24	12.5	M12*1.75P	10	
BT50-M12-90	191.8	90	52	38	12	100	24	12.5	M12*1.75P	10	3.9
BT50-M12-110	211.8	110	72	38	12	100	24	12.5	M12*1.75P	10	3.9
BT50-M16-60	161.8	60	22	38	12	100	29	17	M16*2.0P	10	3.9
BT50-M16-90	191.8	90	52	38	12	100	29	17	M16*2.0P	10	3.9
BT50-M16-110	211.8	110	72	38	12	100	29	17	M16*2.0P	10	3.9

BT30/40-M 螺纹连接刀柄（斜柄） BT30/40-M THERADED CHUCK

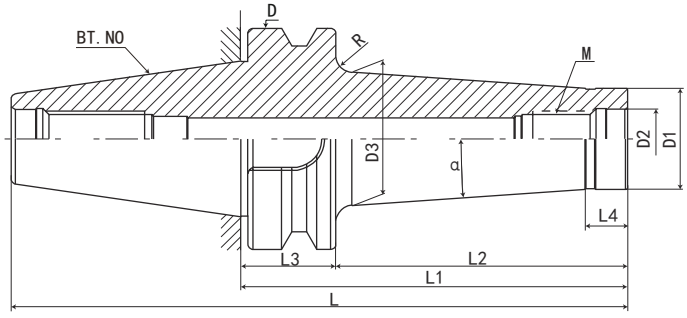




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P.M21



规格 Model	L	L1	L2	L3	L4	D	D1	D2	D3	M	α	R	重量 KGS
BT30-M08-60-A5	108.4	60	38	22	12	46	15.4	8.5	19.5	M8*1.25P	5°	4	0.5
BT30-M08-90-A5	138.4	90	68	22	12	46	15.4	8.5	24.5	M8*1.25P	5°	4	
BT30-M10-60-A4	108.4	60	38	22	12	46	19	10.5	22	M10*1.5P	4°	4	0.5
BT30-M10-90-A4	138.4	90	68	22	12	46	19	10.5	26	M10*1.5P	4°	4	
BT30-M12-60-A4	108.4	60	38	22	12	46	24	12.5	27	M12*1.75P	4°	4	0.5
BT30-M12-90-A4	138.4	90	68	22	12	46	24	12.5	31.5	M12*1.75P	4°	2	
BT30-M16-60-A4	108.4	60	38	22	12	46	29	17	32.5	M16*2.0P	4°	2	0.6
BT30-M16-90-A4	138.4	90	68	22	12	46	29	17	36.5	M16*2.0P	4°	2	0.7
BT40-M08-60-A5	125.4	60	33	27	12	63	15.4	8.5	18	M8*1.25P	5°	5	1.1
BT40-M08-90-A5	155.4	90	63	27	12	63	15.4	8.5	23.5	M8*1.25P	5°	5	1.2
BT40-M08-110-A5	175.4	110	83	27	12	63	15.4	8.5	27	M8*1.25P	5°	5	1.3
BT40-M08-150-A5	215.4	150	123	27	12	63	15.4	8.5	34	M8*1.25P	5°	5	1.5
BT40-M08-200-A5	265.4	200	173	27	12	63	15.4	8.5	42.5	M8*1.25P	5°	5	
BT40-M10-60-A4	125.4	60	33	27	12	63	19	10.5	21.5	M10*1.5P	4°	5	1.1
BT40-M10-90-A4	155.4	90	63	27	12	63	19	10.5	25.5	M10*1.5P	4°	5	1.2
BT40-M10-110-A4	175.4	110	83	27	12	63	19	10.5	28.5	M10*1.5P	4°	5	1.3
BT40-M10-150-A4	215.4	150	123	27	12	63	19	10.5	34	M10*1.5P	4°	5	1.6
BT40-M10-200-A4	265.4	200	173	27	12	63	19	10.5	41	M10*1.5P	4°	5	2
BT40-M12-60-A4	125.4	60	33	27	12	63	23	12.5	25.5	M12*1.75P	4°	5	1.2
BT40-M12-90-A4	155.4	90	63	27	12	63	23	12.5	29.5	M12*1.75P	4°	5	1.2
BT40-M12-110-A4	175.4	110	83	27	12	63	23	12.5	32.5	M12*1.75P	4°	5	1.5
BT40-M12-135-A4	200.4	135	108	27	12	63	23	12.5	36	M12*1.75P	4°	5	1.6
BT40-M12-150-A4	215.4	150	123	27	12	63	23	12.5	38	M12*1.75P	4°	5	1.7
BT40-M12-200-A4	265.4	200	173	27	12	63	23	12.5	45	M12*1.75P	4°	5	2.5
BT40-M16-60-A4	125.4	60	33	27	12	63	28.8	17	31	M16*2.0P	4°	5	
BT40-M16-90-A4	155.4	90	63	27	12	63	28.8	17	35.5	M16*2.0P	4°	5	
BT40-M16-110-A4	175.4	110	83	27	12	63	28.8	17	38	M16*2.0P	4°	5	
BT40-M16-135-A4	200.4	135	108	27	12	63	28.8	17	41.5	M16*2.0P	4°	5	1.7
BT40-M16-150-A4	215.4	150	123	27	12	63	28.8	17	43.5	M16*2.0P	4°	5	
BT40-M16-200-A4	265.4	200	173	27	12	63	28.8	17	50.5	M16*2.0P	4°	5	

BT50-M 螺纹连接刀柄（斜柄） BT50-M THERADED CHUCK

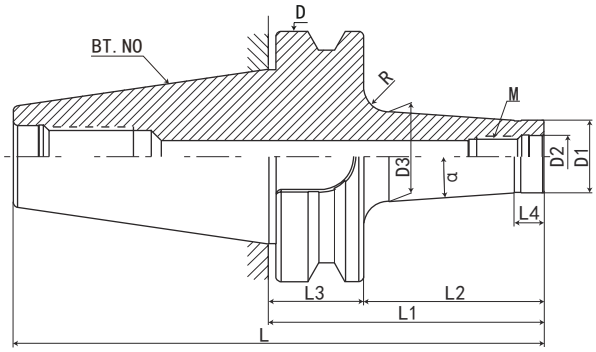




P.I29



P.M21



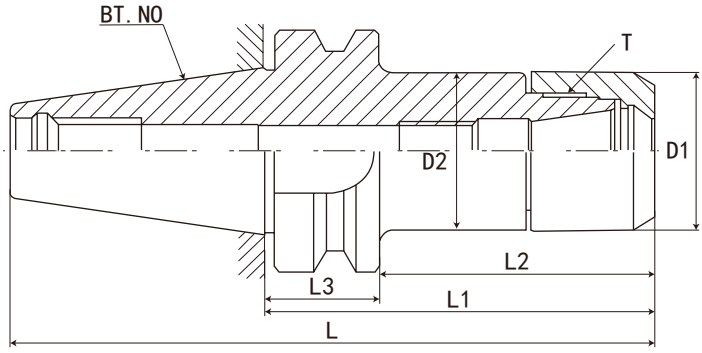
规格 Model	L	L1	L2	L3	L4	D	D1	D2	D3	M	α	R	重量 KGS
BT50-M08-60-A5	161.8	60	22	38	12	100	15.4	8.5	17.5	M8*1.25P	5°	10	
BT50-M08-90-A5	194.8	90	52	38	12	100	15.4	8.5	20.5	M8*1.25P	5°	10	3.9
BT50-M08-110-A5	211.8	110	72	38	12	100	15.4	8.5	24	M8*1.25P	5°	10	4
BT50-M08-150-A5	251.8	150	112	38	12	100	15.4	8.5	31	M8*1.25P	5°	10	4.3
BT50-M08-200-A5	301.8	200	162	38	12	100	15.4	8.5	40	M8*1.25P	5°	10	5
BT50-M08-250-A5	351.8	250	212	38	12	100	15.4	8.5	48.5	M8*1.25P	5°	10	
BT50-M08-300-A5	401.8	300	262	38	12	100	15.4	8.5	57.5	M8*1.25P	5°	10	
BT50-M10-60-A4	161.8	60	22	38	12	100	19	10.5	20.5	M10*1.5P	4°	10	
BT50-M10-90-A4	194.8	90	52	38	12	100	19	10.5	23	M10*1.5P	4°	10	3.9
BT50-M10-110-A4	211.8	110	72	38	12	100	19	10.5	26	M10*1.5P	4°	10	4
BT50-M10-150-A4	251.8	150	112	38	12	100	19	10.5	31.5	M10*1.5P	4°	10	4.3
BT50-M10-200-A4	301.8	200	162	38	12	100	19	10.5	38.5	M10*1.5P	4°	10	4.7
BT50-M10-250-A4	351.8	250	212	38	12	100	19	10.5	45.5	M10*1.5P	4°	10	
BT50-M10-300-A4	401.8	300	262	38	12	100	19	10.5	52.5	M10*1.5P	4°	10	6.4
BT50-M12-60-A4	161.8	60	22	38	12	100	24	12.5	25.5	M12*1.75P	4°	10	
BT50-M12-90-A4	194.8	90	52	38	12	100	24	12.5	28	M12*1.75P	4°	10	4.2
BT50-M12-110-A4	211.8	110	72	38	12	100	24	12.5	31	M12*1.75P	4°	10	4.1
BT50-M12-135-A4	236.8	135	97	38	12	100	24	12.5	34.5	M12*1.75P	4°	10	4.3
BT50-M12-150-A4	251.8	150	112	38	12	100	24	12.5	36.5	M12*1.75P	4°	10	4.6
BT50-M12-200-A4	301.8	200	162	38	12	100	24	12.5	43.5	M12*1.75P	4°	10	5.2
BT50-M12-250-A4	351.8	250	212	38	12	100	24	12.5	50.5	M12*1.75P	4°	10	5.8
BT50-M12-300-A4	401.8	300	262	38	12	100	24	12.5	57.5	M12*1.75P	4°	10	7.2
BT50-M16-60-A4	161.8	60	22	38	12	100	29	17	30.5	M16*2.0P	4°	10	
BT50-M16-90-A4	194.8	90	52	38	12	100	29	17	33	M16*2.0P	4°	10	4
BT50-M16-110-A4	211.8	110	72	38	12	100	29	17	36	M16*2.0P	4°	10	4.2
BT50-M16-135-A4	236.8	135	97	38	12	100	29	17	39.5	M16*2.0P	4°	10	4.4
BT50-M16-150-A4	251.8	150	112	38	12	100	29	17	41.5	M16*2.0P	4°	10	4.8
BT50-M16-200-A4	301.8	200	162	38	12	100	29	17	48.5	M16*2.0P	4°	10	5.5
BT50-M16-250-A4	351.8	250	212	38	12	100	29	17	55.5	M16*2.0P	4°	10	6.2
BT50-M16-300-A4	401.8	300	262	38	12	100	29	17	62.5	M16*2.0P	4°	10	

BT-HGER 高速刀柄 BT-HGER HIGH SPEED ER COLLET CHUCK





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规格 Model	L	L1	L2	L3	D1	D2	T	夹持范围 Range	重量 KGS
BT30-HGER16-60	108.4	60	38	22	30	30.5	TR22*1.5	3-10mm	
BT30-HGER16-75	123.4	75	53	22	30	30.5	TR22*1.5	3-10mm	
BT30-HGER16-90	138.4	90	68	22	30	30.5	TR22*1.5	3-10mm	
BT30-HGER16-120	168.4	120	98	222	30	30.5	TR22*1.5	3-10mm	
BT30-HGER20-60	108.4	60	38	22	32	32.5	TR26*1.5	3-13mm	
BT30-HGER20-75	123.4	75	53	22	32	32.5	TR26*1.5	3-13mm	
BT30-HGER20-90	138.4	90	68	22	32	32.5	TR26*1.5	3-13mm	
BT30-HGER20-120	168.4	120	98	22	32	32.5	TR26*1.5	3-13mm	
BT30-HGER25-60	108.4	60	38	22	40	40.5	TR32*1.5	3-16mm	
BT30-HGER25-75	123.4	75	53	22	40	40.5	TR32*1.5	3-16mm	
BT30-HGER25-90	138.4	90	68	22	40	40.5	TR32*1.5	3-16mm	
BT30-HGER25-120	168.4	120	98	22	40	40.5	TR32*1.5	3-16mm	
BT30-HGER32-75	123.4	75	53	22	50	45	TR40*1.5	3-20mm	
BT30-HGER32-90	138.4	90	68	22	50	45	TR40*1.5	3-20mm	
BT30-HGER32-120	168.4	120	98	22	50	45	TR40*1.5	3-20mm	
BT40-HGER16-75	140.4	75	48	27	30	30.5	TR22*1.5	3-20mm	
BT40-HGER16-90	155.4	90	63	27	30	30.5	TR22*1.5	3-10mm	
BT40-HGER16-120	185.4	120	93	27	30	30.5	TR22*1.5	3-10mm	
BT40-HGER16-150	215.4	150	123	27	30	30.5	TR22*1.5	3-10mm	
BT40-HGER20-75	140.4	75	48	27	32	32.5	TR26*1.5	3-13mm	
BT40-HGER20-90	155.4	90	63	27	32	32.5	TR26*1.5	3-13mm	
BT40-HGER20-120	185.4	120	93	27	32	32.5	TR26*1.5	3-13mm	
BT40-HGER20-150	215.4	150	123	27	32	32.5	TR26*1.5	3-13mm	
BT40-HGER25-75	140.4	75	48	27	40	40.5	TR32*1.5	3-16mm	
BT40-HGER25-90	155.4	90	63	27	40	40.5	TR32*1.5	3-16mm	
BT40-HGER25-120	185.4	120	93	27	40	40.5	TR32*1.5	3-16mm	
BT40-HGER25-150	215.4	150	123	27	40	40.5	TR32*1.5	3-16mm	
BT40-HGER32-75	140.4	75	48	27	50	50.5	TR40*1.5	3-20mm	
BT40-HGER32-90	155.4	90	63	27	50	50.5	TR40*1.5	3-20mm	
BT40-HGER32-120	185.4	120	93	27	50	50.5	TR40*1.5	3-20mm	
BT40-HGER32-150	215.4	150	123	27	50	50.5	TR40*1.5	3-20mm	
BT50-HGER16-105	206.8	105	67	38	30	30.5	TR22*1.5	3-10mm	
BT50-HGER16-135	236.8	135	97	38	30	30.5	TR22*1.5	3-10mm	
BT50-HGER16-165	266.8	165	127	38	30	30.5	TR22*1.5	3-10mm	
BT50-HGER20-105	206.8	105	67	38	32	32.5	TR26*1.5	3-13mm	
BT50-HGER20-135	236.8	135	97	38	32	32.5	TR26*1.5	3-13mm	
BT50-HGER20-165	266.8	165	127	38	32	32.5	TR26*1.5	3-13mm	
BT50-HGER25-105	206.8	105	67	38	40	40.5	TR32*1.5	3-16mm	
BT50-HGER25-135	236.8	135	97	38	40	40.5	TR32*1.5	3-16mm	
BT50-HGER25-165	266.8	165	127	38	40	40.5	TR32*1.5	3-16mm	
BT50-HGER25-200	301.8	200	162	38	40	40.5	TR32*1.5	3-16mm	
BT50-HGER32-105	206.8	105	67	38	50	50.5	TR40*1.5	3-20mm	
BT50-HGER32-135	236.8	135	97	38	50	50.5	TR40*1.5	3-20mm	
BT50-HGER32-165	266.8	165	127	38	50	50.5	TR40*1.5	3-20mm	
BT50-HGER32-200	301.8	200	162	38	50	50.5	TR40*1.5	3-20mm	

BT-MOD 模块刀柄 BT-MOD MODULAR TOOL HOLDER





FIG. 1 BT. NO

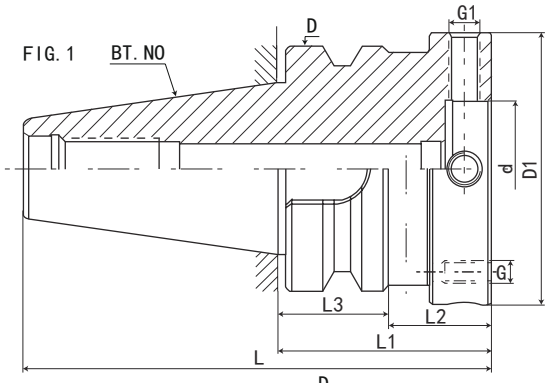
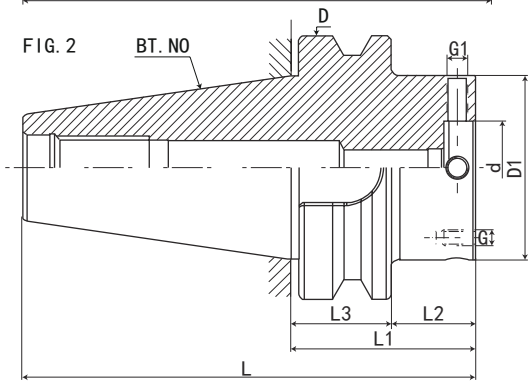


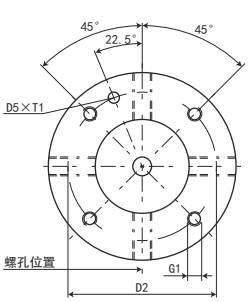
FIG. 2 BT. NO

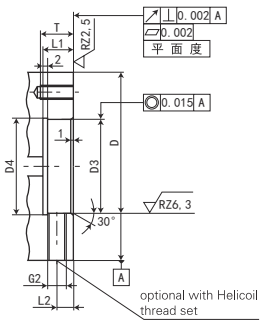




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规格 Model	L	L1	L2	L3	D	D1	d	G1	G	重量 KGS
BT30-MOD060-040	88.4	40	18	22	46	60	30	M8*1.0P	M5*0.8P	0.7
BT30-MOD070-040	88.4	40	18	22	46	70	35	M8*1.0P	M6*1.0P	0.8
BT40-MOD060-055	120.4	55	28	27	63	60	30	M8*1.0P	M5*0.8P	1.5
BT40-MOD070-055	120.4	55	28	27	63	70	35	M8*1.0P	M6*1.0P	1.6
BT40-MOD080-065	130.4	65	38	27	63	80	40	M8*1.0P	M6*1.0P	2
BT40-MOD100-070	135.4	70	43	27	63	100	50	M10*1.0P	M8*1.25P	2.6
BT45-MOD060-065	147.8	65	32	33	85	60	30	M8*1.0P	M5*0.8P	3
BT45-MOD070-065	147.8	65	32	33	85	70	35	M8*1.0P	M6*1.0P	3.1
BT45-MOD080-065	147.8	65	32	33	85	80	40	M8*1.0P	M6*1.0P	3.3
BT45-MOD100-075	157.8	75	42	33	85	100	50	M10*1.0P	M8*1.25P	3.5
BT45-MOD117-075	157.8	75	42	33	85	117	60	M10*1.0P	M8*1.25P	4.4
BT50-MOD060-070	171.8	70	32	38	100	60	30	M8*1.0P	M5*0.8P	4.8
BT50-MOD070-070	171.8	70	32	38	100	70	35	M8*1.0P	M6*1.0P	4.9
BT50-MOD080-070	171.8	70	32	38	100	80	40	M8*1.0P	M6*1.0P	5.1
BT50-MOD100-070	171.8	70	32	38	100	100	50	M10*1.0P	M8*1.25P	5.3
BT50-MOD117-080	181.8	80	42	38	100	117	60	M10*1.0P	M8*1.25P	6.3
BT50-MOD140-080	181.8	80	42	38	100	140	80	M10*1.0P	M8*1.25P	6.6

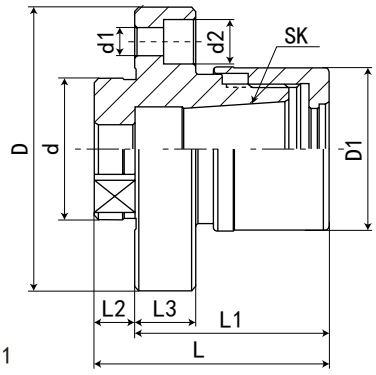




Nominal size module diameter D	32 60	40 70	50 80	63 100	80 117	100 140	125 180	160 210
D2+/-0.1	44	53	63	79	96	119	150	185
D3F8	30	35	40	50	60	80	100	120
D4	31	36	41	51	61	81	101	121
D5	4.5	5	5	5	6	6	6	6
L1	12	12	12	14	14	14	24	37
L2	7	7	7	8	8	8	8	8
G1	M5	M6	M6	M8	M8	M10	M12	M12
G2	M8*1	M8*1	M8*1	M10*1	M10*1	M10*1	M10*1	M10*1
T	11	14	14	15	15	18	25	25
T1+0.5	3	3.5	3.5	3.5	4.5	4.5	4.5	4.5

MOD 法兰盘 MOD FLANGE PLATE





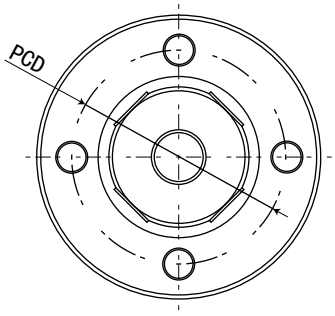
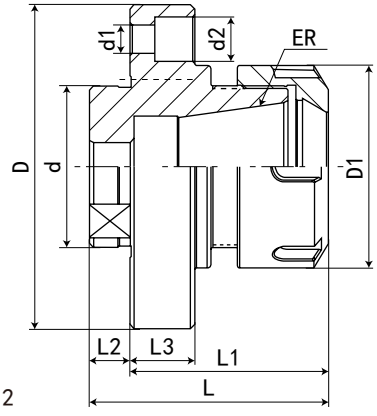


FIG. 1





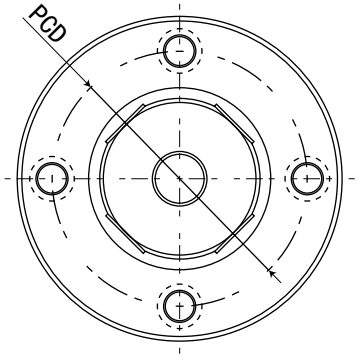


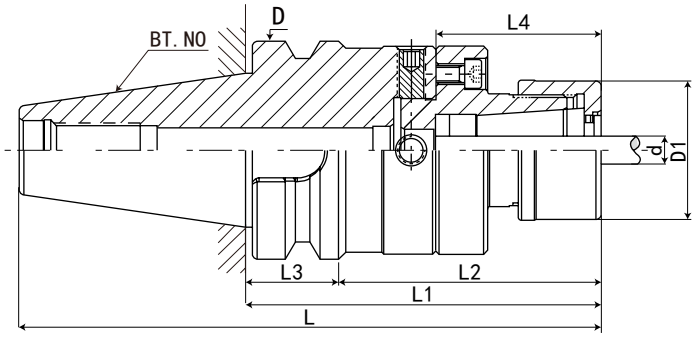
FIG. 2

规 格 Model	D	D1	d	d1	d2	L	L1	L2	L3	PCD	FIG
MOD060-GSK16-48	60	40	30	6	9	58	48	10	15	44	1
MOD070-GSK16-48	70	40	35	7	11	58	48	10	15	53	1
MOD080-GSK16-49	80	40	40	7	11	59	49	10	16	63	1
MOD080-ER32-49	80	50	40	7	11	59	49	10	16	63	2
MOD100-ER40-63	100	63	50	9	14	75	63	12	18	79	2

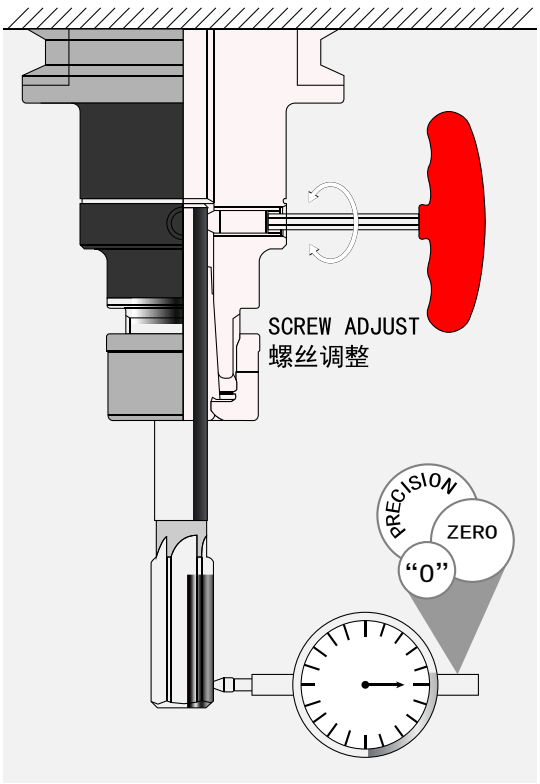
BT-MOD 可调精度刀柄（铰刀专用） BT-MOD ADJUSTABLE CHUCK（REAMER USING）

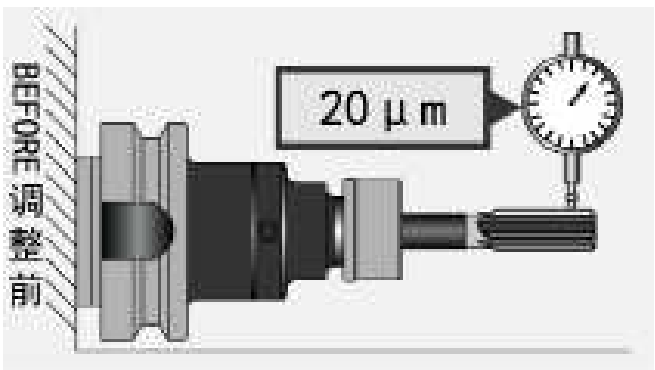


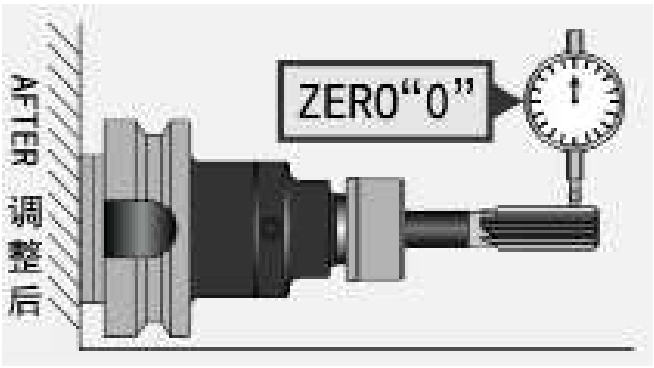
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规 格 Model	L	L1	L2	L3	L4	D	D1	d 夹持范围 Range	弹性筒夹 Collets
BT30-MOD060-GSK16-88	136.4	88	66	22	48	46	40	3-16mm	GSK16
BT30-MOD070-GSK16-88	136.4	88	66	22	48	46	40	3-16mm	GSK16
BT40-MOD060-GSK16-103	168.4	103	76	27	48	63	40	3-16mm	GSK16
BT40-MOD070-GSK16-103	168.4	103	76	27	48	63	40	3-16mm	GSK16
BT40-MOD080-ER32-114	179.4	114	87	27	49	63	50	2-20mm	ER32
BT40-MOD080-GSK16-114	179.4	114	87	27	49	63	40	3-16mm	GSK16
BT40-MOD100-ER40-133	198.4	133	106	27	63	63	63	2-26mm	ER40
BT50-MOD060-GSK16-118	219.8	118	80	38	48	100	40	3-16mm	GSK16
BT50-MOD070-GSK16-118	219.8	118	80	38	48	100	40	3-16mm	GSK16
BT50-MOD080-ER32-119	220.8	119	81	38	49	100	50	2-20mm	ER32
BT50-MOD080-GSK16-119	220.8	119	81	38	49	100	40	3-16mm	GSK16
BT50-MOD100-ER40-133	134.8	133	95	38	63	100	63	2-26mm	ER40







特点：

◎刀尖位置可调至“0”位置

◎机械主轴、夹头、刀具的累计误差值可一次调整补正

Features:

◎ The tool tip postition can be adjusted as “0” position.

◎ The accumulated error value of the spindle,the chuck,and the tool can all be adjusted and corrected at the same time.

BT-EMH 喷射型侧固式刀柄 BT-EMH JETTING END MILL HOLDER





P.129

FIG. 1

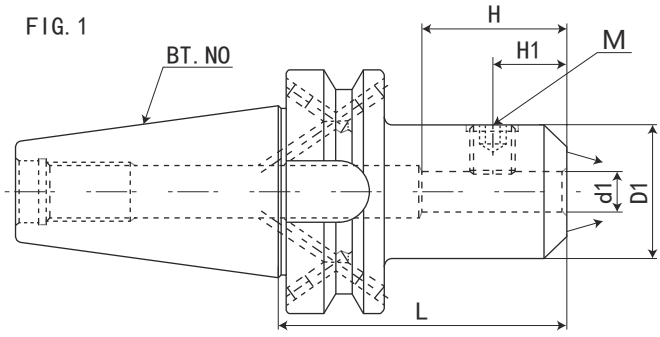
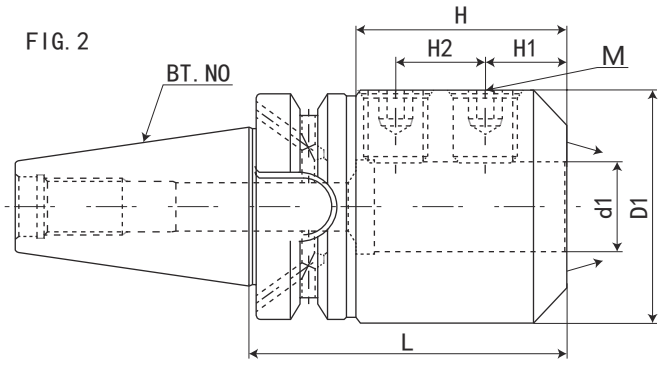


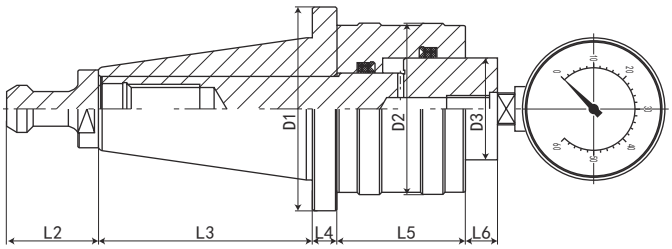
FIG. 2



规 格 Model	d1	D1	L	H	H1	FIG	M	重量 KGS
BT40AD/B-EMH6C-50	6	25	50	35	18	1	M6*1.0P	1
BT40AD/B-EMH8C-50	8	28	50	35	18	1	M8*1.25P	1
BT40AD/B-EMH10C-63	10	35	63	35.5	20	1	M10*1.5P	1.1
BT40AD/B-EMH12C-63	12	42	63	36	22.5	1	M12*1.75P	1.3
BT40AD/B-EMH14C-63	14	44	63	36	22.5	1	M12*1.75P	1.4
BT40AD/B-EMH16C-63	16	48	63	46	24	1	M14*2.0P	1.7
BT40AD/B-EMH18C-63	18	50	63	46	24	1	M14*2.0P	1.7
BT40AD/B-EMH20C-63	20	52	63	48	25	1	M16*2.0P	1.8
BT40AD/B-EMH25C-90	25	65	90	55	25	2	M18*2.5P	1.8
BT40AD/B-EMH32C-100	32	72	100	57	28	2	M20*2.5P	2
BT50AD/B-EMH6C-63	6	25	63	35	18	1	M6*1.0P	3.3
BT50AD/B-EMH8C-63	8	28	63	35	18	1	M8*1.25P	3.6
BT50AD/B-EMH10C-65	10	35	65	35.5	20	1	M10*1.5P	3.8
BT50AD/B-EMH12C-80	12	42	80	36	22.5	1	M12*1.75P	3.8
BT50AD/B-EMH14C-80	14	44	80	36	22.5	1	M12*1.75P	4
BT50AD/B-EMH16C-80	16	48	80	46	24	1	M14*2.0P	4
BT50AD/B-EMH18C-80	18	50	80	46	24	1	M14*2.0P	4.2
BT50AD/B-EMH20C-80	20	52	80	48	25	1	M16*2.0P	4.2
BT50AD/B-EMH25C-100	25	65	100	55	25	2	M18*2.5P	4.6
BT50AD/B-EMH32C-105	32	72	105	57	28	2	M20*2.5P	4.7
BT50AD/B-EMH40C-120	40	90	120	68	32	2	M20*2.5P	4.9

主轴拉力计 SPINDLE TENSION METER

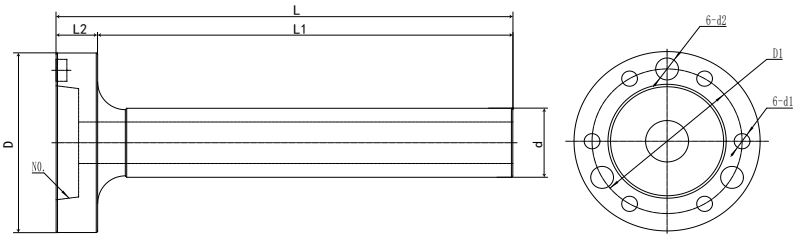




规格 / 型号 Model	L1	L2	L3	L4	L5	L6	D1	D2	D3
BT30	171.2	23	50.4	20	62	15.8	46	70	50
BT40	187.4	32	67.4	10	63	15	63	72	50
BT50	240.6	45	104.8	12	63	15.8	100	84	50

车床主轴检验棒 LATHE SPINDLE INSPECTION BAR

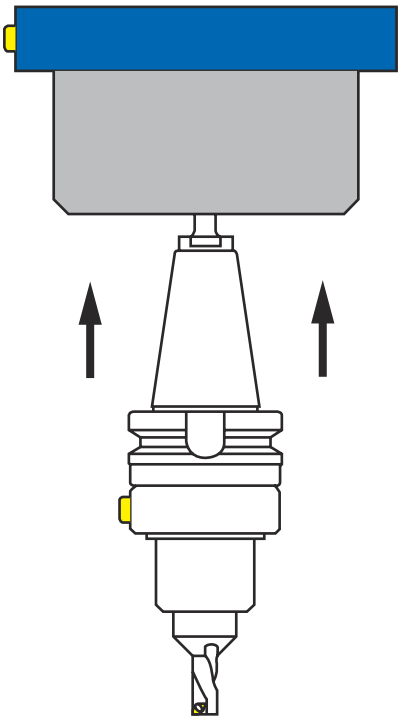




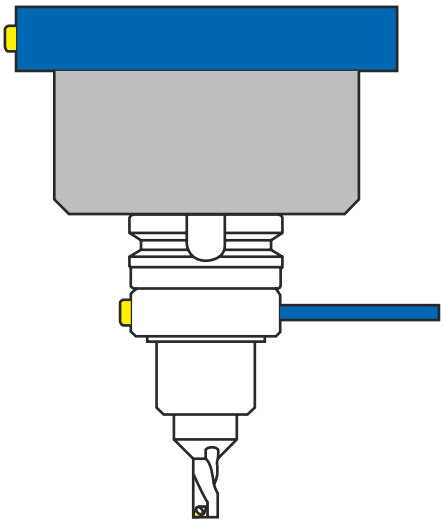
规格 / 型号 Model	D	d	L	L1	L2	D1	d1	d2
A2-4	108	50	330	300	30	82.6	11	14.25
A2-5	130	50	330	300	30	104.8	11	15.9
A2-6	160	50	330	300	30	133.4	13	19.05
A2-8	210	50	330	300	30	171.4	17	23.8
A2-11	280	50	390	350	40	235	21	28.6
A2-15	380	80	390	350	40	330.2	25	34.9

油路刀柄使用方法 SIDE LOCK OIL HOLE HOLDER USAGE METHOD

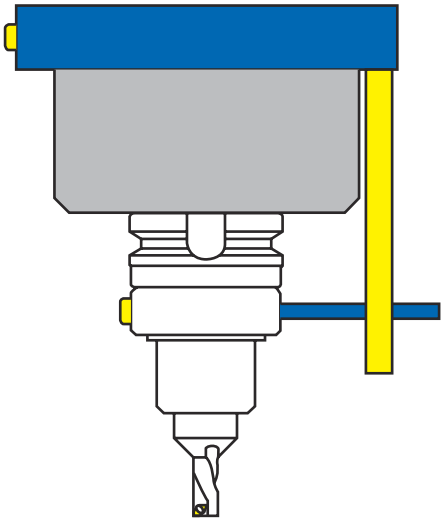
第一步：把刀柄装主轴上



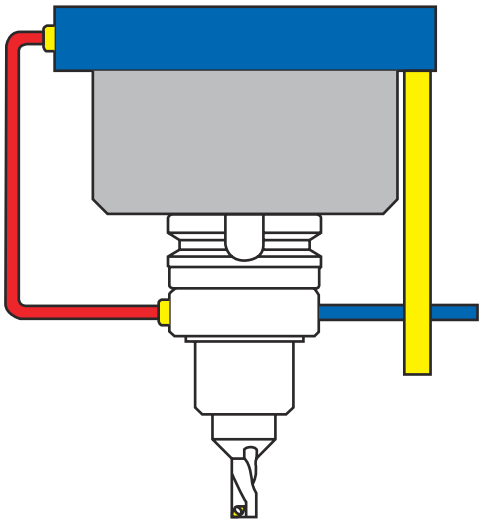
第二步：刀柄拧上1号限位杆



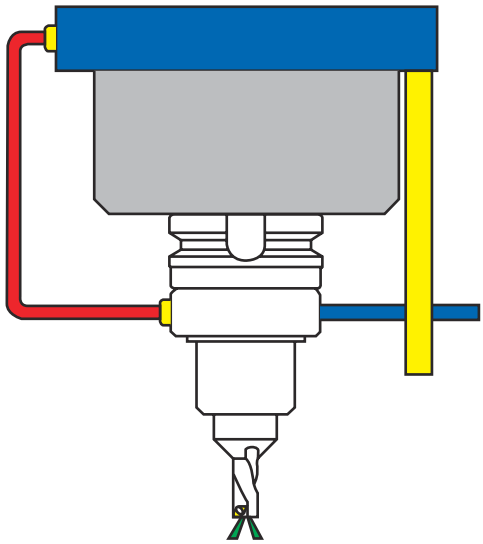
第三步：主轴端面拧上2号限位杆
（2号限位杆根据自家机床自配）



第四步：安装快速接口水管



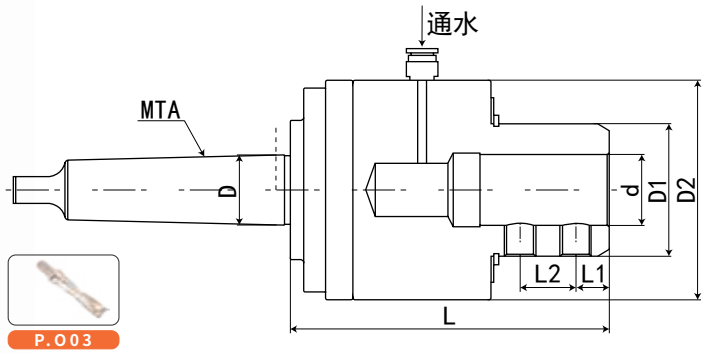
第五步：先通水，再转动主轴，就可以使用了，
（注意：在主轴转动过程中，不能中断供水）



MTA-OHS 油路刀柄（内置轴承）

MTA-OHS SIDE LOCK OIL HOLE HOLDER (BUILT IN BEARING)





P.003

规格 / 型号 Model	L	L1	L2	D	D1	D2	d
MTA4-OHS20	120	25	-	31.267	50	82	20
MTA4-OHS25	130	15	20	31.267	50	82	25
MTA4-OHS32	140	15	20	31.267	60	98	32
MTA4-OHS40	150	15	25	31.267	60	98	40

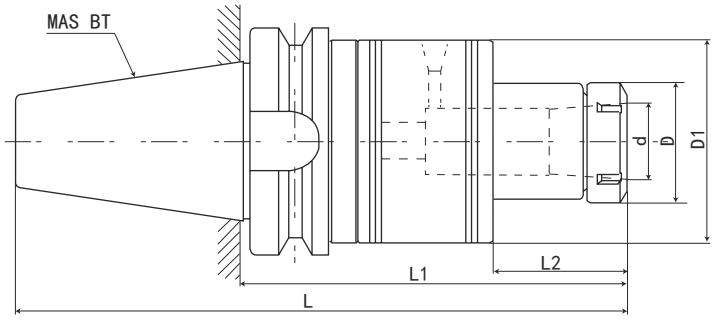
BT-OHER 油路刀柄（内置轴承）

BT-OHER SIDE LOCK OIL HOLE HOLDER (BUILT IN BEARING)



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规格 / 型号 Model	d	L	L1	L2	D	D1
BT40-OHER20-165	20	218.4	165	40	34	Φ82
BT40-OHER25-165	25	218.4	165	40	42	Φ82
BT40-OHER32-165	32	218.4	165	40	50	Φ82
BT40-OHER40-165	40	218.4	165	40	63	Φ82
BT50-OHER20-170	20	259.8	170	50	34	Φ82
BT50-OHER25-170	25	259.8	170	50	42	Φ82
BT50-OHER32-170	32	259.8	170	50	50	Φ82
BT50-OHER40-170	40	259.8	170	50	63	Φ82

数控刀柄系列 CNC TOOL SYSTEMS

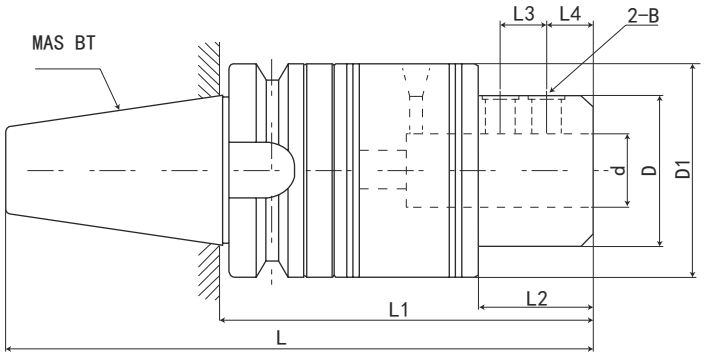
BT-OHS 新款油路刀柄（内置轴承） BT-OHS SIDE LOCK OIL HOLE HOLDER (BUILT IN BEARING)







P.003 P.129



规格 / 型号 Model	d	L	L1	L2	L3	L4	D	D1
BT40-OHS16-150	Φ16	215.4	150	36		25	Φ49.5	Φ82
BT40-OHS20-150	Φ20	215.4	150	36		25	Φ49.5	Φ82
BT40-OHS25-165	Φ25	230.4	165	51	20	15	Φ49.5	Φ82
BT40-OHS32-170	Φ32	235.4	170	52	20	15	Φ59.5	Φ98
BT50-OHS16-165	Φ16	266.8	165	36		25	Φ49.5	Φ82
BT50-OHS20-165	Φ20	266.8	165	36		25	Φ49.5	Φ82
BT50-OHS25-165	Φ25	266.8	165	52	20	15	Φ59.5	Φ98
BT50-OHS32-165	Φ32	266.8	165	52	20	15	Φ59.5	Φ98
BT50-OHS40-165	Φ40	266.8	165	52	25	15	Φ59.5	Φ98
BT50-OHS50-210	Φ50	311.8	210	95	25	35	Φ89.5	Φ123

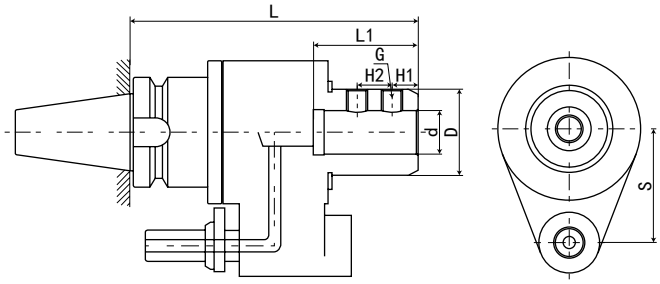
BT/OSL 可换式油路刀柄 BT/OSL INTERCHANGEABLE OIL CIRCUIT TOOL HOLDER







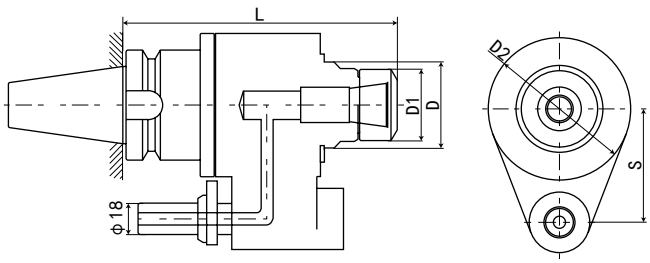
P.003 P.129



规格 / 型号 Model	d	D	L	L1	H1	H2	S	G	重量 KGS
BT30-OSL16-150	16	49	150	48	25	-	65	M12×1.75	
BT30-OSL20-150	20	49	150	50	25	-	65	M12×1.75	
BT30-OSL25-150	25	49	150	56	15	20	65	M16×2.0	
BT30-OSL32-150	32	49	150	60	15	20	65	M12×1.75	
BT40-OSL16-150	16	49	150	48	25	-	65	M12×1.75	4.3
BT40-OSL20-150	20	49	150	50	25	-	65	M12×1.75	4.2
BT40-OSL25-165	25	49	150	56	15	20	65	M16×2.0	4.1
BT40-OSL32-165	32	59	165	60	15	20	65	M16×2.0	5.6
BT50-OSL16-165	16	59	165	48	25	-	80	M12×1.75	8.2
BT50-OSL20-165	20	59	165	50	25	-	80	M12×1.75	8.1
BT50-OSL25-165	25	59	165	56	15	20	80	M16×2.0	7.9
BT50-OSL32-165	32	59	165	60	15	20	80	M16×2.0	7.7
BT50-OSL40-165	40	59	165	70	15	25	80	M14×2.0	7.5

BT/OSER 可换式油路刀柄 BT/OSER INTERCHANGEABLE OIL CIRCUIT TOOL HOLDER






P.I31


P.I06


P.I33

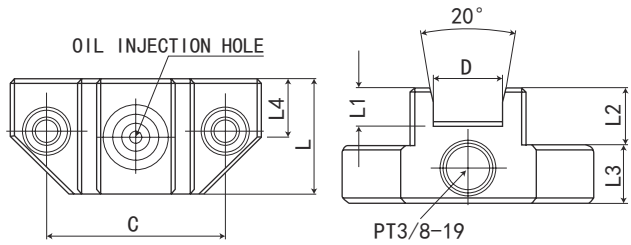

P.I29

规格 / 型号 Model	夹持范围	D	D1	D2	L	S	重量 KGS
BT30-OSER16-130	φ2-φ10	39.5	28	66	130	50	
BT30-OSER20-130	φ2-φ13	39.5	34	66	130	50	
BT30-OSER25-130	φ3-φ16	39.5	42	66	130	50	3.5
BT30-OSER32-130	φ3-φ20	40	50	66	130	50	3.8
BT40-OSER25-165	φ4-φ16	42	42	82	165	65	4
BT40-OSER32-165	φ4-φ20	49.5	50	82	165	65	4
BT40-OSER40-165	φ4-φ26	50	63	82	165	65	4.1
BT50-OSER25-170	φ4-φ16	42	42	98	170	80	7.1
BT50-OSER32-170	φ4-φ20	50	50	98	170	80	7.3
BT50-OSER40-170	φ4-φ26	59	63	98	170	80	7.2

ST-18 定位块 ST-18 FIXED BLOCK



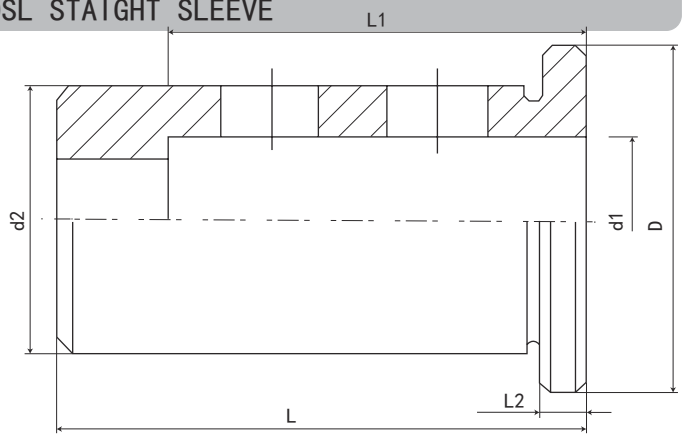
适用于油路刀把及角度头



规格 / 型号 Mode	D	L	L1	L2	L3	L4	C	重量 KGS
ST-18	18	27	9	18.1	17.2	18	46.2	0.29

BT/OSL 侧固油路刀把套筒 BT/OSL STAIGHT SLEEVE



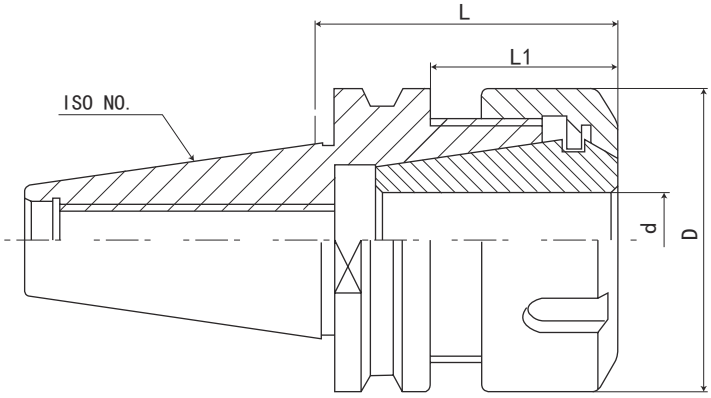


规格 / 型号 Mode d2-d1	D	L	L1	L2	重量 KGS	规格 / 型号 Mode d2-d1	D	L	L1	L2	重量 KGS
OSL-20-16	30	54	48	5.5	0.07	OSL-40-16	50	74	48	5.5	0.57
OSL-25-16	35	60	48	5.5	0.19	OSL-40-20	50	74	50	5.5	0.54
OSL-25-20	35	60	50	5.5	0.15	OSL-40-25	50	74	56	5.5	0.47
OSL-32-16	42	64	48	5.5	0.35	OSL-40-32	50	74	60	5.5	0.30
OSL-32-20	42	64	50	5.5	0.32						
OSL-32-25	42	64	56	5.5	0.22						

数控刀柄系列 CNC TOOL SYSTEMS

ISO-ER 筒夹刀柄 ISO-ER HIGH SPEED CHUCK






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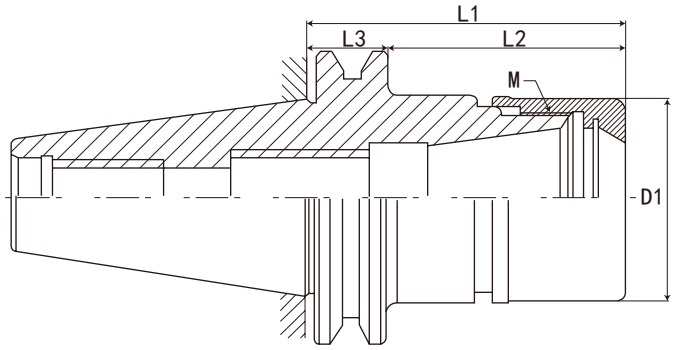

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径跳：5μm RUN-OUT:5μm
动平衡（BALANCING):G2.5 30000RPM

规 格 Model	L	L1	D	夹持范围 d Range	重量 KGS
ISO30-ER25-60	60	40	42	1-16mm	
ISO30-ER32-50	50	30	50	1-20mm	

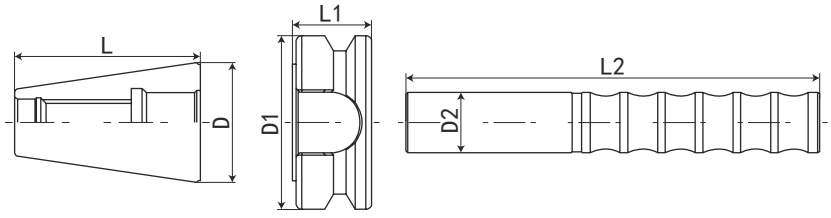




规 格 Model	L	L1	L2	L3	D1	M	夹持范围 d Range	重量 KGS
ISO30-ER16-60MS	108.4	60	38	22	22	M19*1.0P	1.0-10.0	
ISO30-ER20-60MS	108.4	60	38	22	22	M24*1.0P	1.0-13.0	

BT 三点组合校刀器 BT THREE-POINT COMBINED TOOL CALIBRATOR





规格 / 型号 Model	D	D1	D2	L	L1	L2
BT30-ATC	31.75	46	16	49.4	21	110
BT40-ATC	44.45	63	20	66.4	26	135
BT50-ATC	69.85	100	25	103.3	36.5	145

刀柄转换套 TOOL SYSTEMS TRANSFORMATION SET




P.129


P.130

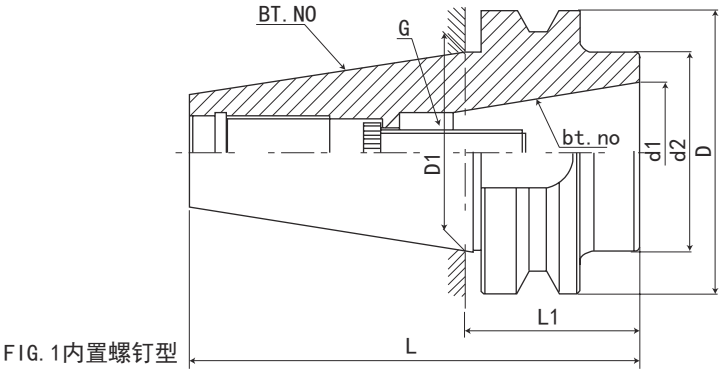


FIG. 1内置螺钉型

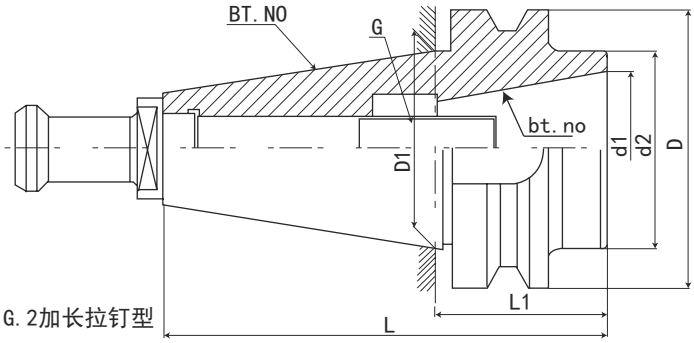
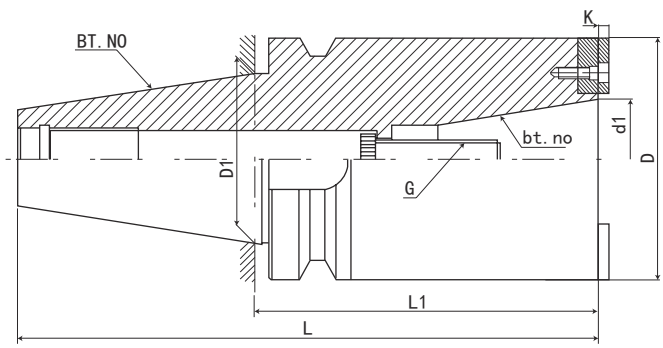


FIG. 2加长拉钉型

规格 / 型号 Model	BT.NO	bt.no	d1	d2	D	D1	L	L1	G	FIG
BT60-BT50-58(加长拉钉型)	BT60	BT50	69.85	135	155	107.95	220	58	M24	2
BT60-BT50-58(内置螺钉型)	BT60	BT50	69.85	135	155	107.95	220	58	M24	1
BT50-BT40-45（加长拉钉型）	BT50	BT40	44.45	90	100	69.85	150	45	M16	2
BT50-BT40-45（内置螺钉型）	BT50	BT40	44.45	90	100	69.85	150	45	M16	1
BT50-BT30-45（内置螺钉型）	BT50	BT30	31.75	75	100	69.85	150	45	M12	1
BT40-BT30-36（内置螺钉型）	BT40	BT30	31.75	62	63	44.45	102	36	M12	1
规格 / 型号 Model	SK.NO	sk.no	d1	d2	D	D1	L	L1	G	FIG
SK60-BT50-58(加长拉钉型)	SK60	BT50	69.85	135	155	107.95	220	58	M24	2
SK60-BT50-58(内置螺钉型)	SK60	BT50	69.85	135	155	107.95	220	58	M24	1
SK50-BT40-45（加长拉钉型）	SK50	BT40	44.45	90	97.5	69.85	150	45	M16	2
SK50-BT40-45（内置螺钉型）	SK50	BT40	44.45	90	97.5	69.85	150	45	M16	1




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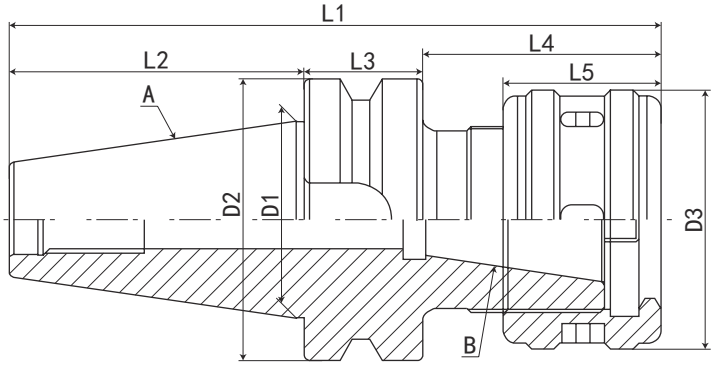


规格 / 型号 Model	BT.NO	bt.no	D	D1	d1	L	L1	G	K
BT40-BT40-80	BT40	BT40	68	44.45	44.45	145.4	80L	M16*2.0P	8
BT40-BT40-120	BT40	BT40	68	44.45	44.45	185.4	120L	M16*2.1P	8
BT40-BT40-150	BT40	BT40	68	44.45	44.45	215.4	150L	M16*2.2P	8
BT40-BT40-200	BT40	BT40	68	44.45	44.45	265.4	200L	M16*2.3P	8
BT50-BT50-120	BT50	BT50	103	69.85	69.85	221.8	120L	M24*3.0P	12
BT50-BT50-150	BT50	BT50	103	69.85	69.85	251.8	150L	M24*3.0P	12
BT50-BT50-200	BT50	BT50	103	69.85	69.85	301.8	200L	M24*3.0P	12
BT50-BT50-250	BT50	BT50	103	69.85	69.85	351.8	250L	M24*3.0P	12
BT50-BT50-300	BT50	BT50	103	69.85	69.85	401.8	300L	M24*3.0P	12
BT50-BT50-350	BT50	BT50	103	69.85	69.85	451.8	350L	M24*3.0P	12

BT 镗床快换转换套 BT BORING MACHINE QUICK CHANGE CONVERSION SLEEVE

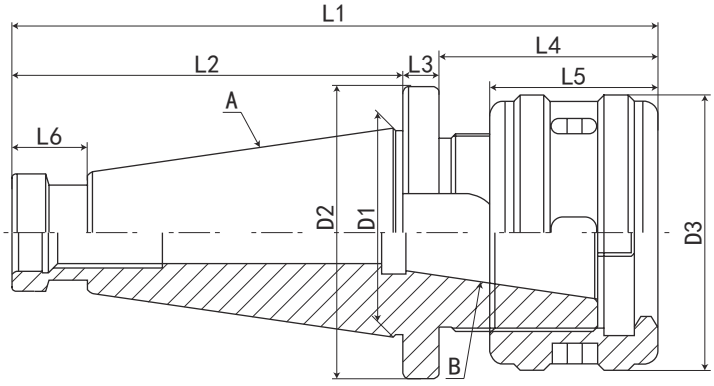


P.129



规格 / 型号 Model	A	B	D1	D2	D3	L1	L2	L3	L4	L5
BT50-BT50 快换	BT50	BT50	69.85	100	130	218.8	104.8	42	72	60
BT50-BT40 快换	BT50	BT40	69.85	100	92	231.8	104.8	42	85	56
BT60-BT40 快换	BT60	BT40	107.95	155	92	294.8	164.8	45	85	56
BT60-BT50 快换	BT60	BT50	107.95	155	130	300.8	164.8	45	91	60
SK60-BT50 快换	SK60	BT50	107.95	155	130	271.9	165	15.9	91	60

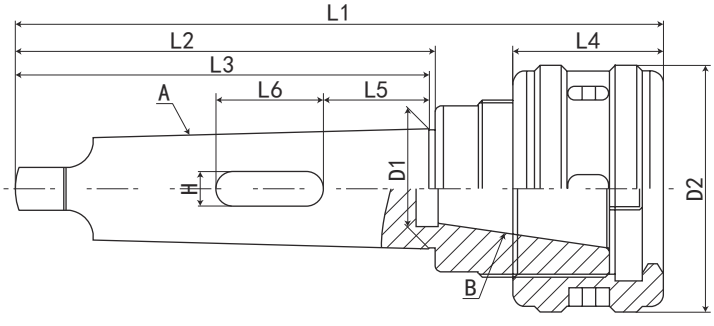
NT 镗床快换转换套 NT BORING MACHINE QUICK CHANGE CONVERSION SLEEVE



规格 / 型号 Model	A	B	D1	D2	D3	L1	L2	L3	L4	L5	L6
NT50-BT50 快换	NT50	BT50	69.85	97.5	130	221	130			60	25
NT50-BT40 快换	NT50	BT40	69.85	97.5	92	215	130	12	73	56	25

莫氏镗床快换转换套 MORSE BORING MACHINE QUICK CHANGE CONVERSION SLEEVE





规格 / 型号 Model	A	B	D1	D2	L1	L2	L3	L4	L5	L6	H
MT5-BT40 快换	MT5	BT40	44.399	92	241	156	149.5	56	35	40	13
MT6-BT40 快换	MT6	BT40	63.348	92	303	218	210	56	45	40	17
MT6-BT50 快换	MT6	BT50	63.348	130	347	218	210	62	45	40	17
公制 80-BT40 快换	公制 80	BT40	80	92	313	228	220	56	53	45	20
公制 80-BT50 快换	公制 80	BT50	80	130	307	228	220	62	53	45	20

BT40-HSK 转换套（内置螺丝） BT40-HSK CONVERSION SLEEVE(BUILT-IN SCREW)



FIG. 1

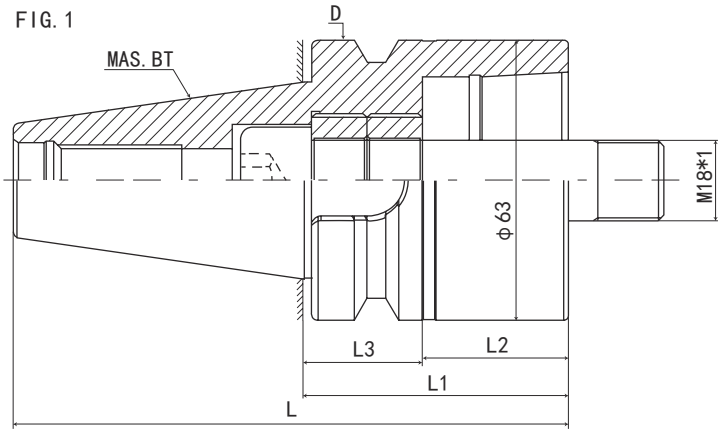
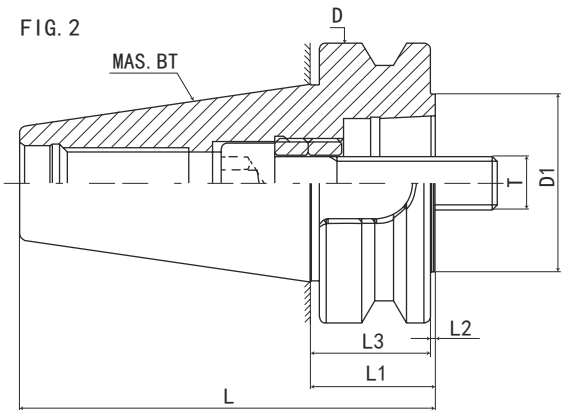




FIG. 2





P.129

规格 Model	L	L1	L2	L3	T	D	D1	FIG	重量 KGS
BT40-HSK63C-60S	125.4	60	33	27	M18*1	63	63	1	
BT40-HSK50C-30S	95.4	30	3	27	M16*1	63	50	2	
BT40-HSK40C-30S	95.4	30	3	27	M12*1	63	40	2	
BT40-HSK32C-30S	95.4	30	3	27	M10*1	63	32	2	

BT40 - HSK - 63C - 60 - S

- S → 内置螺丝 Built-in screw
- 60 → L1 长度 Length(L1)
- 63C → 接口大小 Collect model
- HSK → 功能代号 Holder type
- BT40 → 锥柄形式 Taper size

BT50-HSK 转换套（内置螺丝） BT50-HSK CONVERSION SLEEVE(BUILT-IN SCREW)



FIG. 1

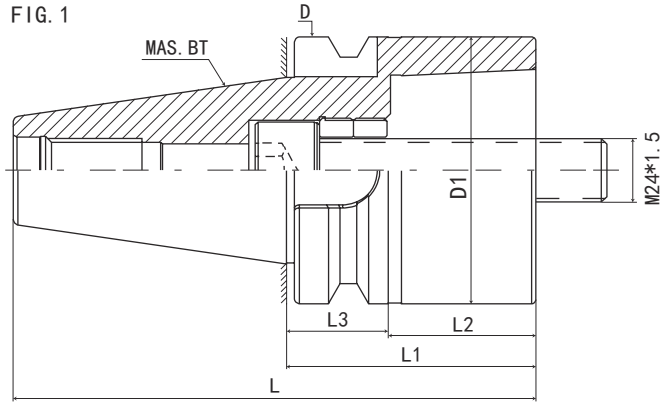


FIG. 2

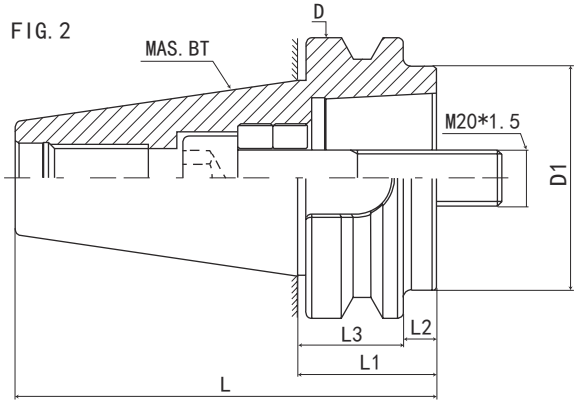
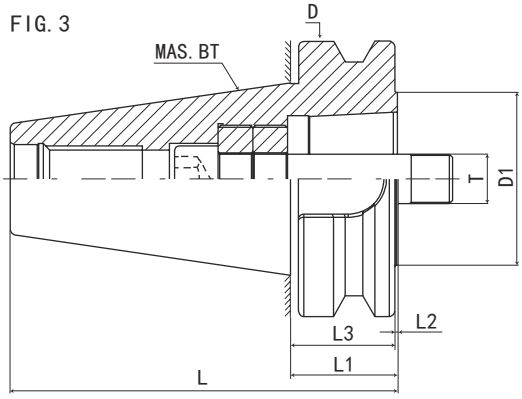




FIG. 3





P.129

规格 Model	L	L1	L2	L3	T	D	D1	FIG	重量 KGS
BT50-HSK100C-95S	196.8	95	57	38	M24*1.5	100	100	1	
BT50-HSK80C-50S	151.8	50	12	38	M20*1.5	100	80	2	
BT50-HSK63C-40S	141.8	40	2	38	M18*1	100	63	3	
BT50-HSK50C-40S	141.8	40	2	38	M16*1	100	50	3	
BT50-HSK40C-40S	141.8	40	2	38	M12*1	100	40	3	
BT50-HSK32C-40S	141.8	40	2	38	M10*1	100	32	3	

BT50 - HSK - 100C - 95 - S

- S → 内置螺丝 Built-in screw
- 95 → L1 长度 Length(L1)
- 100C → 接口大小 Collect model
- HSK → 功能代号 Holder type
- BT50 → 锥柄形式 Taper size

BT 转换套（内置夹紧单元） BT CONVERSION SLEEVE(CLAMPING CARTRIDGES)



FIG. 1

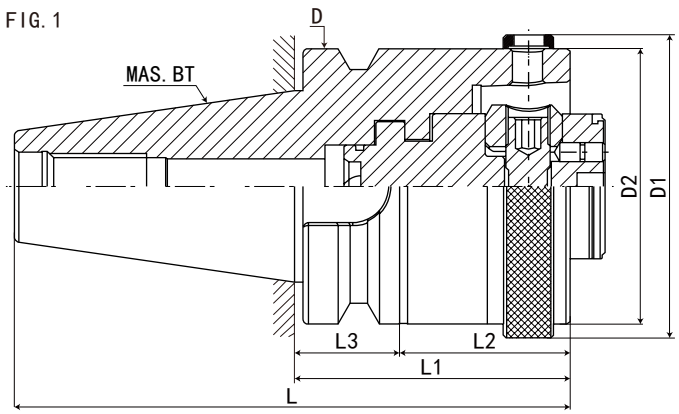
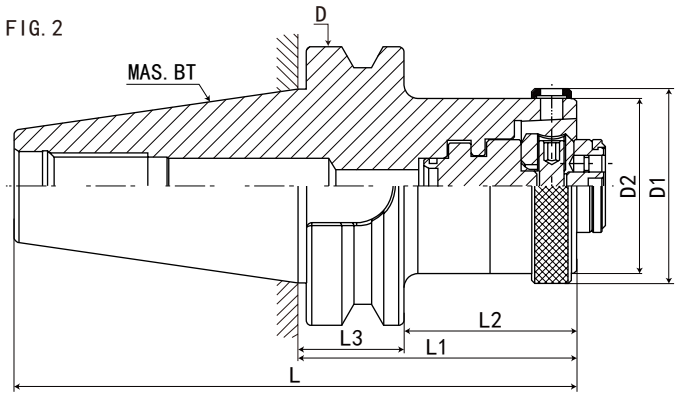




FIG. 2



规格	L	L1	L2	L3	D	D1	D2	FIG	重量
BT30-HSK32C-40C	88.4	40	18	22	46	37	32	2	0.8
BT30-HSK40C-40C	88.4	40	18	22	46	45	40	1	0.9
BT40-HSK32C-40C	105.4	40	13	27	63	37	32	2	1
BT40-HSK40C-40C	105.4	40	13	27	63	45	40	2	1.1
BT40-HSK50C-50C	115.4	50	23	27	63	55	50	2	1.2
BT40-HSK63C-70C	135.4	70	43	27	63	70	63	1	1.4
BT50-HSK32C-50C	151.8	50	12	38	100	37	32	2	3.5
BT50-HSK40C-50C	151.8	50	12	38	100	45	40	2	3.7
BT50-HSK50C-60C	161.8	60	22	38	100	55	50	2	3.8
BT50-HSK63C-60C	161.8	60	22	38	100	70	63	2	4
BT50-HSK80C-60C	161.8	60	22	38	100	87	80	2	5
BT50-HSK100C-90C	191.8	90	52	38	100	110	100	1	6

BT30 - HSK - 32C - 40 - C

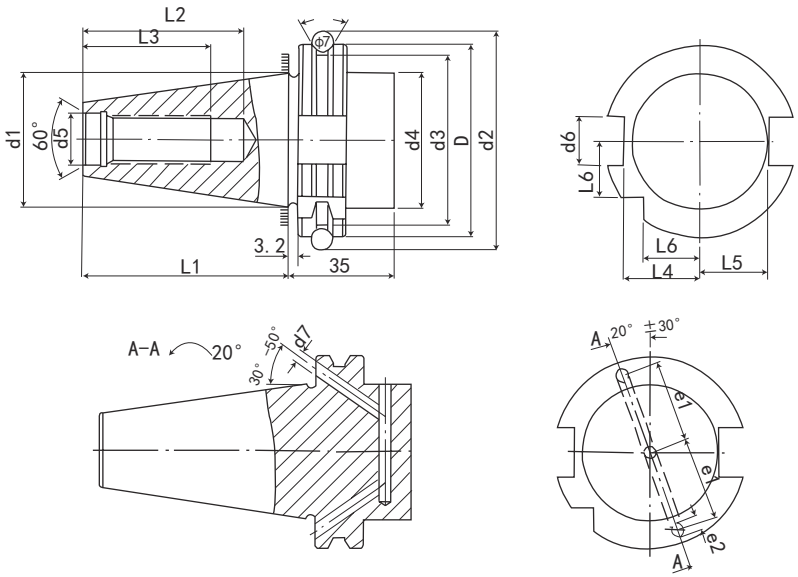
- C → 内置夹紧单元 Clamping cartridges
- 40 → L1 长 度 Length(L1)
- 32C → 接 口 大 小 Collect model
- HSK → 功 能 代 号 Holder type
- BT30 → 锥 柄 形 式 Taper size

SK/DAT

DIN 69871
PRECISION TOOL HOLDERS SYSTEM



SK/DAT数控刀柄系列
CNC TOOL SYSTEMS



规格 / 型号 Model	D 0 -0.4	d1	d2 ±0.05	d3 0 -0.5	d4 Max.	d5 H7	d6 H12	d7	L1 0 -0.3	L2 Min	L3 Min	L4 0 -0.4	L5 0 -0.5	L6 0 -0.3	e1 ±0.1	e2 Max.
SK30	50	31.75	59.30	44.30	45	13	16.1	4	47.8	33.5	24	19	15	21	21	5
SK40	63.55	44.45	72.30	56.25	50	17	16.1	4	68.4	42.5	32	25	18.5	27	27	5
SK50	97.50	69.85	107.25	91.25	80	25	25.7	6	101.75	61.5	47	37.7	30	42	42	7

特点：

◎锥度精度：<AT3
◎基本材质：JIS-SCM415
◎硬度：HRC56°渗碳深度 >0.8mm
◎真圆度：<0.8um
◎表面粗糙度：Ra<0.5um
◎刀柄本体可另外指定：通过 V 型法兰端出水规格（DIN-69871-AD+B）
◎ ER、FMA、FMB、MLT、SCK、SLN、SOM 皆符合：通过刀柄本体中心出水规格（DIN-69871-AD）
◎刀柄有预设标准动平衡 G6.3，可另外指定精密动平衡 G2.5
◎本体规范：DIN 69871

Features:

◎ Taper tolerance<AT3
◎ Basic Material:JIS-SCM415
◎ Hardness>HRC 56° Carbon depth>0.8mm
◎ Roundness<0.8um
◎ Surface roughness :Ra<0.5um
◎ If it is suitable for center coolant standard(DIN-69871-AD or B),it can be ordered
◎ ER、FMA、FMB、MLT、SCK、SLN、SOM all tally:Through cutter ber main body center water leakage specification(DIN-69871-AD)
◎ The shank has pre-balance at G6.3,and can provide percision balance at G2.5,made by request
◎ Shank body standard : DIN69871

SK30-PHC 液压刀柄 SK30-PHC HYDRAULIC TOOL HOLDER



FIG. 1

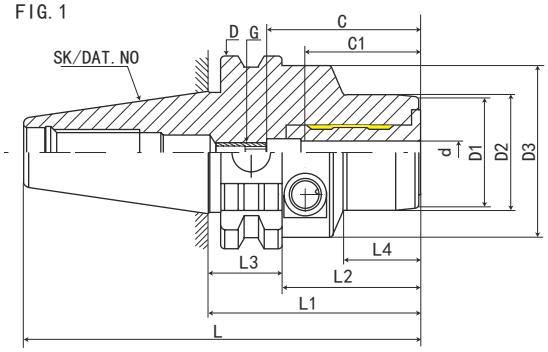
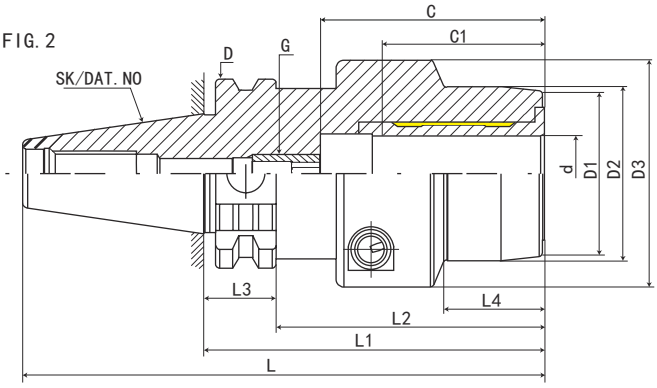


FIG. 2



型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	FIG	重量 KGS
SK30-PHC05-55	102.8	55	35.9	19.1	20	50	21	25	45	5	*	26	*	1	0.6
SK30-PHC06-55	102.8	55	35.9	19.1	20	50	22	26	45	6	37	27	M5*0.8P	1	0.6
SK30-PHC08-55	102.8	55	35.9	19.1	20	50	24	28	45	8	37	27	M6*1.0P	1	0.6
SK30-PHC10-55	102.8	55	35.9	19.1	21	50	26	30	45	10	41	31	M8*1.0P	1	0.6
SK30-PHC12-55	102.8	55	35.9	19.1	22	50	28	32	45	12	46	36	M10*1.0P	1	0.6
SK30-PHC14-90	137.8	90	70.9	19.1	42	50	30	34	45	14	46	36	M10*1.0P	1	0.7
SK30-PHC16-90	137.8	90	70.9	19.1	50	50	34	38	45	16	49	39	M10*1.0P	1	0.7
SK30-PHC18-90	137.8	90	70.9	19.1	50	50	36	40	45	18	49	39	M10*1.0P	1	0.7
SK30-PHC20-90	137.8	90	70.9	19.1	50	50	38	42	45	20	51	41	M10*1.0P	1	0.7
SK30-PHC25-115	157.8	110	95.9	19.1		50	53	57	63	25	57	47	M10*1.0P	2	1
SK30-PHC32-115	157.8	110	95.9	19.1		50	60	64	63	32	61	51	M10*1.0P	2	1

SK30 - PHC - 05 - 55

- 55 → L1 长 度 Length(L1)
- 05 → 刀 杆 直 径 Diameter
- PHC → 功 能 代 号 Holder type
- SK30 → 锥 柄 形 式 Taper size

SK40-PHC 液压刀柄 SK40-PHC HYDRAULIC TOOL HOLDER



FIG. 1

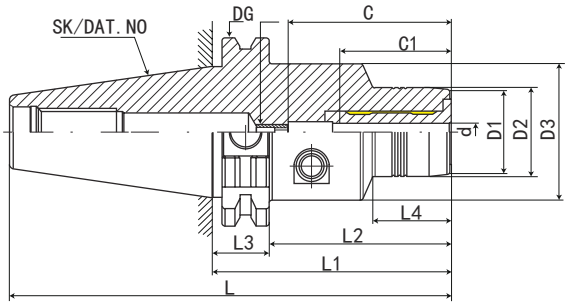
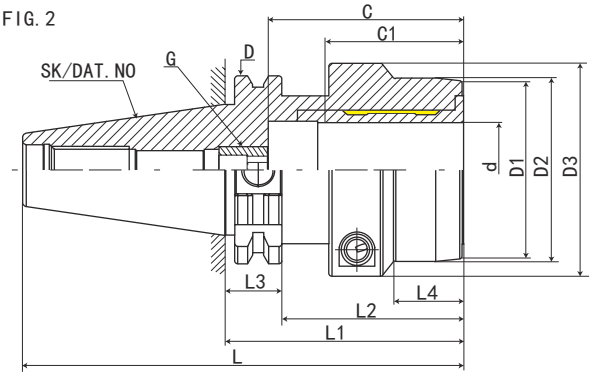


FIG. 2



型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	FIG	重量 KGS
SK40-PHC03-80.5	148.9	80.5	61.4	19.1	29.5	63.55	20	23	49.5	3	*	18	*	1	1.3
SK40-PHC3.175-80.5	148.9	80.5	61.4	19.1	29.5	63.55	20	23	49.5	3.175	*	18	*	1	1.3
SK40-PHC04-80.5	148.9	80.5	61.4	19.1	29.5	63.55	21	24	49.5	4	*	24	*	1	1.3
SK40-PHC05-80.5	148.9	80.5	61.4	19.1	29.5	63.55	21	25	49.5	5	*	26	*	1	1.3
SK40-PHC06-80.5	148.9	80.5	61.4	19.1	29.5	63.55	22	26	49.5	6	37	27	M5*0.8P	1	1.3
SK40-PHC08-80.5	148.9	80.5	61.4	19.1	30	63.55	24	28	49.5	8	37	27	M6*1.0P	1	1.3
SK40-PHC10-80.5	148.9	80.5	61.4	19.1	31	63.55	26	30	49.5	10	41	31	M8*1.0P	1	1.3
SK40-PHC12-80.5	148.9	80.5	61.4	19.1	31.5	63.55	28	32	49.5	12	46	36	M10*1.0P	1	1.3
SK40-PHC14-80.5	148.9	80.5	61.4	19.1	33	63.55	30	34	49.5	14	46	36	M10*1.0P	1	1.3
SK40-PHC16-80.5	148.9	80.5	61.4	19.1	33	63.55	34	38	49.5	16	49	39	M12*1.0P	1	1.3
SK40-PHC18-80.5	148.9	80.5	61.4	19.1	34	63.55	36	40	49.5	18	49	39	M12*1.0P	1	1.3
SK40-PHC20-80.5	148.9	80.5	61.4	19.1	34	63.55	38	42	49.5	20	51	41	M16*1.0P	1	1.3
SK40-PHC25-80.5	148.9	80.5	61.4	19.1	22	63.55	53	55	63	25	57	47	M16*1.0P	2	1.6
SK40-PHC32-80.5	148.9	80.5	61.4	19.1	25.5	63.55	60	63	70	32	61	51	M16*1.0P	2	1.7

SK40 - PHC - 03 - 80.5

- 80.5 → L1 长 度 — Length(L1)
- 03 → 刀 杆 直 径 — Diameter
- PHC → 功 能 代 号 — Holder type
- SK40 → 锥 柄 形 式 — Taper size

SK40-PHC 液压刀柄 SK40-PHC HYDRAULIC TOOL HOLDER



FIG. 1

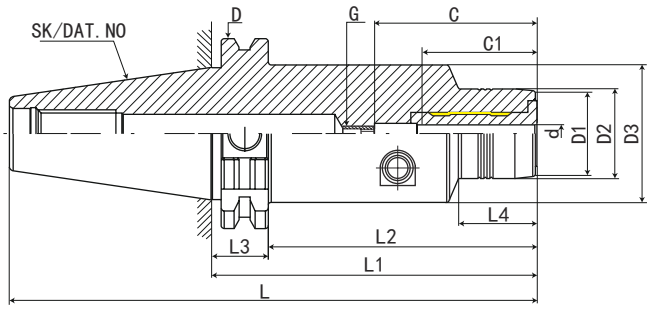
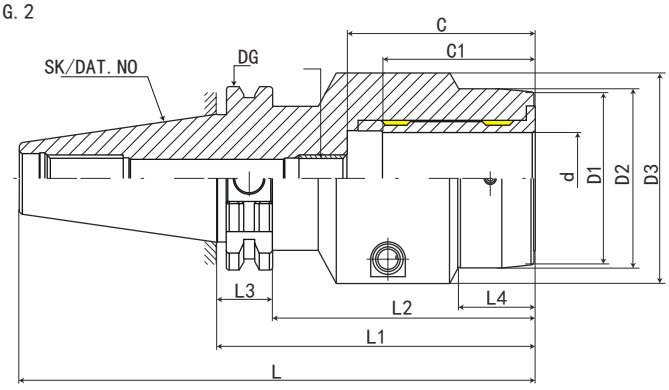


FIG. 2



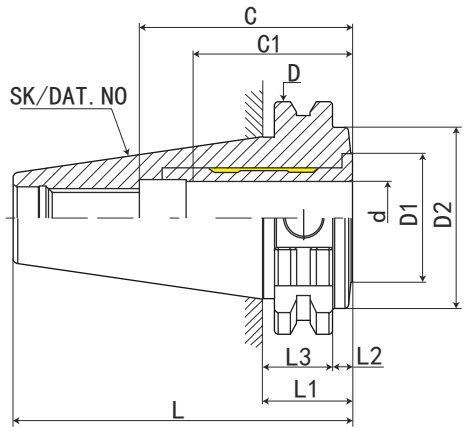
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	FIG	重量 KGS
SK40-PHC05-110	178.4	110	90.9	19.1	29.5	63.55	21	25	49.5	5	*	26	*	1	1.7
SK40-PHC06-110	178.4	110	90.9	19.1	29.5	63.55	22	26	49.5	6	37	27	M5*0.8P	1	1.7
SK40-PHC08-110	178.4	110	90.9	19.1	30	63.55	24	28	49.5	8	37	27	M6*1.0P	1	1.8
SK40-PHC10-110	178.4	110	90.9	19.1	31	63.55	26	30	49.5	10	41	31	M8*1.0P	1	1.8
SK40-PHC12-110	178.4	110	90.9	19.1	31.5	63.55	28	32	49.5	12	46	36	M10*1.0P	1	1.8
SK40-PHC14-110	178.4	110	90.9	19.1	33	63.55	30	34	49.5	14	46	36	M10*1.0P	1	1.8
SK40-PHC16-110	178.4	110	90.9	19.1	33	63.55	34	38	49.5	16	49	39	M12*1.0P	1	1.8
SK40-PHC18-110	178.4	110	90.9	19.1	34	63.55	36	40	49.5	18	49	39	M12*1.0P	1	1.9
SK40-PHC20-110	178.4	110	90.9	19.1	34	63.55	38	42	49.5	20	51	41	M16*1.0P	1	1.9
SK40-PHC25-110	178.4	110	90.9	19.1	22	63.55	53	55	63	25	57	47	M16*1.0P	2	2.3
SK40-PHC32-110	178.4	110	90.9	19.1	25.5	63.55	60	63	70	32	61	51	M16*1.0P	2	2.4

SK40 - PHC - 05 - 110

- 110 → L1 长 度 Length(L1)
- 05 → 刀 杆 直 径 Diameter
- PHC → 功 能 代 号 Holder type
- SK40 → 锥 柄 形 式 Taper size

SK40-PHC 液压刀柄 SK40-PHC HYDRAULIC TOOL HOLDER





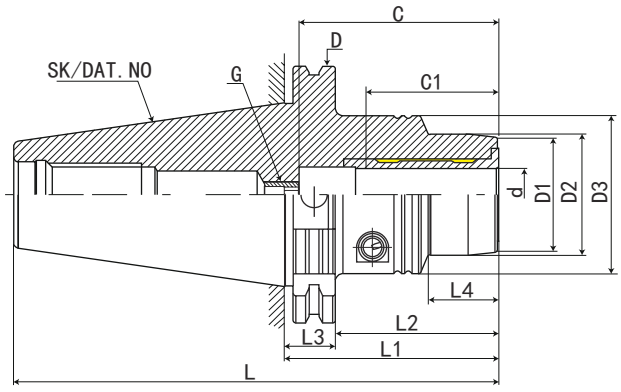
型号 Model	L	L1	L2	L3	D	D1	D2	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
SK40-PHC20-24.6	93	24.6	5.5	19.1	63.55	34	49.5	20	51	41	M16*1.0P	0.6

SK40 - PHC - 20 - 24.6

- L1 长度 — Length(L1)
- 刀杆直径 — Diameter
- 功能代号 — Holder type
- 锥柄形式 — Taper size

SK50-PHC 液压刀柄 SK50-PHC HYDRAULIC TOOL HOLDER





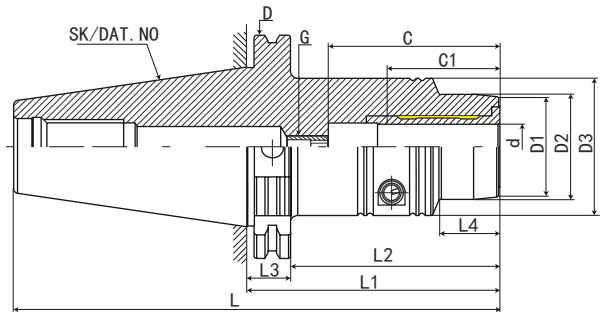
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
SK50-PHC05-80.5	182.25	80.5	61.4	19.1	29.5	97.5	21	25	49.5	5	*	26	*	3.2
SK50-PHC06-80.5	182.25	80.5	61.4	19.1	29.5	97.5	22	26	49.5	6	37	27	M5*0.8P	3.2
SK50-PHC08-80.5	182.25	80.5	61.4	19.1	30	97.5	24	28	49.5	8	37	27	M6*1.0P	3.3
SK50-PHC10-80.5	182.25	80.5	61.4	19.1	35	97.5	26	30	49.5	10	41	31	M8*1.0P	3.3
SK50-PHC12-80.5	182.25	80.5	61.4	19.1	40	97.5	28	32	49.5	12	46	36	M10*1.0P	3.3
SK50-PHC14-80.5	182.25	80.5	61.4	19.1	40	97.5	30	34	49.5	14	46	36	M10*1.0P	3.3
SK50-PHC16-80.5	182.25	80.5	61.4	19.1	45	97.5	34	38	49.5	16	49	39	M12*1.0P	3.3
SK50-PHC18-80.5	182.25	80.5	61.4	19.1	46	97.5	36	40	49.5	18	49	39	M12*1.0P	3.3
SK50-PHC20-80.5	182.25	80.5	61.4	19.1	42	97.5	38	42	49.5	20	51	41	M16*1.0P	3.3
SK50-PHC25-100	201.75	80.5	61.4	19.1	48	97.5	53	55	63	25	57	47	M16*1.0P	3.8
SK50-PHC32-100	201.75	80.5	61.4	19.1	61	97.5	60	63	70	32	61	51	M16*1.0P	4.2

SK50 - PHC - 05 - 80.5

- 80.5 → L1 长 度 — Length(L1)
- 05 → 刀 杆 直 径 — Diameter
- PHC → 功 能 代 号 — Holder type
- SK50 → 锥 柄 形 式 — Taper size

SK50-PHC 液压刀柄 SK50-PHC HYDRAULIC TOOL HOLDER





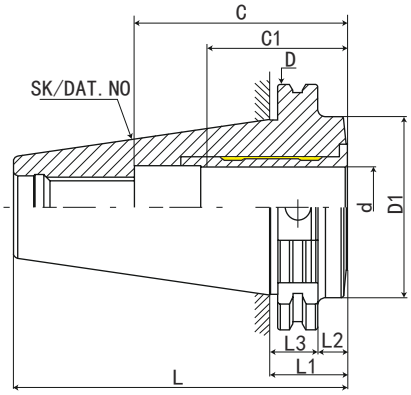
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
SK50-PHC05-110	211.75	110	90.9	19.1	29	97.5	21	25	49.5	5	*	26	*	2.5
SK50-PHC06-110	211.75	110	90.9	19.1	29	97.5	22	26	49.5	6	37	27	M5*0.8P	2.5
SK50-PHC08-110	211.75	110	90.9	19.1	30	97.5	24	28	49.5	8	37	27	M6*1.0P	3
SK50-PHC10-110	211.75	110	90.9	19.1	35	97.5	26	30	49.5	10	41	31	M8*1.0P	3
SK50-PHC12-110	211.75	110	90.9	19.1	40	97.5	28	32	49.5	12	46	36	M10*1.0P	5
SK50-PHC14-110	211.75	110	90.9	19.1	40	97.5	30	34	49.5	14	46	36	M10*1.0P	5
SK50-PHC16-110	211.75	110	90.9	19.1	45	97.5	34	38	49.5	16	49	39	M12*1.0P	5
SK50-PHC18-110	211.75	110	90.9	19.1	46	97.5	36	40	49.5	18	49	39	M12*1.0P	5
SK50-PHC20-110	211.75	110	90.9	19.1	42	97.5	38	42	49.5	20	51	41	M16*1.0P	8
SK50-PHC25-110	211.75	110	90.9	19.1	48	97.5	53	55	63	25	57	47	M16*1.0P	8
SK50-PHC32-110	211.75	110	90.9	19.1	61	97.5	60	63	70	32	61	51	M16*1.0P	8

SK50 - PHC - 05 - 110

- 110 → L1 长 度 Length(L1)
- 05 → 刀 杆 直 径 Diameter
- PHC → 功 能 代 号 Holder type
- SK50 → 锥 柄 形 式 Taper size

SK50-PHC 液压刀柄 SK50-PHC HYDRAULIC TOOL HOLDER





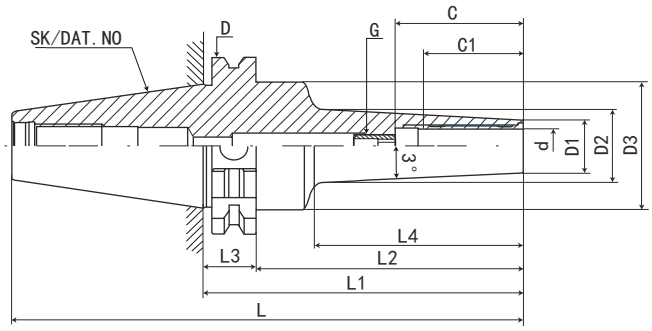
型号 Model	L	L1	L2	L3	D	D1	D2	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
SK50-PHC32-30.9	132.65	30.9	11.8	19.1	97.5	44.5	70.5	32	62.5	51	M16*1.0P	2.5

SK50 - PHC - 32 - 30.9

- L1 长 度 — Length(L1)
- 刀 杆 直 径 — Diameter
- 功 能 代 号 — Holder type
- 锥 柄 形 式 — Taper size

SK40-SPHC 液压刀柄 SK40-SPHC HYDRAULIC TOOL HOLDER





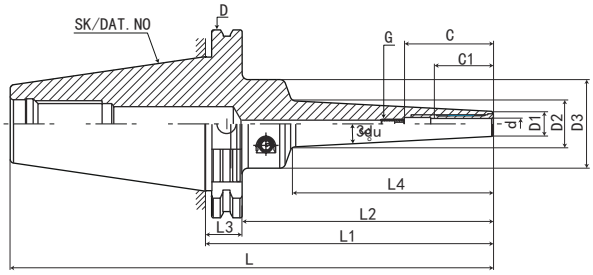
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
SK40-SPHC03-85	153.4	85	65.9	19.1	42	63.55	11		46	3	*	18	*	1.3
SK40-SPHC03-115	183.4	115	95.9	19.1	72	63.55	11		46	3	*	18	*	1.4
SK40-SPHC04-85	153.4	85	65.9	19.1	42	63.55	11		46	4	*	24	*	1.3
SK40-SPHC04-115	183.4	115	95.9	19.1	72	63.55	11		46	4	*	24	*	1.4
SK40-SPHC05-85	153.4	85	65.9	19.1	42	63.55	12		46	5	*	26	*	1.3
SK40-SPHC05-115	183.4	115	95.9	19.1	72	63.55	12		46	5	*	26	*	1.4
SK40-SPHC06-115	183.4	115	95.9	19.1	74	63.55	13		46	6	37	27	M5*0.8P	1.4
SK40-SPHC06-145	213.4	145	125.9	19.1	104	63.55	13		46	6	37	27	M5*0.8P	1.5
SK40-SPHC08-115	183.4	115	95.9	19.1	74	63.55	15		46	8	37	27	M6*1.0P	1.4
SK40-SPHC08-145	213.4	145	125.9	19.1	104	63.55	15		46	8	37	27	M6*1.0P	1.5
SK40-SPHC10-115	183.4	115	95.9	19.1	74	63.55	17		46	10	41	31	M8*1.0P	1.4
SK40-SPHC10-145	213.4	145	125.9	19.1	104	63.55	17		46	10	41	31	M8*1.0P	1.5
SK40-SPHC12-115	183.4	115	95.9	19.1	74	63.55	19		46	12	46	36	M10*1.0P	1.4
SK40-SPHC12-145	213.4	145	125.9	19.1	104	63.55	19		46	12	46	36	M10*1.0P	1.5
SK40-SPHC14-115	183.4	115	95.9	19.1	74	63.55	21		46	14	46	36	M10*1.0P	1.6
SK40-SPHC14-145	213.4	145	125.9	19.1	104	63.55	21		46	14	46	36	M10*1.0P	1.8
SK40-SPHC16-115	183.4	115	95.9	19.1	74	63.55	23		50	16	49	39	M12*1.0P	1.7
SK40-SPHC16-145	213.4	145	125.9	19.1	104	63.55	23		50	16	49	39	M12*1.0P	1.9
SK40-SPHC18-115	183.4	115	95.9	19.1	74	63.55	25		50	18	49	39	M12*1.0P	1.7
SK40-SPHC18-145	213.4	145	125.9	19.1	104	63.55	25		50	18	49	39	M12*1.0P	1.9
SK40-SPHC20-115	183.4	115	95.9	19.1	74	63.55	27		50	20	51	41	M16*1.0P	1.8
SK40-SPHC20-145	213.4	145	125.9	19.1	104	63.55	27		50	20	51	41	M16*1.0P	2

SK40 - SPHC - 03 - 85

- 85 → L1 长 度 Length(L1)
- 03 → 刀 杆 直 径 Diameter
- SPHC → 功 能 代 号 Holder type
- SK40 → 锥 柄 形 式 Taper size

SK50-SPHC 液压刀柄 SK50-SPHC HYDRAULIC TOOL HOLDER





型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
SK50-SPHC06-150	251.75	150	130.9	19.1	100	97.5	13		50	6	37	27	M5*0.8P	4.2
SK50-SPHC06-200	301.75	200	180.9	19.1	150	97.5	13		50	6	37	27	M5*0.8P	4.4
SK50-SPHC06-250	351.75	250	230.9	19.1	200	97.5	13		50	6	37	27	M5*0.8P	4.6
SK50-SPHC06-300	401.75	300	280.9	19.1	250	97.5	13		50	6	37	27	M5*0.8P	4.8
SK50-SPHC08-150	251.75	150	130.9	19.1	100	97.5	15		50	8	37	27	M6*1.0P	4.2
SK50-SPHC08-200	301.75	200	180.9	19.1	150	97.5	15		50	8	37	27	M6*1.0P	4.4
SK50-SPHC08-250	351.75	250	230.9	19.1	200	97.5	15		50	8	37	27	M6*1.0P	4.6
SK50-SPHC08-300	401.75	300	280.9	19.1	250	97.5	15		50	8	37	27	M6*1.0P	4.8
SK50-SPHC10-150	251.75	150	130.9	19.1	100	97.5	17		50	10	41	31	M8*1.0P	4.3
SK50-SPHC10-200	301.75	200	180.9	19.1	150	97.5	17		50	10	41	31	M8*1.0P	4.5
SK50-SPHC10-250	351.75	250	230.9	19.1	200	97.5	17		50	10	41	31	M8*1.0P	4.7
SK50-SPHC10-300	401.75	300	280.9	19.1	250	97.5	17		50	10	41	31	M8*1.0P	4.9
SK50-SPHC12-150	251.75	150	130.9	19.1	100	97.5	19		50	12	46	36	M10*1.0P	4.3
SK50-SPHC12-200	301.75	200	180.9	19.1	150	97.5	19		50	12	46	36	M10*1.0P	4.5
SK50-SPHC12-250	351.75	250	230.9	19.1	200	97.5	19		50	12	46	36	M10*1.0P	4.7
SK50-SPHC12-300	401.75	300	280.9	19.1	250	97.5	19		50	12	46	36	M10*1.0P	4.9
SK50-SPHC14-150	251.75	150	130.9	19.1	100	97.5	21		50	14	46	36	M10*1.0P	4.4
SK50-SPHC14-200	301.75	200	180.9	19.1	150	97.5	21		50	14	46	36	M10*1.0P	4.6
SK50-SPHC14-250	351.75	250	230.9	19.1	200	97.5	21		50	14	46	36	M10*1.0P	4.8
SK50-SPHC14-300	401.75	300	280.9	19.1	250	97.5	21		50	14	46	36	M10*1.0P	5
SK50-SPHC16-150	251.75	150	130.9	19.1	100	97.5	23		50	16	75	39	M12*1.0P	4.4
SK50-SPHC16-200	301.75	200	180.9	19.1	150	97.5	23		50	16	75	39	M12*1.0P	4.6
SK50-SPHC16-250	351.75	250	230.9	19.1	200	97.5	23		50	16	75	39	M12*1.0P	4.8
SK50-SPHC16-300	401.75	300	280.9	19.1	250	97.5	23		50	16	75	39	M12*1.0P	5
SK50-SPHC18-150	251.75	150	130.9	19.1	100	97.5	25		50	18	75	39	M12*1.0P	4.5
SK50-SPHC18-200	301.75	200	180.9	19.1	150	97.5	25		50	18	75	39	M12*1.0P	4.7
SK50-SPHC18-250	351.75	250	230.9	19.1	200	97.5	25		50	18	75	39	M12*1.0P	4.9
SK50-SPHC18-300	401.75	300	280.9	19.1	250	97.5	25		50	18	75	39	M12*1.0P	5.1
SK50-SPHC20-150	251.75	150	130.9	19.1	100	97.5	27		50	20	75	41	M16*1.0P	4.6
SK50-SPHC20-200	301.75	200	180.9	19.1	150	97.5	27		50	20	75	41	M16*1.0P	4.8
SK50-SPHC20-250	351.75	250	230.9	19.1	200	97.5	27		50	20	75	41	M16*1.0P	5
SK50-SPHC20-300	401.75	300	280.9	19.1	250	97.5	27		50	20	75	41	M16*1.0P	5.2

SK50 - SPHC - 06 - 150

- 150 → L1 长 度 Length(L1)
- 06 → 刀 杆 直 径 Diameter
- SPHC → 功 能 代 号 Holder type
- SK50 → 锥 柄 形 式 Taper size

SK40-ZPHC 调零液压刀柄 SK40-ZPHC ZERO FIT HYDRAULIC TOOL HOLDER



FIG. 1

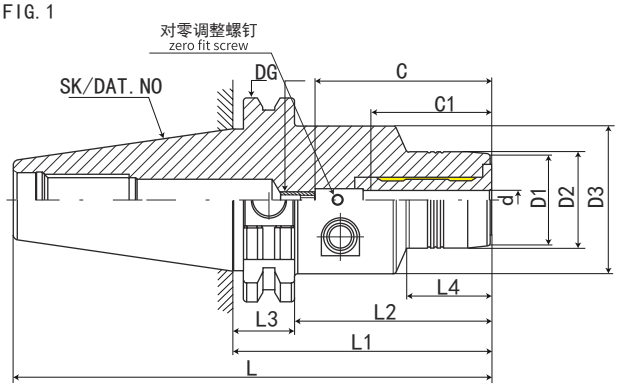
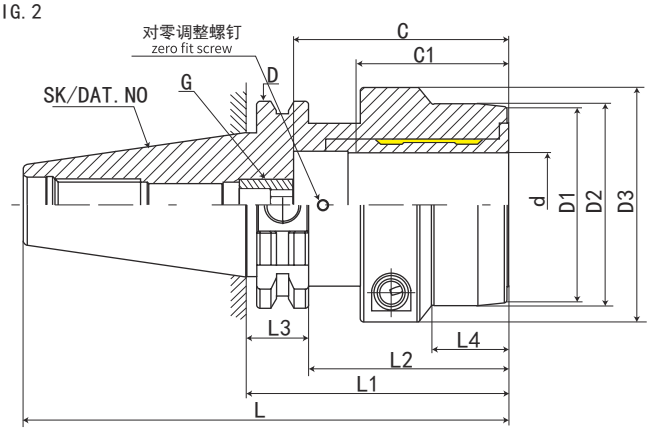


FIG. 2



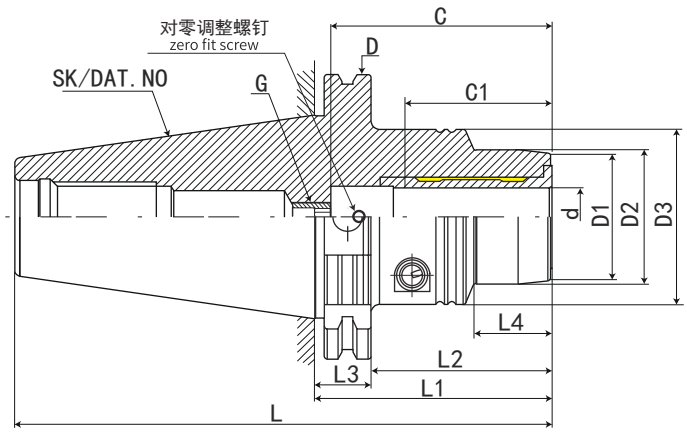
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	FIG	重量 KGS
SK40-ZPHC12-80.5	148.9	80.5	61.4	19.1	31.5	63.55	28	32	49.5	12	46	36	M10*1.0P	1	1.4
SK40-ZPHC16-80.5	148.9	80.5	61.4	19.1	33	63.55	34	38	49.5	16	49	39	M12*1.0P	1	1.4
SK40-ZPHC20-80.5	148.9	80.5	61.4	19.1	34	63.55	38	42	49.5	20	51	41	M16*1.0P	1	1.4
SK40-ZPHC32-80.5	148.9	80.5	61.4	19.1	25.5	63.55	60	63	80	32	61	51	M16*1.0P	2	2

SK40 - ZPHC - 12 - 80.5

- L1 长 度 Length(L1)
- 刀 杆 直 径 Diameter
- 功 能 代 号 Holder type
- 锥 柄 形 式 Taper size

SK50-ZPHC 调零液压刀柄 SK50-ZPHC ZERO FIT HYDRAULIC TOOL HOLDER





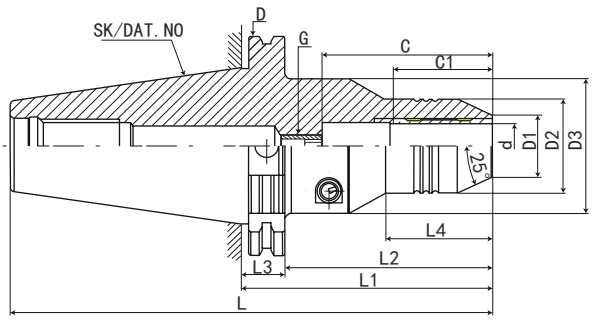
型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
SK50-ZPHC06-80.5	182.25	80.5	61.4	19.1	29.5	97.5	22	26	49.5	6	37	27	M5*0.8P	3.2
SK50-ZPHC08-80.5	182.25	80.5	61.4	19.1	30	97.5	24	28	49.5	8	37	27	M6*1.0P	3.3
SK50-ZPHC10-80.5	182.25	80.5	61.4	19.1	35	97.5	26	30	49.5	10	41	31	M8*1.0P	3.3
SK50-ZPHC12-80.5	182.25	80.5	61.4	19.1	40	97.5	28	32	49.5	12	46	36	M10*1.0P	3.3
SK50-ZPHC14-80.5	182.25	80.5	61.4	19.1	40	97.5	30	34	49.5	14	46	36	M10*1.0P	3.3
SK50-ZPHC16-80.5	182.25	80.5	61.4	19.1	45	97.5	34	38	49.5	16	49	39	M12*1.0P	3.3
SK50-ZPHC18-80.5	182.25	80.5	61.4	19.1	46	97.5	36	40	49.5	18	49	39	M12*1.0P	3.3
SK50-ZPHC20-80.5	182.25	80.5	61.4	19.1	42	97.5	38	42	49.5	20	51	41	M16*1.0P	3.3
SK50-ZPHC25- 100	201.75	80.5	61.4	19.1	48	97.5	53	55	63	25	57	47	M16*1.0P	3.8
SK50-ZPHC32- 100	201.75	80.5	61.4	19.1	61	97.5	60	63	70	32	61	51	M16*1.0P	4.2

SK50 - ZPHC - 06 - 80.5

- 80.5 → L1 长 度 Length(L1)
- 06 → 刀 杆 直 径 Diameter
- ZPHC → 功 能 代 号 Holder type
- SK50 → 锥 柄 形 式 Taper size

SK50-MPHC 液压刀柄 SK50-MPHC HYDRAULIC TOOL HOLDER





型号 Model	L	L1	L2	L3	L4	D	D1	D2	D3	d	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
SK50-MPHC05-110	211.75	110	90.9	19.1	55	97.5	13	31	60	5	*	26	*	3.6
SK50-MPHC06-110	211.75	110	90.9	19.1	55	97.5	14	32	60	6	43	27	M5*0.8P	3.6
SK50-MPHC08-110	211.75	110	90.9	19.1	55	97.5	16	33.5	60	8	43	27	M6*1.0P	3.6
SK50-MPHC10-110	211.75	110	90.9	19.1	55	97.5	18	35	60	10	43	31	M8*1.0P	3.6
SK50-MPHC12-110	211.75	110	90.9	19.1	55	97.5	20	36.5	60	12	50	36	M10*1.0P	3.6
SK50-MPHC14-110	211.75	110	90.9	19.1	60	97.5	22	38	60	14	50	36	M10*1.0P	3.7
SK50-MPHC16-110	211.75	110	90.9	19.1	60	97.5	24	39.5	60	16	53	39	M12*1.0P	3.7
SK50-MPHC18-110	211.75	110	90.9	19.1	60	97.5	27	41	60	18	53	39	M12*1.0P	3.8
SK50-MPHC20-110	211.75	110	90.9	19.1	60	97.5	28	42	70	20	95	41	M16*1.0P	3.8
SK50-MPHC25-110	211.75	110	90.9	19.1	60	97.5	30	44	70	25	95	47	M16*1.0P	3.9
SK50-MPHC32-110	211.75	110	90.9	19.1	60	97.5	40	54	70	32	95	51	M16*1.0P	4

SK50 - MPHC - 05 - 110

- 110 — L1 长 度 — Length(L1)
- 05 — 刀 杆 直 径 — Diameter
- MPHC — 功 能 代 号 — Holder type
- SK50 — 锥 柄 形 式 — Taper size

SK30-SF 热缩刀柄（4.5°标准型） SK30-SF SHRINK FIT TOOL HOLDER(4.5° STANDARD VERSION)



FIG. 1

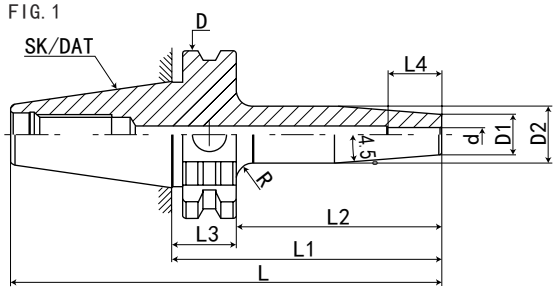
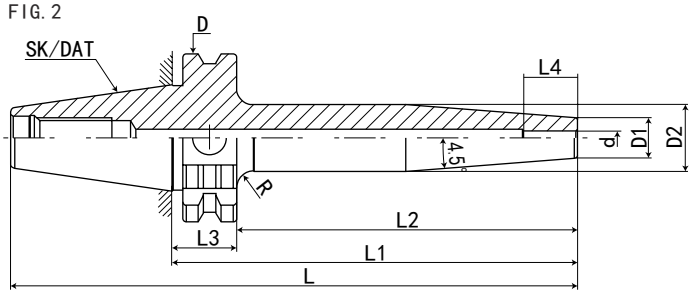




FIG. 2



规格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
SK30-SF03-80	127.8	80	60.9	19.1	12	50	12	17	3	5	1	0.6
SK30-SF03-120	167.8	120	100.9	19.1	12	50	12	20	3	5	2	0.8
SK30-SF04-80	127.8	80	60.9	19.1	16	50	12	17	4	5	1	0.6
SK30-SF04-120	167.8	120	100.9	19.1	16	50	12	20	4	5	2	0.8
SK30-SF05-80	127.8	80	60.9	19.1	18	50	12	17	5	5	1	0.6
SK30-SF05-120	167.8	120	100.9	19.1	18	50	12	20	5	5	2	0.8

SK30 - SF - 03 - 80

- 80 → L1 长 度 Length(L1)
- 03 → 刀 杆 直 径 Diameter
- SF → 功 能 代 号 Holder type
- SK30 → 锥 柄 形 式 Taper size

SK30-SF 热缩刀柄（4.5°标准型） SK30-SF SHRINK FIT TOOL HOLDER(4.5° STANDARD VERSION)



FIG. 1

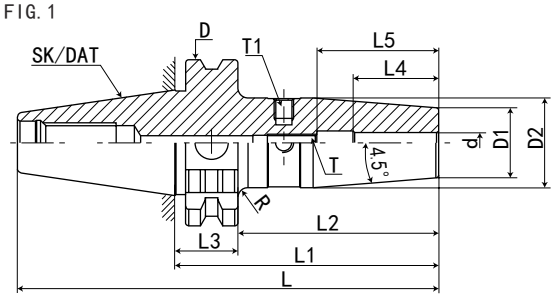
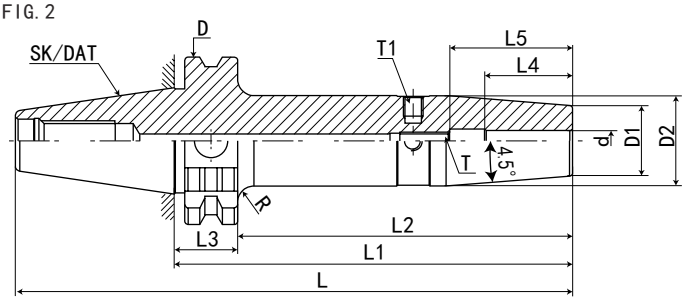




FIG. 2



规格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	T1	R	FIG	重量 KGS
SK30-SF06-80	127.8	80	60.9	19.1	26	36	50	21	27	6	M5*0.8P	M6*1.0P	3	1	0.6
SK30-SF06-120	167.8	120	100.9	19.1	26	36	50	21	27	6	M5*0.8P	M6*1.0P	5	2	0.8
SK30-SF08-80	127.8	80	60.9	19.1	26	36	50	21	27	8	M6*1.0P	M6*1.0P	3	1	0.65
SK30-SF08-120	167.8	120	100.9	19.1	26	36	50	21	27	8	M6*1.0P	M6*1.0P	5	2	0.85
SK30-SF10-80	127.8	80	60.9	19.1	32	42	50	24	32	10	M8*1.0P	M6*1.0P	1	1	0.7
SK30-SF10-120	167.8	120	100.9	19.1	32	42	50	24	32	10	M8*1.0P	M6*1.0P	4	2	0.9
SK30-SF12-80	127.8	80	60.9	19.1	37	47	50	24	32	12	M10*1.0P	M6*1.0P	1	1	0.7
SK30-SF12-120	167.8	120	100.9	19.1	37	47	50	24	32	12	M10*1.0P	M6*1.0P	4	2	0.9
SK30-SF14-80	127.8	80	60.9	19.1	37	47	50	27	34	14	M10*1.0P	M6*1.0P	1	1	0.75
SK30-SF14-120	167.8	120	100.9	19.1	37	47	50	27	34	14	M10*1.0P	M6*1.0P	3	2	0.95
SK30-SF16-80	127.8	80	60.9	19.1	40	50	50	27	34	16	M12*1.0P	M6*1.0P	1	1	0.75
SK30-SF16-120	167.8	120	100.9	19.1	40	50	50	27	34	16	M12*1.0P	M6*1.0P	3	2	0.95
SK30-SF18-80	127.8	80	60.9	19.1	40	50	50	33	42	18	M12*1.0P	M6*1.0P	1	1	0.8
SK30-SF18-120	167.8	120	100.9	19.1	40	50	50	33	42	18	M12*1.0P	M6*1.0P	1	2	1
SK30-SF20-80	127.8	80	60.9	19.1	42	52	50	33	42	20	M16*1.0P	M6*1.0P	1	1	0.8
SK30-SF20-120	167.8	120	100.9	19.1	42	52	50	33	42	20	M16*1.0P	M6*1.0P	1	2	1

SK30 - SF - 06 - 80

- 80 → L1 长 度 Length(L1)
- 06 → 刀 杆 直 径 Diameter
- SF → 功 能 代 号 Holder type
- SK30 → 锥 柄 形 式 Taper size

SK40-SF 热缩刀柄（4.5°标准型） SK40-SF SHRINK FIT TOOL HOLDER(4.5° STANDARD VERSION)



FIG. 1

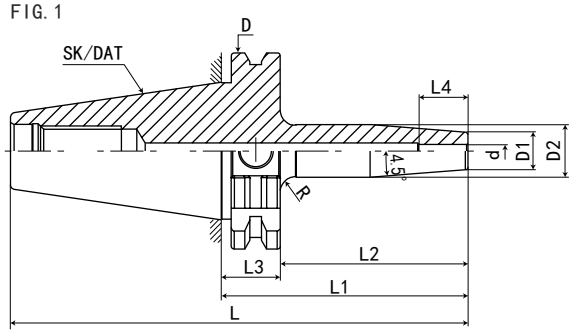
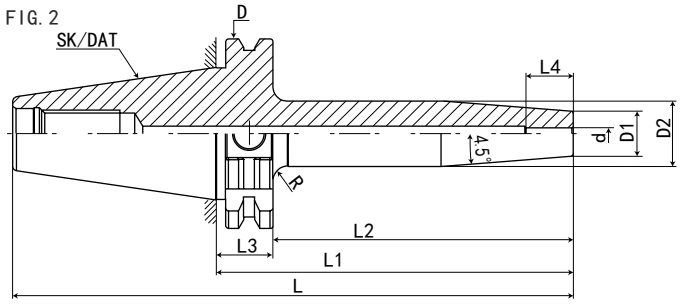




FIG. 2



规 格 Mode	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
SK40-SF03-80	148.4	80	60.9	19.1	12	63.55	12	17	3	5	1	1
SK40-SF03-120	188.4	120	100.9	19.1	12	63.55	12	20	3	5	2	1.1
SK40-SF03-160	228.4	160	140.9	19.1	12	63.55	12	20	3	5	2	1.2
SK40-SF04-80	148.4	80	60.9	19.1	16	63.55	12	17	4	5	1	1
SK40-SF04-120	188.4	120	100.9	19.1	16	63.55	15	22	4	5	2	1.1
SK40-SF04-160	228.4	160	140.9	19.1	16	63.55	15	22	4	5	2	1.2
SK40-SF05-80	148.4	80	60.9	19.1	18	63.55	12	17	5	5	1	1
SK40-SF05-120	188.4	120	100.9	19.1	18	63.55	15	22	5	5	2	1.1
SK40-SF05-160	228.4	160	140.9	19.1	18	63.55	15	22	5	5	2	1.2

SK40 - SF - 03 - 80

- 80 → L1 长 度 Length(L1)
- 03 → 刀 杆 直 径 Diameter
- SF → 功 能 代 号 Holder type
- SK40 → 锥 柄 形 式 Taper size

SK40-SF 热缩刀柄（4.5°标准型）

SK40-SF SHRINK FIT TOOL HOLDER(4.5° STANDARD VERSION)







FIG. 1

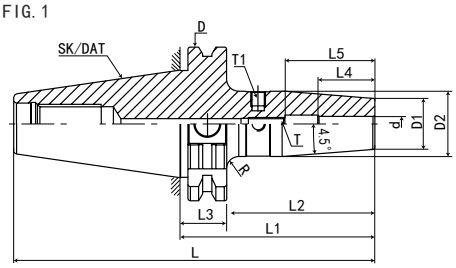


FIG. 2

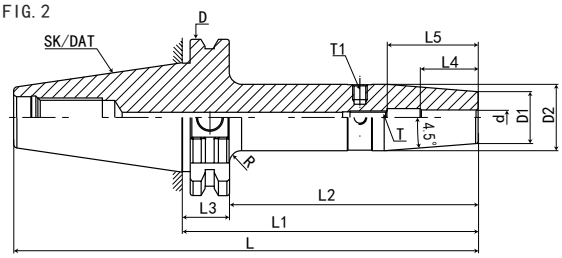
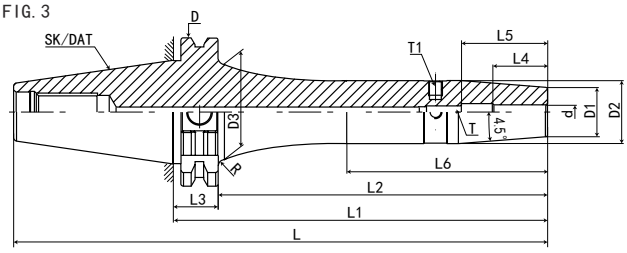


FIG. 3



规格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
SK40-SF06-80	148.4	80	60.9	19.1	26	36	-	63.55	21	27	-	6	M5*0.8P	M6*1.0P	5	1	1.2
SK40-SF06-120	188.4	120	100.9	19.1	26	36	-	63.55	21	27	-	6	M5*0.8P	M6*1.0P	10	2	1.5
SK40-SF06-160	228.4	160	140.9	19.1	26	36	78	63.55	21	27	41	6	M5*0.8P	M6*1.0P	5	3	1.8
SK40-SF06-200	268.4	200	180.9	19.1	26	36	118	63.55	21	27	41	6	M5*0.8P	M6*1.0P	5	3	2.2
SK40-SF08-80	148.4	80	60.9	19.1	26	36	-	63.55	21	27	-	8	M6*1.0P	M6*1.0P	5	1	1.2
SK40-SF08-120	188.4	120	100.9	19.1	26	36	-	63.55	21	27	-	8	M6*1.0P	M6*1.0P	10	2	1.5
SK40-SF08-160	228.4	160	140.9	19.1	26	36	78	63.55	21	27	41	8	M6*1.0P	M6*1.0P	5	3	1.8
SK40-SF08-200	268.4	200	180.9	19.1	26	36	118	63.55	21	27	41	8	M6*1.0P	M6*1.0P	5	3	2.2
SK40-SF10-80	148.4	80	60.9	19.1	32	42	-	63.55	24	32	-	10	M8*1.0P	M6*1.0P	2	1	1.3
SK40-SF10-120	188.4	120	100.9	19.1	32	42	-	63.55	24	32	-	10	M8*1.0P	M6*1.0P	10	2	1.6
SK40-SF10-160	228.4	160	140.9	19.1	32	42	78	63.55	24	32	40	10	M8*1.0P	M6*1.0P	5	3	1.9
SK40-SF10-200	268.4	200	180.9	19.1	32	42	118	63.55	24	32	40	10	M8*1.0P	M6*1.0P	5	3	2.3
SK40-SF12-80	148.4	80	60.9	19.1	37	47	-	63.55	24	32	-	12	M10*1.0P	M6*1.0P	2	1	1.3
SK40-SF12-120	188.4	120	100.9	19.1	37	47	-	63.55	24	32	-	12	M10*1.0P	M6*1.0P	10	2	1.6
SK40-SF12-160	228.4	160	140.9	19.1	37	47	78	63.55	24	32	40	12	M10*1.0P	M6*1.0P	5	3	1.9
SK40-SF12-200	268.4	200	180.9	19.1	37	47	118	63.55	24	32	40	12	M10*1.0P	M6*1.0P	5	3	2.3
SK40-SF14-80	148.4	80	60.9	19.1	37	47	-	63.55	27	34	-	14	M10*1.0P	M6*1.0P	4	1	1.3
SK40-SF14-120	188.4	120	100.9	19.1	37	47	-	63.55	27	34	-	14	M10*1.0P	M6*1.0P	10	2	1.6
SK40-SF14-160	228.4	160	140.9	19.1	37	47	78	63.55	27	34	42	14	M10*1.0P	M6*1.0P	3	3	1.9
SK40-SF14-200	268.4	200	180.9	19.1	37	47	118	63.55	27	34	42	14	M10*1.0P	M6*1.0P	3	3	2.3

SK40 - SF - 06 - 80

- 80 → L1 长 度 — Length(L1)
- 06 → 刀 杆 直 径 — Diameter
- SF → 功 能 代 号 — Holder type
- SK40 → 锥 柄 形 式 — Taper size

SK40-SF 热缩刀柄（4.5°标准型） SK40-SF SHRINK FIT TOOL HOLDER(4.5° STANDARD VERSION)







FIG. 1

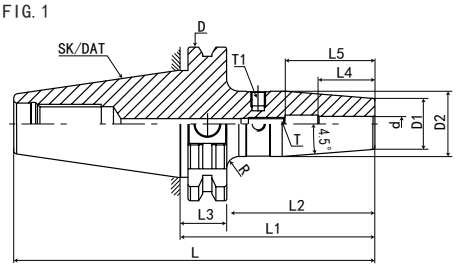


FIG. 2

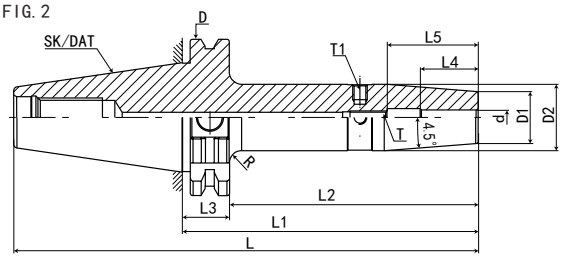
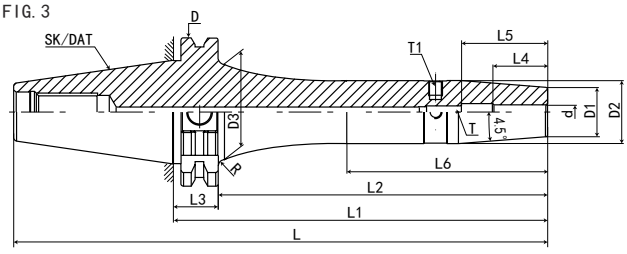


FIG. 3



规格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
SK40-SF16-80	148.4	80	60.9	19.1	40	50	-	63.55	27	34	-	16	M12*1.0P	M6*1.0P	3	1	1.3
SK40-SF16-120	188.4	120	100.9	19.1	40	50	-	63.55	27	34	-	16	M12*1.0P	M6*1.0P	10	2	1.6
SK40-SF16-160	228.4	160	140.9	19.1	40	50	78	63.55	27	34	42	16	M12*1.0P	M6*1.0P	3	3	1.9
SK40-SF16-200	268.4	200	180.9	19.1	40	50	118	63.55	27	34	42	16	M12*1.0P	M6*1.0P	3	3	2.3
SK40-SF18-80	148.4	80	60.9	19.1	40	50	-	63.55	33	42	-	18	M12*1.0P	M6*1.0P	2	1	1.4
SK40-SF18-120	188.4	120	100.9	19.1	40	50	-	63.55	33	42	-	18	M12*1.0P	M6*1.0P	5	2	1.8
SK40-SF18-160	228.4	160	140.9	19.1	40	50	-	63.55	33	42	-	18	M12*1.0P	M6*1.0P	5	2	2.1
SK40-SF18-200	268.4	200	180.9	19.1	40	50	-	63.55	33	42	-	18	M12*1.0P	M6*1.0P	5	2	2.4
SK40-SF20-80	148.4	80	60.9	19.1	42	52	-	63.55	33	42	-	20	M16*1.0P	M6*1.0P	2	1	1.4
SK40-SF20-120	188.4	120	100.9	19.1	42	52	-	63.55	33	42	-	20	M16*1.0P	M6*1.0P	5	2	1.8
SK40-SF20-160	228.4	160	140.9	19.1	42	52	-	63.55	33	42	-	20	M16*1.0P	M6*1.0P	5	2	2.1
SK40-SF20-200	268.4	200	180.9	19.1	42	52	-	63.55	33	42	-	20	M16*1.0P	M6*1.0P	5	2	2.4
SK40-SF25-100	168.4	100	80.9	19.1	48	58	-	63.55	44	53	-	25	M16*1.0P	M6*1.0P	2	1	2.1
SK40-SF25-120	188.4	120	100.9	19.1	48	58	-	63.55	44	53	-	25	M16*1.0P	M6*1.0P	2	2	2.3
SK40-SF25-160	228.4	160	140.9	19.1	48	58	-	63.55	44	53	-	25	M16*1.0P	M6*1.0P	2	2	2.6
SK40-SF25-200	268.4	200	180.9	19.1	48	58	-	63.55	44	53	-	25	M16*1.0P	M6*1.0P	2	2	3.1
SK40-SF32-100	168.4	100	80.9	19.1	52	62	-	63.55	44	53	-	32	M16*1.0P	M6*1.0P	2	1	2.1
SK40-SF32-120	188.4	120	100.9	19.1	52	62	-	63.55	44	53	-	32	M16*1.0P	M6*1.0P	2	2	2.3
SK40-SF32-160	228.4	160	140.9	19.1	52	62	-	63.55	44	53	-	32	M16*1.0P	M6*1.0P	2	2	2.6
SK40-SF32-200	268.4	200	180.9	19.1	52	62	-	63.55	44	53	-	32	M16*1.0P	M6*1.0P	2	2	3.1

SK40 - SF - 16 - 80

- 80 → L1 长 度 Length(L1)
- 16 → 刀 杆 直 径 Diameter
- SF → 功 能 代 号 Holder type
- SK40 → 锥 柄 形 式 Taper size

SK50-SF 热缩刀柄（4.5°标准型）SK50-SF SHRINK FIT TOOL HOLDER(4.5° STANDARD VERSION)





FIG. 1

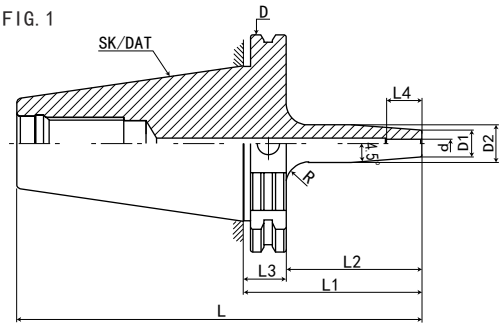
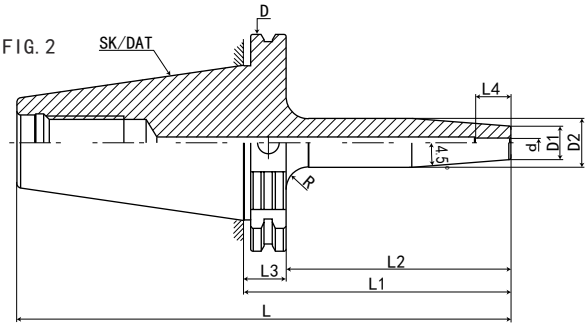


FIG. 2



规 格 Mode	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
SK50-SF03-80	181.75	80	60.9	19.1	12	97.5	12	17	3	5	1	2.8
SK50-SF03-120	221.75	120	100.9	19.1	12	97.5	12	20	3	5	2	2.9
SK50-SF03-160	261.75	160	140.9	19.1	12	97.5	12	20	3	5	2	3
SK50-SF04-80	181.75	80	60.9	19.1	16	97.5	12	17	4	5	1	2.8
SK50-SF04-120	221.75	120	100.9	19.1	16	97.5	15	22	4	5	2	2.9
SK50-SF04-160	261.75	160	140.9	19.1	16	97.5	15	22	4	5	2	3
SK50-SF05-80	181.75	80	60.9	19.1	18	97.5	12	17	5	5	1	2.8
SK50-SF05-120	221.75	120	100.9	19.1	18	97.5	15	22	5	5	2	2.9
SK50-SF05-160	261.75	160	140.9	19.1	18	97.5	15	22	5	5	2	3

SK50 - SF - 03 - 80

- 80 → L1 长 度 — Length(L1)
- 03 → 刀 杆 直 径 — Diameter
- SF → 功 能 代 号 — Holder type
- SK50 → 锥 柄 形 式 — Taper size

SK50-SF 热缩刀柄（4.5°标准型） SK50-SF SHRINK FIT TOOL HOLDER(4.5° STANDARD VERSION)







FIG. 1

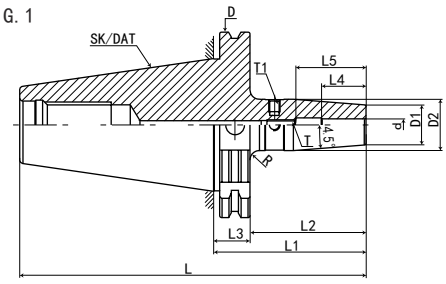


FIG. 2

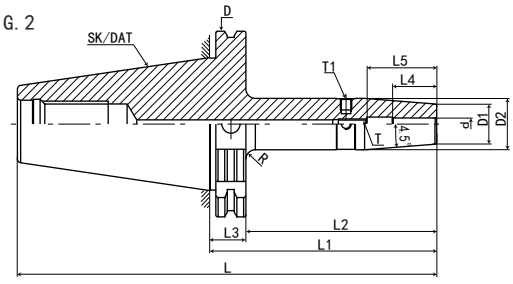
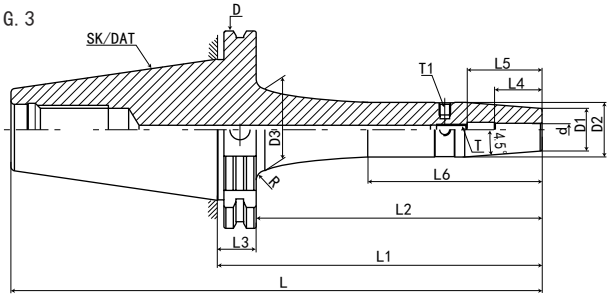


FIG. 3



规格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	FIG	重量 KGS
SK50-SF06-80	181.75	80	60.9	19.1	26	36		97.5	21	27	-	6	M5*0.8P	M6*1.0P	1	2.8
SK50-SF06-120	221.75	120	100.9	19.1	26	36		97.5	21	27	-	6	M5*0.8P	M6*1.0P	2	2.9
SK50-SF06-160	261.75	160	140.9	19.1	26	36	78	97.5	21	27	41	6	M5*0.8P	M6*1.0P	3	3
SK50-SF06-200	301.75	200	180.9	19.1	26	36	118	97.5	21	27	41	6	M5*0.8P	M6*1.0P	3	3.1
SK50-SF08-80	181.75	80	60.9	19.1	26	36		97.5	21	27	-	8	M6*1.0P	M6*1.0P	1	2.8
SK50-SF08-120	221.75	120	100.9	19.1	26	36		97.5	21	27	-	8	M6*1.0P	M6*1.0P	2	2.9
SK50-SF08-160	261.75	160	140.9	19.1	26	36	78	97.5	21	27	41	8	M6*1.0P	M6*1.0P	3	3
SK50-SF08-200	301.75	200	180.9	19.1	26	36	118	97.5	21	27	41	8	M6*1.0P	M6*1.0P	3	3.1
SK50-SF10-80	181.75	80	60.9	19.1	32	42		97.5	24	32	-	10	M8*1.0P	M6*1.0P	1	2.8
SK50-SF10-120	221.75	120	100.9	19.1	32	42		97.5	24	32	-	10	M8*1.0P	M6*1.0P	2	2.9
SK50-SF10-160	261.75	160	140.9	19.1	32	42	78	97.5	24	32	40	10	M8*1.0P	M6*1.0P	3	3
SK50-SF10-200	301.75	200	180.9	19.1	32	42	118	97.5	24	32	40	10	M8*1.0P	M6*1.0P	3	3.1
SK50-SF12-80	181.75	80	60.9	19.1	37	47		97.5	24	32	-	12	M10*1.0P	M6*1.0P	1	2.9
SK50-SF12-120	221.75	120	100.9	19.1	37	47		97.5	24	32	-	12	M10*1.0P	M6*1.0P	2	3
SK50-SF12-160	261.75	160	140.9	19.1	37	47	78	97.5	24	32	40	12	M10*1.0P	M6*1.0P	3	3.1
SK50-SF12-200	301.75	200	180.9	19.1	37	47	118	97.5	24	32	40	12	M10*1.0P	M6*1.0P	3	3.2
SK50-SF14-80	181.75	80	60.9	19.1	37	47		97.5	27	34	-	14	M10*1.0P	M6*1.0P	1	2.9
SK50-SF14-120	221.75	120	100.9	19.1	37	47		97.5	27	34	-	14	M10*1.0P	M6*1.0P	2	3
SK50-SF14-160	261.75	160	140.9	19.1	37	47	78	97.5	27	34	42	14	M10*1.0P	M6*1.0P	3	3.1
SK50-SF14-200	301.75	200	180.9	19.1	37	47	118	97.5	27	34	42	14	M10*1.0P	M6*1.0P	3	3.2

SK50-SF 热缩刀柄（4.5°标准型）

SK50-SF SHRINK FIT TOOL HOLDER(4.5° STANDARD VERSION)







FIG. 1

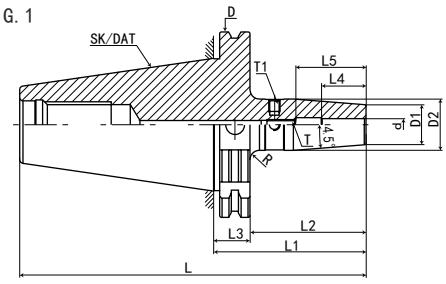


FIG. 2

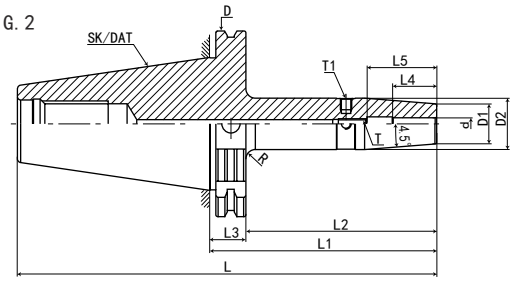
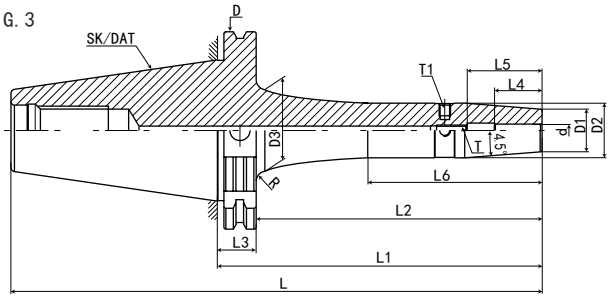


FIG. 3



规格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	FIG	重量 KGS
SK50-SF16-80	181.75	80	60.9	19.1	40	50		97.5	27	34	-	16	M12*1.0P	M6*1.0P	1	3.1
SK50-SF16-120	221.75	120	100.9	19.1	40	50		97.5	27	34	-	16	M12*1.0P	M6*1.0P	2	3.3
SK50-SF16-160	261.75	160	140.9	19.1	40	50	78	97.5	27	34	42	16	M12*1.0P	M6*1.0P	3	3.5
SK50-SF16-200	301.75	200	180.9	19.1	40	50	118	97.5	27	34	42	16	M12*1.0P	M6*1.0P	3	3.7
SK50-SF18-80	181.75	80	60.9	19.1	40	50		97.5	33	42	-	18	M12*1.0P	M6*1.0P	1	3.1
SK50-SF18-120	221.75	120	100.9	19.1	40	50		97.5	33	42	-	18	M12*1.0P	M6*1.0P	2	3.3
SK50-SF18-160	261.75	160	140.9	19.1	40	50		97.5	33	42		18	M12*1.0P	M6*1.0P	3	3.5
SK50-SF18-200	301.75	200	180.9	19.1	40	50		97.5	33	42		18	M12*1.0P	M6*1.0P	3	3.7
SK50-SF20-80	181.75	80	60.9	19.1	42	52		97.5	33	42	-	20	M16*1.0P	M6*1.0P	1	3.3
SK50-SF20-120	221.75	120	100.9	19.1	42	52		97.5	33	42	-	20	M16*1.0P	M6*1.0P	2	3.5
SK50-SF20-160	261.75	160	140.9	19.1	42	52		97.5	33	42		20	M16*1.0P	M6*1.0P	3	3.7
SK50-SF20-200	301.75	200	180.9	19.1	42	52		97.5	33	42		20	M16*1.0P	M6*1.0P	3	3.9
SK50-SF25-100	201.75	100	80.9	19.1	48	58		97.5	44	53	-	25	M16*1.0P	M6*1.0P	1	3.3
SK50-SF25-120	221.75	120	100.9	19.1	48	58		97.5	44	53	-	25	M16*1.0P	M6*1.0P	2	3.5
SK50-SF25-160	261.75	160	140.9	19.1	48	58		97.5	44	53		25	M16*1.0P	M6*1.0P	3	3.7
SK50-SF25-200	301.75	200	180.9	19.1	48	58		97.5	44	53		25	M16*1.0P	M6*1.0P	3	3.9
SK50-SF32-100	201.75	100	80.9	19.1	52	62		97.5	44	53	-	32	M16*1.0P	M6*1.0P	1	3.4
SK50-SF32-120	221.75	120	100.9	19.1	52	62		97.5	44	53	-	32	M16*1.0P	M6*1.0P	2	3.6
SK50-SF32-160	261.75	160	140.9	19.1	52	62		97.5	44	53		32	M16*1.0P	M6*1.0P	3	3.8
SK50-SF32-200	301.75	200	180.9	19.1	52	62		97.5	44	53		32	M16*1.0P	M6*1.0P	3	4

SK30-SFS 热缩刀柄（3细长型） SK30-SFS SHRINK FIT TOOL HOLDER (3° SLENDER TYPE)

FIG. 1



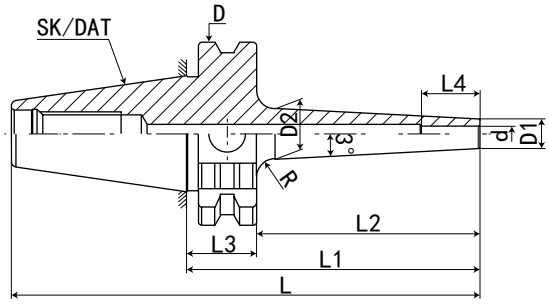
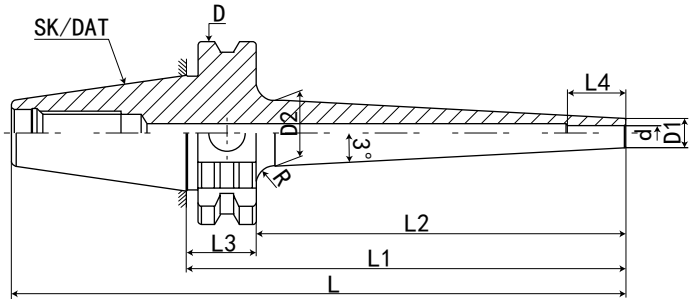


FIG. 2





规 格 Mode	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
SK30-SFS03-80	127.8	80	60.9	19.1	12	50	7	13	3	5	1	0.6
SK30-SFS03-120	167.8	120	100.9	19.1	12	50	7	17	3	5	2	0.9
SK30-SFS04-80	127.8	80	60.9	19.1	16	50	8	14	4	5	1	0.6
SK30-SFS04-120	167.8	120	100.9	19.1	16	50	8	18	4	5	2	0.9
SK30-SFS05-80	127.8	80	60.9	19.1	18	50	9	15	5	5	1	0.6
SK30-SFS05-120	167.8	120	100.9	19.1	18	50	9	19	5	5	2	0.9

SK30 - SFS - 03 - 80

- 80 → L1 长 度 Length(L1)
- 03 → 刀 杆 直 径 Diameter
- SFS → 功 能 代 号 Holder type
- SK30 → 锥 柄 形 式 Taper size

SK30-SFS 热缩刀柄（3细长型）

SK30-SFS SHRINK FIT TOOL HOLDER (3° SLENDER TYPE)



FIG. 1

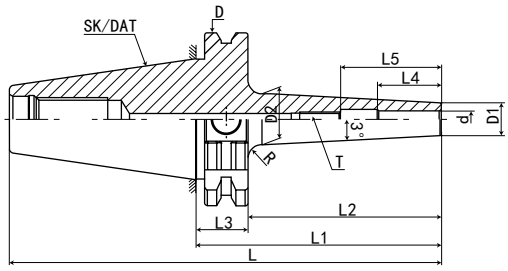
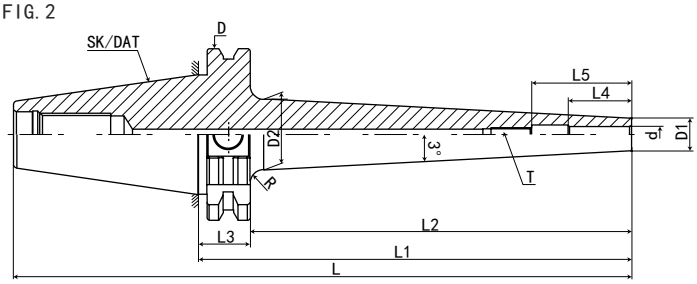




FIG. 2



规格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R	FIG	重量 KGS
SK30-SFS06-80	127.8	80	60.9	19.1	26	36	50	10	16	6	M5*0.8P	5	1	0.7
SK30-SFS06-120	167.8	120	100.9	19.1	26	36	50	10	20	6	M5*0.8P	5	2	1
SK30-SFS08-80	127.8	80	60.9	19.1	26	36	50	12	16	8	M6*1.0P	5	1	0.7
SK30-SFS08-120	167.8	120	100.9	19.1	26	36	50	12	20	8	M6*1.0P	5	2	1
SK30-SFS10-80	127.8	80	60.9	19.1	32	42	50	14	16	10	M8*1.0P	5	1	0.8
SK30-SFS10-120	167.8	120	100.9	19.1	32	42	50	14	20	10	M8*1.0P	5	2	1.1
SK30-SFS12-80	127.8	80	60.9	19.1	37	47	50	16	16	12	M10*1.0P	5	1	0.8
SK30-SFS12-120	167.8	120	100.9	19.1	37	47	50	16	20	12	M10*1.0P	5	2	1.1
SK30-SFS14-80	127.8	80	60.9	19.1	37	47	50	20	26	14	M10*1.0P	5	1	1
SK30-SFS14-120	167.8	120	100.9	19.1	37	47	50	20	29	14	M10*1.0P	5	2	1.2
SK30-SFS16-80	127.8	80	60.9	19.1	40	50	50	22	28	16	M12*1.0P	5	1	1
SK30-SFS16-120	167.8	120	100.9	19.1	40	50	50	22	31	16	M12*1.0P	5	2	1.2

SK30 - SFS - 06 - 80

- 80 → L1 长 度 — Length(L1)
- 06 → 刀 杆 直 径 — Diameter
- SFS → 功 能 代 号 — Holder type
- SK30 → 锥 柄 形 式 — Taper size

SK40-SFS 热缩刀柄（3细长型） SK40-SFS SHRINK FIT TOOL HOLDER (3° SLENDER TYPE)



FIG. 1

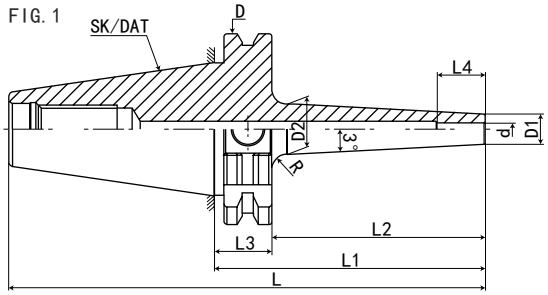
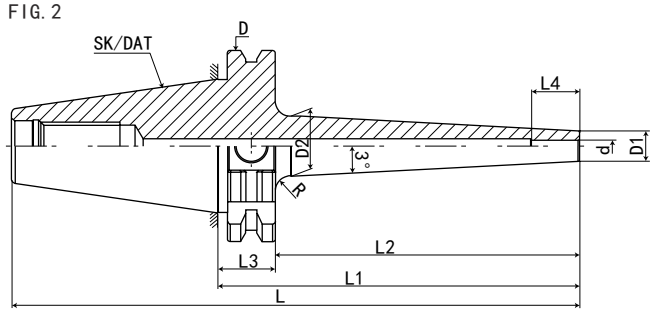




FIG. 2



规 格 Mode	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
SK40-SFS03-90	158.4	90	70.9	19.1	12	63.55	9	15	3	5	1	1
SK40-SFS03-120	188.4	120	100.9	19.1	12	63.55	9	16	3	5	2	1.1
SK40-SFS03-160	228.4	160	140.9	19.1	12	63.55	9	19	3	5	2	1.2
SK40-SFS03-200	268.4	200	180.9	19.1	12	63.55	9	22	3	5	2	1.3
SK40-SFS04-90	158.4	90	70.9	19.1	16	63.55	10	16	4	5	1	1
SK40-SFS04-120	188.4	120	100.9	19.1	16	63.55	10	17	4	5	2	1.1
SK40-SFS04-160	228.4	160	140.9	19.1	16	63.55	10	20	4	5	2	1.2
SK40-SFS04-200	268.4	200	180.9	19.1	16	63.55	10	23	4	5	2	1.3
SK40-SFS05-90	158.4	90	70.9	19.1	18	63.55	11	17	5	5	1	1
SK40-SFS05-120	188.4	120	100.9	19.1	18	63.55	11	18	5	5	2	1.1
SK40-SFS05-160	228.4	160	140.9	19.1	18	63.55	11	21	5	5	2	1.2
SK40-SFS05-200	268.4	200	180.9	19.1	18	63.55	11	24	5	5	2	1.3

SK40 - SFS - 03 - 90

- 90 → L1 长 度 Length(L1)
- 03 → 刀 杆 直 径 Diameter
- SFS → 功 能 代 号 Holder type
- SK40 → 锥 柄 形 式 Taper size

SK40-SFS 热缩刀柄（3细长型）

SK40-SFS SHRINK FIT TOOL HOLDER (3° SLENDER TYPE)



FIG. 1

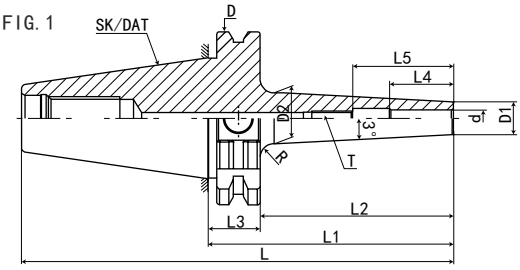
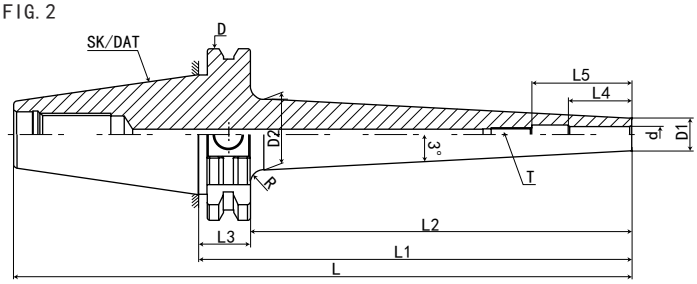




FIG. 2



规格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R	FIG	重量 KGS
SK40-SFS06-90	158.4	90	70.9	19.1	26	36	63.55	12	18	6	M5*0.8P	10	1	1.1
SK40-SFS06-120	188.4	120	100.9	19.1	26	36	63.55	12	21	6	M5*0.8P	10	2	1.2
SK40-SFS06-160	228.4	160	140.9	19.1	26	36	63.55	12	24	6	M5*0.8P	10	2	1.3
SK40-SFS06-200	268.4	200	180.9	19.1	26	36	63.55	12	27	6	M5*0.8P	10	2	1.4
SK40-SFS08-90	158.4	90	70.9	19.1	26	36	63.55	14	20	8	M6*1.0P	10	1	1.1
SK40-SFS08-120	188.4	120	100.9	19.1	26	36	63.55	14	23	8	M6*1.0P	10	2	1.2
SK40-SFS08-160	228.4	160	140.9	19.1	26	36	63.55	14	26	8	M6*1.0P	10	2	1.3
SK40-SFS08-200	268.4	200	180.9	19.1	26	36	63.55	14	29	8	M6*1.0P	10	2	1.4
SK40-SFS10-90	158.4	90	70.9	19.1	32	42	63.55	16	22	10	M8*1.0P	10	1	1.1
SK40-SFS10-120	188.4	120	100.9	19.1	32	42	63.55	16	25	10	M8*1.0P	10	2	1.2
SK40-SFS10-160	228.4	160	140.9	19.1	32	42	63.55	16	28	10	M8*1.0P	10	2	1.3
SK40-SFS10-200	268.4	200	180.9	19.1	32	42	63.55	16	31	10	M8*1.0P	10	2	1.4
SK40-SFS12-90	158.4	90	70.9	19.1	37	47	63.55	18	24	12	M10*1.0P	10	1	1.1
SK40-SFS12-120	188.4	120	100.9	19.1	37	47	63.55	18	27	12	M10*1.0P	10	2	1.2
SK40-SFS12-160	228.4	160	140.9	19.1	37	47	63.55	18	30	12	M10*1.0P	10	2	1.3
SK40-SFS12-200	268.4	200	180.9	19.1	37	47	63.55	18	33	12	M10*1.0P	10	2	1.4
SK40-SFS14-90	158.4	90	70.9	19.1	37	47	63.55	20	26	14	M10*1.0P	10	1	1.2
SK40-SFS14-120	188.4	120	100.9	19.1	37	47	63.55	20	29	14	M10*1.0P	10	2	1.3
SK40-SFS14-160	228.4	160	140.9	19.1	37	47	63.55	20	32	14	M10*1.0P	10	2	1.5
SK40-SFS14-200	268.4	200	180.9	19.1	37	47	63.55	20	35	14	M10*1.0P	10	2	1.7
SK40-SFS16-90	158.4	90	70.9	19.1	40	50	63.55	22	28	16	M12*1.0P	10	1	1.2
SK40-SFS16-120	188.4	120	100.9	19.1	40	50	63.55	22	31	16	M12*1.0P	10	2	1.3
SK40-SFS16-160	228.4	160	140.9	19.1	40	50	63.55	22	34	16	M12*1.0P	10	2	1.5
SK40-SFS16-200	268.4	200	180.9	19.1	40	50	63.55	22	37	16	M12*1.0P	10	2	1.7
SK40-SFS18-90	158.4	90	70.9	19.1	40	50	63.55	24	30	18	M12*1.0P	10	1	1.2
SK40-SFS18-120	188.4	120	100.9	19.1	40	50	63.55	24	33	18	M12*1.0P	10	2	1.3
SK40-SFS18-160	228.4	160	140.9	19.1	40	50	63.55	24	36	18	M12*1.0P	10	2	1.6
SK40-SFS18-200	268.4	200	180.9	19.1	40	50	63.55	24	39	18	M12*1.0P	10	2	1.9
SK40-SFS20-90	158.4	90	70.9	19.1	42	52	63.55	26	32	20	M12*1.0P	10	1	1.3
SK40-SFS20-120	188.4	120	100.9	19.1	42	52	63.55	26	35	20	M12*1.0P	10	2	1.4
SK40-SFS20-160	228.4	160	140.9	19.1	42	52	63.55	26	38	20	M12*1.0P	10	2	1.7
SK40-SFS20-200	268.4	200	180.9	19.1	42	52	63.55	26	41	20	M12*1.0P	10	2	2

SK40 - SFS - 06 - 90

- 90 → L1 长 度 — Length(L1)
- 06 → 刀 杆 直 径 — Diameter
- SFS → 功 能 代 号 — Holder type
- SK40 → 锥 柄 形 式 — Taper size

SK50-SFS 热缩刀柄（3细长型） SK50-SFS SHRINK FIT TOOL HOLDER (3° SLENDER TYPE)



FIG. 1

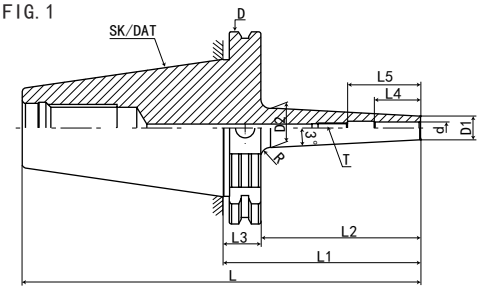
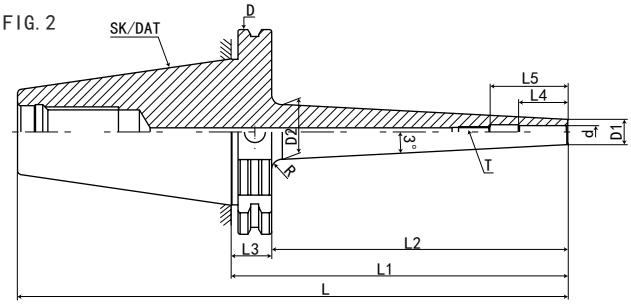




FIG. 2



规格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R	FIG	重量 KGS
SK50-SFS06-100	201.75	100	80.9	19.1	26	36	97.5	12	18	6	M5*0.8P	10	1	3.8
SK50-SFS06-120	221.75	120	100.9	19.1	26	36	97.5	12	20	6	M5*0.8P	10	1	3.9
SK50-SFS06-160	261.75	160	140.9	19.1	26	36	97.5	12	24	6	M5*0.8P	10	2	4.2
SK50-SFS06-200	301.75	200	180.9	19.1	26	36	97.5	12	28	6	M5*0.8P	10	2	5.8
SK50-SFS08-100	201.75	100	80.9	19.1	26	36	97.5	14	20	8	M6*1.0P	10	1	3.8
SK50-SFS08-120	221.75	120	100.9	19.1	26	36	97.5	14	22	8	M6*1.0P	10	1	3.9
SK50-SFS08-160	261.75	160	140.9	19.1	26	36	97.5	14	26	8	M6*1.0P	10	2	4.2
SK50-SFS08-200	301.75	200	180.9	19.1	26	36	97.5	14	30	8	M6*1.0P	10	2	5.8
SK50-SFS10-100	201.75	100	80.9	19.1	32	42	97.5	16	22	10	M8*1.0P	10	1	3.9
SK50-SFS10-120	221.75	120	100.9	19.1	32	42	97.5	16	24	10	M8*1.0P	10	1	4.1
SK50-SFS10-160	261.75	160	140.9	19.1	32	42	97.5	16	28	10	M8*1.0P	10	2	4.3
SK50-SFS10-200	301.75	200	180.9	19.1	32	42	97.5	16	32	10	M8*1.0P	10	2	5.9
SK50-SFS12-100	201.75	100	80.9	19.1	37	47	97.5	18	24	12	M10*1.0P	10	1	3.9
SK50-SFS12-120	221.75	120	100.9	19.1	37	47	97.5	18	26	12	M10*1.0P	10	1	4.1
SK50-SFS12-160	261.75	160	140.9	19.1	37	47	97.5	18	30	12	M10*1.0P	10	2	4.3
SK50-SFS12-200	301.75	200	180.9	19.1	37	47	97.5	18	34	12	M10*1.0P	10	2	5.9
SK50-SFS14-100	201.75	100	80.9	19.1	37	47	97.5	20	26	14	M10*1.0P	10	1	3.9
SK50-SFS14-120	221.75	120	100.9	19.1	37	47	97.5	20	28	14	M10*1.0P	10	1	4.1
SK50-SFS14-160	261.75	160	140.9	19.1	37	47	97.5	20	32	14	M10*1.0P	10	2	4.3
SK50-SFS14-200	301.75	200	180.9	19.1	37	47	97.5	20	36	14	M10*1.0P	10	2	5.9
SK50-SFS16-100	201.75	100	80.9	19.1	40	50	97.5	22	28	16	M12*1.0P	10	1	4
SK50-SFS16-120	221.75	120	100.9	19.1	40	50	97.5	22	30	16	M12*1.0P	10	1	4.2
SK50-SFS16-160	261.75	160	140.9	19.1	40	50	97.5	22	34	16	M12*1.0P	10	2	4.4
SK50-SFS16-200	301.75	200	180.9	19.1	40	50	97.5	22	38	16	M12*1.0P	10	2	6
SK50-SFS18-100	201.75	100	80.9	19.1	40	50	97.5	24	30	18	M12*1.0P	10	1	4
SK50-SFS18-120	221.75	120	100.9	19.1	40	50	97.5	24	32	18	M12*1.0P	10	1	4.2
SK50-SFS18-160	261.75	160	140.9	19.1	40	50	97.5	24	36	18	M12*1.0P	10	2	4.4
SK50-SFS18-200	301.75	200	180.9	19.1	40	50	97.5	24	40	18	M12*1.0P	10	2	6
SK50-SFS20-100	201.75	100	80.9	19.1	42	52	97.5	26	32	20	M16*1.0P	10	1	4.1
SK50-SFS20-120	221.75	120	100.9	19.1	42	52	97.5	26	34	20	M16*1.0P	10	1	4.3
SK50-SFS20-160	261.75	160	140.9	19.1	42	52	97.5	26	38	20	M16*1.0P	10	2	4.4
SK50-SFS20-200	301.75	200	180.9	19.1	42	52	97.5	26	42	20	M16*1.0P	10	2	6.1

SK40-SFK 热缩刀柄（4.5°通水型）

SK40-SFK SHRINK FIT TOOL HOLDER (4.5° SHRINK-FIT COOLANT TYPE)



FIG. 1

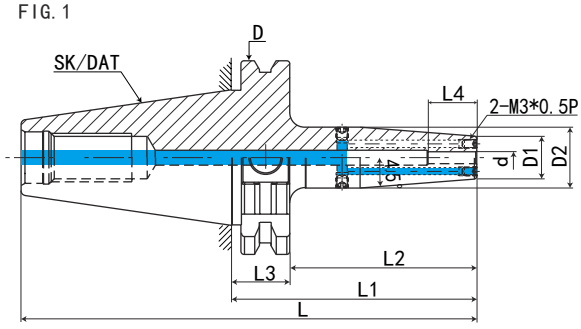
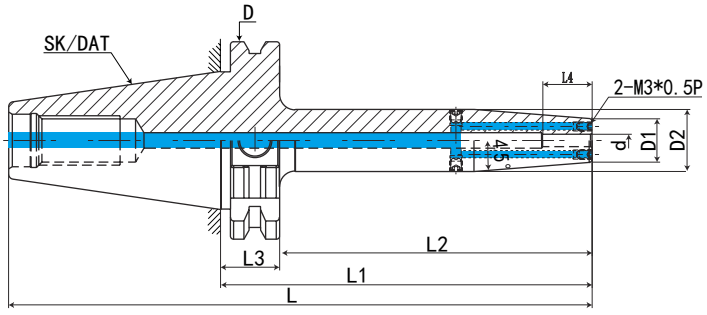




FIG. 2



规格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
SK40-SF03-80K	148.4	80	60.9	19.1	12	63.55	14	20	3	5	1	1
SK40-SF03-120K	188.4	120	100.9	19.1	12	63.55	14	20	3	5	2	1.1
SK40-SF03-160K	228.4	160	140.9	19.1	12	63.55	14	20	3	5	2	1.2
SK40-SF04-80K	148.4	80	60.9	19.1	16	63.55	14	20	4	5	1	1
SK40-SF04-120K	188.4	120	100.9	19.1	16	63.55	14	20	4	5	2	1.1
SK40-SF04-160K	228.4	160	140.9	19.1	16	63.55	14	20	4	5	2	1.2
SK40-SF05-80K	148.4	80	60.9	19.1	18	63.55	14	20	5	5	1	1
SK40-SF05-120K	188.4	120	100.9	19.1	18	63.55	14	20	5	5	2	1.1
SK40-SF05-160K	228.4	160	140.9	19.1	18	63.55	14	20	5	5	2	1.2

SK40 - SF - 03 - 80K

- 80K → L1 长度 Length(L1)
- 03 → 刀杆直径 Diameter
- SF → 功能代号 Holder type
- SK40 → 锥柄形式 Taper size

SK40-SFK 热缩刀柄（4.5°通水型） SK40-SFK SHRINK FIT TOOL HOLDER (4.5° SHRINK-FIT COOLANT TYPE)



FIG. 1

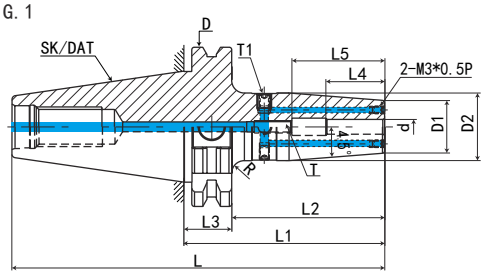




FIG. 2

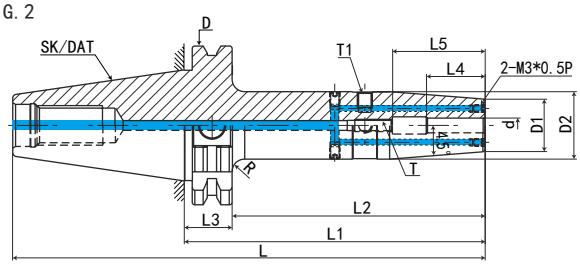
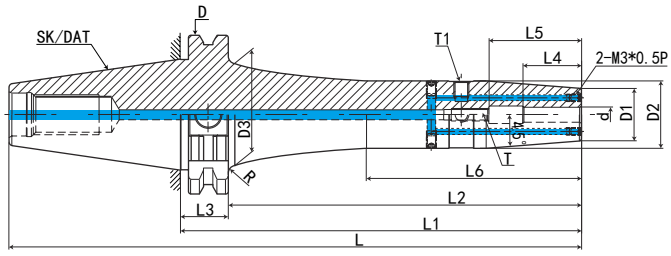


FIG. 3



规格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	FIG	重量 KGS
SK40-SF06-80K	148.4	80	60.9	19.1	26	36	-	63.55	21	27	-	6	M5*0.8P	M6*1.0P	1	1.2
SK40-SF06-120K	188.4	120	100.9	19.1	26	36	-	63.55	21	27	-	6	M5*0.8P	M6*1.0P	2	1.5
SK40-SF06-160K	228.4	160	140.9	19.1	26	36	78	63.55	21	27	41	6	M5*0.8P	M6*1.0P	3	1.8
SK40-SF06-200K	268.4	200	180.9	19.1	26	36	118	63.55	21	27	41	6	M5*0.8P	M6*1.0P	3	2.2
SK40-SF08-80K	148.4	80	60.9	19.1	26	36	-	63.55	21	27	-	8	M6*1.0P	M6*1.0P	1	1.2
SK40-SF08-120K	188.4	120	100.9	19.1	26	36	-	63.55	21	27	-	8	M6*1.0P	M6*1.0P	2	1.5
SK40-SF08-160K	228.4	160	140.9	19.1	26	36	78	63.55	21	27	41	8	M6*1.0P	M6*1.0P	3	1.8
SK40-SF08-200K	268.4	200	180.9	19.1	26	36	118	63.55	21	27	41	8	M6*1.0P	M6*1.0P	3	2.2
SK40-SF10-80K	148.4	80	60.9	19.1	32	42	-	63.55	24	32	-	10	M8*1.0P	M6*1.0P	1	1.3
SK40-SF10-120K	188.4	120	100.9	19.1	32	42	-	63.55	24	32	-	10	M8*1.0P	M6*1.0P	2	1.6
SK40-SF10-160K	228.4	160	140.9	19.1	32	42	78	63.55	24	32	40	10	M8*1.0P	M6*1.0P	3	1.9
SK40-SF10-200K	268.4	200	180.9	19.1	32	42	118	63.55	24	32	40	10	M8*1.0P	M6*1.0P	3	2.3
SK40-SF12-80K	148.4	80	60.9	19.1	37	47	-	63.55	24	32	-	12	M10*1.0P	M6*1.0P	1	1.3
SK40-SF12-120K	188.4	120	100.9	19.1	37	47	-	63.55	24	32	-	12	M10*1.0P	M6*1.0P	2	1.6
SK40-SF12-160K	228.4	160	140.9	19.1	37	47	78	63.55	24	32	40	12	M10*1.0P	M6*1.0P	3	1.9
SK40-SF12-200K	268.4	200	180.9	19.1	37	47	118	63.55	24	32	40	12	M10*1.0P	M6*1.0P	3	2.3
SK40-SF14-80K	148.4	80	60.9	19.1	37	47	-	63.55	27	34	-	14	M10*1.0P	M6*1.0P	1	1.3
SK40-SF14-120K	188.4	120	100.9	19.1	37	47	-	63.55	27	34	-	14	M10*1.0P	M6*1.0P	2	1.6
SK40-SF14-160K	228.4	160	140.9	19.1	37	47	78	63.55	27	34	42	14	M10*1.0P	M6*1.0P	3	1.9
SK40-SF14-200K	268.4	200	180.9	19.1	37	47	118	63.55	27	34	42	14	M10*1.0P	M6*1.0P	3	2.3

SK40 - SF - 06 - 80K

- 80K → L1 长 度 Length(L1)
- 06 → 刀 杆 直 径 Diameter
- SF → 功 能 代 号 Holder type
- SK40 → 锥 柄 形 式 Taper size

SK40-SFK 热缩刀柄（4.5°通水型）

SK40-SFK SHRINK FIT TOOL HOLDER (4.5° SHRINK-FIT COOLANT TYPE)



FIG. 1

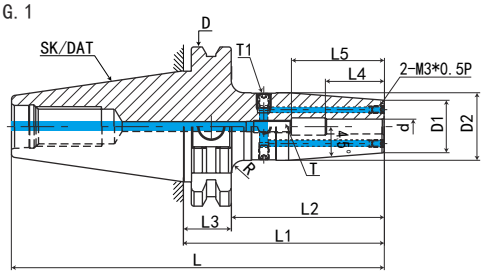




FIG. 2

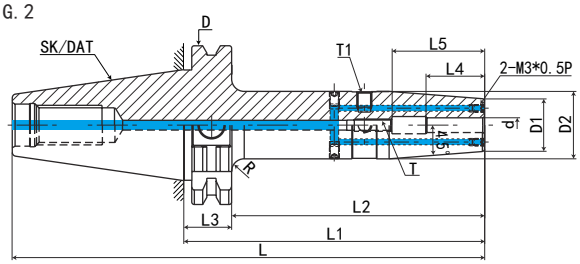
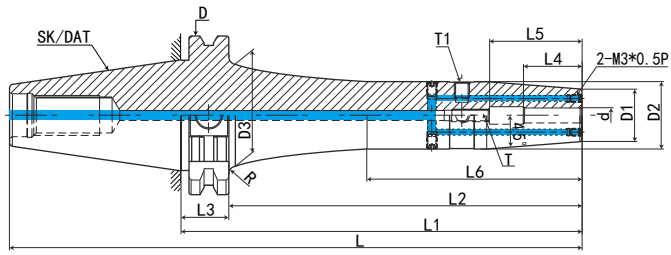


FIG. 3



规格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	FIG	重量 KGS
SK40-SF16-80K	148.4	80	60.9	19.1	40	50	-	63.55	27	34	-	16	M12*1.0P	M6*1.0P	1	1.3
SK40-SF16-120K	188.4	120	100.9	19.1	40	50	-	63.55	27	34	-	16	M12*1.0P	M6*1.0P	2	1.6
SK40-SF16-160K	228.4	160	140.9	19.1	40	50	78	63.55	27	34	42	16	M12*1.0P	M6*1.0P	3	1.9
SK40-SF16-200K	268.4	200	180.9	19.1	40	50	118	63.55	27	34	42	16	M12*1.0P	M6*1.0P	3	2.3
SK40-SF18-80K	148.4	80	60.9	19.1	40	50	-	63.55	33	42	-	18	M12*1.0P	M6*1.0P	1	1.4
SK40-SF18-120K	188.4	120	100.9	19.1	40	50	-	63.55	33	42	-	18	M12*1.0P	M6*1.0P	2	1.7
SK40-SF18-160K	228.4	160	140.9	19.1	40	50	-	63.55	33	42	-	18	M12*1.0P	M6*1.0P	2	2
SK40-SF18-200K	268.4	200	180.9	19.1	40	50	-	63.55	33	42	-	18	M12*1.0P	M6*1.0P	2	2.4
SK40-SF20-80K	148.4	80	60.9	19.1	42	52	-	63.55	33	42	-	20	M16*1.0P	M6*1.0P	1	1.4
SK40-SF20-120K	188.4	120	100.9	19.1	42	52	-	63.55	33	42	-	20	M16*1.0P	M6*1.0P	2	1.7
SK40-SF20-160K	228.4	160	140.9	19.1	42	52	-	63.55	33	42	-	20	M16*1.0P	M6*1.0P	2	2
SK40-SF20-200K	268.4	200	180.9	19.1	42	52	-	63.55	33	42	-	20	M16*1.0P	M6*1.0P	2	2.4
SK40-SF25-80K	148.4	80	60.9	19.1	48	58	-	63.55	44	53	-	25	M16*1.0P	M6*1.0P	1	2
SK40-SF25-120K	188.4	120	100.9	19.1	48	58	-	63.55	44	53	-	25	M16*1.0P	M6*1.0P	2	2.3
SK40-SF25-160K	228.4	160	140.9	19.1	48	58	-	63.55	44	53	-	25	M16*1.0P	M6*1.0P	2	2.6
SK40-SF25-200K	268.4	200	180.9	19.1	48	58	-	63.55	44	53	-	25	M16*1.0P	M6*1.0P	2	3
SK40-SF32-80K	148.4	80	60.9	19.1	52	62	-	63.55	44	53	-	32	M16*1.0P	M6*1.0P	1	2
SK40-SF32-120K	188.4	120	100.9	19.1	52	62	-	63.55	44	53	-	32	M16*1.0P	M6*1.0P	2	2.3
SK40-SF32-160K	228.4	160	140.9	19.1	52	62	-	63.55	44	53	-	32	M16*1.0P	M6*1.0P	2	2.6
SK40-SF32-200K	268.4	200	180.9	19.1	52	62	-	63.55	44	53	-	32	M16*1.0P	M6*1.0P	2	3

SK40 - SF - 16 - 80K

- 80K → L1 长 度 — Length(L1)
- 16 → 刀 杆 直 径 — Diameter
- SF → 功 能 代 号 — Holder type
- SK40 → 锥 柄 形 式 — Taper size

SK50-SFK 热缩刀柄（4.5°通水型） SK50-SFK SHRINK FIT TOOL HOLDER (4.5° SHRINK-FIT COOLANT TYPE)





FIG. 1

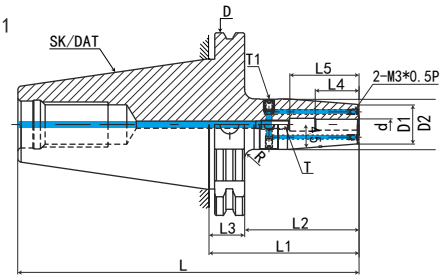


FIG. 2

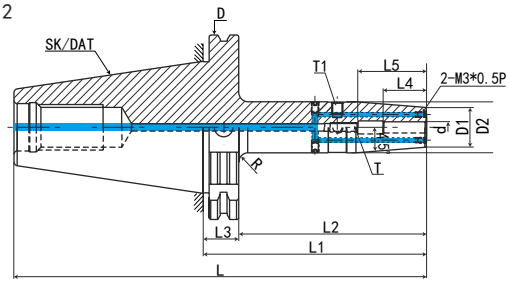
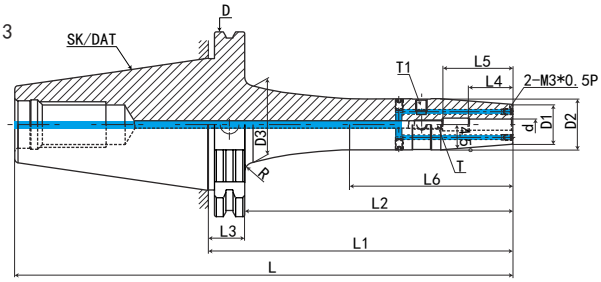


FIG. 3



规格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	FIG	重量 KGS
SK50-SF06-80K	181.75	80	60.9	19.1	26	36	-	97.5	21	27	-	6	M5*0.8P	M6*1.0P	1	2.8
SK50-SF06-120K	221.75	120	100.9	19.1	26	36	-	97.5	21	27	-	6	M5*0.8P	M6*1.0P	2	2.9
SK50-SF06-160K	261.75	160	140.9	19.1	26	36	78	97.5	21	27	41	6	M5*0.8P	M6*1.0P	3	3
SK50-SF06-200K	301.75	200	180.9	19.1	26	36	118	97.5	21	27	41	6	M5*0.8P	M6*1.0P	3	3.1
SK50-SF08-80K	181.75	80	60.9	19.1	26	36	-	97.5	21	27	-	8	M6*1.0P	M6*1.0P	1	2.8
SK50-SF08-120K	221.75	120	100.9	19.1	26	36	-	97.5	21	27	-	8	M6*1.0P	M6*1.0P	2	2.9
SK50-SF08-160K	261.75	160	140.9	19.1	26	36	78	97.5	21	27	41	8	M6*1.0P	M6*1.0P	3	3
SK50-SF08-200K	301.75	200	180.9	19.1	26	36	118	97.5	21	27	41	8	M6*1.0P	M6*1.0P	3	3.1
SK50-SF10-80K	181.75	80	60.9	19.1	32	42	-	97.5	24	32	-	10	M8*1.0P	M6*1.0P	1	2.8
SK50-SF10-120K	221.75	120	100.9	19.1	32	42	-	97.5	24	32	-	10	M8*1.0P	M6*1.0P	2	2.9
SK50-SF10-160K	261.75	160	140.9	19.1	32	42	78	97.5	24	32	40	10	M8*1.0P	M6*1.0P	3	3
SK50-SF10-200K	301.75	200	180.9	19.1	32	42	118	97.5	24	32	40	10	M8*1.0P	M6*1.0P	3	3.1
SK50-SF12-80K	181.75	80	60.9	19.1	37	47	-	97.5	24	32	-	12	M10*1.0P	M6*1.0P	1	2.9
SK50-SF12-120K	221.75	120	100.9	19.1	37	47	-	97.5	24	32	-	12	M10*1.0P	M6*1.0P	2	3
SK50-SF12-160K	261.75	160	140.9	19.1	37	47	78	97.5	24	32	40	12	M10*1.0P	M6*1.0P	3	3.1
SK50-SF12-200K	301.75	200	180.9	19.1	37	47	118	97.5	24	32	40	12	M10*1.0P	M6*1.0P	3	3.2
SK50-SF14-80K	181.75	80	60.9	19.1	37	47	-	97.5	27	34	-	14	M10*1.0P	M6*1.0P	1	2.9
SK50-SF14-120K	221.75	120	100.9	19.1	37	47	-	97.5	27	34	-	14	M10*1.0P	M6*1.0P	2	3
SK50-SF14-160K	261.75	160	140.9	19.1	37	47	78	97.5	27	34	42	14	M10*1.0P	M6*1.0P	3	3.1
SK50-SF14-200K	301.75	200	180.9	19.1	37	47	118	97.5	27	34	42	14	M10*1.0P	M6*1.0P	3	3.2

SK50 - SF - 06 - 80K

- 80K → L1 长 度 Length(L1)
- 06 → 刀 杆 直 径 Diameter
- SF → 功 能 代 号 Holder type
- SK50 → 锥 柄 形 式 Taper size

SK50-SFK 热缩刀柄（4.5°通水型）

SK50-SFK SHRINK FIT TOOL HOLDER (4.5° SHRINK-FIT COOLANT TYPE)





FIG. 1

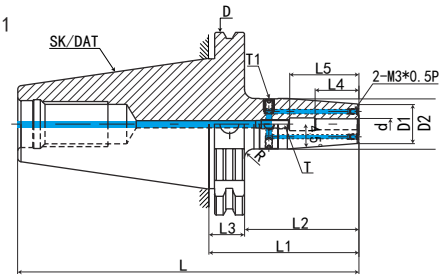


FIG. 2

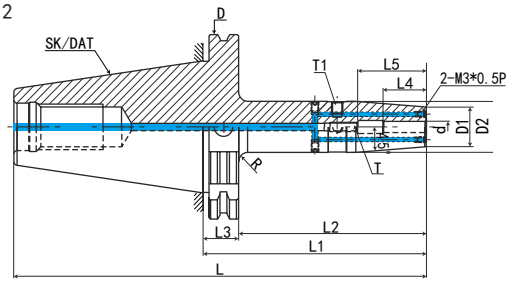
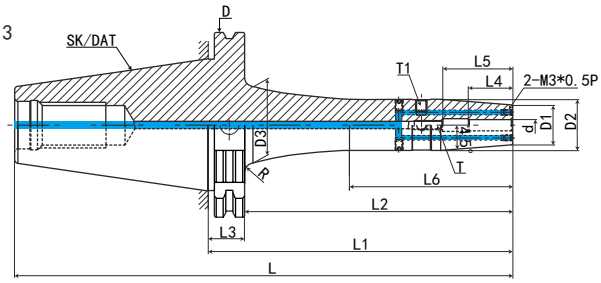


FIG. 3



规格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	FIG	重量 KGS
SK50-SF16-80K	181.75	80	60.9	19.1	40	50	-	97.5	27	34	-	16	M12*1.0P	M6*1.0P	1	3.1
SK50-SF16-120K	221.75	120	100.9	19.1	40	50	-	97.5	27	34	-	16	M12*1.0P	M6*1.0P	2	3.3
SK50-SF16-160K	261.75	160	140.9	19.1	40	50	78	97.5	27	34	42	16	M12*1.0P	M6*1.0P	3	3.5
SK50-SF16-200K	301.75	200	180.9	19.1	40	50	118	97.5	27	34	42	16	M12*1.0P	M6*1.0P	3	3.7
SK50-SF18-80K	181.75	80	60.9	19.1	40	50	-	97.5	33	42	-	18	M12*1.0P	M6*1.0P	1	3.1
SK50-SF18-120K	221.75	120	100.9	19.1	40	50	-	97.5	33	42	-	18	M12*1.0P	M6*1.0P	2	3.3
SK50-SF18-160K	261.75	160	140.9	19.1	40	50	-	97.5	33	42		18	M12*1.0P	M6*1.0P	3	3.5
SK50-SF18-200K	301.75	200	180.9	19.1	40	50	-	97.5	33	42		18	M12*1.0P	M6*1.0P	3	3.7
SK50-SF20-80K	181.75	80	60.9	19.1	42	52	-	97.5	33	42	-	20	M16*1.0P	M6*1.0P	1	3.3
SK50-SF20-120K	221.75	120	100.9	19.1	42	52	-	97.5	33	42	-	20	M16*1.0P	M6*1.0P	2	3.5
SK50-SF20-160K	261.75	160	140.9	19.1	42	52	-	97.5	33	42		20	M16*1.0P	M6*1.0P	3	3.7
SK50-SF20-200K	301.75	200	180.9	19.1	42	52	-	97.5	33	42		20	M16*1.0P	M6*1.0P	3	3.9
SK50-SF25-100K	201.75	100	80.9	19.1	48	58	-	97.5	44	53	-	25	M16*1.0P	M6*1.0P	1	3.3
SK50-SF25-120K	221.75	120	100.9	19.1	48	58	-	97.5	44	53	-	25	M16*1.0P	M6*1.0P	2	3.5
SK50-SF25-160K	261.75	160	140.9	19.1	48	58	-	97.5	44	53		25	M16*1.0P	M6*1.0P	3	3.7
SK50-SF25-200K	301.75	200	180.9	19.1	48	58	-	97.5	44	53		25	M16*1.0P	M6*1.0P	3	3.9
SK50-SF32-100K	201.75	100	80.9	19.1	52	62	-	97.5	44	53	-	32	M16*1.0P	M6*1.0P	1	3.4
SK50-SF32-120K	221.75	120	100.9	19.1	52	62	-	97.5	44	53	-	32	M16*1.0P	M6*1.0P	2	3.6
SK50-SF32-160K	261.75	160	140.9	19.1	52	62	-	97.5	44	53		32	M16*1.0P	M6*1.0P	3	3.8
SK50-SF32-200K	301.75	200	180.9	19.1	52	62	-	97.5	44	53		32	M16*1.0P	M6*1.0P	3	4

SK50 - SF - 16 - 80K

- 80K → L1 长度 — Length(L1)
- 16 → 刀杆直径 — Diameter
- SF → 功能代号 — Holder type
- SK50 → 锥柄形式 — Taper size

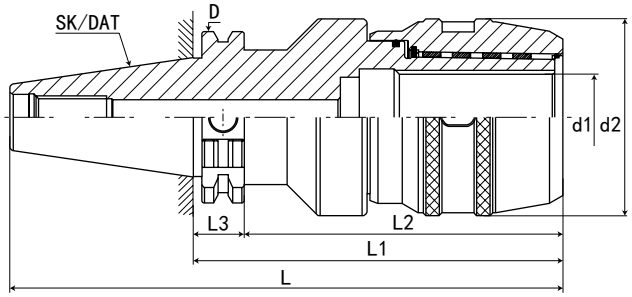
SK-C 型高精度强力刀柄 SK-C FORCE MILLING CHUCK




P.J 31

P.J 16

P.J 24



规 格 Model	L	L1	L2	L3	d1	d2	D	夹持范围 Range
SK30-C20-85	132.8	85	66	19.1	20	56	50	3 4 5 6 8 10 12 14 16
SK30-C20-100	147.8	100	81	19.1	20	56	50	3 4 5 6 8 10 12 14 16
SK30-C32-105	152.8	105	86	19.1	32	68	50	3 4 5 6 8 10 12 14 16 18 20 22 24 25
SK40-C20-85	132.8	85	66	19.1	20	56	63.55	3 4 5 6 8 10 12 14 16
SK40-C20-100	147.8	100	81	19.1	20	56	63.55	3 4 5 6 8 10 12 14 16
SK40-C20-135	182.8	135	116	19.1	20	56	63.55	3 4 5 6 8 10 12 14 16
SK40-C25-100	147.8	100	81	19.1	25	61	63.55	3 4 5 6 8 10 12 14 16 18 20
SK40-C25-135	182.8	135	116	19.1	25	61	63.55	3 4 5 6 8 10 12 14 16 18 20
SK40-C32-105	152.8	105	86	19.1	32	68	63.55	3 4 5 6 8 10 12 14 16 18 20 22 24 25
SK40-C32-135	182.8	135	116	19.1	32	68	63.55	3 4 5 6 8 10 12 14 16 18 20 22 24 25
SK50-C20-105	206.75	105	86	19.1	20	56	97.5	3 4 5 6 8 10 12 14 16
SK50-C20-150	251.75	150	131	19.1	20	56	97.5	3 4 5 6 8 10 12 14 16
SK50-C25-105	206.75	105	86	19.1	25	61	97.5	3 4 5 6 8 10 12 14 16 18 20
SK50-C25-165	266.75	165	146	19.1	25	61	97.5	3 4 5 6 8 10 12 14 16 18 20
SK50-C32-110	211.75	110	91	19.1	32	68	97.5	3 4 5 6 8 10 12 14 16 18 20 22 24 25
SK50-C32-165	266.75	165	146	19.1	32	68	97.5	3 4 5 6 8 10 12 14 16 18 20 22 24 25
SK50-C32-200	301.75	200	181	19.1	32	68	97.5	3 4 5 6 8 10 12 14 16 18 20 22 24 25
SK50-C42-110	211.75	110	94	19.1	42	87	97.5	3 4 5 6 8 10 12 14 16 18 20 22 24 25 28 30 32 34 36
SK50-C42-150	251.75	150	131	19.1	42	87	97.5	3 4 5 6 8 10 12 14 16 18 20 22 24 25 28 30 32 34 36

特点：

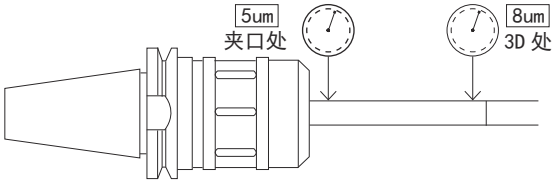
高速、高精度、高寿命直柄刀具系列
◎材质：20CrMnTi/15CrMn
◎硬度：HRC58-60，渗碳深度＞ 0.8mm
◎锥柄公差等级：≤ AT3
◎刀柄内孔分割了六槽，以防止刀具转动，增大夹持力
◎采用特殊材料制作滚针轴承保持架，延长使用寿命，增强夹紧力
◎具有夹持力大，定点精度高，特别适用于强力切削
◎可提供两种外观：光饰或涂层处理
◎内孔多次研磨，可达 Ra0.4, 起到镜面效果
◎外圆及端面多次研磨，可达 Ra0.4, 起到镜面效果
◎表面“环保”特殊涂层处理，提高表面硬度、耐磨性，提高清洁度，精度更稳定，表面更光滑，防锈、防腐蚀效果更好，手感更舒适，外观更美观
◎扳手、拉钉、筒夹须另行购买

Features:

High speed, high accuracy, high durability C- STRAIGHT TOOL SERIES
◎ Material:20CrMnTi/15CrMn ;
◎ Hardness:HRC58- 60 , Carbon depth > 0.8 ◎ Tolerance class : ≤ AT3
◎ Inner hole of the shank divide into 6 troughs to prevent the insert remove, increase the grasp force
◎ Ball bearing cage is made of special material, improve the endurance, enhance the grasp force
◎ Grasp force strong, centering accuracy high, suit to heavy cutting
◎ Two kinds looks provide:polishing or chemical nickel- plating processing;
◎ Inner hole grinding for many times, so as to reach Ra0.4, has a mirror effect;
◎ End and the cylindrical are grinding for many times, can reach Ra0.4 , has a mirror effect;
◎ Surface "environmental protection", special coating surface treatment, improve the hardness and endurance of the surface, cleaness better, accuracy stable, surface more smooth, antirust, feel comfortable, appearance nice.
◎ **The spanner、 pull stud chuck must purchase alone.**

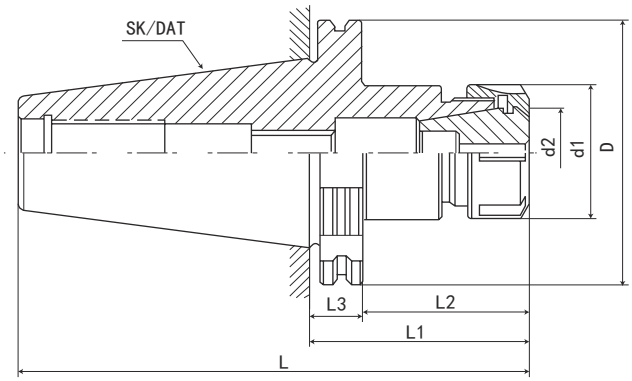
SK40 - C32 - 105

- 105 → L1 长 度 — Length(L1)
- C32 → 筒 夹 规 格 — Collet type C32
- SK40 → 锥 柄 形 式 — Taper size



SK-ER 弹性筒夹刀柄 SK-ER COLLET CHUCK






P.J 31


P.J 06


P.J 33


P.J 24

规格 / 型号 Model	L	L1	L2	L3	d1	d2	D	夹持范围 Range	重量 KGS
SK30-ER11-80	127.8	80	61	19.1	19	11	50	1-7mm	0.6
SK30-ER16-63	110.8	63	44	19.1	28	16	50	1-10mm	0.7
SK30-ER16-120	167.8	120	101	19.1	28	16	50	1-10mm	0.85
SK30-ER20-63	110.8	63	44	19.1	34	20	50	1-13mm	0.8
SK30-ER20-120	167.8	120	101	19.1	34	20	50	1-13mm	1.05
SK30-ER25-63	110.8	63	44	19.1	42	25	50	1-16mm	0.85
SK30-ER32-63	110.8	63	44	19.1	50	32	50	2-20mm	0.90
SK40-ER11-80	148.4	80	61	19.1	19	11	63.55	1-7mm	1.05
SK40-ER11-100	168.4	100	81	19.1	19	11	63.55	1-7mm	1.1
SK40-ER11-150	218.4	150	131	19.1	19	11	63.55	1-7mm	
SK40-ER16-100	168.4	100	81	19.1	28	16	63.55	1-10mm	1.4
SK40-ER16-150	218.4	150	131	19.1	28	16	63.55	1-10mm	1.65
SK40-ER16-200	268.4	200	181	19.1	28	16	63.55	1-10mm	
SK40-ER20-70	138.4	70	51	19.1	34	20	63.55	1-13mm	1.4
SK40-ER20-100	168.4	100	81	19.1	34	20	63.55	1-13mm	1.5
SK40-ER20-150	218.4	150	131	19.1	34	20	63.55	1-13mm	
SK40-ER20-200	268.4	200	181	19.1	34	20	63.55	1-13mm	
SK40-ER25-70	138.4	70	51	19.1	42	25	63.55	1-16mm	1.6
SK40-ER25-100	168.4	100	81	19.1	42	25	63.55	1-16mm	1.85
SK40-ER25-150	218.4	150	131	19.1	42	25	63.55	1-16mm	2.25
SK40-ER25-200	268.4	200	181	19.1	42	25	63.55	1-16mm	2.55
SK40-ER32-70	138.4	70	51	19.1	50	32	63.55	2-20mm	1.6
SK40-ER32-100	168.4	100	81	19.1	50	32	63.55	2-20mm	2
SK40-ER32-150	218.4	150	131	19.1	50	32	63.55	2-20mm	2.65
SK40-ER32-200	268.4	200	181	19.1	50	32	63.55	2-20mm	3.2
SK40-ER40-70	138.4	70	51	19.1	63	40	63.55	2-26mm	1.5
SK40-ER40-100	168.4	100	81	19.1	63	40	63.55	2-26mm	2
SK40-ER40-150	233.4	150	131	19.1	63	40	63.55	2-26mm	3.8
SK40-ER40-200	268.4	200	181	19.1	63	40	63.55	2-26mm	
SK40-ER50-100	168.4	100	81	19.1	78	50	63.55	6-34mm	1.7

特点：

注：

◎本体锥柄规格：DIN69871-A 或 GB10944

◎配用 ER 弹性筒夹，可适用于夹持铣刀、钻头、丝锥

◎装置时筒夹必需先置入螺母，再装入刀具，接着锁固入本体

◎适用专用扳手，不可用其它工具，可能造成刀体损坏

◎扳手、拉钉、筒夹须另行购买

Features:

◎ Spindle conicity standard:DIN69871A or GB10944.

◎ ER collet chuck set with ER collet with flexibility used for gripping cutting tool, drill bit, draw bolt and so on.

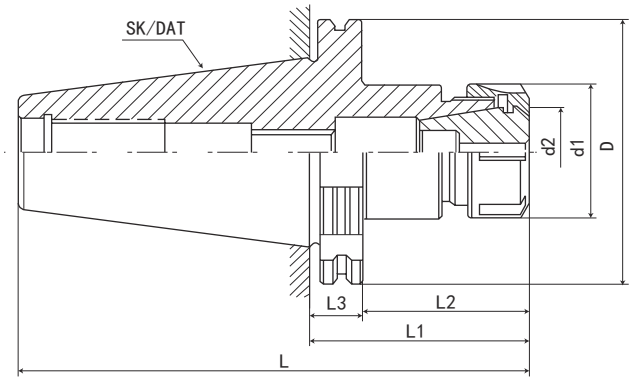
◎ When using, nut should be clamped tensed firstly with cutting tools then locked into the main body.

◎ Always use the recommended wrench or spanner, unless, there might cause damage of cutting tools.

◎ The spanner、 pull stud chuck must purchase alone.

SK50-ER 弹性筒夹刀柄 SK50-ER COLLET CHUCK






P.J 31


P.J 06


P.J 33


P.J 24

规 格 Model	L	L1	L2	L3	d1	d2	D	夹持范围 Range	重量 KGS
SK50-ER16-100	201.75	100	81	19.1	28	16	97.5	1-10mm	3.2
SK50-ER16-150	251.75	150	131	19.1	28	16	97.5	1-10mm	
SK50-ER16-200	301.75	200	181	19.1	28	16	97.5	1-10mm	4.7
SK50-ER16-250	351.75	250	231	19.1	28	16	97.5	1-10mm	
SK50-ER20-70	171.5	70	51	19.1	34	20	97.5	1-13mm	
SK50-ER20-100	201.75	100	81	19.1	34	20	97.5	1-13mm	3.4
SK50-ER20-150	251.75	150	131	19.1	34	20	97.5	1-13mm	
SK50-ER20-200	301.75	200	181	19.1	34	20	97.5	1-13mm	4.7
SK50-ER20-250	351.75	250	231	19.1	34	20	97.5	1-13mm	
SK50-ER25-80	181.75	80	61	19.1	42	25	97.5	1-16mm	
SK50-ER25-100	201.75	100	81	19.1	42	25	97.5	1-16mm	4.15
SK50-ER25-150	251.75	150	131	19.1	42	25	97.5	1-16mm	4.5
SK50-ER25-200	301.75	200	181	19.1	42	25	97.5	1-16mm	4.8
SK50-ER25-250	351.75	250	231	19.1	42	25	97.5	1-16mm	
SK50-ER25-300	401.75	300	281	19.1	42	25	97.5	1-16mm	
SK50-ER32-80	181.75	80	61	19.1	50	32	97.5	2-20mm	3.6
SK50-ER32-100	201.75	100	81	19.1	50	32	97.5	2-20mm	
SK50-ER32-150	251.75	150	131	19.1	50	32	97.5	2-20mm	
SK50-ER32-200	301.75	200	181	19.1	50	32	97.5	2-20mm	5.1
SK50-ER32-250	351.75	250	231	19.1	50	32	97.5	2-20mm	5.3
SK50-ER32-300	401.75	300	281	19.1	50	32	97.5	2-20mm	6
SK50-ER40-80	181.75	80	61	19.1	63	40	97.5	2-26mm	3.5
SK50-ER40-100	201.75	100	81	19.1	63	40	97.5	2-26mm	
SK50-ER40-150	251.75	150	131	19.1	63	40	97.5	2-26mm	
SK50-ER40-200	301.75	200	181	19.1	63	40	97.5	2-26mm	5.2
SK50-ER40-250	351.75	250	231	19.1	63	40	97.5	2-26mm	5.8
SK50-ER40-300	401.75	300	281	19.1	63	40	97.5	2-26mm	6.5
SK50-ER50-160	261.75	160	141	19.1	78	50	97.5	6-34mm	5.55

特点：

注：

◎本体锥柄规格：DIN69871-A 或 GB10944

◎配用 ER 弹性筒夹，可适用于夹持铣刀、钻头、丝锥

◎装置时筒夹必需先置入螺母，再装入刀具，接着锁固入本体

◎适用专用扳手，不可用其它工具，可能造成刀体损坏

◎扳手、拉钉、筒夹须另行购买

Features:

◎ Spindle conicity standard:DIN69871A or GB10944.

◎ ER collet chuck set with ER collet with flexibility used for gripping cutting tool, drill bit, draw bolt and so on.

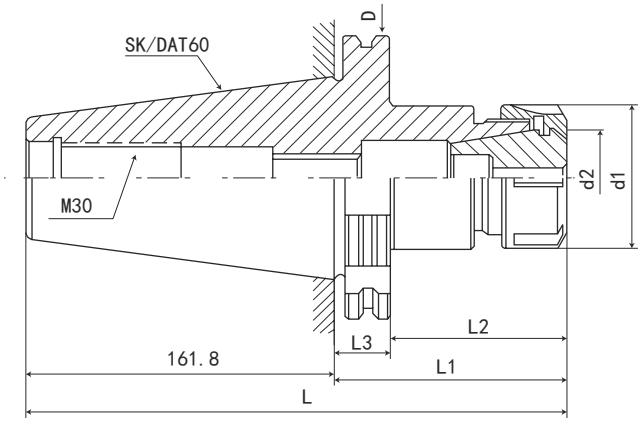
◎ When using, nut should be clamped tensed firstly with cutting tools then locked into the main body.

◎ Always use the recommended wrench or spanner, unless, there might cause damage of cutting tools.

◎ The spanner、 pull stud chuck must purchase alone.

SK60-ER 弹性筒夹刀柄 SK60-ER COLLET CHUCK





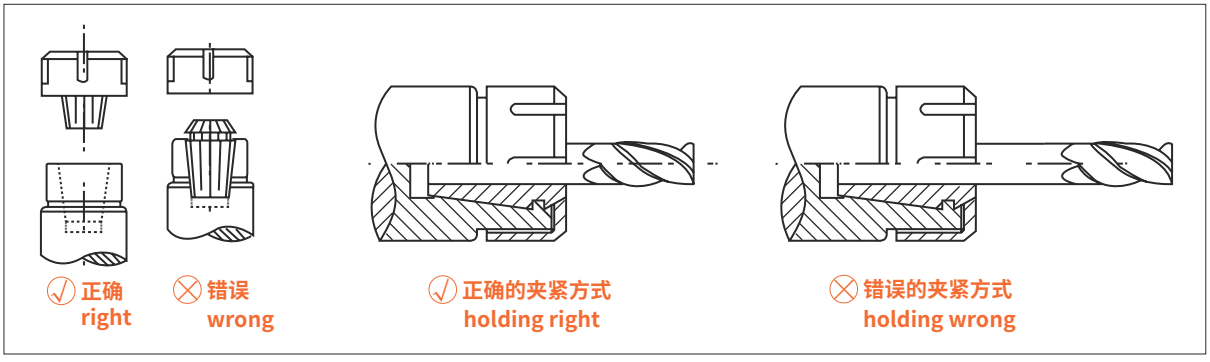

P.J 31


P.J 06


P.J 33


P.J 24

规格 / 型号 Model	L	L1	L2	L3	d1	d2	D	夹持范围 Range
SK60-ER32-100	261.8	100	81	19.1	50	32	155	2-20mm
SK60-ER32-150	311.8	150	131	19.1	50	32	155	2-20mm
SK60-ER40-100	261.8	100	81	19.1	63	40	155	2-26mm
SK60-ER40-150	311.8	150	131	19.1	63	40	155	2-26mm
SK60-ER50-100	261.8	100	81	19.1	78	50	155	6-34mm
SK60-ER50-150	311.8	150	131	19.1	78	50	155	6-34mm



特点：

注：

◎本体锥柄规格：DIN69871-A 或 GB10944

◎配用 ER 弹性筒夹，可适用于夹持铣刀、钻头、丝锥

◎装置时筒夹必需先置入螺母，再装入刀具，接着锁固入本体

◎适用专用扳手，不可用其它工具，可能造成刀体损坏

◎扳手、拉钉、筒夹须另行购买

Features:

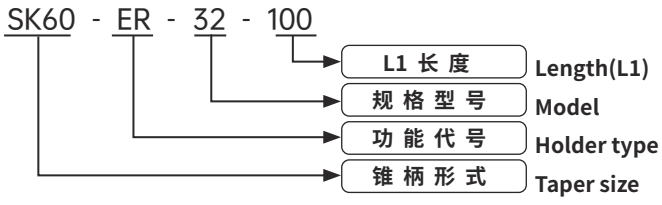
◎ Spindle conicity standard:DIN69871A or GB10944.

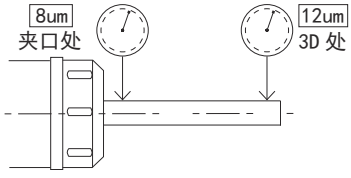
◎ ER collet chuck set with ER collet with flexibility used for gripping cutting tool, drill bit, draw bolt and so on.

◎ When using, nut should be clamped tensed firstly with cutting tools then locked into the main body.

◎ Always use the recommended wrench or spanner, unless, there might cause damage of cutting tools.

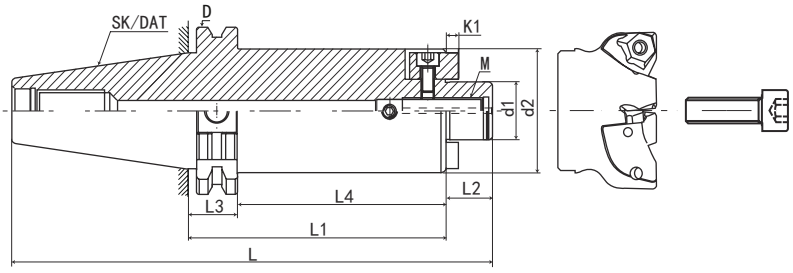
◎ The spanner、 pull stud chuck must purchase alone.

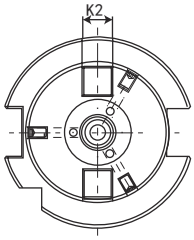




SK-FMB 平面铣刀柄 SK-FMB FACE MILL ARBOR








P.J 24


P.M02

规 格 Model	L	L1	L2	L4	L5	d1	d2	d3	k1	k2	螺孔 M
SK30-FMB22-35	100.8	35	18	16	19.1	22	26	48	4.8	10	M10*1.5P
SK30-FMB27-35	102.8	35	20	16	19.1	27	33	58	5.8	12	M12*1.75P
SK40-FMB22-45	131.4	45	18	26	19.1	22	26	48	4.8	10	M10*1.5P
SK40-FMB22-60	146.4	60	18	41	19.1	22	26	48	4.8	10	M10*1.5P
SK40-FMB22-100	186.4	100	18	81	19.1	22	26	48	4.8	10	M10*1.5P
SK40-FMB22-150	236.4	150	18	131	19.1	22	26	48	4.8	10	M10*1.5P
SK40-FMB27-45	133.4	45	20	26	19.1	27	33	58	5.8	12	M12*1.75P
SK40-FMB27-60	148.4	60	20	41	19.1	27	33	58	5.8	12	M12*1.75P
SK40-FMB27-100	163.4	100	20	81	19.1	27	33	58	5.8	12	M12*1.75P
SK40-FMB32-45	110.4	45	22	26	19.1	32	40	70	6.8	14	M16*2.0P
SK40-FMB32-60	125.4	60	22	41	19.1	32	40	70	6.8	14	M16*2.0P
SK40-FMB32-100	165.4	100	22	81	19.1	32	40	70	6.8	14	M16*2.0P
SK40-FMB40-45	113.4	45	25	26	19.1	40	50	80	8.3	16	M16*2.0P
SK40-FMB40-60	128.4	60	25	41	19.1	40	50	80	8.3	16	M16*2.0P
SK40-FMB40-100	168.4	100	25	81	19.1	40	50	80	8.3	16	M16*2.0P

特点：

注：

◎本体锥柄规格：DIN69871-A 或 GB10944

◎中心通孔有利于出水及抗震性强

◎平面铣刀配合部位（d) 轴系公轴 h6

◎适用于平面铣削加工

◎可定制非常规长度

◎拉钉须另行购买

Features:

◎ Spindle conicity standard：DIN69871A or GB10944

◎ With water through design that reduces vibration and steady for cutting.

◎ Connecting part(d) designed for metric size.

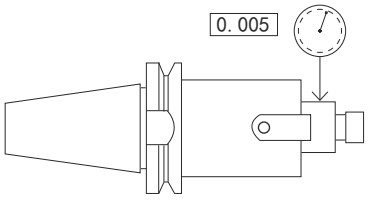
◎ Tool holders with BT shank for face mill chuck, Face mill holders equipped with screws and drive keys to assemble the mill cutter to holder.

◎ Can be made upon requested dimensions.

◎ The pull stud must purchase alone.

SK40 - FMB - 22 - 60

L1 长 度	Length(L1)
接 口 直 径	Diameter
功 能 代 号	Holder type
锥 柄 形 式	Taper size



SK50-FMB 平面铣刀柄 SK50-FMB FACE MILL ARBOR





FIG. 1

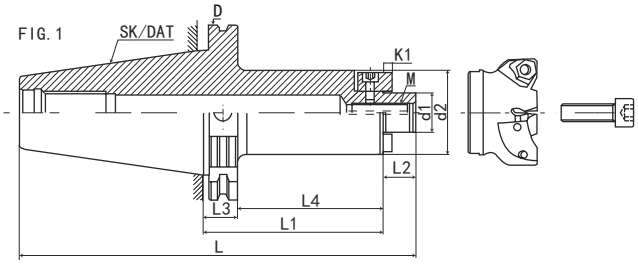
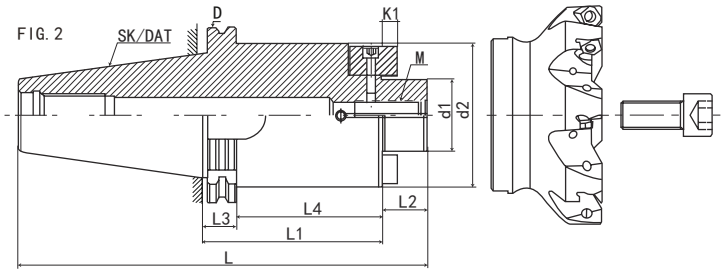


FIG. 2



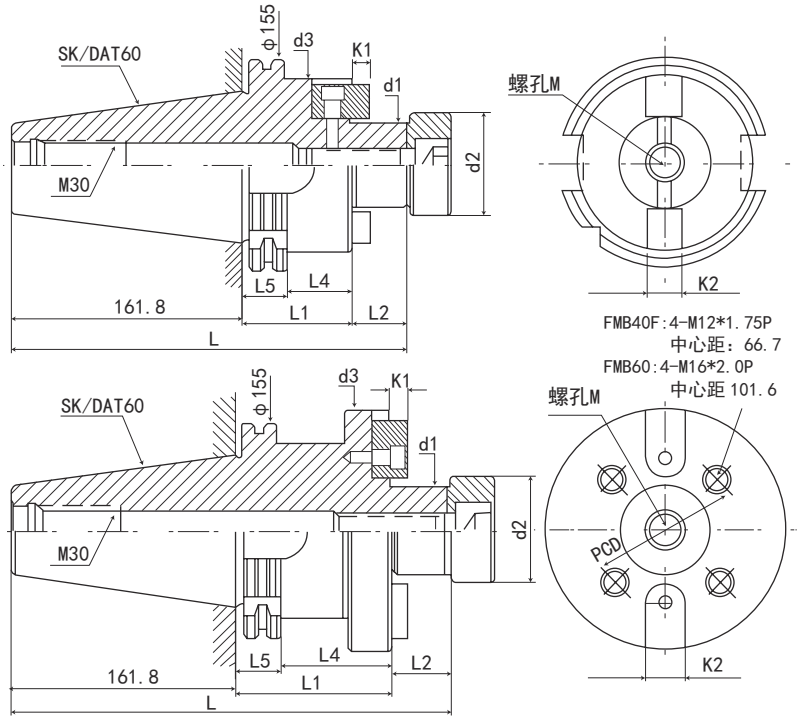

P.J 24


P.M02

规 格 Model	L	L1	L2	PCD	L4	L5	d1	d2	d3	四螺孔	k1	k2	FIG	螺孔 M
SK50-FMB22-45	164.75	45	18	/	26	19.1	22	26	48	/	4.8	10	1	M10*1.5P
SK50-FMB22-60	179.75	60	18	/	41	19.1	22	26	48	/	4.8	10	1	M10*1.5P
SK50-FMB22-100	219.75	100	18	/	81	19.1	22	26	48	/	4.8	10	1	M10*1.5P
SK50-FMB22-150	269.75	150	18	/	131	19.1	22	26	48	/	4.8	10	1	M10*1.5P
SK50-FMB22-200	319.75	200	18	/	181	19.1	22	26	48	/	4.8	10	1	M10*1.5P
SK50-FMB22-250	369.75	250	18	/	231	19.1	22	26	48	/	4.8	10	1	M10*1.5P
SK50-FMB27-45	166.75	45	20	/	26	19.1	27	33	58	/	5.8	12	1	M12*1.75P
SK50-FMB27-60	181.75	60	20	/	41	19.1	27	33	58	/	5.8	12	1	M12*1.75P
SK50-FMB27-100	221.75	100	20	/	81	19.1	27	33	58	/	5.8	12	1	M12*1.75P
SK50-FMB27-150	271.75	150	20	/	131	19.1	27	33	58	/	5.8	12	1	M12*1.75P
SK50-FMB27-200	321.75	200	20	/	181	19.1	32	33	58	/	5.8	12	1	M12*1.75P
SK50-FMB32-45	168.75	45	22	/	26	19.1	32	40	70	/	6.8	14	1	M16*2.0P
SK50-FMB32-60	183.75	60	22	/	41	19.1	32	40	70	/	6.8	14	1	M16*2.0P
SK50-FMB32-100	223.75	100	22	/	81	19.1	32	40	70	/	6.8	14	1	M16*2.0P
SK50-FMB32-150	273.75	150	22	/	231	19.1	32	40	70	/	6.8	14	1	M16*2.0P
SK50-FMB32-200	323.75	200	22	/	281	19.1	32	40	70	/	6.8	14	1	M16*2.0P
SK50-FMB40-50	176.75	50	25	/	31	19.1	40	50	80	/	8.3	16	1	M16*2.0P
SK50-FMB40-70	191.75	70	25	/	41	19.1	40	50	80	/	8.3	16	1	M16*2.0P
SK50-FMB40-100	226.75	100	25	/	81	19.1	40	50	80	/	8.3	16	1	M16*2.0P
SK50-FMB40-150	276.75	150	25	/	131	19.1	40	50	80	/	8.3	16	1	M16*2.0P
SK50-FMB40-200	326.75	200	25	/	181	19.1	40	50	80	/	8.3	16	1	M16*2.0P
SK50-FMB50-60	181.75	60	30	/	41	19.1	50	68	95	/	9.7	19	1	M24*3.0P
SK50-FMB50-100	221.75	100	30	/	81	19.1	50	68	95	/	9.7	19	1	M24*3.0P
SK40-FMB40F-60(四螺孔)	153.4	60	25	66.7	41	19.1	40	/	99	M12*1.75P	8.3	16	1	M16*2.0P
SK50-FMB40F-70(四螺孔)	196.75	70	25	66.7	51	19.1	40	/	99	M12*1.75P	8.3	16	1	M16*2.0P
SK50-FMB40F-100(四螺孔)	226.75	100	25	66.7	81	19.1	40	/	99	M12*1.75P	8.3	16	1	M16*2.0P
SK50-FMB40F-150(四螺孔)	276.8	150	25	66.7	131	19.1	40	/	99	M12*1.75P	8.3	16	1	M16*2.0P
SK50-FMB40F-200(四螺孔)	326.8	200	25	66.7	181	19.1	40	/	99	M12*1.75P	8.3	16	1	M16*2.0P
SK50-FMB60-70(四螺孔)	196.75	70	25	101.6	51	19.1	60	/	128	M16*2.0P	12.5	25.4	2	M16*2.0P

SK60-FMB 平面铣刀柄 SK60-FMB FACE MILL ARBOR







P.J24



P.M02

规格 / 型号 Model	L	L1	L2	PCD	L4	d1	d2	d3	四螺孔	k1	k2	螺孔 M
SK60-FMB22-100	279.8	100	18	/	81	22	26	48	/	4.8	10	M10*1.5P
SK60-FMB22-150	329.8	150	18	/	131	22	26	48	/	4.8	10	M10*1.5P
SK60-FMB27-100	281.8	100	20	/	81	27	33	58	/	5.8	12	M12*1.75P
SK60-FMB32-100	283.8	100	22	/	81	32	40	70	/	6.8	14	M16*2.0P
SK60-FMB40F-100	286.8	100	25	66.7	81	40	50	110	M12*1.75P	8.3	16	M16*2.0P
SK60-FMB60-75	261.8	75	25	101.6	56	60	-	128	M16*2.0P	12.5	25.4	M16*2.0P

特点：

注：

◎本体锥柄规格：DIN69871-A 或 GB10944

◎中心通孔有利于出水及抗震性强

◎平面铣刀配合部位（d）轴系公轴 h6

◎适用于平面铣削加工

◎可定制非常规长度

◎拉钉须另行购买

Features:

◎ Spindle conicity standard：DIN69871A or GB10944

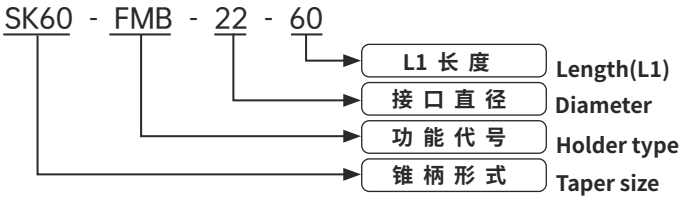
◎ With water through design that reduces vibration and steady for cutting.

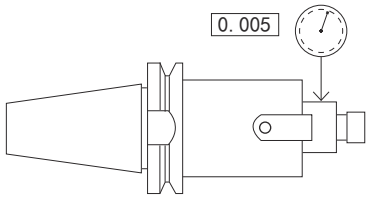
◎ Connecting part(d) designed for metric size.

◎ Tool holders with BT shank for face mill chuck, Face mill holders equipped with screws and drive keys to assemble the mill cutter to holder.

◎ Can be made upon requested dimensions.

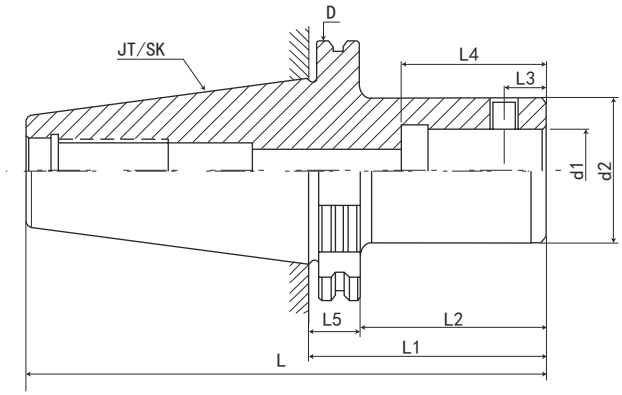
◎ The pull stud must purchase alone.





SK40-LBK 镗头刀柄 SK40-LBK BORING HEAD SHANK






P.J 24


P.K39

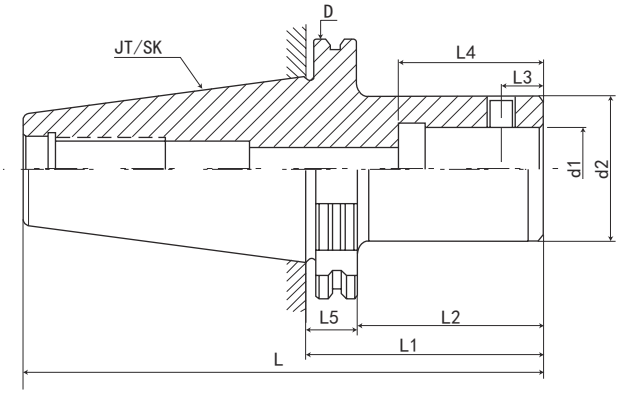

P.J 70


P.J 30

规格 / 型号 Model	L	L1	L2	L3	L4	L5	D	d2	d1	侧边螺丝	重量 KGS
SK40-LBK1-75	143.4	75	55.9	5.05	30	19.1	63.55	19	11	M4*0.5P	1
SK40-LBK1-105	168.4	105	85.9	5.05	30	19.1	63.55	19	11	M4*0.5P	1.2
SK40-LBK2-85	153.4	85	65.9	6.62	31	19.1	63.55	24	14	M5*0.5P	1.2
SK40-LBK2-115	178.4	115	95.9	6.62	31	19.1	63.55	24	14	M5*0.5P	1.3
SK40-LBK3-95	163.4	95	75.9	8	35	19.1	63.55	31	18	M6*0.75P	1.3
SK40-LBK3-125	188.4	125	105.9	8	35	19.1	63.55	31	18	M6*0.75P	1.2
SK40-LBK3-155	218.4	155	135.9	8	35	19.1	63.55	31	18	M6*0.75P	1.6
SK40-LBK4-85	153.4	85	65.9	10	39	19.1	63.55	39	22	M8*0.75P	1.7
SK40-LBK4-130	193.4	130	110.9	10	39	19.1	63.55	39	22	M8*0.75P	1.45
SK40-LBK4-175	243.4	175	155.9	10	39	19.1	63.55	39	22	M8*0.75P	1.5
SK40-LBK4-205	273.4	205	185.9	10	39	19.1	63.55	39	22	M8*0.75P	2.1
SK40-LBK4-300	368.4	300	280.9	10	39	19.1	63.55	39	22	M8*0.75P	2.2
SK40-LBK5-75	143.4	75	55.9	13	45	19.1	63.55	50	28	M10*1.0P	2.3
SK40-LBK5-125	188.4	125	105.9	13	45	19.1	63.55	50	28	M10*1.0P	1.7
SK40-LBK5-175	243.4	175	155.9	13	45	19.1	63.55	50	28	M10*1.0P	1.95
SK40-LBK5-205	273.4	205	185.9	13	45	19.1	63.55	50	28	M10*1.0P	3
SK40-LBK5-250	318.4	250	230.9	13	45	19.1	63.55	50	28	M10*1.0P	3.2
SK40-LBK6-65	133.4	65	45.9	16	55	19.1	63.55	63	36	M12*1.0P	3.5
SK40-LBK6-115	178.4	115	95.9	16	55	19.1	63.55	63	36	M12*1.0P	2.15
SK40-LBK6-165	233.4	165	145.9	16	55	19.1	63.55	63	36	M12*1.0P	3.5
SK40-LBK6-205	273.4	205	185.9	16	55	19.1	63.55	63	36	M12*1.0P	3.85
SK40-LBK6-250	318.4	250	230.9	16	55	19.1	63.55	63	36	M12*1.0P	4.1
SK40-LBK6-300	368.4	300	280.9	16	55	19.1	63.55	63	36	M12*1.0P	4.5

SK50-LBK 镗头刀柄 SK50-LBK BORING HEAD SHANK






P.J 24


P.J 39


P.J 70


P.J 30

规格 / 型号 Model	L	L1	L2	L3	L4	L5	D	d2	d1	侧边螺丝	重量 KGS
SK50-LBK1-90	191.75	90	70.9	5.05	30	19.1	97.5	19	11	M4*0.5P	3.7
SK50-LBK1-115	216.75	115	95.9	5.05	30	19.1	97.5	19	11	M4*0.5P	3.9
SK50-LBK1-145	246.75	145	125.9	5.05	30	19.1	97.5	19	11	M4*0.5P	4.4
SK50-LBK2-90	191.75	90	70.9	6.62	31	19.1	97.5	24	14	M5*0.5P	4.5
SK50-LBK2-110	211.75	110	90.9	6.62	31	19.1	97.5	24	14	M5*0.5P	4
SK50-LBK2-140	241.75	140	120.9	6.62	31	19.1	97.5	24	14	M5*0.5P	5
SK50-LBK3-90	191.75	90	70.9	8	35	19.1	97.5	31	18	M6*0.75P	4.4
SK50-LBK3-125	226.75	125	105.9	8	35	19.1	97.5	31	18	M6*0.75P	4.4
SK50-LBK3-155	256.75	155	135.9	8	35	19.1	97.5	31	18	M6*0.75P	4.6
SK50-LBK3-185	286.75	185	165.9	8	35	19.1	97.5	31	18	M6*0.75P	4.75
SK50-LBK4-90	191.75	90	70.9	10	39	19.1	97.5	39	22	M8*0.75P	4.6
SK50-LBK4-115	216.75	115	95.9	10	39	19.1	97.5	39	22	M8*0.75P	4.8
SK50-LBK4-145	246.75	145	125.9	10	39	19.1	97.5	39	22	M8*0.75P	4.95
SK50-LBK4-175	276.75	175	155.9	10	39	19.1	97.5	39	22	M8*0.75P	5.1
SK50-LBK4-205	306.75	205	185.9	10	39	19.1	97.5	39	22	M8*0.75P	5.2
SK50-LBK4-250	351.75	250	230.9	10	39	19.1	97.5	39	22	M8*0.75P	5.5
SK50-LBK4-300	401.75	300	280.9	10	39	19.1	97.5	39	22	M8*0.75P	5.6
SK50-LBK5-90	191.75	90	70.9	13	45	19.1	97.5	50	28	M10*1.0P	5.4
SK50-LBK5-105	206.75	105	85.9	13	45	19.1	97.5	50	28	M10*1.0P	5.5
SK50-LBK5-150	251.75	150	130.9	13	45	19.1	97.5	50	28	M10*1.0P	6
SK50-LBK5-180	281.75	180	160.9	13	45	19.1	97.5	50	28	M10*1.0P	6.2
SK50-LBK5-240	341.75	240	220.9	13	45	19.1	97.5	50	28	M10*1.0P	6.4
SK50-LBK5-270	371.75	270	250.9	13	45	19.1	97.5	50	28	M10*1.0P	6.7
SK50-LBK5-300	401.75	300	280.9	13	45	19.1	97.5	50	28	M10*1.0P	7
SK50-LBK5-350	451.75	350	330.9	13	45	19.1	97.5	50	28	M10*1.0P	7.3
SK50-LBK5-400	501.75	400	380.9	13	45	19.1	97.5	50	28	M10*1.0P	7.6
SK50-LBK6-90	191.75	90	70.9	16	55	19.1	97.5	63	36	M12*1.0P	5.9
SK50-LBK6-105	206.75	105	85.9	16	55	19.1	97.5	63	36	M12*1.0P	6.5
SK50-LBK6-150	251.75	150	130.9	16	55	19.1	97.5	63	36	M12*1.0P	6.7
SK50-LBK6-170	271.75	170	150.9	16	55	19.1	97.5	63	36	M12*1.0P	6.9
SK50-LBK6-180	281.75	180	160.9	16	55	19.1	97.5	63	36	M12*1.0P	7
SK50-LBK6-230	331.75	230	210.9	16	55	19.1	97.5	63	36	M12*1.0P	7.45
SK50-LBK6-270	371.75	270	250.9	16	55	19.1	97.5	63	36	M12*1.0P	8.2
SK50-LBK6-300	401.75	300	280.9	16	55	19.1	97.5	63	36	M12*1.0P	9.5
SK50-LBK6-350	451.75	350	330.9	16	55	19.1	97.5	63	36	M12*1.0P	10.8
SK50-LBK6-400	501.75	400	380.9	16	55	19.1	97.5	63	36	M12*1.0P	11.3
SK50-LBK6-450	551.75	450	430.9	16	55	19.1	97.5	63	36	M12*1.0P	11.8
SK50-LBK6-500	601.75	500	480.9	16	55	19.1	97.5	63	36	M12*1.0P	12.3

SK-MTA 带扁尾莫氏刀柄 SK-MTA TAPER ADAPTER(MORSE)



P.J 24

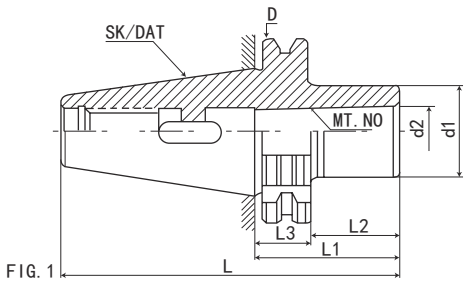


FIG. 1

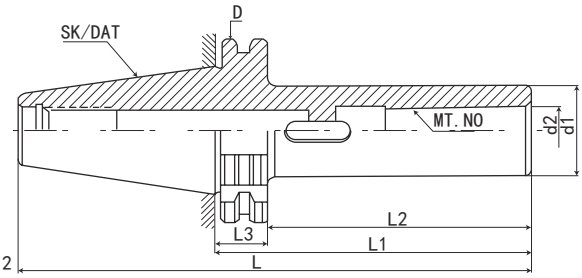


FIG. 2

规格 / 型号 Model	FIG	L	L1	L2	L3	d1	d2	D	夹持钻头范围	重量 KGS
SK30-MTA1-50	1	97.8	50	31	19.1	25	12.065	50	ϕ2-ϕ14	0.55
SK30-MTA2-60	1	107.8	60	41	19.1	32	17.780	50	Φ14-ϕ23	0.80
SK30-MTA3-75	1	122.8	70	51	19.1	40	23.825	50	Φ23-ϕ32	1
规格 / 型号 Model	FIG	L	L1	L2	L3	d1	d2	D	夹持钻头范围	重量 KGS
SK40-MTA1-50	1	118.4	50	31	19.1	25	12.065	63.55	ϕ2-ϕ14	1.2
SK40-MTA2-50	1	118.4	50	31	19.1	32	17.780	63.55	Φ14-ϕ23	1
SK40-MTA3-70	1	138.4	70	51	19.1	40	23.825	63.55	Φ23-ϕ32	1.10
SK40-MTA4-95	1	163.4	95	71	19.1	48	31.267	63.55	ϕ32-ϕ50	1.35
规格 / 型号 Model	FIG	L	L1	L2	L3	d1	d2	D	夹持钻头范围	重量 KGS
SK50-MTA1-45	1	146.75	45	26	19.1	25	12.065	97.5	ϕ2-ϕ14	3
SK50-MTA1-120	2	221.75	120	101	19.1	25	12.065	97.5	ϕ2-ϕ14	4.6
SK50-MTA2-60L	1	161.75	60	41	19.1	32	17.780	97.5	Φ14-ϕ23	3.1
SK50-MTA2-135	2	236.75	135	116	19.1	32	17.780	97.5	Φ14-ϕ23	4.8
SK50-MTA2-180	2	281.75	180	161	19.1	32	17.780	97.5	Φ14-ϕ23	5
SK50-MTA3-65	1	166.75	65	46	19.1	40	23.825	97.5	Φ23-ϕ32	3.2
SK50-MTA3-150	2	251.75	150	131	19.1	40	23.825	97.5	Φ23-ϕ32	5
SK50-MTA3-180	2	281.75	180	161	19.1	40	23.825	97.5	Φ23-ϕ32	5.2
SK50-MTA4-75	1	176.75	75	56	19.1	48	31.267	97.5	ϕ32-ϕ50	3.2
SK50-MTA4-95	1	196.75	95	76	19.1	48	31.267	97.5	ϕ32-ϕ50	3.4
SK50-MTA4-180	2	281.75	180	161	19.1	48	31.267	97.5	ϕ32-ϕ50	5.5
SK50-MTA5-105	1	206.75	105	86	19.1	65	44.399	97.5	ϕ50-ϕ75	3.6
SK50-MTA5-200	2	301.75	200	181	19.1	65	44.399	97.5	ϕ50-ϕ75	7.2
SK50-MTA6-200	1	301.75	200	181	19.1	85	63.348	97.5	ϕ75-ϕ100	5.2
SK50-MTA6-280	2	381.75	280	261	19.1	85	63.348	97.5	ϕ75-ϕ100	10

特点:

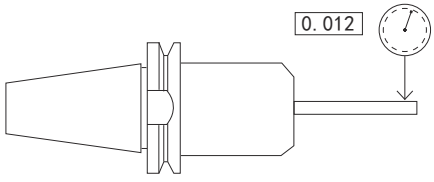
注:
◎本体锥柄规格：DIN69871-A 或 GB10944
◎刀柄用于带扁尾莫氏锥柄刀具、钻头、铰刀等
◎钻头莫氏柄
◎拉钉须另行购买

Features:

◎ Spindle conicity standard：DIN69871A or GB10944
◎ Used in Morse conicity tools, drill chuck, reamer and so on.
◎ Dimensions
◎ The pull stud must purchase alone.

SK40 - MTA - 3 - 75

L1 长 度	Length(L1)
莫氏锥度号	Morse taper no.
有扁尾莫氏锥孔	Morse taper holder type A
锥 柄 形 式	Taper size



SK60-MTA 带扁尾莫氏刀柄 SK60-MTA TAPER ADAPTER(MORSE)



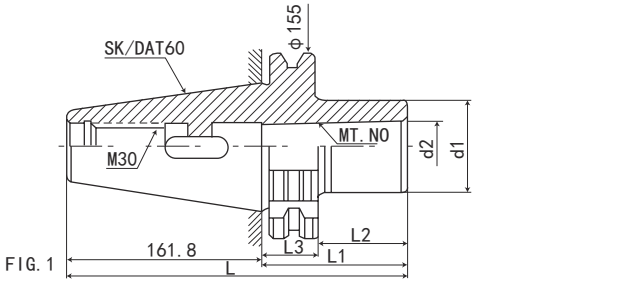


FIG. 1

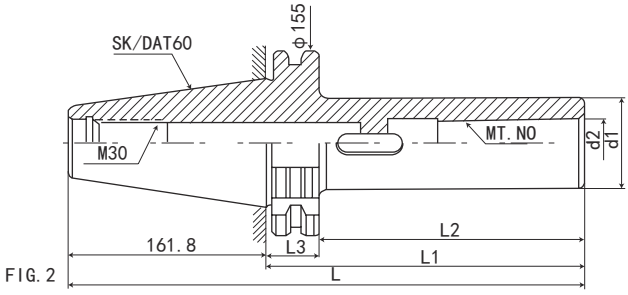


FIG. 2



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规格 / 型号 Model	FIG	L	L1	L2	L3	d1	d2	D	夹持钻头范围
SK60-MTA3-100	1	261.8	100	81	19.1	40	23.825	155	Φ23-φ32
SK60-MTA3-190	2	351.8	190	171	19.1	40	23.825	155	Φ23-φ32
SK60-MTA4-110	1	271.8	110	91	19.1	48	31.267	155	φ32-φ50
SK60-MTA4-210	2	371.8	210	191	19.1	48	31.267	155	φ32-φ50
SK60-MTA5-135	1	296.8	135	116	19.1	65	44.399	155	φ50-φ75
SK60-MTA5-240	2	401.8	240	221	19.1	65	44.399	155	φ50-φ75
SK60-MTA6-170	1	331.8	170	151	19.1	85	63.348	155	φ75-φ100
SK60-MTA6-310	2	471.8	310	291	19.1	85	63.348	155	φ75-φ100

特点：

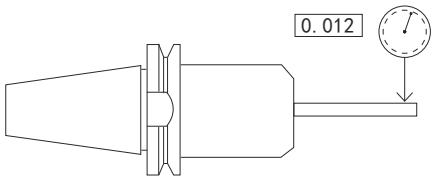
注：
◎本体锥柄规格：DIN69871-A 或 GB10944
◎刀柄用于带扁尾莫氏锥柄刀具、钻头、铰刀等
◎钻头莫氏柄
◎拉钉须另行购买

Features:

◎ Spindle conicity standard：DIN69871A or GB10944
◎ Used in Morse conicity tools, drill chuck, reamer and so on.
◎ Dimensions
◎ The pull stud must purchase alone.

SK60 - MTA - 3 - 100

L1 长 度	Length(L1)
莫氏锥度号	Morse taper no.
有扁尾莫氏锥孔	Morse taper holder type A
锥 柄 形 式	Taper size



SK-MTB 无扁尾莫氏刀柄 SK-MTB MORSE TAPER HOLDER



P.J 24

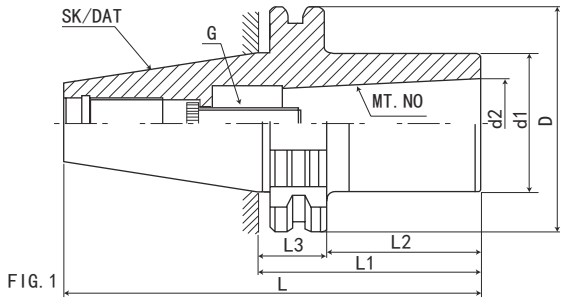


FIG. 1

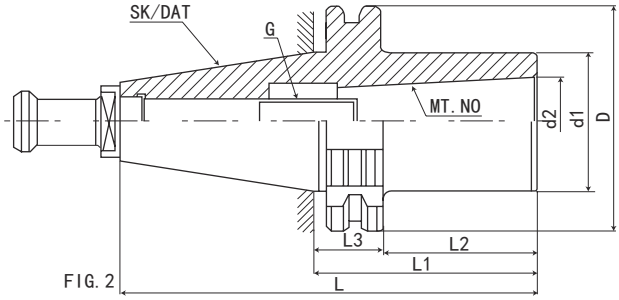


FIG. 2

规格 / 型号 Model	FIG	L	L1	L2	L3	d1	d2	D	夹持铣刀范围	重量 KGS
SK30-MTB1-50	1	97.8	50	31	19.1	25	12.065	50	ϕ10-ϕ14	0.55
SK30-MTB2-60	1	107.8	60	41	19.1	32	17.780	50	ϕ16-ϕ22	0.80
SK30-MTB3-75	2	122.8	70	51	19.1	40	23.825	50	ϕ24-ϕ32	1
规格 / 型号 Model	FIG	L	L1	L2	L3	d1	d2	D	夹持铣刀范围	重量 KGS
SK40-MTB1-50	1	118.4	50	31	19.1	25	12.065	63.55	ϕ10-ϕ14	1.2
SK40-MTB2-50	1	118.4	50	31	19.1	32	17.780	63.55	ϕ16-ϕ22	1
SK40-MTB3-70	1	138.4	70	51	19.1	40	23.825	63.55	ϕ24-ϕ32	1.10
SK40-MTB4-95	2	163.4	95	71	19.1	48	31.267	63.55	ϕ32-ϕ50	1.35
规格 / 型号 Model	FIG	L	L1	L2	L3	d1	d2	D	夹持铣刀范围	重量 KGS
SK50-MTB1-45	1	146.75	45	26	19.1	25	12.065	97.5	ϕ10-ϕ14	3
SK50-MTB1-120	1	221.75	120	101	19.1	25	12.065	97.5	ϕ10-ϕ14	4.6
SK50-MTB2-60	1	161.75	60	41	19.1	32	17.780	97.5	ϕ16-ϕ22	3.1
SK50-MTB2-135	1	236.75	135	116	19.1	32	17.780	97.5	ϕ16-ϕ22	4.8
SK50-MTB2-180	1	281.75	180	161	19.1	32	17.780	97.5	ϕ16-ϕ22	5
SK50-MTB3-65	1	166.75	65	46	19.1	40	23.825	97.5	ϕ24-ϕ32	3.2
SK50-MTB3-150	1	251.75	150	131	19.1	40	23.825	97.5	ϕ24-ϕ32	5
SK50-MTB3-180	1	281.75	180	161	19.1	40	23.825	97.5	ϕ24-ϕ32	5.2
SK50-MTB4-75	1	176.75	75	56	19.1	48	31.267	97.5	ϕ32-ϕ50	3.2
SK50-MTB4-95	1	196.75	95	76	19.1	48	31.267	97.5	ϕ32-ϕ50	3.4
SK50-MTB4-180	1	281.75	180	161	19.1	48	31.267	97.5	ϕ32-ϕ50	5.5
SK50-MTB5-105	1	206.75	105	86	19.1	65	44.399	97.5	ϕ40-ϕ75	3.6
SK50-MTB5-200	1	301.75	200	181	19.1	65	44.399	97.5	ϕ40-ϕ75	7.2
SK50-MTB6-175	1	276.75	175	156	19.1	85	63.348	97.5	ϕ75-ϕ100	5.2
SK50-MTB6-280	1	381.75	280	261	19.1	85	63.348	97.5	ϕ75-ϕ100	10

特点：

注：

◎本体锥柄规格：DIN69871-A 或 GB10944

◎刀柄用于莫氏锥柄铣刀

◎用于夹持莫氏锥度、尾端附内螺纹的切削刀具或是延长杆

◎拉钉须另行购买

Features:

◎ Spindle conicity standard：DIN69871A or GB10944

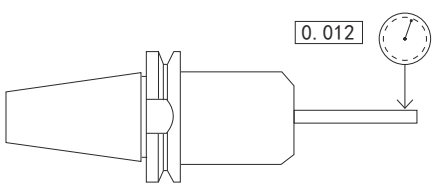
◎ Dimensions

◎ Uses in supporting on both sides not-like the taper, end to attach the box thread the cutting tool perhaps lengthens the pole.

◎ The pull stud must purchase alone.

SK40 - MTB - 2 - 45

L1 长 度	Length(L1)
莫氏锥度号	Morse taper holder no.
无扁尾莫氏锥孔	Morse taper holder type B
锥 柄 形 式	Taper size



SK60-MTB 无扁尾莫氏刀柄 SK60-MTB MORSE TAPER HOLDER





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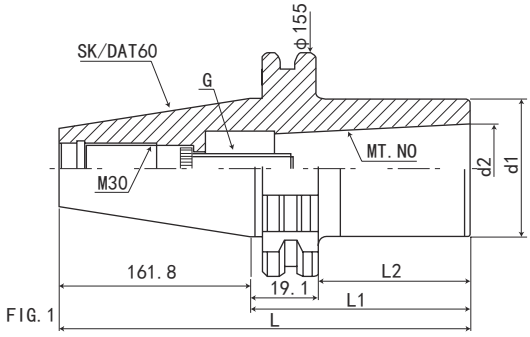


FIG. 1

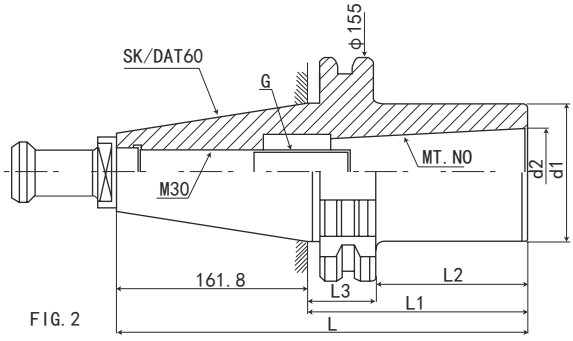


FIG. 2

规格 / 型号 Model	FIG	L	L1	L2	L3	d1	d2	D	夹持铣刀范围
SK60-MTB3-100	1	261.8	100	81	19.1	40	23.825	155	φ24-φ32
SK60-MTB4-100	1	261.8	100	81	19.1	48	31.267	155	φ32-φ50
SK60-MTB5-100	1	261.8	100	81	19.1	65	44.399	155	φ40-φ75
SK60-MTB6-150	1	311.8	150	131	19.1	85	63.348	155	φ75-φ100

特点：

注：

◎本体锥柄规格：DIN69871-A 或 GB10944

◎刀柄用于莫氏锥柄铣刀

◎用于夹持莫氏锥度、尾端附内螺纹的切削刀具或是延长杆

◎拉钉须另行购买

Features:

◎ Spindle conicity standard：DIN69871A or GB10944

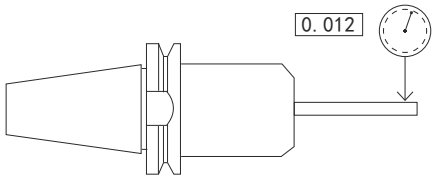
◎ Dimensions

◎ Uses in supporting on both sides not-like the taper, end to attach the box thread the cutting tool perhaps lengthens the pole.

◎ The pull stud must purchase alone.

SK60 - MTB - 3 - 100

L1 长 度	Length(L1)
莫氏锥度号	Morse taper holder no.
无扁尾莫氏锥孔	Morse taper holder type B
锥 柄 形 式	Taper size



SK-APU 一体式钻夹头刀柄 SK-APU DRILL CHUCK HOLDER



FIG. 1

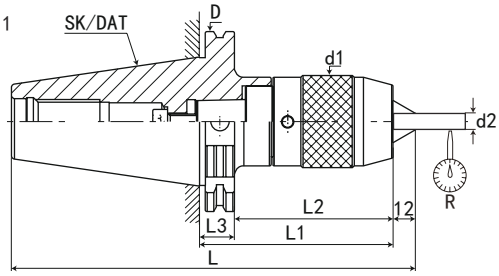
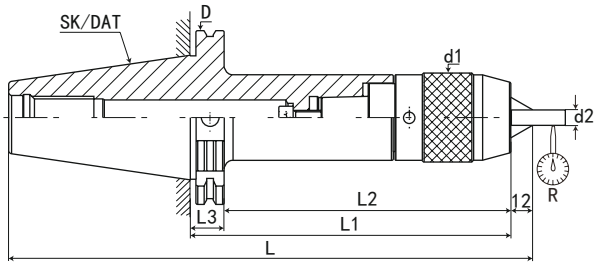


FIG. 2

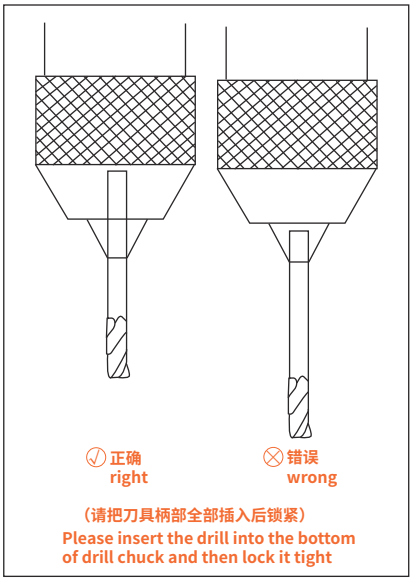



P.J 31


P.J 24


P.J 58

规 格 Model	L1	L	L2	L3	d1	d2	D	R	重量 KGS
SK40-APU08-85	85	162.4	58	16	37	6	63.55	0.08	1.46
SK40-APU13-110	110	187.4	83	16	50	13	63.55	0.08	2
SK40-APU13-150	110	187.4	93	16	57	16	63.55	0.08	2.35
SK40-APU16-110	150	227.4	83	16	50	13	63.55	0.08	2.3
SK40-APU16-150	150	227.4	93	16	57	16	63.55	0.08	2.5
SK50-APU08-90	90	203.8	52	16	37	6	97.5	0.08	4.16
SK50-APU13-105	105	218.8	67	16	50	13	97.5	0.08	4.7
SK50-APU13-120	120	233.8	92	16	50	13	97.5	0.08	5.5
SK50-APU13-180	180	293.8	142	16	50	13	97.5	0.08	5.85
SK50-APU16-105	105	218.8	67	16	57	16	97.5	0.08	5.03
SK50-APU16-120	120	233.8	92	16	57	16	97.5	0.08	5.35
SK50-APU16-180	180	293.8	142	16	57	16	97.5	0.08	5.85



特点：

注：

◎一体式结构，减少了连接误差精度，内部用螺纹结构，就不会出现夹头脱落现象

◎用于钻头、铰刀等夹持，不可用于丝锥和铣刀夹持

◎一体刀柄缩短刀具长度，提高加工精度，增加使用寿命

◎有自锁功能，附带专用扳手，请勿用其它工具

◎ APU 偏摆精度为 0.06，如需更高精度要求请使用 ER 或 SK 系列

◎扳手、拉钉须另行购买

Features:

◎ The shank and keyless drill chuck are combined together so as to avoid the drill chuck slipping out for heavy-duty and high speed cutting and improve the precision.

◎ Not be used for gripping draw bolt and milling tools, instead of drill bit and reamer.

◎ APU drill chuck shorten the length while length the working life of tool.

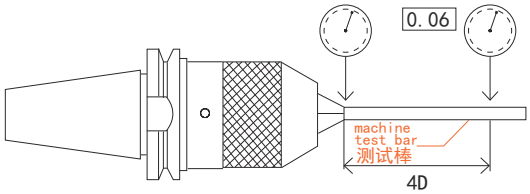
◎ Each APU drill chuck attached 1pc APU wrench.

◎ The APU leaning precision is 0.06mm, like the need high accuracy request, please use ER or the SK serise.

◎ The spanner、 pull stud must purchase alone.

SK40 - APU - 13 - 110

- L1 长 度 — Length(L1)
- 最大夹持直径 — Max grip diameter
- 功 能 代 号 — Holder type
- 锥 柄 形 式 — Taper size



SK-SLN 侧固式刀柄 SK-SLN SIDE LOCK END MILL HOLDER



FIG. 1

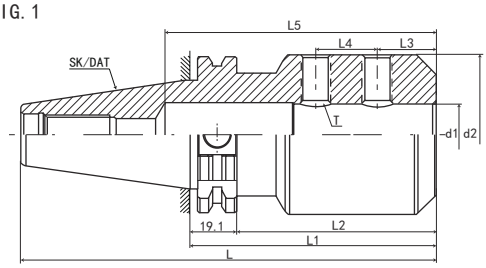
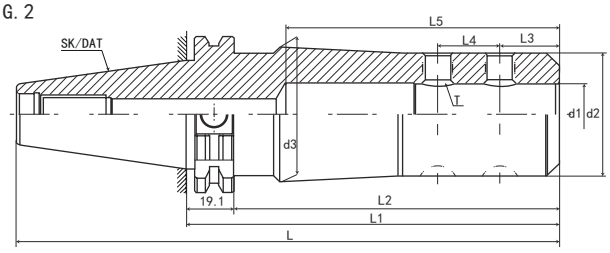




FIG. 2



P.J 24

P.O03

规 格 Model	FIG	L	L1	L2	L3	L4	L5	d1	d2	d3	T
SK30-SLN6-50	FIG1	97.8	50	31	18	-	50	6	25	25	M5*0.8P
SK30-SLN8-50	FIG1	97.8	50	31	18	-	50	8	28	28	M6*1.0P
SK30-SLN10-50	FIG1	97.8	50	31	20	-	55	10	35	35	M8*1.25
SK30-SLN12-50	FIG1	97.8	50	31	22.5	-	60	12	42	42	M10*1.5P
SK30-SLN16-63	FIG1	110.8	63	44	24	-	60	16	45	45	M12*1.75P
SK40-SLN6-50	FIG1	118.4	50	31	18	-	50	6	25	25	M5*0.8P
SK40-SLN8-50	FIG1	118.4	50	31	18	-	50	8	28	28	M6*1.0P
SK40-SLN10-50	FIG1	118.4	50	31	20	-	55	10	35	35	M8*1.25
SK40-SLN12-50	FIG1	118.4	50	31	22.5	-	60	12	42	42	M10*1.5P
SK40-SLN16-63	FIG1	131.4	63	44	24	-	100	16	45	45	M12*1.75P
SK40-SLN16-100	FIG1	168.4	100	81	22	18	100	16	45	45	M12*1.75P
SK40-SLN16-150	FIG2	218.4	150	131	22	18	100	16	38	48	M10*1.5P
SK40-SLN20-63	FIG1	131.4	63	44	25	-	100	20	50	50	M12*1.76P
SK40-SLN20-100	FIG1	168.4	100	81	25	20	100	20	50	50	M12*1.77P
SK40-SLN20-150	FIG2	218.4	150	131	25	20	100	20	45	50	M12*1.77P
SK40-SLN25-100	FIG1	168.4	100	81	24	25	110	25	65	65	M12*1.77P
SK40-SLN25-150	FIG2	218.4	150	131	24	25	110	25	50	55	M12*1.77P
SK40-SLN32-100	FIG1	168.4	100	81	24	28	120	32	70	70	M16*2.0P
SK40-SLN32-150	FIG2	218.4	150	131	24	28	120	32	58	63	M16*2.0P

特点：

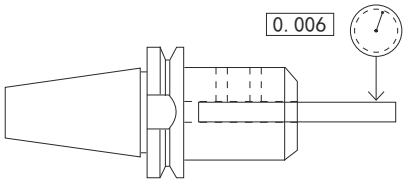
注：
◎本体锥柄规格：DIN69871-A 或 GB10944
◎孔径公差 H5
◎刚性夹持，用于重切削
◎侧固式刀柄被用作刀具的工具刀柄
◎装入刀具时，刀具的槽口平面部分与刀柄的侧固螺钉对齐，强力锁定
◎拉钉须另行购买

Features:

◎ Spindle conicity standard:JDIN69871A or GB10944
◎ Aperture tolerance:H5.
◎ Used for remachining with rigidly grip.
◎ Face mill chuck used to be the holder of cutting tools.
◎ When attaching, cutting tools,with strong side aligned lock between the plane of the part and notch solid screws.
◎ The pull stud must purchase alone.

SK40 - SLN - 20 - 100

L1 长 度	Length(L1)
刀 杆 直 径	Diameter
功 能 代 号	Holder type
锥 柄 形 式	Taper size



SK50-SLN 侧固式刀柄 SK50-SLN SIDE LOCK END MILL HOLDER





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FIG. 1

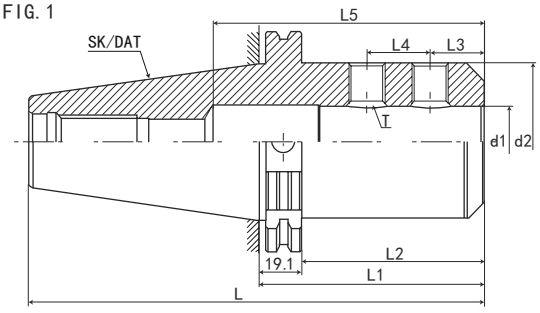
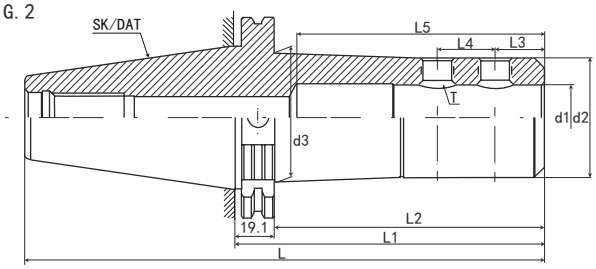


FIG. 2



规格 / 型号 Model	FIG	L	L1	L2	L3	L4	L5	d1	d2	d3	T
SK50-SLN6-63	FIG1	164.75	63	44	18	-	50	6	25	25	M5*0.8P
SK50-SLN6-100	FIG1	201.75	100	81	18	18	50	6	25	25	M5*0.8P
SK50-SLN8-63	FIG1	164.75	63	44	18	-	50	8	28	28	M6*1.0P
SK50-SLN8-100	FIG1	201.75	100	81	18	18	50	8	28	28	M6*1.0P
SK50-SLN10-63	FIG1	164.75	63	44	20	18	55	10	35	35	M8*1.25
SK50-SLN10-100	FIG1	201.75	100	81	20	18	55	10	35	35	M8*1.25
SK50-SLN12-63	FIG1	164.75	63	44	22.5	18	60	12	42	42	M10*1.5P
SK50-SLN12-100	FIG1	201.75	100	81	22.5	18	60	12	42	42	M10*1.5P
SK50-SLN16-63	FIG1	164.75	63	44	24	-	100	16	45	45	M12*1.75P
SK50-SLN16-100	FIG1	201.75	100	81	22	18	100	16	45	45	M12*1.75P
SK50-SLN16-150	FIG2	251.75	150	131	22	18	100	16	38	45	M10*1.5P
SK50-SLN20-63	FIG1	164.75	63	44	25	-	100	20	50	50	M12*1.75P
SK50-SLN20-100	FIG1	201.75	100	81	25	20	100	20	50	50	M12*1.75P
SK50-SLN20-150	FIG2	251.75	150	131	25	20	100	20	45	50	M12*1.75P
SK50-SLN25-80	FIG1	181.75	80	61	24	-	110	25	65	65	M12*1.75P
SK50-SLN25-100	FIG1	201.75	100	81	24	25	110	25	65	65	M12*1.75P
SK50-SLN25-150	FIG2	251.75	150	131	24	25	110	25	50	55	M12*1.75P
SK50-SLN32-100	FIG1	201.75	100	81	24	28	120	32	70	70	M16*2.0P
SK50-SLN32-150	FIG2	251.75	150	131	24	28	120	32	58	63	M16*2.0P
SK50-SLN32-200	FIG2	301.75	200	181	24	28	120	32	58	63	M16*2.0P
SK50-SLN40-115	FIG1	216.75	115	96	30	32	120	40	80	80	M20*2.0P
SK50-SLN40-150	FIG2	251.75	150	131	30	32	120	40	70	75	M16*2.0P
SK50-SLN40-200	FIG2	301.75	200	181	30	32	120	40	70	75	M16*2.0P
SK50-SLN42-100	FIG1	201.75	100	81	30	32	120	42	80	80	M20*2.0P
SK50-SLN42-150	FIG2	251.75	150	131	30	32	120	42	75	80	M16*2.0P
SK50-SLN42-200	FIG2	301.75	200	181	30	32	120	42	75	80	M16*2.0P
SK50-SLN50-120	FIG1	221.75	120	101	35	35	120	50	90	90	M20*2.0P
SK50-SLN50-150	FIG1	251.75	150	131	35	35	120	50	85	90	M20*2.0P
SK50-SLN50.8-120	FIG1	221.75	120	101	35	35	120	50.8	90	90	M20*2.0P
SK50-SLN50.8-150	FIG1	251.75	150	131	35	35	120	50.8	85	90	M20*2.0P

特点：

注：
◎本体锥柄规格：DIN69871-A 或 GB10944
◎孔径公差 H5
◎刚性夹持，用于重切削
◎侧固式刀柄被用作刀具的工具刀柄
◎装入刀具时，刀具的槽口平面部分与刀柄的侧固螺钉对齐，强力锁定
◎拉钉须另行购买

Features:

◎ Spindle conicity standard:JDIN69871A or GB10944
◎ Aperture tolerance:H5.
◎ Used for remachining with rigidly grip.
◎ Face mill chuck used to be the holder of cutting tools.
◎ When attaching, cutting tools,with strong side aligned lock between the plane of the part and notch solid screws.
◎ The pull stud must purchase alone.

SK60-SLN 侧固式刀柄 SK60-SLN SIDE LOCK END MILL HOLDER







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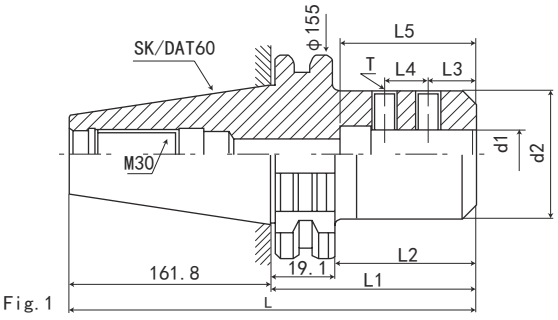


Fig. 1

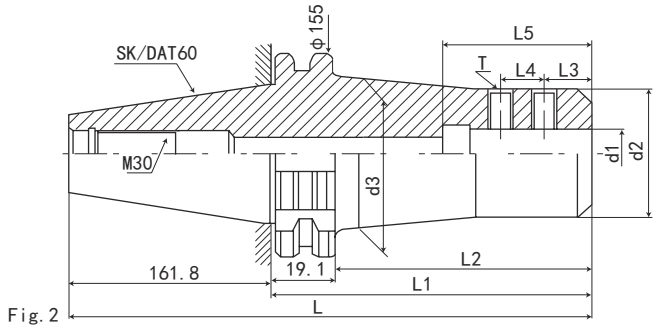


Fig. 2

规格 / 型号 Model	FIG	L	L1	L2	L3	L4	L5	d1	d2	d3	T
SK60-SLN20-100	1	261.8	100	81	25	20	100	20	50	-	M12*1.75P
SK60-SLN25-100	1	261.8	100	81	24	25	110	25	65	-	M12*1.75P
SK60-SLN32-100	1	261.8	100	81	24	28	120	32	70	-	M16*2.0P
SK60-SLN40-100	1	261.8	100	81	30	32	120	40	80	-	M20*2.0P
SK60-SLN42-100	1	261.8	100	81	30	32	120	42	80	-	M20*2.0P
SK60-SLN50-125	1	286.8	125	106	35	35	120	50	90	-	M20*2.0P
SK60-SLN50.8-125	1	286.8	125	106	35	35	120	50.8	90	-	M20*2.0P

特点:

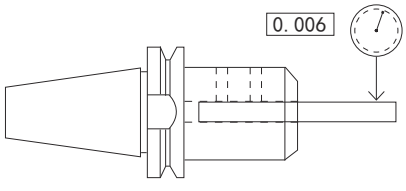
注:
◎本体锥柄规格：DIN69871-A 或 GB10944
◎孔径公差 H5
◎刚性夹持，用于重切削
◎侧固式刀柄被用作刀具的工具刀柄
◎装入刀具时，刀具的槽口平面部分与刀柄的侧固螺钉对齐，强力锁定
◎拉钉须另行购买

Features:

◎ Spindle conicity standard:JDIN69871A or GB10944
◎ Aperture tolerance:H5.
◎ Used for remachining with rigidly grip.
◎ Face mill chuck used to be the holder of cutting tools.
◎ When attaching, cutting tools, with strong side aligned lock between the plane of the part and notch solid screws.
◎ The pull stud must purchase alone.

SK60 - SLN - 20 - 100

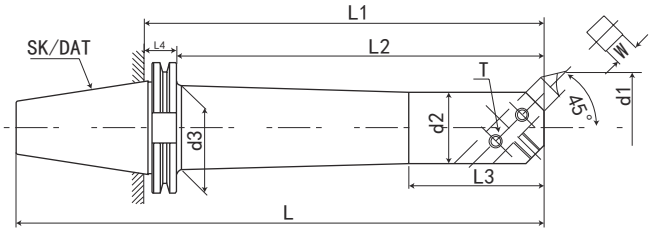
- 100 → L1 长 度 Length(L1)
- 20 → 刀 杆 直 径 Diameter
- SLN → 功 能 代 号 Holder type
- SK60 → 锥 柄 形 式 Taper size



SK-BSA 45°粗镗刀杆（盲孔）

SK-BSA 45° DEGREE SLANT-INSERTED TYPE ROUGH BORING HOLDERS







P.J 24



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规格 / 型号 Model	d1		d2	d3	D	L	L1	L2	L3	L4	W	T	重量 KGS
	最小加工孔	最大加工孔											
SK40-BSA25-120	25	38	20	22	63.55	188.4	120	100.9	35	19.1	8	M6*1.0P	1.2
SK40-BSA30-150	30	42	24	26	63.55	218.4	150	130.9	40	19.1	8	M6*1.0P	1.4
SK40-BSA38-165	38	52	30	33	63.55	233.4	165	145.9	50	19.1	10	M8*1.25P	1.7
SK40-BSA42-165	42	56	34	37	63.55	233.4	165	145.9	60	19.1	10	M8*1.25P	2
SK40-BSA50-165	50	65	40	44	63.55	233.4	165	145.9	65	19.1	13	M10*1.5P	2.3
SK40-BSA62-180	62	90	50	56	63.55	248.4	180	160.9	80	19.1	16	M10*1.5P	2.4
SK40-BSA72-180	72	110	60	/	63.55	248.4	180	160.9	95	19.1	19	M10*1.5P	3.9
SK40-BSA90-180	90	125	75	/	63.55	248.4	180	160.9	110	19.1	19	M12*1.75P	5.2
SK40-BSA50-220	50	65	40	44	63.55	288.4	220	200.9	65	19.1	13	M10*1.5P	2.8
SK40-BSA62-220	62	90	50	56	63.55	288.4	220	200.9	80	19.1	16	M10*1.5P	2.9
SK40-BSA72-220	72	110	60	66	63.55	288.4	220	200.9	95	19.1	19	M10*1.5P	4.4
SK40-BSA90-220	90	125	75	80	63.55	288.4	220	200.9	110	19.1	19	M12*1.75P	5.7
规格 / 型号 Model	d1		d2	d3	D	L	L1	L2	L3	L4	W	T	重量 KGS
	最小加工孔	最大加工孔											
SK50-BSA25-135	25	38	20	22	97.5	236.75	135	115.9	35	19.1	8	M6*1.0P	4.2
SK50-BSA25-185	25	38	20	22	97.5	286.75	185	165.9	35	19.1	8	M6*1.0P	4.4
SK50-BSA30-165	30	42	24	26	97.5	266.75	165	145.9	40	19.1	8	M6*1.0P	4.4
SK50-BSA38-180	38	52	30	33	97.5	281.75	180	160.9	50	19.1	10	M8*1.25P	4.8
SK50-BSA38-240	38	52	30	33	97.5	341.75	240	220.9	50	19.1	10	M8*1.25P	5
SK50-BSA42-210	42	56	34	37	97.5	311.75	210	190.9	60	19.1	10	M8*1.25P	5
SK50-BSA50-180	50	65	40	44	97.5	281.75	180	160.9	65	19.1	13	M10*1.5P	5.4
SK50-BSA50-240	50	65	40	44	97.5	341.75	240	220.9	65	19.1	13	M10*1.5P	5.7
SK50-BSA50-300	50	65	40	44	97.5	401.75	300	280.9	65	19.1	13	M10*1.5P	6
SK50-BSA62-195	62	90	50	56	97.5	296.75	195	175.9	80	19.1	16	M10*1.5P	6.2
SK50-BSA62-270	62	90	50	56	97.5	371.75	270	250.9	80	19.1	16	M10*1.5P	7.6
SK50-BSA62-350	62	90	50	56	97.5	451.75	350	330.9	80	19.1	16	M10*1.5P	9
SK50-BSA62-400	62	90	50	56	97.5	501.75	400	380.9	80	19.1	16	M10*1.5P	10.4
SK50-BSA72-195	72	110	60	66	97.5	296.75	195	175.9	95	19.1	19	M10*1.5P	7
SK50-BSA72-285	72	110	60	66	97.5	386.75	285	265.9	95	19.1	19	M10*1.5P	9.2
SK50-BSA72-350	72	110	60	66	97.5	451.75	350	330.9	95	19.1	19	M10*1.5P	10.8
SK50-BSA72-400	72	110	60	66	97.5	501.75	400	380.9	95	19.1	19	M10*1.5P	12.4
SK50-BSA90-210	90	125	75	80	97.5	311.75	210	190.9	110	19.1	19	M12*1.75P	9.3
SK50-BSA90-300	90	125	75	80	97.5	401.75	300	280.9	110	19.1	19	M12*1.75P	12.3
SK50-BSA90-350	90	125	75	80	97.5	451.75	350	330.9	110	19.1	19	M12*1.75P	15.3
SK50-BSA105-195	105	160	90	/	97.5	296.75	195	175.9	130	19.1	25	M12*1.75P	10.7
SK50-BSA105-285	105	160	90	94	97.5	386.75	285	265.9	130	19.1	25	M12*1.75P	15
SK50-BSA105-300	105	160	90	94	97.5	401.75	300	280.9	130	19.1	25	M12*1.75P	13.2
SK50-BSA130-255	130	190	110	/	97.5	356.75	255	235.9	130	19.1	25	M12*1.75P	14.5
SK50-BSA130-300	130	190	110	115	97.5	401.75	300	280.9	130	19.1	25	M12*1.75P	18.5

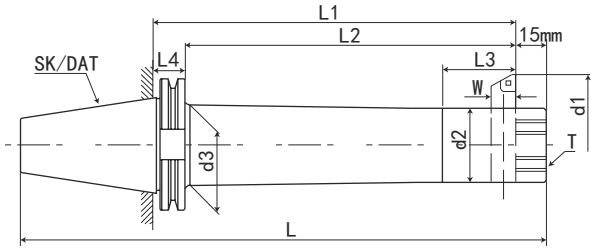
SK-BSB 90°粗镗刀杆（通孔） SK-BSB 90° DEGREE SLANT-INSERTED TYPE ROUGH BORING HOLDERS







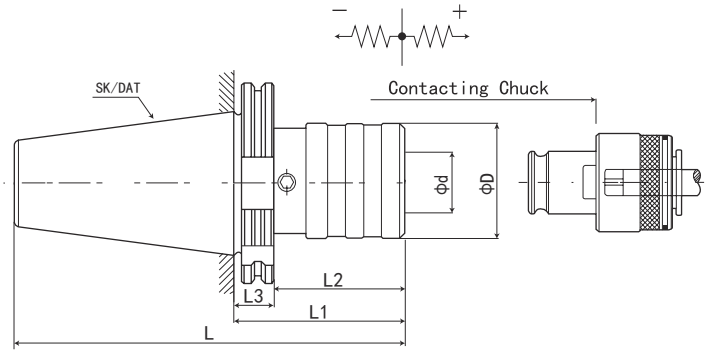
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规格 / 型号 Model	d1		d2	d3	D	L	L1	L2	L3	L4	W	T	重量 KGS
	最小加工孔	最大加工孔											
SK40-BSB25-120	25	52	20	22	63.55	203.4	120	100.9	35	19.1	8	M6*1.0P	1.2
SK40-BSB30-150	30	57	24	26	63.55	233.4	150	130.9	40	19.1	8	M6*1.0P	1.4
SK40-BSB38-165	38	70	30	33	63.55	248.4	165	145.9	50	19.1	10	M8*1.25P	1.7
SK40-BSB42-165	42	74	34	37	63.55	248.4	165	145.9	60	19.1	10	M8*1.25P	2
SK40-BSB50-165	50	90	40	44	63.55	248.4	165	145.9	65	19.1	13	M10*1.5P	2.3
SK40-BSB62-180	62	115	50	56	63.55	263.4	180	160.9	80	19.1	16	M10*1.5P	2.4
SK40-BSB72-180	72	135	60	/	63.55	263.4	180	160.9	95	19.1	19	M10*1.5P	3.9
SK40-BSB90-180	90	150	75	/	63.55	263.4	180	160.9	110	19.1	19	M12*1.75P	5.2
SK40-BSB50-220	50	90	40	44	63.55	303.4	220	200.9	65	19.1	13	M10*1.5P	2.8
SK40-BSB62-220	62	115	50	56	63.55	303.4	220	200.9	80	19.1	16	M10*1.5P	2.9
SK40-BSB72-220	72	135	60	66	63.55	303.4	220	200.9	95	19.1	19	M10*1.5P	4.4
SK40-BSB90-220	90	150	75	80	63.55	303.4	220	200.9	110	19.1	19	M12*1.75P	5.7
规格 / 型号 Model	d1		d2	d3	D	L	L1	L2	L3	L4	W	T	重量 KGS
	最小加工孔	最大加工孔											
SK50-BSB25-135	25	52	20	22	97.5	251.75	135	115.9	35	19.1	8	M6*1.0P	4.2
SK50-BSB25-185	25	52	20	22	97.5	301.75	185	165.9	35	19.1	8	M6*1.0P	4.4
SK50-BSB30-165	30	57	24	26	97.5	281.75	165	145.9	40	19.1	8	M6*1.0P	4.4
SK50-BSB38-180	38	70	30	33	97.5	296.75	180	160.9	50	19.1	10	M8*1.25P	4.8
SK50-BSB38-240	38	70	30	33	97.5	356.75	240	220.9	50	19.1	10	M8*1.25P	5
SK50-BSB42-210	42	74	34	37	97.5	326.75	210	190.9	60	19.1	10	M8*1.25P	5
SK50-BSB50-180	50	90	40	44	97.5	296.75	180	160.9	65	19.1	13	M10*1.5P	5.4
SK50-BSB50-240	50	90	40	44	97.5	356.75	240	220.9	65	19.1	13	M10*1.5P	5.7
SK50-BSB50-300	50	90	40	44	97.5	416.75	300	280.9	65	19.1	13	M10*1.5P	6
SK50-BSB62-195	62	115	50	56	97.5	311.75	195	175.9	80	19.1	16	M10*1.5P	6.2
SK50-BSB62-270	62	115	50	56	97.5	386.75	270	250.9	80	19.1	16	M10*1.5P	7.6
SK50-BSB62-350	62	115	50	56	97.5	466.75	350	330.9	80	19.1	16	M10*1.5P	9
SK50-BSB62-400	62	115	50	56	97.5	516.75	400	380.9	80	19.1	16	M10*1.5P	10.4
SK50-BSB72-195	72	135	60	66	97.5	311.75	195	175.9	95	19.1	19	M10*1.5P	7
SK50-BSB72-285	72	135	60	66	97.5	401.75	285	265.9	95	19.1	19	M10*1.5P	9.2
SK50-BSB72-350	72	135	60	66	97.5	466.75	350	330.9	95	19.1	19	M10*1.5P	10.8
SK50-BSB72-400	72	135	60	66	97.5	516.75	400	380.9	95	19.1	19	M10*1.5P	12.4
SK50-BSB90-210	90	150	75	80	97.5	326.75	210	190.9	110	19.1	19	M12*1.75P	9.3
SK50-BSB90-300	90	150	75	80	97.5	416.75	300	280.9	110	19.1	19	M12*1.75P	12.3
SK50-BSB90-350	90	150	75	80	97.5	466.75	350	330.9	110	19.1	19	M12*1.75P	15.3
SK50-BSB105-195	105	190	90	/	97.5	311.75	195	175.9	130	19.1	25	M12*1.75P	10.7
SK50-BSB105-285	105	190	90	94	97.5	401.75	285	265.9	130	19.1	25	M12*1.75P	15
SK50-BSB105-300	105	190	90	94	97.5	416.75	300	280.9	130	19.1	25	M12*1.75P	13.2
SK50-BSB130-255	130	260	110	/	97.5	371.75	255	235.9	130	19.1	25	M12*1.75P	14.5
SK50-BSB130-300	130	260	110	115	97.5	416.75	300	280.9	130	19.1	25	M12*1.75P	18.5

SK-TC 伸缩扭力攻丝刀柄 SK-TC TAPPING CHUCK WITH LENGTH COMPENSATION







P.J 24

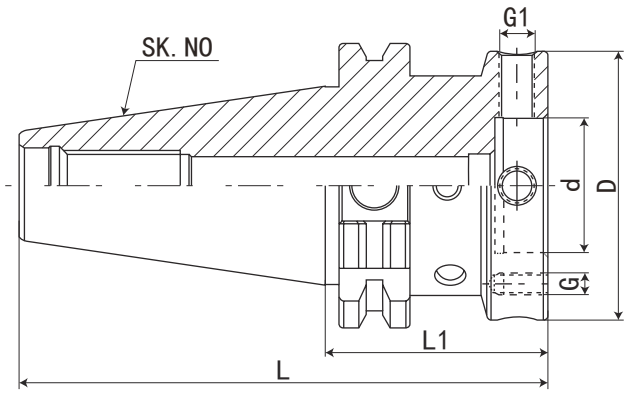
规 格 Model	攻牙范围 Gripl range	L	L1	L2	L3	D	d	夹头名称 Colllet name	重量 KGS
SK40-TC12-60	M3-M12	107.8	60	40.9	19.1	36	19	TC312	
SK40-TC20-100	M8-M20	147.8	100	80.9	19.1	53	31	TC820	
SK40-TC33-138	M14-M33	185.8	138	118.9	19.1	78	48	TC1433	
SK50-TC12-62	M3-M12	109.8	62	42.9	19.1	36	19	TC312	
SK50-TC20-83	M8-M20	130.8	83	63.9	19.1	53	31	TC820	
SK50-TC33-133	M14-M33	180.8	133	113.9	19.1	78	48	TC1433	

SK-MOD 模块刀柄 SK-MOD MODULAR TOOL HOLDER

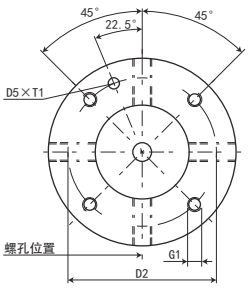


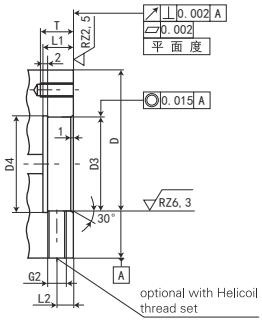


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规格 Model	L	L1	D	d	G1	G	形式 Form	重量 KGS
SK30-MOD060-050	97.8	50	60	30	M8*1.0P	M5*0.8P	AD	0.8
SK30-MOD070-050	97.8	50	70	35	M8*1.0P	M6*1.0P	AD	0.9
SK40-MOD060-050	118.4	50	60	30	M8*1.0P	M5*0.8P	AD + B	1.3
SK40-MOD070-050	118.4	50	70	35	M8*1.0P	M6*1.0P	AD + B	1.4
SK40-MOD080-055	123.4	55	80	40	M8*1.0P	M6*1.0P	AD + B	1.7
SK40-MOD100-060	128.4	60	100	50	M10*1.0P	M8*1.25P	AD + B	2.1
SK45-MOD060-050	132.7	50	60	30	M8*1.0P	M5*0.8P	AD + B	2.8
SK45-MOD070-050	132.7	50	70	35	M8*1.0P	M6*1.0P	AD + B	2.9
SK45-MOD080-055	137.7	55	80	40	M8*1.0P	M6*1.0P	AD + B	3.1
SK45-MOD100-060	142.7	60	100	50	M10*1.0P	M8*1.25P	AD + B	3.3
SK45-MOD117-060	142.7	60	117	60	M10*1.0P	M8*1.25P	AD + B	3.5
SK50-MOD060-050	151.75	50	60	30	M8*1.0P	M5*0.8P	AD + B	3.2
SK50-MOD070-050	151.75	50	70	35	M8*1.0P	M6*1.0P	AD + B	3.4
SK50-MOD080-050	151.75	50	80	40	M8*1.0P	M6*1.0P	AD + B	3.6
SK50-MOD100-060	156.75	60	100	50	M10*1.0P	M8*1.25P	AD + B	4.4
SK50-MOD117-060	156.75	60	117	60	M10*1.0P	M8*1.25P	AD + B	4.5
SK50-MOD140-060	156.75	60	140	80	M10*1.0P	M8*1.25P	AD + B	4.7





Nominal size module diameter D	32 60	40 70	50 80	63 100	80 117	100 140	125 180	160 210
D2+/-0.1	44	53	63	79	96	119	150	185
D3F8	30	35	40	50	60	80	100	120
D4	31	36	41	51	61	81	101	121
D5	4.5	5	5	5	6	6	6	6
L1	12	12	12	14	14	14	24	37
L2	7	7	7	8	8	8	8	8
G1	M5	M6	M6	M8	M8	M10	M12	M12
G2	M8*1	M8*1	M8*1	M10*1	M10*1	M10*1	M10*1	M10*1
T	11	14	14	15	15	18	25	25
T1+0.5	3	3.5	3.5	3.5	4.5	4.5	4.5	4.5

MOD 法兰盘 MOD FLANGE PLATE



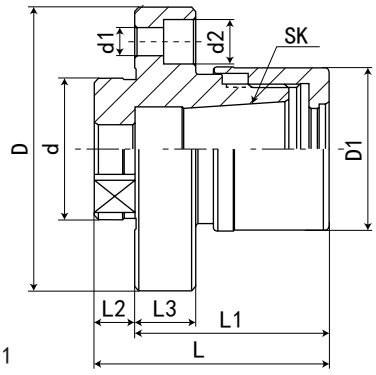


FIG. 1



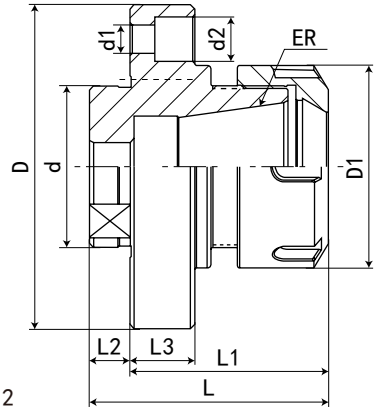


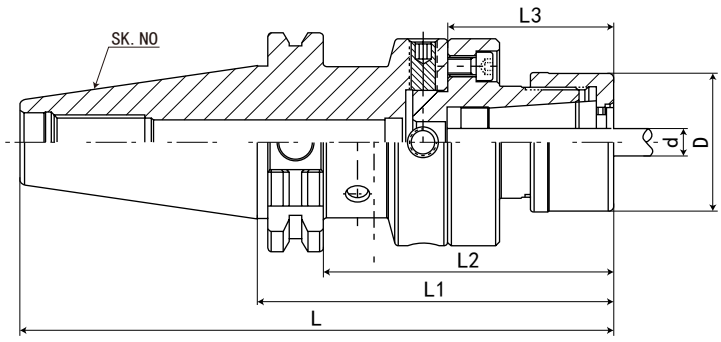
FIG. 2

规 格 Model	D	D1	d	d1	d2	L	L1	L2	L3	PCD	FIG
MOD060-GSK16-48	60	40	30	6	9	58	48	10	15	44	1
MOD070-GSK16-48	70	40	35	7	11	58	48	10	15	53	1
MOD080-GSK16-49	80	40	40	7	11	59	49	10	16	63	1
MOD080-ER32-49	80	50	40	7	11	59	49	10	16	63	2
MOD100-ER40-63	100	63	50	9	14	75	63	12	18	79	2

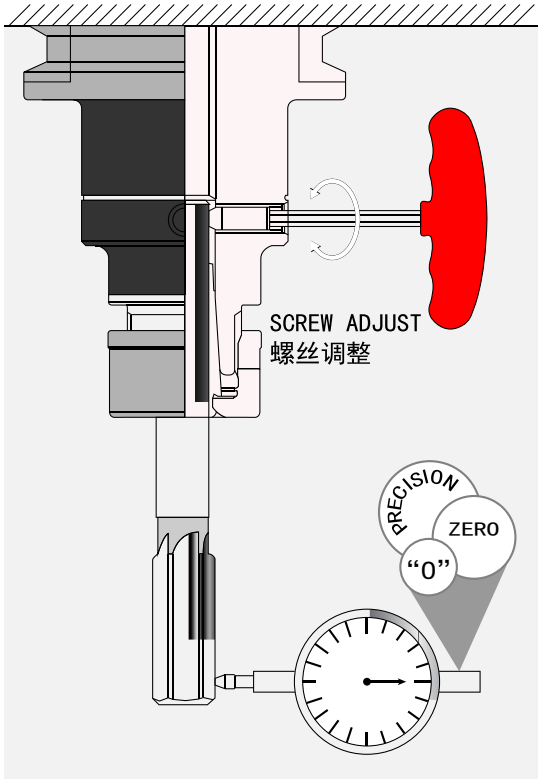
SK-MOD 可调精度刀柄（铰刀专用） SK-MOD ADJUSTABLE CHUCK（REAMER USING）

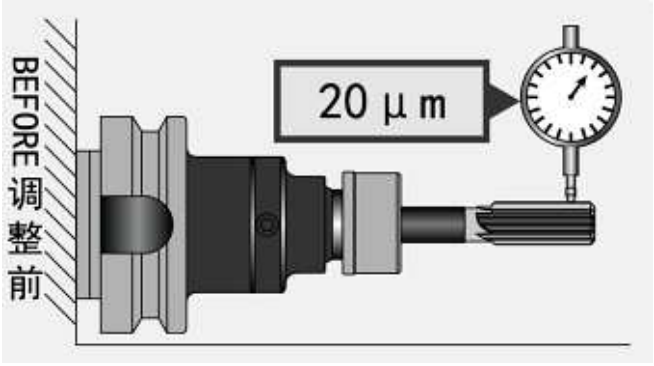


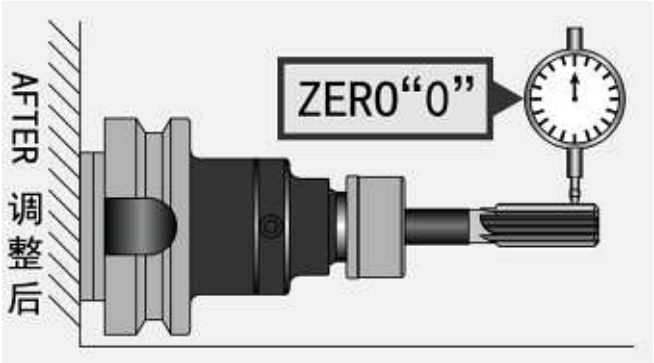
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规 格 Model	L	L1	L2	L3	D	d 夹持范围 Range	弹性筒夹 Collets
SK30-MOD060-GSK16-98	145.8	98	79	48	40	3-16mm	GSK16
SK40-MOD060-GSK16-98	166.4	98	79	48	40	3-16mm	GSK16
SK40-MOD070-GSK16-98	166.4	98	79	48	40	3-16mm	GSK16
SK40-MOD080-ER32-104	172.4	104	85	49	50	2-20mm	ER32
SK40-MOD080-GSK16-104	172.4	104	85	49	40	3-16mm	GSK16
SK40-MOD100-ER40-123	191.4	123	104	63	63	2-26mm	ER40
SK50-MOD060-GSK16-98	199.75	98	79	48	40	3-16mm	GSK16
SK50-MOD070-GSK16-98	199.75	98	79	48	40	3-16mm	GSK16
SK50-MOD080-ER32-99	200.75	99	80	49	50	2-20mm	ER32
SK50-MOD080-GSK16-99	200.75	99	80	49	40	3-16mm	GSK16
SK50-MOD100-ER40-123	224.75	123	104	63	63	2-26mm	ER40







特点：

◎刀尖位置可调至“0”位置

◎机械主轴、夹头、刀具的累计误差值可一次调整补正

Features:

◎ The tool tip postition can be adjusted as “0” position.

◎ The accumulated error value of the spindle,the chuck,and the tool can all be adjusted and corrected at the same time.

SK-EMH 喷射型侧固式刀柄 SK-EMH SPRAY NOZZLE TYPE END MILL HOLDER



FIG. 1

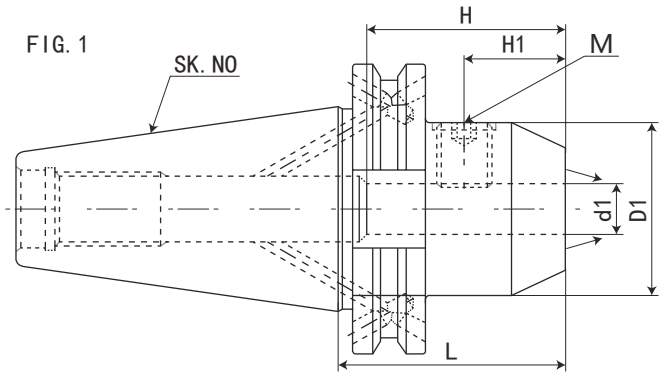
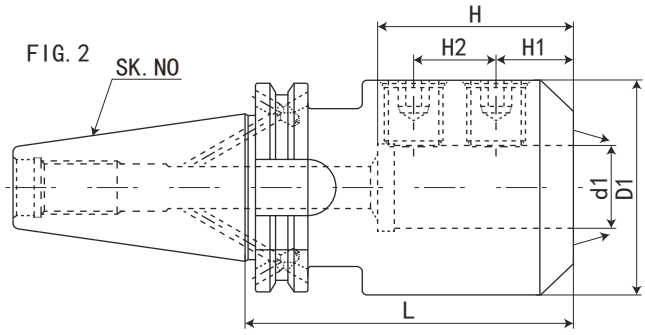




FIG. 2



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规 格 Model	d1	D1	L	H	H1	FIG	M	重量 KGS
SK40AD/B-EMH6C-50	6	25	50	35	18	1	M6*1.0P	0.86
SK40AD/B-EMH8C-50	8	28	50	35	18	1	M8*1.25P	0.89
SK40AD/B-EMH10C-50	10	35	50	35.5	20	1	M10*1.5P	0.95
SK40AD/B-EMH12C-50	12	42	50	36	22.5	1	M12*1.75P	1.03
SK40AD/B-EMH14C-50	14	44	50	36	22.5	1	M12*1.75P	1.26
SK40AD/B-EMH16C-63	16	48	63	46	24	1	M14	1.28
SK40AD/B-EMH18C-63	18	50	63	46	24	1	M14	1.35
SK40AD/B-EMH20C-63	20	52	63	48	25	1	M16*2.0P	1.4
SK40AD/B-EMH25C-100	25	65	100	55	25	2	M18*2.5P	2.29
SK40AD/B-EMH32C-100	32	72	100	57	28	2	M20*2.5P	2.5
SK50AD/B-EMH6C-63	6	25	63	35	18	1	M6*1.0P	2.7
SK50AD/B-EMH8C-63	8	28	63	35	18	1	M8*1.25P	2.7
SK50AD/B-EMH10C-63	10	35	63	35.5	20	1	M10*1.5P	2.9
SK50AD/B-EMH12C-63	12	42	63	36	22.5	1	M12*1.75P	2.9
SK50AD/B-EMH14C-63	14	44	63	36	22.5	1	M12*1.75P	3
SK50AD/B-EMH16C-63	16	48	63	46	24	1	M14	3
SK50AD/B-EMH18C-63	18	50	63	46	24	1	M14	3
SK50AD/B-EMH20C-63	20	52	63	48	25	1	M16*2.0P	3.05
SK50AD/B-EMH25C-80	25	65	80	55	25	2	M18*2.5P	3.73
SK50AD/B-EMH32C-100	32	72	100	57	28	2	M20*2.5P	4.53
SK50AD/B-EMH40C-120	40	90	120	68	32	2	M20*2.5P	4.8

SK 转换套（内置夹紧单元） SK CONVERSION SLEEVE(CLAMPING CARTRIDGES)



FIG. 1

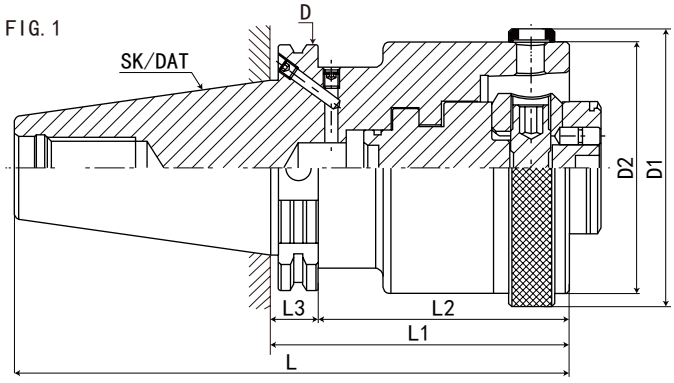
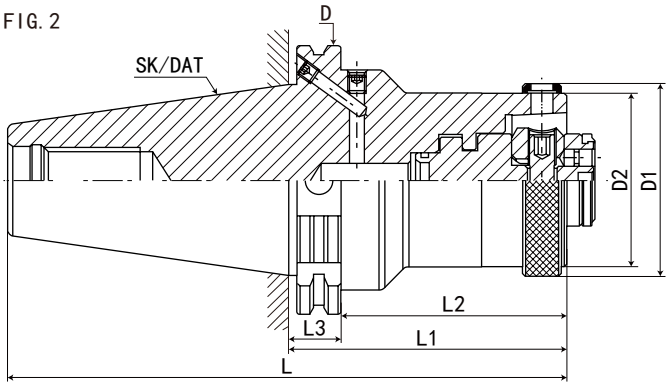




FIG. 2



规格	L	L1	L2	L3	D	D1	D2	FIG	重量
SK30-HSK32C-55C-AF	102.8	55	36	19.1	50	37	32	2	0.7
SK30-HSK40C-60C-AF	107.8	60	41	19.1	50	45	40	1	0.8
SK40-HSK32C-55C-AF	123.4	55	36	19.1	63.55	37	32	2	0.9
SK40-HSK40C-60C-AF	128.4	60	41	19.1	63.55	45	40	2	1
SK40-HSK50C-65C-AF	133.4	65	46	19.1	63.55	55	50	2	1
SK40-HSK63C-75C-AF	143.4	75	56	19.1	63.55	70	63	1	1.2
SK50-HSK32C-55C-AF	156.75	55	36	19.1	97.5	37	32	2	2.7
SK50-HSK40C-60C-AF	161.75	60	41	19.1	97.5	45	40	2	2.8
SK50-HSK50C-65C-AF	166.75	65	46	19.1	97.5	55	50	2	2.9
SK50-HSK63C-75C-AF	176.75	75	56	19.1	97.5	70	63	2	3.1
SK50-HSK80C-85C-AF	186.75	85	66	19.1	97.5	87	80	2	4
SK50-HSK100C-100C-AF	201.75	100	81	19.1	97.5	110	100	1	5

SK30 - HSK - 32C - 55 - C - AF

- AF：盲孔 Blind hole
- C：内置螺丝 Built-in screw
- 55：L1 长度 Length(L1)
- 32C：接口大小 Collect model
- HSK：功能代号 Holder type
- SK30：锥柄形式 Taper size

SK 转换套（内置夹紧单元） SK CONVERSION SLEEVE(CLAMPING CARTRIDGES)



FIG. 1

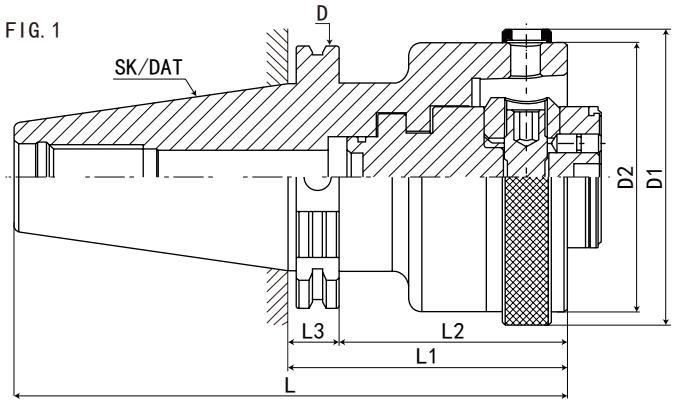
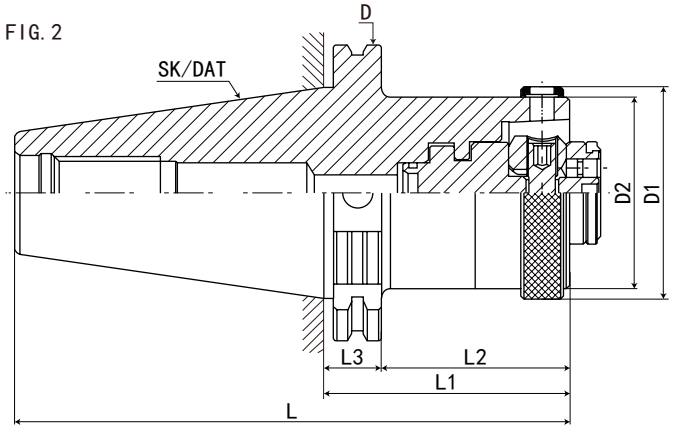




FIG. 2



规格	L	L1	L2	L3	D	D1	D2	FIG	重量
SK30-HSK32C-40C-AD	87.8	40	21	19.1	50	37	32	2	0.7
SK30-HSK40C-60C-AD	107.8	60	41	19.1	50	45	40	1	0.8
SK40-HSK32C-40C-AD	108.4	40	21	19.1	63.55	37	32	2	0.9
SK40-HSK40C-40C-AD	108.4	40	21	19.1	63.55	45	40	2	1
SK40-HSK50C-60C-AD	128.4	60	41	19.1	63.55	55	50	2	1
SK40-HSK63C-75C-AD	143.4	75	56	19.1	63.55	70	63	1	1.2
SK50-HSK32C-40C-AD	141.75	40	21	19.1	97.5	37	32	2	2.7
SK50-HSK40C-40C-AD	141.75	40	21	19.1	97.5	45	40	2	2.8
SK50-HSK50C-40C-AD	141.75	40	21	19.1	97.5	55	50	2	2.9
SK50-HSK63C-40C-AD	141.75	40	21	19.1	97.5	70	63	2	3.1
SK50-HSK80C-80C-AD	181.75	80	61	19.1	97.5	87	80	2	4
SK50-HSK100C-95C-AD	196.75	95	76	19.1	97.5	110	100	1	5

SK30 - HSK - 32C - 40 - C - AD

- AD — 通 孔 Through hole
- C — 内 置 螺 丝 Built-in screw
- 40 — L1 长 度 Length(L1)
- 32C — 接 口 大 小 Collect model
- HSK — 功 能 代 号 Side lock end mill holder type
- SK30 — 锥 柄 形 式 Shank size

CAT 转换套（内置夹紧单元） CAT CONVERSION SLEEVE(CLAMPING CARTRIDGES)



FIG. 1

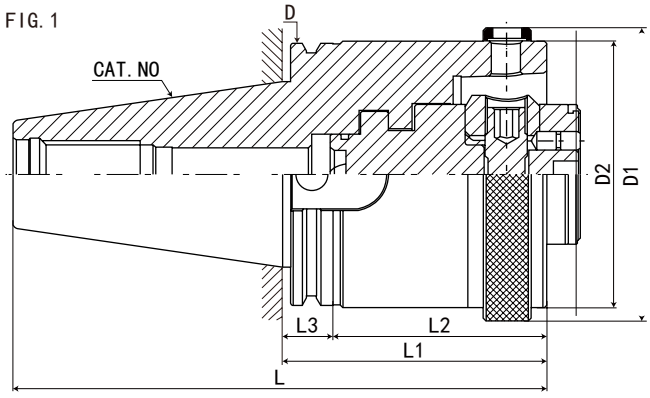
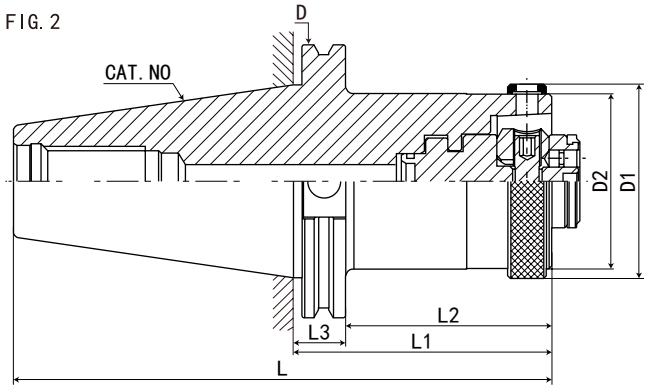


FIG. 2



规格	L	L1	L2	L3	D	D1	D2	FIG	重量
CAT30-HSK32C-45C	92.6	45	29	15.9	46	37	32	2	0.7
CAT30-HSK40C-60C	107.6	60	44	15.9	46	45	40	1	0.8
CAT40-HSK32C-50C	118.2	50	34	15.9	63.5	37	32	2	0.9
CAT40-HSK40C-50C	118.2	50	34	15.9	63.5	45	40	2	1
CAT40-HSK50C-60C	128.2	60	44	15.9	63.5	55	50	2	1
CAT40-HSK63C-75C	143.2	75	59	15.9	63.5	70	63	1	1.2
CAT50-HSK32C-50C	151.6	50	34	15.9	98.4	37	32	2	2.7
CAT50-HSK40C-50C	151.6	50	34	15.9	98.4	45	40	2	2.8
CAT50-HSK50C-55C	156.6	55	39	15.9	98.4	55	50	2	2.9
CAT50-HSK63C-55C	156.6	55	39	15.9	98.4	70	63	2	3.1
CAT50-HSK80C-80C	181.6	80	64	15.9	98.4	87	80	2	4
CAT50-HSK100C-95C	196.6	95	79	15.9	98.4	110	100	1	5

CAT30 - HSK - 32C - 55 - C

- C → 内置螺丝 Built-in screw
- 55 → L1 长度 Length(L1)
- 32C → 接口大小 Collect model
- HSK → 功能代号 Side lock end mill holder type
- CAT30 → 锥柄形式 Shank size

SK- 基础柄刀柄 SK SEMI-FINISHED TOOL HOLDER

FIG. 1

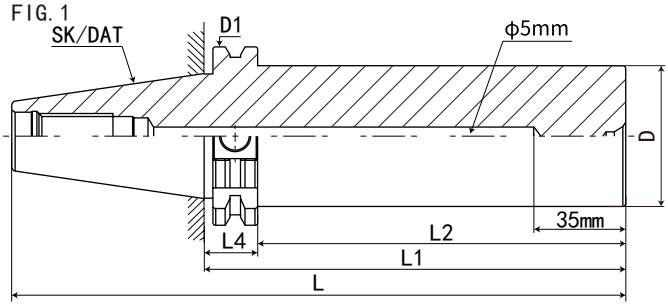
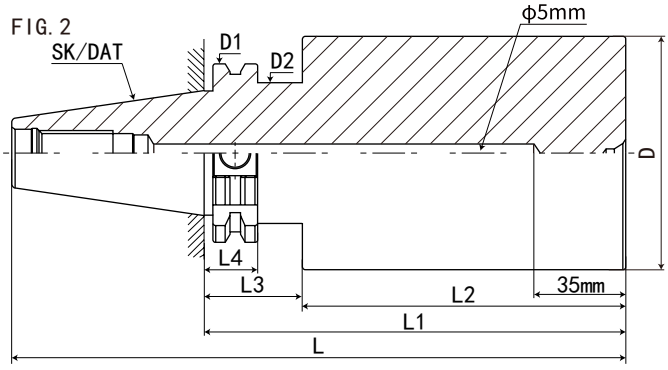


FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	FIG	重量 KGS
SK40-D50-100	168.4	100	80.9	-	19.1	50	63.55	-	1	
SK40-D50-125	193.4	125	105.9	-	19.1	50	63.55	-	1	
SK40-D50-150	218.4	150	130.9	-	19.1	50	63.55	-	1	
SK40-D50-175	243.4	175	155.9	-	19.1	50	63.55	-	1	
SK40-D50-200	268.4	200	180.9	-	19.1	50	63.55	-	1	
SK40-D63-100	168.4	100	65	35	19.1	63	63.55	50	2	
SK40-D63-125	193.4	125	90	35	19.1	63	63.55	50	2	
SK40-D63-150	218.4	150	115	35	19.1	63	63.55	50	2	
SK40-D63-175	243.4	175	140	35	19.1	63	63.55	50	2	
SK40-D63-200	268.4	200	165	35	19.1	63	63.55	50	2	
SK40-D63-225	293.4	225	190	35	19.1	63	63.55	50	2	
SK40-D83-100	168.4	100	65	35	19.1	83	63.55	50	2	
SK40-D83-125	193.4	125	90	35	19.1	83	63.55	50	2	
SK40-D83-150	218.4	150	115	35	19.1	83	63.55	50	2	
SK40-D83-175	243.4	175	140	35	19.1	83	63.55	50	2	
SK40-D83-200	268.4	200	165	35	19.1	83	63.55	50	2	
SK40-D83-225	293.4	225	190	35	19.1	83	63.55	50	2	
SK40-D102-100	168.4	100	65	35	19.1	102	63.55	50	2	
SK40-D102-125	193.4	125	90	35	19.1	102	63.55	50	2	
SK40-D102-150	218.4	150	115	35	19.1	102	63.55	50	2	
SK40-D102-175	243.4	175	140	35	19.1	102	63.55	50	2	
SK40-D102-200	268.4	200	165	35	19.1	102	63.55	50	2	
SK40-D102-225	293.4	225	190	35	19.1	102	63.55	50	2	

SK40 - D - 50 - 100

- 100 → L1 长 度 Length(L1)
- 50 → 刀 杆 直 径 Diameter
- D → 功 能 代 号 Holder type
- SK40 → 锥 柄 形 式 Taper size

NT

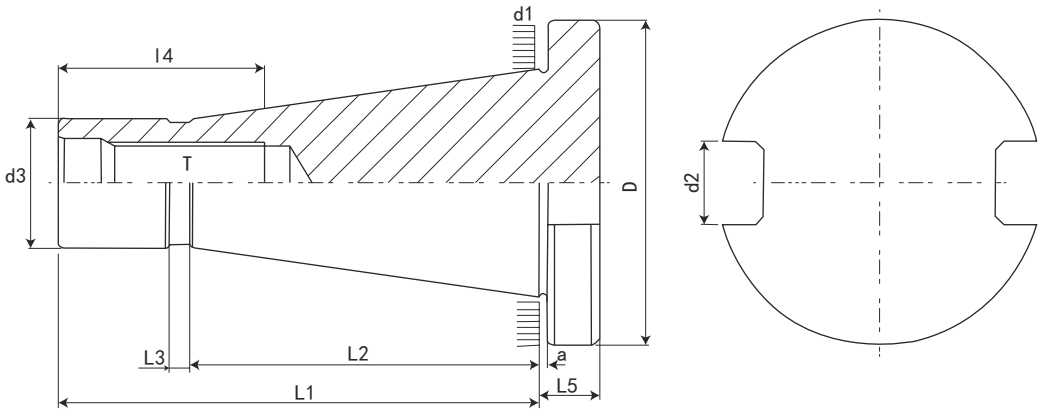
DIN 2080

PRECISION TOOL HOLDERS SYSTEM



NT数控刀柄系列

CNC TOOL SYSTEMS



规格 / 型号 Model	D 0 -0.4	d1	d2 H12	d3 Max.	a ±0.2	L1	L2	L3	L4 Min	L5 ±0.15	T 6H
NT30	49	31.75	16.1	17.04	1.6	68.4	48.4	3	24	8	1/2"W12 M12*1.75P 1/2"13UNC
NT40	63	44.45	16.1	24.92	1.6	93.4	65.4	5	32	10	5/8"W11 M16*2.0P
NT50	97.5	69.85	25.7	39.19	3.2	126.8	101.8	8	47	12	1"W8 M24*3.0P

特点：

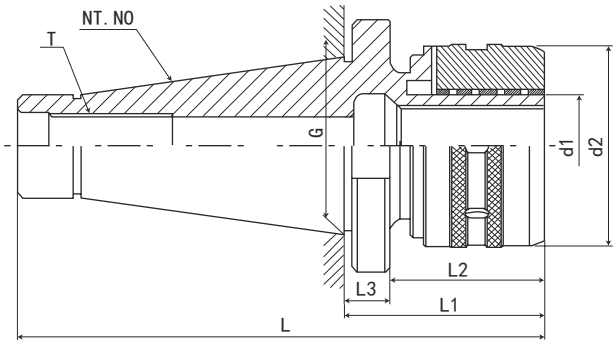
◎锥度精度：<AT3
◎基本材质：JIS-SCM415
◎硬度：HRC56°渗碳深度 >0.8mm
◎真圆度：<0.8um
◎表面粗糙度：Ra<0.5um
◎本体规范：DIN 2080

Features:

◎ Taper tolerance<AT3
◎ Basic Material:JIS-SCM415
◎ Hardness>HRC 56° Carbon depth>0.8mm
◎ Roundness<0.8um
◎ Surface roughness :Ra<0.5um
◎ Shank body standard : DIN2080

NT-C 型高精度强力刀柄 NT-C FORCE MILLING CHUCK






P.J31


P.J16

规格 / 型号 Model	L	L1	L2	L3	d1	d2	T	G	重量 KGS	夹持范围 Range
NT30-C20-80	148.4	80	69	11	20	56	M12*1.75P	31.75	2.0	3 4 5 6 8 10 12 14 16
NT30-C22-80	148.4	80	69	11	22	56	M12*1.75P	31.75	2.1	3 4 5 6 8 10 12 14 16
NT30-C25-80	148.4	80	69	11	25	61	M12*1.75P	31.75	2.3	3 4 5 6 8 10 12 14 16 18 20
NT30-C32-90	158.4	90	79	11	32	68	M12*1.75P	31.75	2.5	3 4 5 6 8 10 12 14 16 18 20 22 24 25
规格 / 型号 Model	L	L1	L2	L3	d1	d2	T	G	重量 KGS	夹持范围 Range
NT40-C20-105	198.4	105	94	11	20	56	M16*2.0P	44.45	2.5	3 4 5 6 8 10 12 14 16
NT40-C22-105	198.4	105	94	11	22	56	M16*2.0P	44.45	2.6	3 4 5 6 8 10 12 14 16
NT40-C25-105	198.4	105	94	11	25	61	M16*2.0P	44.45	2.7	3 4 5 6 8 10 12 14 16 18 20
NT40-C32-105	198.4	105	94	11	32	68	M16*2.0P	44.45	2.8	3 4 5 6 8 10 12 14 16 18 20 22 24 25
规格 / 型号 Model	L	L1	L2	L3	d1	d2	T	G	重量 KGS	夹持范围 Range
NT50-C25-105	231.8	105	90	15	25	61	M24*3.0P	69.85	5.2	3 4 5 6 8 10 12 14 16 18 20
NT50-C32-110	236.8	110	95	15	32	68	M24*3.0P	69.85	5.4	3 4 5 6 8 10 12 14 16 18 20 22 24 25
NT50-C42-120	246.8	120	105	15	42	78	M24*3.0P	69.85	6.2	3 4 5 6 8 10 12 14 16 18 20 22 24 25 28 30 32 34 36

特点：

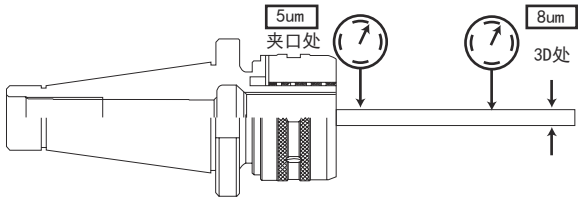
高速、高精度、高寿命直柄刀具系列
◎材质：20CrMnTi/15CrMn
◎硬度：HRC58-60，渗碳深度＞ 0.8mm
◎锥柄公差等级：≤ AT3
◎刀柄内孔分割了六槽，以防止刀具转动，增大夹持力
◎采用特殊材料制作滚针轴承保持架，延长使用寿命，增强夹紧力
◎具有夹持力大，定点精度高，特别适用于强力切削
◎可提供两种外观：光饰或涂层处理
◎内孔多次研磨，可达 Ra0.4, 起到镜面效果
◎外圆及端面多次研磨，可达 Ra0.4, 起到镜面效果
◎表面“环保”特殊涂层处理，提高表面硬度、耐磨性，提高清洁度，精度更稳定，表面更光滑，防锈、防腐蚀效果更好，手感更舒适，外观更美观
◎扳手、筒夹须另行购买

Features:

High speed,high accuracy,high durability C-STRAIGHT TOOL SERIES
◎ Material:20CrMnTi/15CrMn;
◎ Hardness:HRC58-60， Carbon depth ＞ 0.8 ◎ Tolerance class：≤ AT3
◎ Inner hole of the shank divide into 6 troughs to prevent the insert remove, increase the grasp force
◎ Ball bearing cage is made of special material, improve the endurance, enhance the grasp force
◎ Grasp force strong, centering accuracy high, suit to heavy cutting
◎ Two kinds looks provide:polishing or chemical nickel-plating processing;
◎ Inner hole grinding for many times, so as to reach Ra0.4, has a mirror effect;
◎ End and the cylindrical are grinding for many times, can reach Ra0.4, has a mirror effect;
◎ Surface "environmental protection", special coating surface treatment, improve the hardness and endurance of the surface, cleaness better, accuracy stable, surface more smooth, antirust, feel comfortable, appearance nice.
◎ **The spanner、 chuck must purchase alone.**

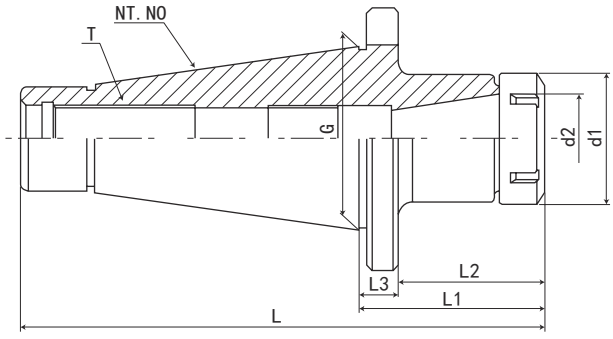
NT40 - C32 - 105

L1 长 度	Length(L1)
筒 夹 规 格	Collet type C32
锥 柄 形 式	Shank size



NT-ER 弹性筒夹刀柄 NT-ER COLLET CHUCK






P.J31


P.J06


P.J33

规格 / 型号 Model	L	L1	L2	L3	d1	d2	G	T	夹持范围 Range
NT30-ER16-45	113.4	45	34	11	28	16	31.75	M12*1.75P	1-10mm
NT30-ER20-45	113.4	45	34	11	34	20	31.75	M12*1.75P	1-13mm
NT30-ER25-55	123.4	55	44	11	42	25	31.75	M12*1.75P	1-16mm
NT30-ER32-60	128.4	60	49	11	50	32	31.75	M12*1.75P	2-20mm
NT30-ER40-70	138.4	70	59	11	63	40	31.75	M12*1.75P	2-26mm
规格 / 型号 Model	L	L1	L2	L3	d1	d2	G	T	夹持范围 Range
NT40-ER16-45	138.4	45	34	11	28	16	44.45	M16*2.0P	1-10mm
NT40-ER20-45	138.4	45	34	11	34	20	44.45	M16*2.0P	1-13mm
NT40-ER25-55	148.4	55	44	11	42	25	44.45	M16*2.0P	1-16mm
NT40-ER32-60	153.4	60	49	11	50	32	44.45	M16*2.0P	2-20mm
NT40-ER40-70	163.4	70	59	11	63	40	44.45	M16*2.0P	2-26mm
NT40-ER50-80	173.4	80	69	11	78	50	44.45	M16*2.0P	6-34mm
规格 / 型号 Model	L	L1	L2	L3	d1	d2	G	T	夹持范围 Range
NT50-ER11-100	226.8	100	85	15	19	11	69.85	M24*3.0P	1-7mm
NT50-ER16-100	226.8	100	85	15	28	16	69.85	M24*3.0P	1-10mm
NT50-ER20-100	226.8	100	85	15	34	20	69.85	M24*3.0P	1-13mm
NT50-ER25-100	226.8	100	85	15	42	25	69.85	M24*3.0P	1-16mm
NT50-ER32-75	201.8	75	60	15	50	32	69.85	M24*3.0P	2-20mm
NT50-ER32-100	226.8	100	85	15	50	32	69.85	M24*3.0P	2-20mm
NT50-ER40-80	206.8	80	65	15	63	40	69.85	M24*3.0P	2-26mm
NT50-ER40-100	226.8	100	85	15	63	40	69.85	M24*3.0P	2-26mm
NT50-ER50-80	206.8	80	65	15	78	50	69.85	M24*3.0P	6-34mm
NT50-ER50-100	226.8	100	85	15	78	50	69.85	M24*3.0P	6-34mm

特点：

注：

◎本体锥柄规格：GB3837/DIN2080

◎配用 ER 弹性筒夹，可适用于夹持铣刀、钻头、丝锥

◎装置时筒夹必需先置入螺母，再装入刀具，接着锁固入本体

◎适用专用扳手，不可用其它工具，可能造成刀体损坏

◎扳手、筒夹须另行购买

Features:

◎ Spindle conicity standard:GB3837/DIN2080

◎ ER collet chuck set with ER collet with flexibility used for gripping cutting tool, drill bit, draw bolt and so on.

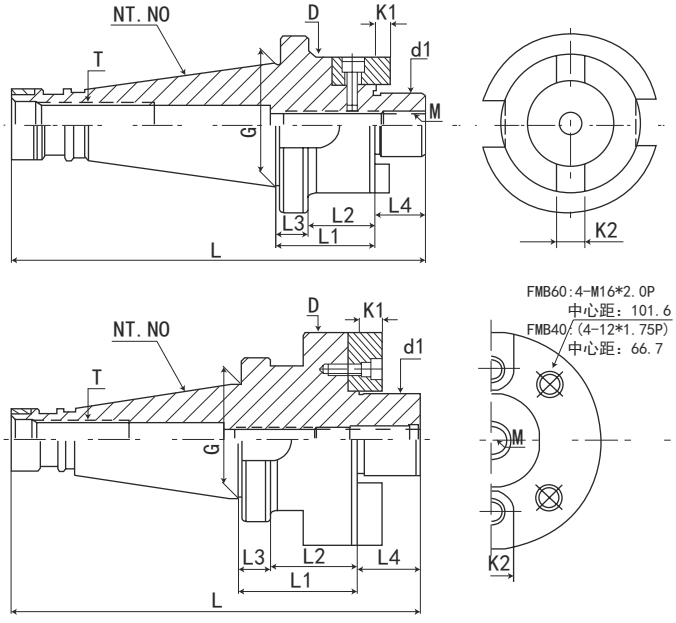
◎ When using, nut should be clamped tensed firstly with cutting tools then locked into the main body.

◎ Always use the recommended wrench or spanner, unless, there might cause damage of cutting tools.

◎ The spanner、 chuck must purchase alone.

NT-FMB 平面铣刀柄 NT-FMB FACE MILL ARBOR





P.L02

规格 / 型号 Model	L	L1	L2	L3	L4	D	d1	K1	K2	G	T	M	重量 KGS
NT30-FMB22-35	121.4	35	24	11	18	48	22	4.8	10	31.75	M12*1.75P	M10*1.5P	0.67
NT30-FMB27-35	123.4	35	24	11	20	58	27	5.8	12	31.75	M12*1.75P	M12*1.75P	1.0
NT30-FMB32-35	125.4	35	24	11	22	70	32	6.8	14	31.75	M12*1.75P	M16*2.0P	1.2
NT30-FMB40-35	128.4	35	24	11	25	80	40	8.3	16	31.75	M12*1.75P	M16*2.0P	1.4
规格 / 型号 Model	L	L1	L2	L3	L4	D	d1	K1	K2	G	T	M	重量 KGS
NT40-FMB22-45	156.4	45	34	11	18	48	22	4.8	10	44.45	M16*2.0P	M10*1.5P	1.4
NT40-FMB27-45	158.4	45	34	11	20	58	27	5.8	12	44.45	M16*2.0P	M12*1.75P	1.6
NT40-FMB32-45	160.4	45	34	11	22	70	32	6.8	14	44.45	M16*2.0P	M16*2.0P	1.85
NT40-FMB40-45	163.4	45	34	11	25	80	40	8.3	16	44.45	M16*2.0P	M16*2.0P	2.7
规格 / 型号 Model	L	L1	L2	L3	L4	D	d1	K1	K2	G	T	M	重量 KGS
NT50-FMB22-45	189.8	45	30	15	18	48	22	4.8	10	69.85	M24*3.0P	M10*1.5P	3.5
NT50-FMB22-60	204.8	60	45	15	18	48	22	4.8	10	69.85	M24*3.0P	M10*1.5P	3.6
NT50-FMB22-100	244.8	100	85	15	18	48	22	4.8	10	69.85	M24*3.0P	M10*1.5P	4.0
NT50-FMB27-45	191.8	45	30	15	20	58	27	5.8	12	69.85	M24*3.0P	M12*1.75P	3.9
NT50-FMB27-60	206.8	60	45	15	20	58	27	5.8	12	69.85	M24*3.0P	M12*1.75P	4.0
NT50-FMB27-100	246.8	100	85	15	20	58	27	5.8	12	69.85	M24*3.0P	M12*1.75P	4.1
NT50-FMB32-45	193.8	45	30	15	22	70	32	6.8	14	69.85	M24*3.0P	M16*2.0P	4.0
NT50-FMB32-60	208.8	60	45	15	22	70	32	6.8	14	69.85	M24*3.0P	M16*2.0P	4.2
NT50-FMB32-100	248.8	100	85	15	22	70	32	6.8	14	69.85	M24*3.0P	M16*2.0P	4.5
NT50-FMB40-45	196.8	45	30	15	25	80	40	8.3	16	69.85	M24*3.0P	M16*2.0P	4.83
NT50-FMB40-60	211.8	60	45	15	25	80	40	8.3	16	69.85	M24*3.0P	M16*2.0P	5.2
NT50-FMB40-100	251.8	100	85	15	25	80	40	8.3	16	69.85	M24*3.0P	M16*2.0P	5.5
NT50-FMB60-60	211.8	60	45	15	25	128.75	60	12.5	25.4	69.85	M24*3.0P	M16*2.0P	8.5

特点：

注：

◎本体锥柄规格：GB3837/DIN2080

◎中心通孔有利于出水及抗震性强

◎平面铣刀配合部位（d) 轴系公轴 h6

◎适用于平面铣削加工

◎可定制非常规长度

Features:

◎ Spindle conicity standard：GB3837/DIN2080

◎ With water through design that reduces vibration and steady for cutting.

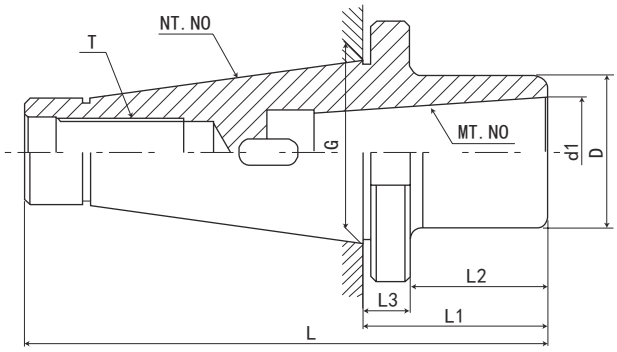
◎ Connecting part(d) designed for metric size.

◎ Tool holders with BT shank for face mill chuck, Face mill holders equipped with screws and drive keys to assemble the mill cutter to holder.

◎ Can be made upon requested dimensions.

NT-MTA 带扁尾莫氏刀柄 NT-MTA TAPER ADAPTER(MORSE)





规格 / 型号 Model	L	L1	L2	L3	D	d1	G	夹持钻头范围	T
NT30-MTA1-50	118.4	50	39	11	25	12.065	31.75	ϕ2-ϕ14	M12*1.75P
NT30-MTA2-50	118.4	50	39	11	32	17.780	31.75	Φ14-ϕ23	M12*1.75P
NT30-MTA3-70	138.4	70	59	11	40	23.825	31.75	Φ23-ϕ32	M12*1.75P
规格 / 型号 Model	L	L1	L2	L3	D	d1	G	夹持钻头范围	T
NT40-MTA1-50	143.4	50	39	11	25	12.065	44.45	ϕ2-ϕ14	M16*2.0P
NT40-MTA2-50	143.4	50	39	11	32	17.780	44.45	Φ14-ϕ23	M16*2.0P
NT40-MTA3-65	158.4	65	54	11	40	23.825	44.45	Φ23-ϕ32	M16*2.0P
NT40-MTA4-90	183.4	90	79	11	48	31.267	44.45	ϕ32-ϕ50	M16*2.0P
规格 / 型号 Model	L	L1	L2	L3	D	d1	G	夹持钻头范围	T
NT50-MTA1-45	171.8	45	30	15	25	12.065	69.85	ϕ2-ϕ14	M24*3.0P
NT50-MTA2-55	181.8	55	40	15	32	17.780	69.85	Φ14-ϕ23	M24*3.0P
NT50-MTA3-65	191.8	65	50	15	40	23.825	69.85	Φ23-ϕ32	M24*3.0P
NT50-MTA4-70	196.8	70	55	15	48	31.267	69.85	ϕ32-ϕ50	M24*3.0P
NT50-MTA5-105	231.8	105	90	15	70	44.399	69.85	ϕ50-ϕ75	M24*3.0P
NT50-MTA6-170	296.8	170	155	15	85	63.348	69.85	ϕ75-ϕ100	M24*3.0P
NT50-MTA6-270	396.8	270	255	15	85	63.348	69.85	ϕ75-ϕ100	M24*3.0P

特点:

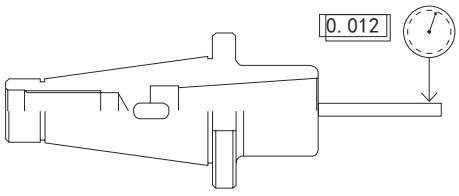
注:
◎本体锥柄规格: GB3837/DIN2080
◎刀柄用于莫氏锥柄刀具、钻头、铰刀等
◎钻头莫氏柄和刀具直径

Features:

◎ Spindle conicity standard: GB3837/DIN2080
◎ Used in Morse conicity tools, drill chuck, reamer and so on.
◎ Dimensions

NT40 - MTA - 2 - 50

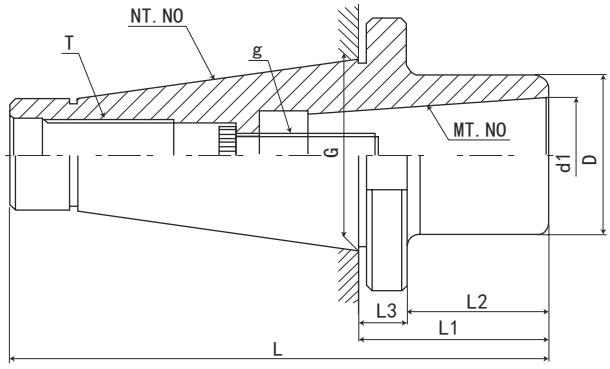
- L1 长 度 — Length(L1)
- 莫 氏 锥 度 号 — Morse taper no.
- 有扁尾莫氏锥孔 — Morse taper holder type A
- 锥 柄 形 式 — Shank size



数控刀柄系列 CNC TOOL SYSTEMS

NT-MTB 无扁尾莫氏刀柄 NT-MTB MORSE TAPER HOLDER





规格 / 型号 Model	L	L1	L2	L3	D	d1	G	g	夹持铣刀范围	T
NT30-MTB1-50	118.4	50	39	11	25	12.065	31.75	M6	ϕ10-ϕ14	M12*1.75P
NT30-MTB2-50	118.4	50	39	11	32	17.780	31.75	M10	ϕ16-ϕ22	M12*1.75P
NT30-MTB3-70	138.4	70	59	11	40	23.825	31.75	M12	ϕ24-ϕ32	M12*1.75P
规格 / 型号 Model	L	L1	L2	L3	D	d1	G	g	夹持铣刀范围	T
NT40-MTB1-50	143.4	50	39	11	25	12.065	44.45	M6	ϕ10-ϕ14	M16*2.0P
NT40-MTB2-50	143.4	50	39	11	32	17.780	44.45	M10	ϕ16-ϕ22	M16*2.0P
NT40-MTB3-65	158.4	65	54	11	40	23.825	44.45	M12	ϕ24-ϕ32	M16*2.0P
NT40-MTB4-90	183.4	90	79	11	48	31.267	44.45	M16	ϕ32-ϕ50	M16*2.0P
规格 / 型号 Model	L	L1	L2	L3	D	d1	G	g	夹持铣刀范围	T
NT50-MTB1-45	171.8	45	30	15	25	12.065	69.85	M6	ϕ10-ϕ14	M24*3.0P
NT50-MTB2-55	181.8	55	40	15	32	17.780	69.85	M10	ϕ16-ϕ22	M24*3.0P
NT50-MTB3-65	191.8	65	50	15	40	23.825	69.85	M12	ϕ24-ϕ32	M24*3.0P
NT50-MTB4-70	196.8	70	55	15	48	31.267	69.85	M16	ϕ32-ϕ50	M24*3.0P
NT50-MTB5-105	231.8	105	90	15	70	44.399	69.85	M20	ϕ40-ϕ75	M24*3.0P
NT50-MTB6-170	296.8	170	155	15	85	63.348	69.85	M24	ϕ75-ϕ100	M24*3.0P
NT50-MTB6-270	396.8	270	255	15	85	63.348	69.85	M24	ϕ75-ϕ100	M24*3.0P

特点：

注：

◎本体锥柄规格：GB3837/DIN2080

◎刀柄用于莫氏锥柄铣刀

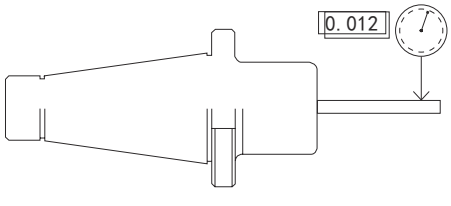
Features:

◎ Spindle conicity standard：GB3837/DIN2080

◎ Dimensions

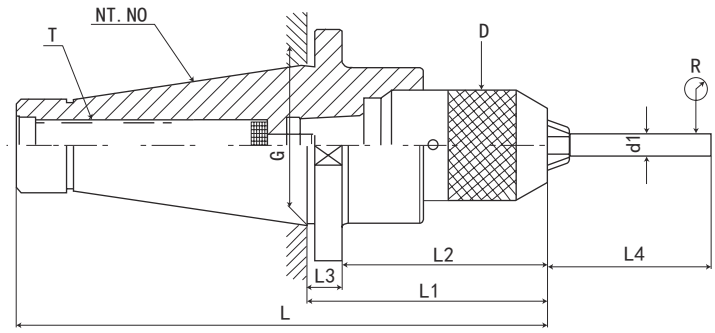
NT40 - MTB - 2 - 50

L1 长 度	Length(L1)
莫氏锥度号	Morse taper no.
无扁尾莫氏锥孔	Morse taper holder type B
锥 柄 形 式	Shank size



NT-APU 一体式钻夹头刀柄 NT-APU DRILL CHUCK HOLDER






P.J31


P.J58

规格 / 型号 Model	L	L1	L2	L3	L4	R	D	d1	G	T	夹持范围 Range
NT30-APU08-80	148.4	80	69	11	55	0.08	37	8	31.75	M12*1.75P	0-8mm
NT30-APU13-100	168.4	100	89	11	75	0.08	50	13	31.75	M12*1.75P	1-13mm
NT30-APU16-110	178.4	110	99	11	80	0.08	57	16	31.75	M12*1.75P	1-16mm
NT40-APU08-80	173.4	80	69	11	55	0.08	37	8	44.45	M16*2.0P	0-8mm
NT40-APU13-100	193.4	100	89	11	75	0.08	50	13	44.45	M16*2.0P	1-13mm
NT40-APU16-110	203.4	110	99	11	80	0.08	57	16	44.45	M16*2.0P	1-16mm
NT50-APU13-110	236.8	110	95	15	75	0.08	50	13	69.85	M24*3.0P	1-13mm
NT50-APU16-120	246.8	120	105	15	80	0.08	57	16	69.85	M24*3.0P	1-16mm

特点:

注:

◎一体式结构，减少了连接误差精度，内部用螺纹结构，就不会出现夹头脱落现象

◎用于钻头、铰刀等夹持，不可用于丝锥和铣刀夹持

◎一体刀柄缩短刀具长度，提高加工精度，增加使用寿命

◎有自锁功能，附带专用扳手，请勿用其它工具

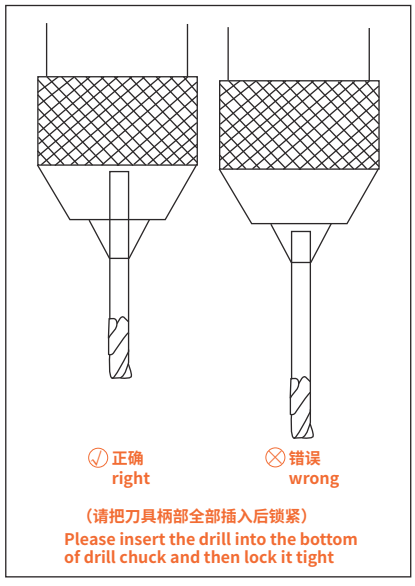
Features:

◎ The shank and keyless drill chuck are combined together so as to avoid the drill chuck slipping out for heavy-duty and high speed cutting and improve the precision.

◎ Not be used for gripping draw bolt and milling tools, instead of drill bit and reamer.

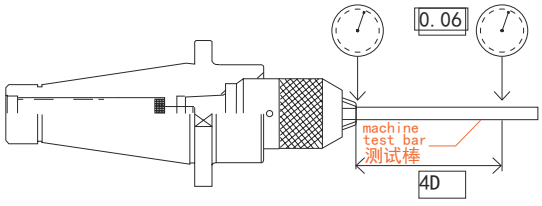
◎ APU drill chuck shorten the length while length the working life of tool.

◎ Each APU drill chuck attached 1pc APU wrench.



NT40 - APU - 13 - 110

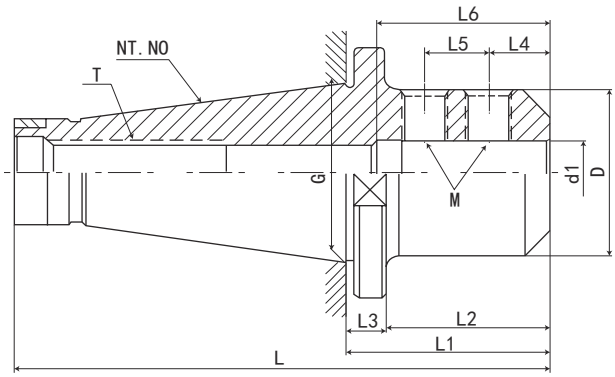
- L1 长 度 — Length(L1)
- 最大夹持直径 — Max grip diameter
- 功 能 代 号 — Drill chuck
- 锥 柄 形 式 — Shank size



NT-SLN 侧固式刀柄 NT-SLN SIDE LOCK END MILL HOLDER



P.P03



规格 / 型号 Model	L	L1	L2	L3	L4	L5	L6	D	d1	G	T	M	重量 KGS
NT30-SLN6-40	108.4	40	29	11	18	-	50	25	6	31.75	M12*1.75P	M5*0.8P	0.5
NT30-SLN8-40	108.4	40	29	11	18	-	50	28	8	31.75	M12*1.75P	M6*1.0P	0.6
NT30-SLN10-40	108.4	40	29	11	20	-	55	35	10	31.75	M12*1.75P	M8*1.25	0.6
NT30-SLN12-40	108.4	40	29	11	22.5	-	60	42	12	31.75	M12*1.75P	M10*1.5P	0.65
NT30-SLN16-50	118.4	50	39	11	24	-	100	45	16	31.75	M12*1.75P	M12*1.75P	0.75
NT30-SLN16-80	148.4	80	69	11	24	18	100	45	16	31.75	M12*1.75P	M12*1.75P	0.8
NT30-SLN20-63	131.4	63	52	11	25	-	100	50	20	31.75	M12*1.75P	M12*1.75P	1.1
NT30-SLN20-80	148.4	80	69	11	25	20	100	50	20	31.75	M12*1.75P	M12*1.75P	1.2
NT30-SLN25-80	148.4	80	69	11	24	25	110	65	25	31.75	M12*1.75P	M12*1.75P	1.25
规格 / 型号 Model	L	L1	L2	L3	L4	L5	L6	D	d1	G	T	M	重量 KGS
NT40-SLN6-50	143.4	50	39	11	18	-	50	25	6	44.45	M16*2.0P	M5*0.8P	0.9
NT40-SLN8-50	143.4	50	39	11	18	-	50	28	8	44.45	M16*2.0P	M6*1.0P	0.95
NT40-SLN10-50	143.4	50	39	11	20	-	55	35	10	44.45	M16*2.0P	M8*1.25	1.1
NT40-SLN12-50	143.4	50	39	11	22.5	-	60	42	12	44.45	M16*2.0P	M10*1.5P	1.12
NT40-SLN16-63	156.4	63	52	11	24	-	100	45	16	44.45	M16*2.0P	M12*1.75P	1.4
NT40-SLN16-80	173.4	80	69	11	24	18	100	45	16	44.45	M16*2.0P	M12*1.75P	1.9
NT40-SLN20-63	156.4	63	52	11	25	-	100	50	20	44.45	M16*2.0P	M12*1.75P	1.45
NT40-SLN20-80	173.4	80	69	11	25	20	100	50	20	44.45	M16*2.0P	M12*1.75P	2
NT40-SLN25-80	173.4	80	69	11	24	25	110	65	25	44.45	M16*2.0P	M12*1.75P	2.1
NT40-SLN32-80	173.4	80	69	11	24	28	120	70	32	44.45	M16*2.0P	M16*2.0P	2.5
NT40-SLN40-100	193.4	100	89	11	30	32	120	80	40	44.45	M16*2.0P	M16*2.0P	2.8
规格 / 型号 Model	L	L1	L2	L3	L4	L5	L6	D	d1	G	T	M	重量 KGS
NT50-SLN6-63	189.8	63	48	15	18	-	50	25	6	69.85	M24*3.0P	M5*0.8P	2.9
NT50-SLN8-63	189.8	63	48	15	18	-	50	28	8	69.85	M24*3.0P	M6*1.0P	3
NT50-SLN10-63	189.8	63	48	15	20	-	55	35	10	69.85	M24*3.0P	M8*1.25	3.2
NT50-SLN12-63	189.8	63	48	15	22.5	-	60	42	12	69.85	M24*3.0P	M10*1.5P	3.3
NT50-SLN16-63	189.8	63	48	15	24	-	100	45	16	69.85	M24*3.0P	M12*1.75P	3.5
NT50-SLN16-90	216.8	90	75	15	24	18	100	45	16	69.85	M24*3.0P	M12*1.75P	3.8
NT50-SLN20-63	189.8	63	48	15	25	-	100	50	20	69.85	M24*3.0P	M12*1.75P	3.6
NT50-SLN20-90	216.8	90	75	15	25	20	100	50	20	69.85	M24*3.0P	M12*1.75P	3.8
NT50-SLN25-80	206.8	80	65	15	24	25	110	65	25	69.85	M24*3.0P	M12*1.75P	4.2
NT50-SLN25-90	216.8	90	75	15	24	25	110	65	25	69.85	M24*3.0P	M12*1.75P	4.3
NT50-SLN32-80	206.8	80	65	15	24	28	120	70	32	69.85	M24*3.0P	M16*2.0P	4.4
NT50-SLN32-90	216.8	90	75	15	24	28	120	70	32	69.85	M24*3.0P	M16*2.0P	4.5
NT50-SLN40-100	226.8	100	85	15	30	32	120	80	40	69.85	M24*3.0P	M20*2.0P	4.6
NT50-SLN42-100	226.8	100	85	15	30	32	120	82	42	69.85	M24*3.0P	M20*2.0P	4.6
NT50-SLN50-120	246.8	120	105	15	35	35	120	90	50	69.85	M24*3.0P	M20*2.0P	4.8
NT50-SLN50.8-120	246.8	120	105	15	35	35	120	90	50.8	69.85	M24*3.0P	M20*2.0P	4.8

特点：

注：
◎本体锥柄规格：GB3837/DIN2080
◎孔径公差 H5
◎不分孔径都为两个螺钉固定
◎刚性夹持，用于重切削
◎侧固式刀柄被用作刀具的工具刀柄
◎装入刀具时，刀具的槽口平面部分与刀柄的侧固螺钉对齐，强力锁定

Features:

◎ Spindle conicity standard：GB3837/DIN2080
◎ Aperture tolerance:H5
◎ End Mill are held by one or two set screws.
◎ Used for remachining with rigidly grip.
◎ Face mill chuck used to be the holder of cutting tools.
◎ When attaching, cutting tools,with strong side aligned lock between the plane of the part and notch solid screws.

NT-7:24 钻接杆 NT-7:24 DRILL CHUCK ARBORS

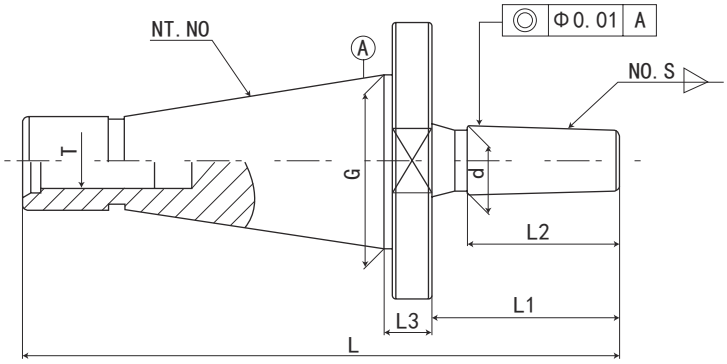




P.J31



P.J58



规格 / 型号 Model	L	L1	L2	L3	d	G	T	NO.S	重量 KGS
NT30-B10	104	24.6	20	11	10.94	31.75	M12*1.75P	B10	0.325
NT30-B12	108	28.6	25	11	12.065	31.75	M12*1.75P	B12	0.33
NT30-B16	116	36.6	32	11	15.733	31.75	M12*1.75P	B16	0.372
NT30-B18	124	44.6	40	11	17.78	31.75	M12*1.75P	B18	0.393
NT30-B22	133	53.6	48	11	21.793	31.75	M12*1.75P	B22	0.46
NT40-B10	132	27.6	20	11	10.94	44.45	M16*2.0P	B10	0.801
NT40-B12	136	31.6	25	11	12.065	44.45	M16*2.0P	B12	0.809
NT40-B16	143	38.6	32	11	15.733	44.45	M16*2.0P	B16	0.848
NT40-B18	151	46.6	40	11	17.78	44.45	M16*2.0P	B18	0.869
NT40-B22	160	55.6	48	11	21.793	44.45	M16*2.0P	B22	0.936
NT50-B10	170	28.2	20	15	10.94	69.85	M24*3.0P	B10	2.684
NT50-B12	174	32.2	25	15	12.065	69.85	M24*3.0P	B12	2.676
NT50-B16	182	40.2	32	15	15.733	69.85	M24*3.0P	B16	2.723
NT50-B18	195	53.2	40	15	17.78	69.85	M24*3.0P	B18	2.744
NT50-B22	200	58.2	48	15	21.793	69.85	M24*3.0P	B22	2.811
规格 / 型号 Model	L	L1	L2	L3	d	G	T	NO.S	重量 KGS
NT30-JO	99	19.6	14	11	6.35	31.75	M12*1.75P-1/2"-13UNC	J0	0.313
NT30-J1	106	37.6	20	11	9.754	31.75	M12*1.75P-1/2"-13UNC	J1	0.326
NT30-J2S	109	40.6	23	11	13.94	31.75	M12*1.75P-1/2"-13UNC	J2S	0.341
NT30-J2	113	44.6	25	11	14.199	31.75	M12*1.75P-1/2"-13UNC	J2	0.349
NT30-J33	122	53.6	28	11	15.85	31.75	M12*1.75P-1/2"-13UNC	J3S	0.377
NT30-J6	122	53.6	28	11	17.17	31.75	M12*1.75P-1/2"-13UNC	J6	0.388
NT30-J3	123	54.6	34	11	20.599	31.75	M12*1.75P-1/2"-13UNC	J3	0.426
NT30-J4	136	67.6	45	11	28.55	31.75	M12*1.75P-1/2"-13UNC	J4	0.602
NT30-J5	145	76.6	50	11	35.89	31.75	M12*1.75P-1/2"-13UNC	J5	0.827
NT40-JO	126	32.6	14	11	6.35	44.45	M16*2.0P-5/8"-11UNC	J0	0.789
NT40-J1	133	39.6	20	11	9.754	44.45	M16*2.0P-5/8"-11UNC	J1	0.797
NT40-J2S	136	42.6	23	11	13.94	44.45	M16*2.0P-5/8"-11UNC	J2S	0.817
NT40-J2	141	47.6	25	11	14.199	44.45	M16*2.0P-5/8"-11UNC	J2	0.829
NT40-J33	145	51.6	28	11	15.85	44.45	M16*2.0P-5/8"-11UNC	J33	0.853
NT40-J6	145	51.6	28	11	17.17	44.45	M16*2.0P-5/8"-11UNC	J6	0.864
NT40-J3	150	56.6	34	11	20.599	44.45	M16*2.0P-5/8"-11UNC	J3	0.902
NT40-J4	165	71.6	45	11	28.55	44.45	M16*2.0P-5/8"-11UNC	J4	1.028
NT40-J5	170	76.6	50	11	35.89	44.45	M16*2.0P-5/8"-11UNC	J5	1.303
NT50-J1	175	48.2	20	15	9.754	69.85	M24*3.0P-1"-8UNC	J1	2.672
NT50-J2S	177	50.2	23	15	13.94	69.85	M24*3.0P-1"-8UNC	J2S	2.692
NT50-J2	180	53.2	25	15	14.199	69.85	M24*3.0P-1"-8UNC	J2	2.704
NT50-J33	184	57.2	28	15	15.85	69.85	M24*3.0P-1"-8UNC	J33	2.728
NT50-J6	184	57.2	28	15	17.17	69.85	M24*3.0P-1"-8UNC	J6	2.739
NT50-J3	191	64.2	34	15	20.599	69.85	M24*3.0P-1"-8UNC	J3	2.777
NT50-J4	202	75.2	45	15	28.55	69.85	M24*3.0P-1"-8UNC	J4	2.953
NT50-J5	208	81.2	50	15	35.89	69.85	M24*3.0P-1"-8UNC	J5	3.178

CAT

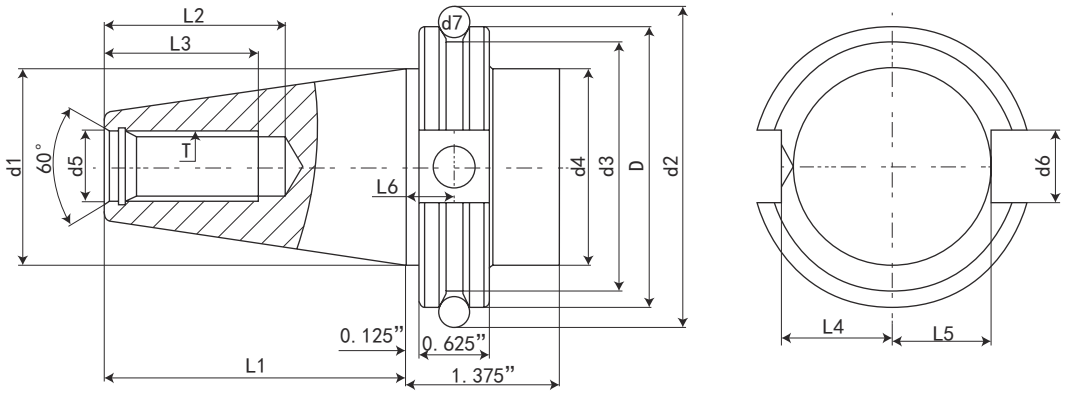
ANSI B5.50

PRECISION TOOL HOLDERS SYSTEM



CAT数控刀柄系列

CNC TOOL SYSTEMS



规格 Type	D ±0.002	d1	d2 ±0.002	d3 ±0.01	d4 ±0.005	d5 ±0.0150	d6 ±0.001	d7	L1 ±0.005	L2 Min	L3 ±0.01	L4 +0 -0.015	L5 +0 -0.015	L6 ±0.01	T Unc 2B
CAT30	1.812	1.250	2.176	1.531	1.250	0.516	0.645	0.2813	1.875	1.00	0.188	0.735	0.640	0.440	0.500-13
CAT40	2.500	1.750	2.863	2.219	1.750	0.641	0.645	0.2813	2.687	1.12	0.188	0.985	0.890	0.440	0.625-11
CAT45	3.250	2.250	2.969	2.969	2.250	0.766	0.770	0.2813	3.250	1.50	0.188	1.235	1.140	0.440	0.750-10
CAT50	3.875	2.750	3.594	3.594	2.750	1.031	1.020	0.2813	4.000	1.75	0.250	1.485	1.390	0.440	1.000-8

特点:

注:
◎锥度精度 : ＜ AT3
◎基本材质 :JIS-SCM415
◎硬度 :HRC56°渗碳深度＞ 0.8mm
◎真圆度: ＜ 0.8μm
◎表面粗糙度: Ra ＜ 0.5μm
◎刀杆本体可另外指定: 通过 V 型法兰端出水规格 (DIN-69871-AD+B)
◎ ER、EOC、FMA、FMB、MLC、MLD、 SCK、SFC、SKS、SLN（DIN、FID、JIS)、SOM、TG 皆符合: 通过刀柄本体中心出水规格 (DIN-69871-AD)
◎刀杆有预设标准动平衡 G6.3，可另外指定精密动平衡 G2.5
◎本体规范: ANSI B5.50

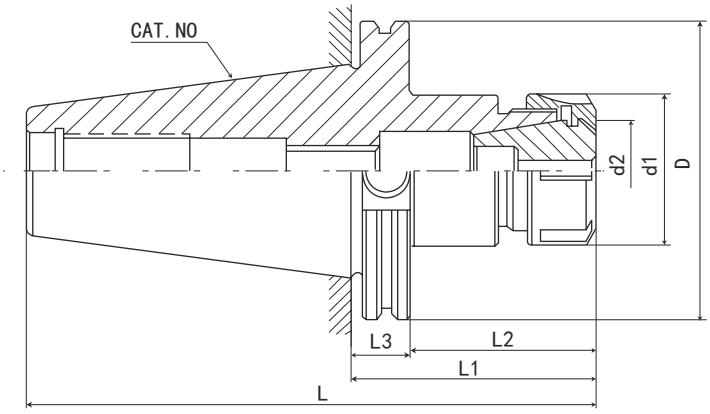
Features:

◎ Taper tolerance ＜ AT3.
◎ Basic Material:JIS-SCM415
◎ Hardness ＞ HRC56° Carbon depth ＞ 0.8mm
◎ Roundness ＜ 0.8μm
◎ Surface roughness:Ra ＜ 0.5μm
◎ If it is suitable for center coolant standard(DIN-69871-AD or B),it can be ordersd.
◎ ER、EOC、FMA、FMB、MLC、MLD、 SCK、SFC、SKS、SLN（DIN、FID、JIS)、SOM、TG Are in compliance with:Water through the chuck body center type(DIN-69871-AD).
◎ The shank has pre-balance at G6.3,and can provide percision balance at G2.5,made by request.
◎ Shank body standard:ANSI B5.50

数控刀柄系列 CNC TOOL SYSTEMS

CAT/ER 筒夹刀柄 CAT/ER COLLET CHUCK






P.J31


P.J06


P.J33


P.J29

规格 / 型号 Model No.	L	L1	D	d1	d2	d3	T	重量 KGS
CAT40-ER16-2.76"	5.447"	2.76"	2.5"	1.102"	0.63"	1.75	M10*1.5P	1.05
CAT40-ER16-4"	6.687"	4"	2.5"	1.102"	0.63"	1.75	M10*1.5P	1.35
CAT40-ER16-6"	8.687"	6"	2.5"	1.102"	0.63"	1.75	M10*1.5P	1.65
CAT40-ER16-8"	10.687"	8"	2.5"	1.102"	0.63"	1.75	M10*1.5P	1.85
CAT40-ER20-2.76"	5.447"	2.76"	2.5"	1.339"	0.788"	1.75	M12*1.75P	1.25
CAT40-ER20-4"	6.687"	4"	2.5"	1.339"	0.788"	1.75	M12*1.75P	1.65
CAT40-ER25-2.76"	5.447"	1.76"	2.5"	1.654"	0.984"	1.75	M16*2.0P	1.35
CAT40-ER25-4"	6.687"	4"	2.5"	1.654"	0.984"	1.75	M16*2.0P	1.70
CAT40-ER25-6"	8.687"	6"	2.5"	1.654"	0.984"	1.75	M16*2.0P	2.25
CAT40-ER25-8"	10.687"	8"	2.5"	1.654"	0.984"	1.75	M16*2.0P	2.55
CAT40-ER32-2.76"	5.447"	2.76"	2.5"	1.969"	1.26"	1.75	M16*2.0P	1.25
CAT40-ER32-4"	6.687"	4"	2.5"	1.969"	1.26"	1.75	M16*2.0P	1.75
CAT40-ER32-6"	8.687"	6"	2.5"	1.969"	1.26"	1.75	M16*2.0P	2.15
CAT40-ER32-8"	10.687"	8"	2.5"	1.969"	1.26"	1.75	M16*2.0P	2.65
CAT40-ER40-3.15"	5.837"	3.15"	2.5"	2.48"	1.575"	1.75	M20*2.0P	1.80
CAT40-ER40-4"	6.687"	4"	2.5"	2.48"	1.575"	1.75	M20*2.0P	2.05
CAT40-ER40-6"	8.687"	6"	2.5"	2.48"	1.575"	1.75	M20*2.0P	3.30
CAT40-ER50-4"	6.687"	4"	2.5"	3.07"	1.969"	1.75	M24*3.0P	2.65
CAT50-ER16-4"	8"	4"	3.875"	1.102"	0.63"	2.75	M10*1.5P	4.10
CAT50-ER16-6"	10"	6"	3.875"	1.102"	0.63"	2.75	M10*1.5P	4.28
CAT50-ER16-8"	12"	8"	3.875"	1.102"	0.63"	2.75	M10*1.5P	4.40
CAT50-ER20-4"	8"	4"	3.875"	1.339"	0.788"	2.75	M12*1.75P	4.20
CAT50-ER20-6"	10"	6"	3.875"	1.339"	0.788"	2.75	M12*1.75P	4.45
CAT50-ER20-8"	12"	8"	3.875"	1.339"	0.788"	2.75	M12*1.75P	4.60
CAT50-ER25-4"	8"	4"	3.875"	1.654"	0.984"	2.75	M16*2.0P	4.15
CAT50-ER25-6"	10"	6"	3.875"	1.654"	0.984"	2.75	M16*2.0P	4.50
CAT50-ER25-8"	123"	8"	3.875"	1.654"	0.984"	2.75	M16*2.0P	4.70
CAT50-ER32-4"	8"	4"	3.875"	1.969"	1.26"	2.75	M16*2.0P	4.35
CAT50-ER32-6"	10"	6"	3.875"	1.969"	1.26"	2.75	M16*2.0P	4.60
CAT50-ER32-8"	12"	8"	3.875"	1.969"	1.26"	2.75	M16*2.0P	4.90
CAT50-ER40-4"	8"	4"	3.875"	2.48"	1.575"	2.75	M20*2.0P	4.25
CAT50-ER40-6"	10"	6"	3.875"	2.48"	1.575"	2.75	M20*2.0P	4.80
CAT50-ER40-8"	12"	8"	3.875"	2.48"	1.575"	2.75	M20*2.0P	5.1
CAT50-ER50-4"	8"	4"	3.875"	3.07"	1.969"	2.75	M24*3.0P	4.85
CAT50-ER50-6"	10"	6"	3.875"	3.07"	1.969"	2.75	M24*3.0P	5.55
CAT50-ER50-8"	12"	8"	3.875"	3.07"	1.969"	2.75	M24*3.0P	5.7

CAT 斜柄钻头套筒 CAT MORSE TAPER ADAPTER



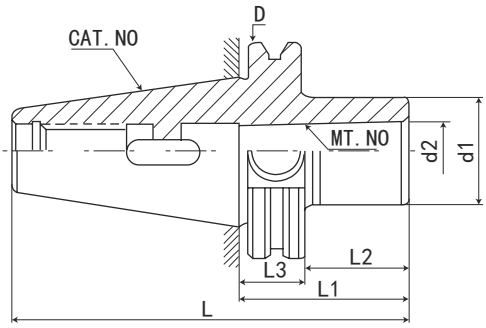


FIG. 1

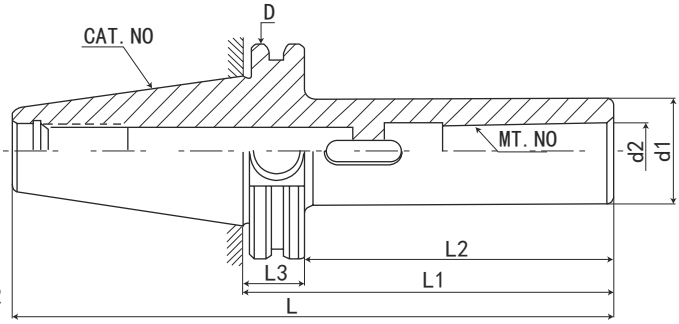


FIG. 2

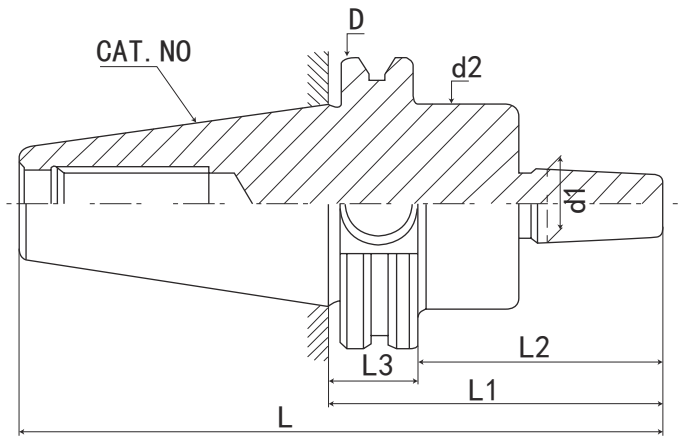


P.J29

规格 / 型号 Model No.-11	L	L1	D	d1	d2	重量 KGS
CAT40-MTA1-1.60"	4.287"	2.205"	2.5"	1"	0.475"	1.3
CAT40-MTA2-2.00"	4.687"	2.638"	2.5"	1.25"	0.7"	1.5
CAT40-MTA3-2.75"	5.437"	3.307"	2.5"	1.55"	0.938"	1.8
CAT40-MTA4-3.75"	6.437"	4.213"	2.5"	1.75"	1.23"	2.4
CAT50-MTA1-2.00"	6"	2.205"	3.875"	1"	0.475"	1.05
CAT50-MTA2-2.00"	6"	2.638"	3.875"	1.25"	0.7"	4.4
CAT50-MTA3-2.50"	6.5"	3.307"	3.875"	1.55"	0.938"	4.5
CAT50-MTA4-3.30"	7.3"	4.213"	3.875"	1.75"	1.23"	4.9
CAT50-MTA5-4.10"	8.1"	5.236"	3.875"	2.48"	1.748"	5.15

CAT 钻接杆刀柄 CAT DRILL CHUCK ARBOR







P.J31



P.J06



P.J33



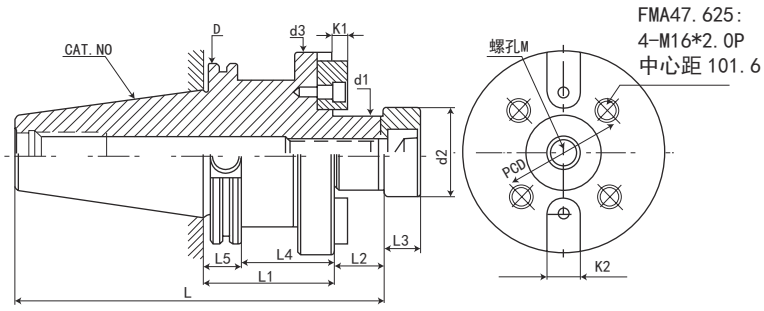
P.J29

规格 / 型号 Model No.-11	L	D	d1	d2	T	重量 KGS
CAT40-JTA2-1.57"	5.132"	2.5"	0.559"	1.75"	5/8"-11	1.25
CAT40-XJTA6-1.57"	5.569"	2.5"	0.676"	1.75"	5/8"-11	1.25
CAT40-JTA33-1.57"	5.569"	2.5"	0.624"	1.75"	5/8"-11	1.25
CAT50-JTA2-1.57"	6.445"	3.875"	0.559"	2.75"	1"-8	3.65
CAT50-JTA6-1.57"	6.57"	3.875"	0.676"	2.75"	1"-8	3.65
CAT50-JTA33-1.57"	6.57"	3.875"	0.624"	2.75"	1"-8	3.65

数控刀柄系列 CNC TOOL SYSTEMS

CAT/FMA 平面铣刀柄 CAT FACE MILL ARBORS





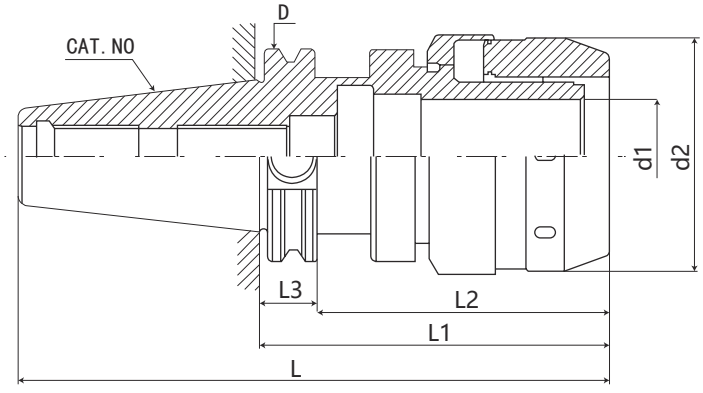

P.J29


P.N02

规格 / 型号 Model No.-11	L	L2	L3	d2	d3	k1	k2	重量 KGS
CAT40-FMA3/4"-1.5"	4.744"	0.687"	0.512"	0.925"	1.69"	0.188"	0.3125"	1.50
CAT40-FMA1"-2.06"	5.434"	0.687"	0.63"	1.240"	2.19"	0.188"	0.375"	2.40
CAT40-FMA1-1/4"-2.21"	5.584"	0.687"	0.63"	1.614"	2.75"	0.25"	0.5"	2.60
CAT40-FMA1-1/2"-2.21"	5.835"	0.938"	0.807"	1.752"	3.81"	0.349"	0.625"	2.70
CAT50-FMA3/4"-1.5"	6.187"	0.687"	0.512"	0.925"	1.69"	0.188"	0.375"	4.20
CAT50-FMA1"-2"	6.687"	0.687"	0.63"	1.240"	2.19"	0.188"	0.375"	4.50
CAT50-FMA1-1/4"-1.5"	6.187"	0.87"	0.63"	1.614"	2.75"	0.25"	0.5"	4.70
CAT50-FMA1-1/2"-2.4"	7.338"	0.938"	0.807"	1.752"	3.81"	0.349"	0.625"	5.00
CAT50-FMA2"-2.4"	7.338"	0.938"	0.807"	2.5"	4.88"	0.384"	0.75"	5.40

CAT-C 型高精度强力刀柄 CAT C FORCE MILLING CHUCK






P.J31


P.J16


P.J29

规格 / 型号 Model	L	L1	L2	D	d1	d2	N.W.(kg)
CAT40-MLC3/4"-3.385"	6.07	3.385	2.56	2.5	0.75	2.17	1.9
CAT40-MLC3/4"-4.13"	6.82	4.13	2.56	2.5	0.75	2.17	2.1
CAT40-MLC1-1/4"-4.53"	7.22	3.385	2.76	2.5	1.25	2.87	2.4
CAT50-MLC3/4"-4.13"	8.13	4.13	2.56	3.875	0.75	2.17	2.5
CAT50-MLC1-1/4"-4.13"	8.13	4.13	2.76	3.875	1.25	2.87	2.8

CAT-SLN 侧固式刀柄 CAT-SLN SIDE LOCK END MILL HOLDER





P.J29



P.P03

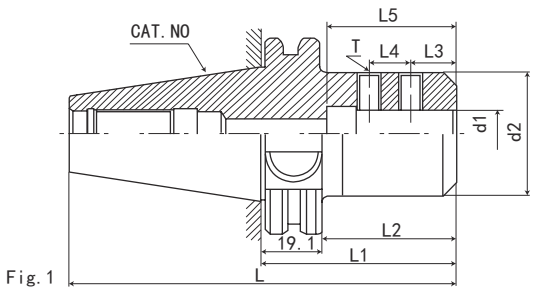


Fig. 1

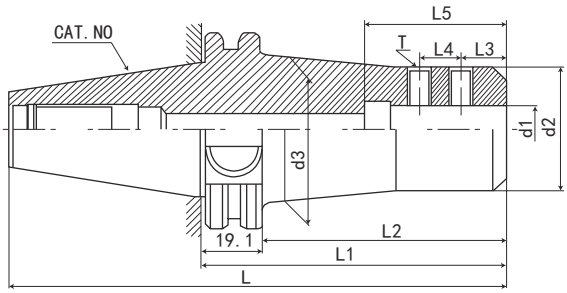
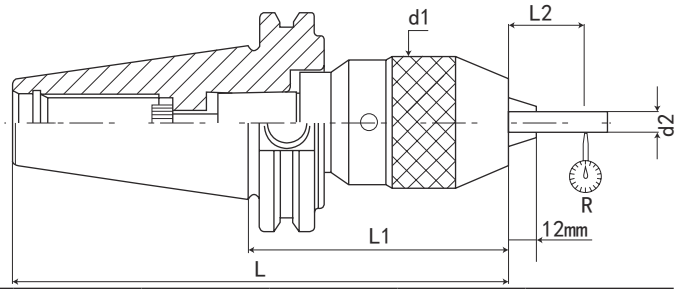


Fig. 2

规格 / 型号 Model No.-11	L	L2	L3	d2	d3	k1	k2	重量 KGS
CAT40-SLN1/8"-2.375"	5.062"	0.37"	-	0.787"	4.1"	0.69"	3/16"-24	1.15
CAT40-SLN3/16"-2.5"	5.187"	0.562"	-	0.984"	2.5"	0.69"	1/4"-28	1.20
CAT40-SLN1/4"-3"	5.687"	0.63"	-	1.38"	2.5"	0.78"	1/4"-28	1.15
CAT40-SLN5/16"-3"	5.687"	0.63"	-	1.38"	4.1"	0.88"	5/16"-24	1.20
CAT40-SLN3/8"-3"	5.687"	0.75"	-	1.535"	2.5"	1"	3/8"-24	1.25
CAT40-SLN1/2"-3"	5.687"	0.875"	-	1.732"	2.7"	1.25"	7/16"-20	1.40
CAT40-SLN5/8"-3"	5.687"	0.937"	0.875"	1.85"	3.6"	1.5"	1/2"-20	1.50
CAT40-SLN3/4"-3"	6.187"	1"	1"	1.929"	3.9"	1.75"	5/8"-18	1.65
CAT40-SLN7/8"-3.5"	6.187"	1.063"	1"	2.36"	4.2"	1.88"	5/8"-18	2.55
CAT40-SLN1"-4"	6.687"	1.125"	1"	2.559"	4.4"	2"	3/4"-16	2.80
CAT40-SLN1-1/4"-4.6"	7.287"	1.125"	-	2.559"	4"	2.5"	3/4"-16	2.90
CAT40-SLN1-1/2"-4.5"	7.187"	1.125"	-	2.56"	3"	2.5"	3/4"-16	3.20
CAT50-SLN1/4"-4"	8"	0.63"	-	1.378"	3.4"	0.78"	1/4"-28	3.95
CAT50-SLN5/6"-4"	8"	0.63"	-	1.378"	4.9"	0.88"	5/16"-24	3.95
CAT50-SLN3/8"-4"	8"	0.781"	-	1.535"	3.4"	1"	3/8"-24	4.00
CAT50-SLN1/2"-4"	8"	0.875"	-	1.732"	3.5"	1.25"	7/16"-20	4.15
CAT50-SLN5/8"-4"	8"	0.937"	-	1.85"	4.6"	1.5"	1/2"-20	4.30
CAT50-SLN3/4"-4"	8"	1"	-	1.929"	4.6"	1.75"	5/8"-18	4.35
CAT50-SLN7/8"-4"	8"	1.063"	0.875"	2.362"	4.2"	1.88"	5/8"-18	5.30
CAT50-SLN1"-4"	8"	1.125"	-	2.56"	4.4"	2"	3/4"-16	5.50
CAT50-SLN1-1/4"-4"	8"	1.125"	-	2.756"	4"	2.5"	3/4"-16	5.65
CAT50-SLN1-1/2"-4.6"	8.6"	1.125"	-	2.756"	4"	2.5"	3/4"-16	5.70
CAT50-SLN2"-6"	10"	1.335"	1.41"	3.347"	5"	3.75"	3/4"-16	5.90

CAT-APU 一体式钻夹头刀柄 CAT-APU DRILL CHUCK HOLDER





规格 / 型号 Model	L	L2	D	d1	d2	R	N.W.(kg)
CAT40-SPU5/16-3.75"	6.44	2.16	2.500	1.65	0.240	0.040	1.85
CAT40-SPU1/2-4.75"	7.44	2.95	2.500	2.13	0.510	0.040	2.10
CAT40-SPU5/8-6"	8.69	3.15	2.500	2.44	0.510	0.040	2.95
CAT50-SPU5/16-4"	8	2.16	3.875	1.65	0.240	0.040	2.10
CAT50-SPU1/2-4.25"	8.25	2.95	3.875	2.13	0.510	0.040	2.85
CAT50-SPU5/8-4.5"	8.5	3.15	3.875	2.44	0.510	0.040	3.45

CAT 转换套（内置夹紧单元） CAT CONVERSION SLEEVE(CLAMPING CARTRIDGES)

FIG. 1

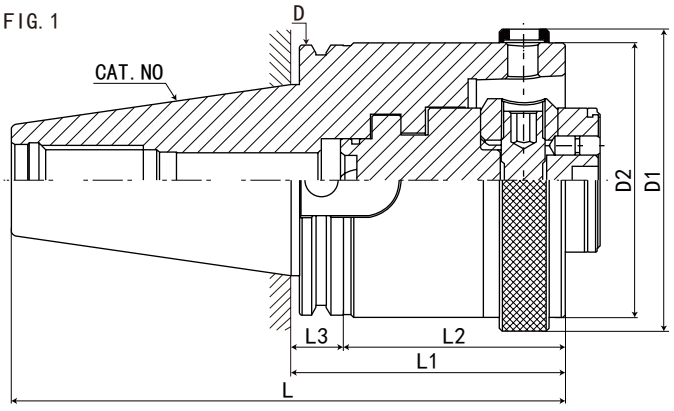
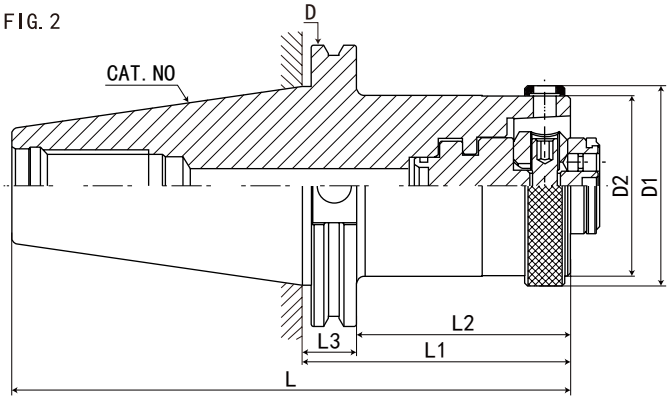




FIG. 2



规格	L	L1	L2	L3	D	D1	D2	FIG	重量
CAT30-HSK32C-45C	92.6	45	29	15.9	46	37	32	2	0.7
CAT30-HSK40C-60C	107.6	60	44	15.9	46	45	40	1	0.8
CAT40-HSK32C-50C	118.2	50	34	15.9	63.5	37	32	2	0.9
CAT40-HSK40C-50C	118.2	50	34	15.9	63.5	45	40	2	1
CAT40-HSK50C-60C	128.2	60	44	15.9	63.5	55	50	2	1
CAT40-HSK63C-75C	143.2	75	59	15.9	63.5	70	63	1	1.2
CAT50-HSK32C-50C	151.6	50	34	15.9	98.4	37	32	2	2.7
CAT50-HSK40C-50C	151.6	50	34	15.9	98.4	45	40	2	2.8
CAT50-HSK50C-55C	156.6	55	39	15.9	98.4	55	50	2	2.9
CAT50-HSK63C-55C	156.6	55	39	15.9	98.4	70	63	2	3.1
CAT50-HSK80C-80C	181.6	80	64	15.9	98.4	87	80	2	4
CAT50-HSK100C-95C	196.6	95	79	15.9	98.4	110	100	1	5

CAT40 - HSK - 32C - 45 - C

- C → 内置夹紧单元 Clamping cartridges
- 45 → L1 长 度 Length(L)
- 32C → 接 口 大 小 Collect model
- HSK → 功 能 代 号 Side lock end mill holder type
- CAT40 → 锥 柄 形 式 Shank size

刀柄配件
HOLDER ACCESSORIES



刀柄配件系列
HOLDER ACCESSORIES

直柄热缩延长杆(4.5°标准型) STRAIGHT HEAT SHRINKABLE EXTENSION ROD (4.5 STANDARD VERSION)



FIG. 1

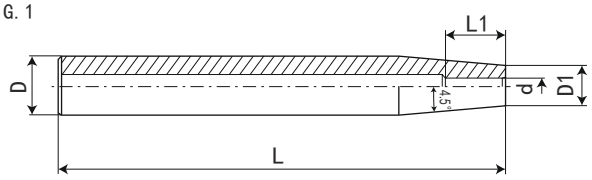
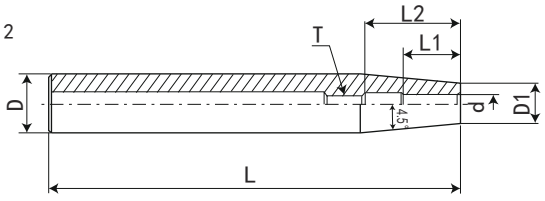




FIG. 2



规格 Model	L	L1	L2	D	D1	d	T	FIG	重量 KG
C12-SF03-120	120	12	*	12	8	3	*	1	0.09
C12-SF03-160	160	12	*	12	8	3	*	1	0.13
C12-SF03-200	200	12	*	12	8	3	*	1	0.17
C12-SF04-120	120	16	*	12	8	4	*	1	0.09
C12-SF04-160	160	16	*	12	8	4	*	1	0.13
C12-SF04-200	200	16	*	12	8	4	*	1	0.17
C12-SF05-120	120	18	*	12	10	5	*	1	0.09
C12-SF05-160	160	18	*	12	10	5	*	1	0.13
C12-SF06-120	120	26	36	12	10	6	M5*0.8P	2	0.17
C12-SF06-160	160	26	36	12	10	6	M5*0.8P	2	0.1
C12-SF08-120	120	26	36	12	12	8	M6*1.0P	2	0.14
C12-SF08-160	160	26	36	12	12	8	M6*1.0P	2	0.18

直柄热缩延长杆 (4.5°标准型)

STRAIGHT HEAT SHRINKABLE EXTENSION ROD (4.5 STANDARD VERSION)



FIG. 1

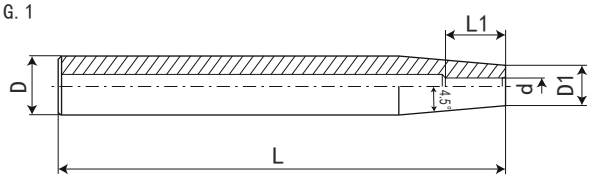
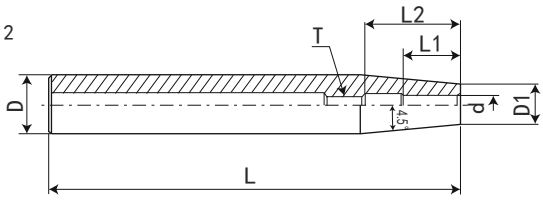




FIG. 2



规格 Model	L	L1	L2	D	D1	d	T	FIG	重量 KG
C16-SF03-120	120	12	*	16	10	3	*	1	0.18
C16-SF03-160	160	12	*	16	10	3	*	1	0.21
C16-SF03-200	200	12	*	16	10	3	*	1	0.24
C16-SF04-120	120	16	*	16	10	4	*	1	0.18
C16-SF04-160	160	16	*	16	10	4	*	1	0.21
C16-SF04-200	200	16	*	16	10	4	*	1	0.24
C16-SF05-120	120	18	*	16	10	5	*	1	0.18
C16-SF05-160	160	18	*	16	10	5	*	1	0.21
C16-SF05-200	200	18	*	16	10	5	*	1	0.24
C16-SF06-120	120	26	36	16	10	6	M5*0.8P	2	0.18
C16-SF06-160	160	26	36	16	10	6	M5*0.8P	2	0.21
C16-SF06-200	200	26	36	16	10	6	M5*0.8P	2	0.24
C16-SF08-120	120	26	36	16	12	8	M6*1.0P	2	0.18
C16-SF08-160	160	26	36	16	12	8	M6*1.0P	2	0.21
C16-SF08-200	200	26	36	16	12	8	M6*1.0P	2	0.24
C16-SF10-120	120	32	42	16	14	10	M8*1.0P	2	0.18
C16-SF10-160	160	32	42	16	14	10	M8*1.0P	2	0.21
C16-SF10-200	200	32	42	16	14	10	M8*1.0P	2	0.24

刀柄配件系列 HOLDER ACCESSORIES

直柄热缩延长杆 (4.5°标准型) STRAIGHT HEAT SHRINKABLE EXTENSION ROD (4.5 STANDARD VERSION)



FIG. 1

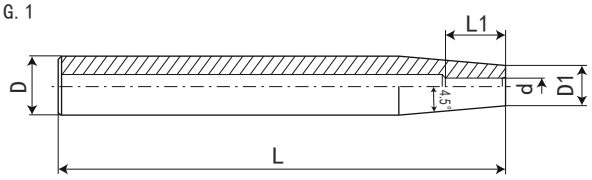
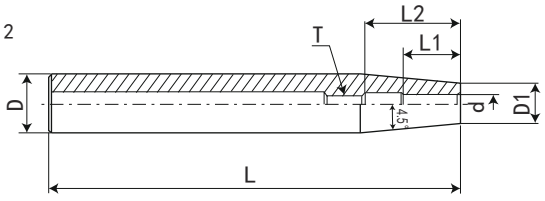




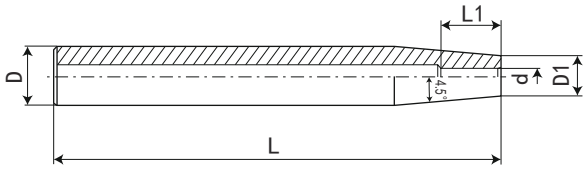
FIG. 2



规格 Model	L	L1	L2	D	D1	d	T	FIG	重量 KG
C20-SF03-120	120	12	*	20	10	3	*	1	
C20-SF03-160	160	12	*	20	10	3	*	1	0.35
C20-SF03-200	200	12	*	20	10	3	*	1	
C20-SF04-120	120	16	*	20	10	4	*	1	
C20-SF04-160	160	16	*	20	10	4	*	1	0.32
C20-SF04-200	200	16	*	20	10	4	*	1	
C20-SF05-120	120	18	*	20	14	5	*	1	
C20-SF05-160	160	18	*	20	14	5	*	1	0.3
C20-SF05-200	200	18	*	20	14	5	*	1	
C20-SF06-120	120	26	36	20	14	6	M5*0.8P	2	0.18
C20-SF06-160	160	26	36	20	14	6	M5*0.8P	2	0.31
C20-SF06-200	200	26	36	20	14	6	M5*0.8P	2	0.44
C20-SF06-250	250	26	36	20	14	6	M5*0.8P	2	0.57
C20-SF06-300	300	26	36	20	14	6	M5*0.8P	2	0.69
C20-SF08-120	120	26	36	20	14	8	M6*1.0P	2	0.15
C20-SF08-160	160	26	36	20	14	8	M6*1.0P	2	0.28
C20-SF08-200	200	26	36	20	14	8	M6*1.0P	2	0.41
C20-SF08-250	250	26	36	20	14	8	M6*1.0P	2	0.53
C20-SF08-300	300	26	36	20	14	8	M6*1.0P	2	0.66
C20-SF10-120	120	32	42	20	14	10	M8*1.0P	2	0.13
C20-SF10-160	160	32	42	20	14	10	M8*1.0P	2	0.26
C20-SF10-200	200	32	42	20	14	10	M8*1.0P	2	0.39
C20-SF10-250	250	32	42	20	14	10	M8*1.0P	2	0.51
C20-SF10-300	300	32	42	20	14	10	M8*1.0P	2	0.62
C20-SF12-120	120	37	47	20	16	12	M10*1.0P	2	0.11
C20-SF12-160	160	37	47	20	16	12	M10*1.0P	2	0.24
C20-SF12-200	200	37	47	20	16	12	M10*1.0P	2	0.37
C20-SF12-250	250	37	47	20	16	12	M10*1.0P	2	0.49
C20-SF12-300	300	37	47	20	16	12	M10*1.0P		0.6

直柄热缩延长杆(4.5°标准型) STRAIGHT HEAT SHRINKABLE EXTENSION ROD (4.5 STANDARD VERSION)





规格 Model	L	L1	L2	D	D1	d	T	重量 KG
C25-SF06-160	160	26	36	25	19	6	M5*0.8P	0.51
C25-SF06-200	200	26	36	25	19	6	M5*0.8P	0.68
C25-SF06-250	250	26	36	25	19	6	M5*0.8P	0.85
C25-SF06-300	300	26	36	25	19	6	M5*0.8P	1
C25-SF08-160	160	26	36	25	19	8	M6*1.0P	0.49
C25-SF08-200	200	26	36	25	19	8	M6*1.0P	0.66
C25-SF08-250	250	26	36	25	19	8	M6*1.0P	0.83
C25-SF08-300	300	26	36	25	19	8	M6*1.0P	0.98
C25-SF10-160	160	32	42	25	20	10	M8*1.0P	0.45
C25-SF10-200	200	32	42	25	20	10	M8*1.0P	0.62
C25-SF10-250	250	32	42	25	20	10	M8*1.0P	0.79
C25-SF10-300	300	32	42	25	20	10	M8*1.0P	0.94
C25-SF12-160	160	37	47	25	20	12	M10*1.0P	0.43
C25-SF12-200	200	37	47	25	20	12	M10*1.0P	0.6
C25-SF12-250	250	37	47	25	20	12	M10*1.0P	0.77
C25-SF12-300	300	37	47	25	20	12	M10*1.0P	0.92
C25-SF14-160	160	37	47	25	20	14	M10*1.0P	0.37
C25-SF14-200	200	37	47	25	20	14	M10*1.0P	0.55
C25-SF14-250	250	37	47	25	20	14	M10*1.0P	0.72
C25-SF14-300	300	37	47	25	20	14	M10*1.0P	0.87
C25-SF16-160	160	40	50	25	22	16	M12*1.0P	0.37
C25-SF16-200	200	40	50	25	22	16	M12*1.0P	0.55
C25-SF16-250	250	40	50	25	22	16	M12*1.0P	0.72
C25-SF16-300	300	40	50	25	22	16	M12*1.0P	0.87

直柄热缩延长杆(4.5°标准型) STRAIGHT HEAT SHRINKABLE EXTENSION ROD (4.5 STANDARD VERSION)



FIG. 1

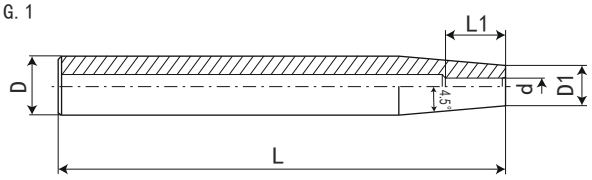
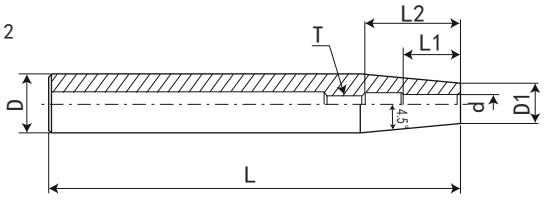




FIG. 2



规格 Model	L	L1	L2	D	D1	d	T	重量 KG
C32-SF10-160	160	32	42	32	24	10	M8*1.0P	0.9
-200	200	32	42	32	24	10	M8*1.0P	1.14
-250	250	32	42	32	24	10	M8*1.0P	1.38
-300	300	32	42	32	24	10	M8*1.0P	1.6
-SF12-160	160	37	47	32	24	12	M10*1.0P	0.76
-200	200	37	47	32	24	12	M10*1.0P	1
-250	250	37	47	32	24	12	M10*1.0P	1.25
-300	300	37	47	32	24	12	M10*1.0P	1.52
-SF14-160	160	37	47	32	27	14	M10*1.0P	0.7
-200	200	37	47	32	27	14	M10*1.0P	0.94
-250	250	37	47	32	27	14	M10*1.0P	1.18
-300	300	37	47	32	27	14	M10*1.0P	1.4
-SF16-160	160	40	50	32	27	16	M12*1.0P	0.67
-200	200	40	50	32	27	16	M12*1.0P	0.9
-250	250	40	50	32	27	16	M12*1.0P	1.13
-300	300	40	50	32	27	16	M12*1.0P	1.34
-SF18-160	160	40	50	32	27	18	M12*1.0P	0.61
-200	200	40	50	32	27	18	M12*1.0P	0.77
-250	250	40	50	32	27	18	M12*1.0P	0.93
-300	300	40	50	32	27	18	M12*1.0P	1.1
-SF20-160	160	42	52	32	27	20	M16*1.0P	0.52
-200	200	42	52	32	27	20	M16*1.0P	0.72
-250	250	42	52	32	27	20	M16*1.0P	0.92
-300	300	42	52	32	27	20	M16*1.0P	1.1

高精度 ER 弹性筒夹 HIGH-PRECISION ER COLLET



特点：

注：
◎材质：SUJ2 （高碳轴承钢：在热处理后，具有坚韧的硬度与韧性，更好的耐磨耗性，且弹性佳使用寿命更长）。
◎硬度：HRC44-48
◎表面粗糙度 RZ2.5 以内
◎ ER8 的夹持范围为 0.5mm；ER11、16、20、25、32、40 的夹持范围为 1mm，但孔径 2.5mm 以下，夹持范围为 0.5mm；ER50 的夹持收缩范围 10mm 以下的收缩范围为 1mm，10mm 以上的收缩范围为 2mm。
◎同心度按 DIN 标准规范全数检验。
◎用於夹持钻头、螺丝攻、铣刀、铰刀等工具。
◎具有弹性伸缩的功能、应用范围广、富变化性。

Features:

◎ Material:SUJ2(High-carbon bearing steel:After heat treatment,it has hardness and toughness,better grinding quality,good flexibility,and longer using life span).
◎ HRC:HRC44-48
◎ Surface roughness:within RZ2.5.
◎ Chucking range:ER8=0.5mm;ER11/16/20/25/32/40=1mm. But if the internal hole is less than 2.5mm,the chucking range will be 0.5mm;ER50 clamping contraction range of 10mm or less shrinkage range is 1 mm,the shrinkage of more than 10 mm range of 2mm.
◎ The cincentricity is totally examined according to DIN norm.
◎ It us used for the cutting tools loke drills,taps,mills,and remers,etc.
◎ It has flexibility and can be applied widely and variably.
◎ Please inform the required precision when ordering.

精湛的加工工艺 SUPER MACHING TECHNOLOGY

深冷处理：

注：
◎ -185°C超长深冷处理，使接近全部的残余奥氏体转变为马氏体
◎析出的纳米级碳化物颗粒，增加硬度和韧性
◎减少残余应力
◎耐磨性显著提高
◎≥ 100h 超长定型热时效去除磨加工时的残余内应力

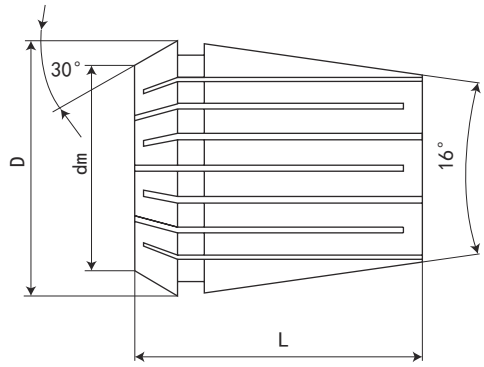
Features:

◎ -185°C long cryogenic,nearly of the residual austenite into martensite.
◎ Carbide precipitation of Nanoscale particles,increasing the hardness and toughness
◎ Reducing residual stresses
◎ Wear resistance significantly improved
◎ Thermal aging processing
≥ 100h long stereotyped thermal limitation removal of grinding residual stress.

刀柄配件系列 HOLDER ACCESSORIES

高精度 ER 弹性筒夹 HIGH-PRECISION ER COLLET

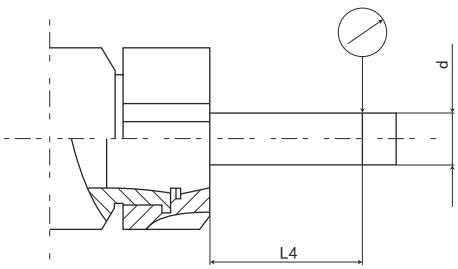




卡簧	ER8	ER11	ER16	ER20	ER25	ER32	ER40	ER50
dm 夹持范围	L/D	L/D	L/D	L/D	L/D	L/D	L/D	L/D
	13.5/8.45	18.5/11.5	27.5/17.0	31.5/21.0	34.0/26.0	40.0/33.0	46.0/41.0	60.0/51.0
1.0-0.5	ER8-1.0	ER11-1.0	ER16-1.0	ER20-1.0	ER25-1.0	ER32-1.0	ER40-1.0	
1.5-1.0	ER8-1.5	ER11-1.5	ER16-1.5	ER20-1.5	ER25-1.5	ER32-1.5	ER40-1.5	
2.0-1.5	ER8-2.0	ER11-2.0	ER16-2.0	ER20-2.0	ER25-2.0	ER32-2.0	ER40-2.0	
2.5-2.0	ER8-2.5	ER11-2.5	ER16-2.5	ER20-2.5	ER25-2.5	ER32-2.5	ER40-2.5	
3.0-2.5	ER8-3.0	ER11-3.0	ER16-3.0	ER20-3.0	ER25-3.0	ER32-3.0	ER40-3.0	
3.5-3.0	ER8-3.5	ER11-3.5	ER16-3.5	ER20-3.5	ER25-3.5	ER32-3.5	ER40-3.5	
4.0-3.5	ER8-4.0	ER11-4.0	ER16-4.0	ER20-4.0	ER25-4.0	ER32-4.0	ER40-4.0	
4.5-4.0	ER8-4.5	ER11-4.5	ER16-4.5	ER20-4.5	ER25-4.5	ER32-4.5	ER40-4.5	
5.0-4.5	ER8-5.0	ER11-5.0	ER16-5.0	ER20-5.0	ER25-5.0	ER32-5.0	ER40-5.0	ER50-5.0
5.5-5.0		ER11-5.5	ER16-5.5	ER20-5.5	ER25-5.5	ER32-5.5	ER40-5.5	
6.0-5.5		ER11-6.0	ER16-6.0	ER20-6.0	ER25-6.0	ER32-6.0	ER40-6.0	ER50-6.0
6.5-6.0		ER11-6.5	ER16-6.5	ER20-6.5	ER25-6.5	ER32-6.5	ER40-6.5	
7.0-6.5		ER11-7.0	ER16-7.0	ER20-7.0	ER25-7.0	ER32-7.0	ER40-7.0	ER50-7.0
7.5-7.0			ER16-7.5	ER20-7.5	ER25-7.5	ER32-7.5	ER40-7.5	
8.0-7.5			ER16-8.0	ER20-8.0	ER25-8.0	ER32-8.0	ER40-8.0	ER50-8.0
8.5-8.0			ER16-8.5	ER20-8.5	ER25-8.5	ER32-8.5	ER40-8.5	
9.0-8.5			ER16-9.0	ER20-9.0	ER25-9.0	ER32-9.0	ER40-9.0	ER50-9.0
9.5-9.0			ER16-9.5	ER20-9.5	ER25-9.5	ER32-9.5	ER40-9.5	
10.0-9.5			ER16-10.0	ER20-10.0	ER25-10.0	ER32-10.0	ER40-10.0	ER50-10.0
10.5-10.0				ER20-10.5	ER25-10.5	ER32-10.5	ER40-10.5	
11.0-10.5				ER20-11.0	ER25-11.0	ER32-11.0	ER40-11.0	ER50-11.0
11.5-11.0				ER20-11.5	ER25-11.5	ER32-11.5	ER40-11.5	
12.0-11.5				ER20-12.0	ER25-12.0	ER32-12.0	ER40-12.0	ER50-12.0
12.5-12.0				ER20-12.5	ER25-12.5	ER32-12.5	ER40-12.5	
13.0-12.5				ER20-13.0	ER25-13.0	ER32-13.0	ER40-13.0	ER50-13.0
14.0-13.0					ER25-14.0	ER32-14.0	ER40-14.0	ER50-14.0
15.0-14.0					ER25-15.0	ER32-15.0	ER40-15.0	ER50-15.0
16.0-15.0					ER25-16.0	ER32-16.0	ER40-16.0	ER50-16.0
17.0-16.0						ER32-17.0	ER40-17.0	ER50-17.0
18.0-17.0						ER32-18.0	ER40-18.0	ER50-18.0
19.0-18.0						ER32-19.0	ER40-19.0	ER50-19.0
20.0-19.0						ER32-20.0	ER40-20.0	ER50-20.0
21.0-20.0							ER40-21.0	ER50-21.0
22.0-21.0							ER40-22.0	ER50-22.0
23.0-22.0							ER40-23.0	ER50-23.0
24.0-23.0							ER40-24.0	ER50-24.0
25.0-24.0							ER40-25.0	ER50-25.0
26.0-25.0							ER40-26.0	ER50-26.0
27.0-26.0								ER50-27.0
28.0-27.0								ER50-28.0
29.0-28.0								ER50-29.0
30.0-29.0								ER50-30.0
31.0-30.0								ER50-31.0
32.0-31.0								ER50-32.0
33.0-32.0								ER50-33.0
34.0-33.0								ER50-34.0
35.0-34.0								ER50-35.0
36.0-35.0								ER50-36.0

ER 弹性筒夹 ER COLLET

精度检测 INSPECTION OF ACCURACY



型号 Model No.	L4	d	径向跳动 Run out		
			A 级 A class	AA 级 AA class	AAA 级 AAA class
ER8	12	3	≤ 0.015	≤ 0.01	≤ 0.008
ER11	15	5	≤ 0.015	≤ 0.01	≤ 0.008
ER16	24	6	≤ 0.015	≤ 0.01	≤ 0.008
ER20	32	8	≤ 0.015	≤ 0.01	≤ 0.008
ER25	48	12	≤ 0.015	≤ 0.01	≤ 0.008
ER32	64	16	≤ 0.015	≤ 0.01	≤ 0.008
ER40	80	20	≤ 0.015	≤ 0.01	≤ 0.008
ER50	100	25	≤ 0.015	≤ 0.01	≤ 0.008



A 级 经济型 ER 筒夹 0.015：

特点：
◎材质：65Mn
◎热处理硬度：HRC40-44
◎精度：≤ 0.015

A level Economical type ER collet

Feature:
◎ Material:65Mn
◎ Hardness:HRC40-44
◎ Accuracy: ≤ 0.015



AA 级 高精度 ER 筒夹 0.008：

特点：
◎材质：65Mn
◎热处理硬度：HRC44-48
◎精度：≤ 0.008

AA level Economical type ER collet

Feature:
◎ Material:65Mn
◎ Hardness:HRC44-48
◎ Accuracy: ≤ 0.008



AAA 级 高精度 ER 筒夹 0.008：

特点：
◎材质：SUJ2
◎热处理硬度：HRC44-48
◎精度：≤ 0.008
◎ -185℃超长深冷处理，使接近全部的残余奥氏体转变为马氏体

AAA level Economical type ER collet

Feature:
◎ Material:SUJ2
◎ Hardness:HRC44-48
◎ Accuracy: ≤ 0.008
◎ -185 ℃ long cryogenic,nearly of the residual austenite into martensite.

刀柄配件系列 HOLDER ACCESSORIES

ER 筒夹套装 ER COLLET SET





ER8 A级 A class

型号 Model No.	规格 Spec	支 / 套 PCS/SET
ER8-9PCS	1 1.5 2 2.5 3 3.5 4 4.5 5	9PCS/SET
ER8-6PCS(inch)	1/32 1/16 3/32 1/8 5/32 3/16	6PCS/SET

ER11 A级 A class

型号 Model No.	规格 Spec	支 / 套 PCS/SET
ER11-7PCS	1 2 3 4 5 6 7	7PCS/SET
ER11-9PCS	3 3.5 4 4.5 5 5.5 6 6.5 7	9PCS/SET
ER11-13PCS	1 1.5 2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7	13PCS/SET
ER11-8PCS(inch)	1/32 1/16 3/32 1/8 5/32 3/16 7/32 1/4	8PCS/SET

ER16 A级 A class

型号 Model No.	规格 Spec	支 / 套 PCS/SET
ER16-10PCS	1 2 3 4 5 6 7 8 9 10	10PCS/SET
ER16-8PCS	3 4 5 6 7 8 9 10	8PCS/SET
ER16-12PCS	1 1.5 2 2.5 3 4 5 6 7 8 9 10	12PCS/SET
ER16-12PCS(inch)	1/32 1/16 3/32 1/8 5/32 3/16 7/32 1/4 9/32 5/16 11/32 3/8	12PCS/SET
ER16-8PCS(inch)	1/8 5/32 3/16 7/32 1/4 5/16 11/32 3/8	8PCS/SET
ER16-5PCS(inch)	1/8 3/16 1/4 5/16 3/8	5PCS/SET

ER20 AAA级 AAA class

型号 Model No.	规格 Spec	支 / 套 PCS/SET
ER20-12PCS	2 3 4 5 6 7 8 9 10 11 12 13	12PCS/SET
ER20-13PCS	1 2 3 4 5 6 7 8 9 10 11 12 13	13PCS/SET
ER20-11PCS	3 4 5 6 7 8 9 10 11 12 13	11PCS/SET
ER20-14PCS	1 1.5 2 3 4 5 6 7 8 9 10 11 12 13	14PCS/SET
ER20-16PCS(inch)	1/32 1/16 3/32 1/8 5/32 3/16 7/32 1/4 9/32 5/16 11/32 3/8 13/32 7/16 15/32 1/2	16PCS/SET
ER20-14PCS(inch)	3/32 1/8 5/32 3/16 7/32 1/4 9/32 5/16 11/32 3/8 13/32 7/16 15/32 1/2	14PCS/SET
ER20-11PCS(inch)	1/8 5/32 3/16 7/32 1/4 9/32 5/16 11/32 3/8 7/16 1/2	11PCS/SET

ER25 AAA级 AAA class

型号 Model No.	规格 Spec	支 / 套 PCS/SET
ER25-14PCS	3 4 5 6 7 8 9 10 11 12 13 14 15 16	14PCS/SET
ER25-15PCS	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	15PCS/SET
ER25-18PCS	1 1.5 2 2.5 3 4 5 6 7 8 9 10 11 12 13 14 15 16	18PCS/SET
ER25-18PCS(inch)	3/32 1/8 5/32 3/16 7/32 1/4 9/32 5/16 11/32 3/8 13/32 7/16 15/32 1/2 17/32 9/16 19/32 5/8	18PCS/SET
ER25-9PCS(inch)	1/8 3/16 1/4 5/16 3/8 7/16 1/2 9/16 5/8	9PCS/SET

ER 筒夹套装　ER COLLET SET



ER32　A级　A class

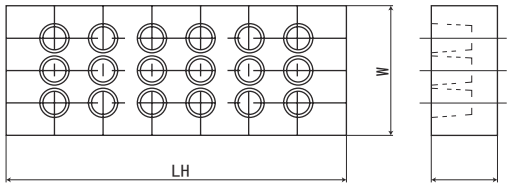
型号 Model No.	规格 Spec	支 / 套 PCS/SET
ER32-18PCS	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	18PCS/SET
ER32-19PCS	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	19PCS/SET
ER32-21PCS	1 1.5 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	21PCS/SET
ER32-18PCS(inch)	1/8 5/32 3/16 7/32 1/4 9/32 5/16 11/32 3/8 7/16 15/32 1/2 9/16 19/32 5/8 11/16 23/32 3/4	18PCS/SET
ER32-12PCS(inch)	1/8 5/32 3/16 1/4 5/16 3/8 7/16 1/2 9/16 5/8 11/16 3/4	12PCS/SET
ER32-11PCS(inch)	1/8 3/16 1/4 5/16 3/8 7/16 1/2 9/16 5/8 11/16 3/4	11PCS/SET
ER32-21PCS(inch)	1/8 5/32 3/16 7/32 1/4 9/32 5/16 11/32 3/8 13/32 7/16 15/32 1/2 17/32 9/16 19/32 5/8 21/32 11/16 23/32 3/4	21PCS/SET



ER40　A级　A class

型号 Model No.	规格 Spec	支 / 套 PCS/SET
ER40-24PCS	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	24PCS/SET
ER40-23PCS	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	23PCS/SET
ER40-18PCS	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 25	18PCS/SET
ER40-15PCS	4 5 6 7 8 9 10 12 14 15 16 18 20 22 24 25 26	15PCS/SET
ER40-8PCS	4 6 8 10 12 16 20 25	8PCS/SET
ER40-23PCS(inch)	1/8 5/32 3/16 7/32 1/4 9/32 5/16 11/32 3/8 7/16 15/32 1/2 9/16 19/32 5/8 11/16 23/32 3/4 13/16 27/32 7/8 29/32 1"	23PCS/SET
ER40-18PCS(inch)	5/32 3/16 7/32 1/4 9/32 5/16 11/32 3/8 7/16 15/32 1/2 9/16 19/32 5/8 11/16 3/4 13/16 1"	18PCS/SET
ER40-15PCS(inch)	1/8 3/16 1/4 5/16 3/8 7/16 1/2 9/16 5/8 11/16 3/4 13/16 7/8 15/16 1"	15PCS/SET
ER40-14PCS(inch)	1/8 3/16 1/4 5/16 3/8 7/16 1/2 9/16 5/8 11/16 3/4 13/16 7/8 1"	14PCS/SET
ER40-8PCS(inch)	1/8 1/4 3/8 1/2 5/8 3/4 7/8 1"	8PCS/SET

ER 筒夹木盘　ER COLLET WOODEN TRAYS

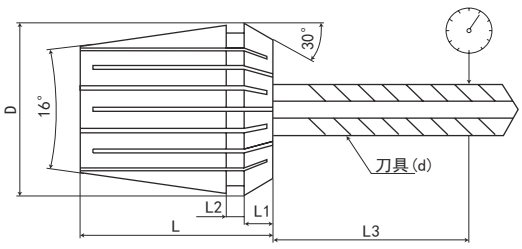


型号 Model No.	L（长）	W（宽）	H（高）	PCS	重量 KGS
ER8	210	20	13	9	0.01
ER11	210	20	13	13	0.01
ER16	275	35	22	10	0.14
ER20	275	35	22	12	0.12
ER25	275	77	26	16	0.18
ER32	340	90	30	18	0.48
ER40	265	210	38	24	0.76
ER50	235	210	37	12	0.64

刀柄配件系列 HOLDER ACCESSORIES

ER 止水筒夹 ER COOLANT COLLET





规格 / 型号 Model	d	夹持范围 Range	D	D1	L	L1
ER11S	3-7	0.1	11	11.5	18	3.8
ER16S	3-6	0.1	16	17	27.5	6.26
	6-10	0.5	16	17	27.5	6.26
ER20S	3-6	0.1	20	21	31.5	6.36
	6-13	0.5	20	21	31.5	6.36
ER25S	3-6	0.1	25	26	34	6.66
	6-16	0.5	25	26	34	6.66
ER32S	3-8	0.1	32	33	40	7.16
	8-20	0.5	32	33	40	7.16
ER40S	4-10	0.1	40	41	46	7.66
	10-26	0.5	40	41	46	7.66
ER50S	12-34	0.5	50	52	60	12.6

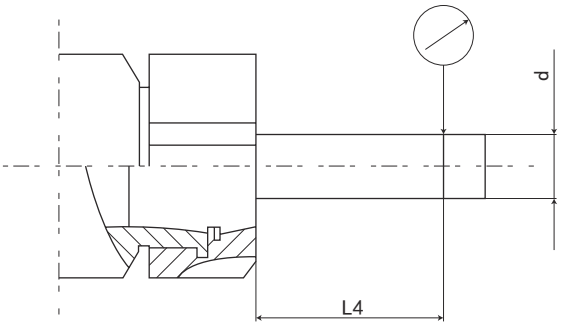
特点：

◎材料：SUJ2
◎硬度：HRC44-48
◎利用沟槽差异，达到周围止水，仅中心的功能
◎适用于夹持有出水孔的刀具
◎可承受水压 7Mpa
◎非标准孔可订制

Features:

◎ Material:SUJ2
◎ Hardness:HRC44-48
◎ Differences in the use of grooves to reach around the sealing
◎ Central water feature only applies to folders to hold the water hole tool
◎ Canwithstand water pressure 7Mpa
◎ Non-standard holes can be customized

精度检测 INSPECTION OF ACCURACY



L4	d	径向跳动 Run out	
		A 级 A class	AA 级 AA class
16	3.0-6.0	⩽ 0.008	⩽ 0.005
25	6.0-10.0	⩽ 0.008	⩽ 0.005
40	10.0-18.0	⩽ 0.008	⩽ 0.005
50	18.0-27.0	⩽ 0.008	⩽ 0.005
60	27.0-34.0	⩽ 0.015	⩽ 0.01

特点：

◎利用沟槽的差异，以及垫圈（Sealed ring 封环）的应用，达到周围止水，仅中心出水的功用。
◎适合于夹持出水孔的刀具
◎可承受水压达 21kgf/cm²
◎无弹性（没有弹性夹持范围，需看最大夹持范围）
◎非标准孔径如英制尺寸或是点数规格可接受订制
◎此产品 ER 部分依据 DIN6499，可搭配合适的 (无）刀杆

Features:

◎ Take use of the difference of flute and the use of sealed ring to attain surrounding coolant and provide center as water outlet.
◎ Useful to chuck cutting tools with water outlet.
◎ Can bear the water pressure up to 21 kgf/cm².
◎ No flexibility(NO flexible chucking range.It depends on the biggest chucking range).
◎ Non-standard type,such as inch type or decimal type,are welcomed to order.
◎ The ER part of the product is according to DIN-6499.It can be used with suitable tool holders.

ER 止水筒夹 ER COOLANT COLLET

ER11S		ER16S		ER20S		ER25S		ER32S		ER40S		ER50S	
规格 Type	夹持范围 Range	规格 Type	夹持范围 Range	规格 Type	夹持范围 Range	规格 Type	夹持范围 Range	规格 Type	夹持范围 Range	规格 Type	夹持范围 Range	规格 Type	夹持范围 Range
3S	3-2.9	3S	3-2.9	3S	3-2.9	3S	3-2.9	3S	3-2.9	4S	4-3.9	12S	12-11.5
4S	4-3.9	4S	4-3.9	4S	4-3.9	4S	4-3.9	4S	4-3.9	5S	5-4.9	14S	14-13.5
4.5S	4.5-4.4	4.5S	4.5-4.4	5S	5-4.9	5S	5-4.9	5S	5-4.9	6S	6-5.9	16S	16-15.5
5S	5-4.9	5S	5-4.9	5.5S	5.5-5.4	6S	6-5.5	6S	6-5.9	7S	7-6.9	16.5S	16.5-16
5.5S	5.5-5.4	5.5S	5.5-5.4	6S	6-5.5	6.5S	6.5-6	7S	7-6.9	8S	8-7.9	17S	17-16.5
6S	6-5.9	6S	6-5.5	6.5S	6.5-6	7S	7-6.5	8S	8-7.5	9S	9-8.9	17.5S	17.5-17
6.5S	6.5-6.4	6.5S	6.5-6	7S	7-6.5	7.5S	7.5-7	8.5S	8.5-8	10S	10-9.5	18S	18-17.5
7S	7-6.9	7S	7-6.5	7.5S	7.5-7	8S	8-7.5	9S	9-8.5	10.5S	10.5-10	18.5S	18.5-18
		7.5S	7.5-7	8S	8-7.5	8.5S	8.5-8	9.5S	9.5-9	11S	11-10.5	19S	19-18.5
		8S	8-7.5	8.5S	8.5-8	9S	9-8.5	10S	10-9.5	11.5S	11.5-11	19.5S	19.5-19
		8.5S	8.5-8	9S	9-8.5	9.5S	9.5-9	10.5S	10.5-10	12S	12-11.5	20S	20-19.5
		9S	9-8.5	9.5S	9.5-9	10S	10-9.5	11S	11-10.5	12.5S	12.5-12	20.5S	20.5-20
		9.5S	9.5-9	10S	10-9.5	10.5S	10.5-10	11.5S	11.5-11	13S	13-12.5	21S	21-20.5
		10S	10-9.5	10.5S	10.5-10	11S	11-10.5	12S	12-11.5	13.5S	13.5-13	21.5S	21.5-21
				11S	11-10.5	11.5S	11.5-11	12.5S	12.5-12	14S	14-13.5	22S	22-21.5
				11.5S	11.5-11	12S	12-11.5	13S	13-12.5	14.5S	14.5-14	22.5S	22.5-22
				12S	12-11.5	12.5S	12.5-12	13.5S	13.5-13	15S	15-14.5	23S	23-22.5
				12.5S	12.5-12	13S	13-12.5	14S	14-13.5	15.5S	15.5-15	23.5S	23.5-23
				13S	13-12.5	13.5S	13.5-13	14.5S	14.5-14	16S	16-15.5	24S	24-23.5
						14S	14-13.5	15S	15-14.5	16.5S	16.5-116	24.5S	24.5-24
						14.5S	14.5-14	15.5S	15.5-15	17S	17-16.5	25S	25-24.5
						15S	15-14.5	16S	16-15.5	17.5S	17.5-17	25.5S	25.5-25
						15.5S	15.5-15	16.5S	16.5-16	18S	18-17.5	26S	26-25.5
						16S	16-15.5	17S	17-16.5	18.5S	18.5-18	26.5S	26.5-26
								17.5S	17.5-17	19S	19-18.5	27S	27-26.5
								18S	18-17.5	19.5S	19.5-19	27.5S	27.5-27
								18.5S	18.5-18	20S	20-19.5	28S	28-27.5
								19S	19-18.5	20.5S	20.5-20	28.5S	28.5-28
								19.5S	19.5-19	21S	21-20.5	29S	29-28.5
								20S	20-19.5	21.5S	21.5-21	29.5S	29.5-29
										22S	22-21.5	30S	30-29.5
										22.5S	22.5-22	30.5S	30.5-30
										23S	23-22.5	31S	31-30.5
										23.5S	23.5-23	31.5S	31.5-31
										24S	24-23.5	32S	32-31.5
										24.5S	24.5-24	32.5S	32.5-32
										25S	25-24.5	33S	33-32.5
										25.5S	25.5-25	33.5S	33.5-33
										26S	26-25.5	34S	34-33.5

型号 Model No.	夹持能力 Capacity	规格 Type	支 / 套 PCS/SET
ER11S	3-7	3 4 4.5 5 5.5 6 6.5 7	8
ER16S	3-10	3 4 5 6 7 8 9 10	8
ER20S	3-13	3 4 5 6 7 8 9 10 11 12 13	11
ER25S	3-16	3 4 5 6 7 8 9 10 11 12 13 14 15 16	14
ER32S	3-20	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	18
ER40S	4-26	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	23
ER50S	12-34	12 14 16 18 20 22 24 26 28 30 32 34	12

GSK 高速筒夹系列 GSK HIGH SPEED COLLET SERIES



特点：

注：
◎材质：SUJ2
◎硬度：HRC44-48
◎内孔多次研磨，可达 Ra0.4，起到镜面效果
◎筒夹锥前面的凸台设计，工作中可防止粉尘、切屑的进入，延长了使用寿命
◎外圆及端面多次研磨，可达 Ra0.4，起到镜面效果
◎表面＂环保”特殊涂层处理，提高表面硬度、耐磨性，提高清洁度，精度更稳定，表面更光滑，防锈、防腐蚀效果更好，手感更舒适，外型更美观
◎筒夹 4°的半锥角设计，更具有夹持力，提高抗震性能

Features:

◎ Material:SUJ2.
◎ HRC:HRC44-48.
◎ Inner hole grinding for many times,so as to reach Ra0.4,has a mirror effect.
◎ The design of the convex platform in front of the collet can prevent dust and chip getting into the collet when processing,prolong the tool's life.
◎ End and the cylindrical are grinding for many times,can reach Ra0.4,has a mirror effec.
◎ Surface"environmental protection",special coating surface treatment,improve the hardness and endurance of the surface,cleaness better,accuracy stable,surface more smooth,antirust,feel comfortable,appearance nice.
◎ The desing of 4 ° collet,more clamping force,to improve seismic performance.

精湛的加工工艺 SUPER MACHING TECHNOLOGY

深冷处理：

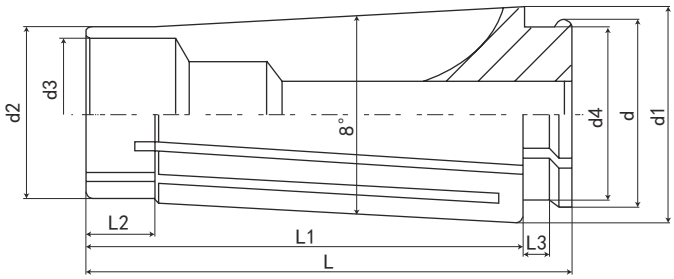
注：
◎ -185°C超长深冷处理，使接近全部的残余奥氏体转变为马氏体
◎析出的纳米级碳化物颗粒，增加硬度和韧性
◎减少残余应力
◎耐磨性显著提高
◎≥ 100h 超长定型热时效去除磨加工时的残余内应力

Features:

◎ -185°C long cryogenic,nearly of the residual austenite into martensite.
◎ Carbide precipitation of Nanoscale particles,increasing the hardness and toughness
◎ Reducing residual stresses
◎ Wear resistance significantly improved
◎ Thermal aging processing
≥ 100h long stereotyped thermal limitation removal of grinding residual stress.

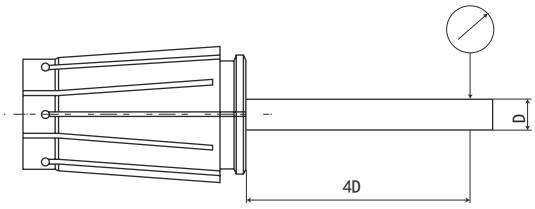
GSK 高速筒夹系列 GSK HIGH SPEED COLLET SERIES





规格 / 型号 Model	d	d1	d2	d3	d4	L	L1	L2	L3
GSK06	8.9(8.6)	10.4(10.25)	7.5	6	7.6	25	17.4	3.8	2.2
GSK10	13.4(13)	15.45(15.3)	12	9.5	11.8	30.5	21.1	5.1	2.4
GSK13	17.05	19.97	15.5	12.5	15.1	39	27	6.5	2.4
GSK16	20.85	24.52	18.8	15.5	19	45	32.4	7.5	2.5
GSK20	24.95	29.1	22.6	19.5	23	54	40.7	8	2.9
GSK25	31	35.7	28.9	25	28.5	57	43.1	8.4	3

GSK06		GSK10		GSK13		GSK16		GSK20		GSK25	
型号 Model	范围 Range	型号 Model	范围 Range	型号 Model	范围 Range	型号 Model	范围 Range	型号 Model	范围 Range	型号 Model	范围 Range
GSK06-2	2-1.75	GSK10-2	2-1.75	GSK13-3	3-2.75	GSK16-3	3-2.75	GSK20-4	4-3.5	GSK25-6	6-6.5
GSK06-2.5	2.5-2.25	GSK10-2.5	2.5-2.25	GSK13-3.5	3.5-3	GSK16-3.175	3.175-2.7	GSK20-4.5	4.5-4	GSK25-8	8-7.5
GSK06-3	3-2.75	GSK10-3	3-2.75	GSK13-4	4-3.5	GSK16-3.5	3.5-3	GSK20-5	5-5.5	GSK25-10	10-9.5
GSK06-3.5	3.5-3	GSK10-3.175	3.175-2.7	GSK13-4.5	4.5-4	GSK16-4	4-3.5	GSK20-5.5	5.5-5	GSK25-12	12-11.5
GSK06-4	4-3.5	GSK10-3.5	3.5-3	GSK13-5	5-4.5	GSK16-4.5	4.5-4	GSK20-6	6-5.5	GSK25-14	14-13.5
GSK06-4.5	4.5-4	GSK10-4	4-3.5	GSK13-5.5	5.5-5	GSK16-5	5-4.5	GSK20-6.5	6.5-6	GSK25-16	16-15.5
GSK06-5	5-4.5	GSK10-4.5	4.5-4	GSK13-6	6-5.5	GSK16-5.5	5.5-5	GSK20-7	7-6.5	GSK25-16.5	16.5-16
GSK06-5.5	5.5-5	GSK10-5	5-4.5	GSK13-6.5	6.5-6	GSK16-6	6-5.5	GSK20-7.5	7.5-7	GSK25-17	17-16.5
GSK06-6	6-5.5	GSK10-5.5	5.5-5	GSK13-7	7-6.5	GSK16-6.5	6.5-6	GSK20-8	8-7.5	GSK25-17.5	17.5-17
		GSK10-6	6-5.5	GSK13-7.5	7.5-7	GSK16-7	7-6.5	GSK20-8.5	8.5-8	GSK25-18	18-17.5
		GSK10-6.5	6.5-6	GSK13-8	8-7.5	GSK16-7.5	7.5-7	GSK20-9	9-8.5	GSK25-18.5	18.5-18
		GSK10-7	7-6.5	GSK13-8.5	8.5-8	GSK16-8	8-7.5	GSK20-9.5	9.5-9	GSK25-19	19-18.5
		GSK10-7.5	7.5-7	GSK13-9	9-8.5	GSK16-8.5	8.5-8	GSK20-10	10-9.5	GSK25-19.5	19.5-19
		GSK10-8	8-7.5	GSK13-9.5	9.5-9	GSK16-9	9-8.5	GSK20-10.5	10.5-10	GSK25-20	20-19.5
		GSK10-8.5	8.5-8	GSK13-10	10-9.5	GSK16-9.5	9.5-9	GSK20-11	11-10.5	GSK25-20.5	20.5-20
		GSK10-9	9-8.5	GSK13-10.5	10.5-10	GSK16-10	10-9.5	GSK20-11.5	11.5-11	GSK25-21	21-20.5
		GSK10-9.5	9.5-9	GSK13-11	11-10.5	GSK16-10.5	10.5-10	GSK20-12	12-11.5	GSK25-21.5	21.5-21
		GSK10-10	10-9.5	GSK13-11.5	11.5-11	GSK16-11	11-10.5	GSK20-12.5	12.5-12	GSK25-22	22-21.5
				GSK13-12	12-11.5	GSK16-11.5	11.5-11	GSK20-13	13-12.5	GSK25-22.5	22.5-22
				GSK13-12.5	12.5-12	GSK16-12	12-11.5	GSK20-13.5	13.5-13	GSK25-23	23-22.5
				GSK13-13	13-12.5	GSK16-12.5	12.5-12	GSK20-14	14-13.5	GSK25-23.5	23.5-23
						GSK16-13	13-12.5	GSK20-14.5	14.5-14	GSK25-24	24-23.5
						GSK16-13.5	13.5-13	GSK20-15	15-14.5	GSK25-24.5	24.5-24
						GSK16-14	14-13.5	GSK20-15.5	15.5-15	GSK25-25	25-24.5
						GSK16-14.5	14.5-14	GSK20-16	16-15.5		
						GSK16-15	15-14.5	GSK20-16.5	16.5-16		
						GSK16-15.5	15.5-15	GSK20-17	17-16.5		
						GSK16-16	16-15.5	GSK20-17.5	17.5-17		
								GSK20-18	18-17.5		
								GSK20-18.5	18.5-18		
								GSK20-19	19-18.5		
								CSK20-19.5	19.5-19		
								CSK20-20	20-19.5		



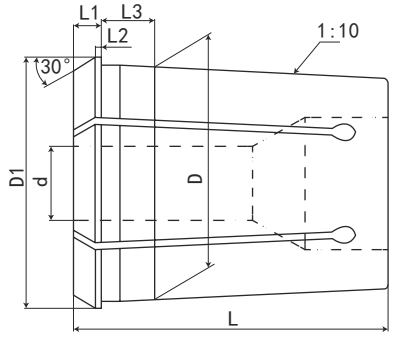
L	径向跳动（Run out）	
	A 级（A class）	AA 级（A A class）
4XD	≤ 0.01	≤ 0.008

◎材质：SUJ2 ◎ Material:SUJ2
◎热处理硬度：HRC44-48 ◎ Hardness:HRC44-48

刀柄配件系列 HOLDER ACCESSORIES

DIN6388A 标准 EOC 系列铣夹头 DIN6388A EOC COLLETS



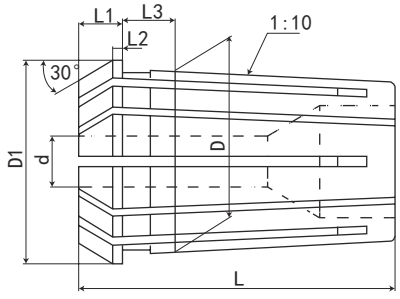


夹持工件或刀具柄允差：h11 Clamp workpiece or tooling shank tolerance h11

规格 / 型号 Model	D	D1	d	L	L1	L2	L3
EOC6A	10	11.5	1-6	21	3.5	0.5	4
EOC8A	12.65	14.5	1-8	26	4	0.8	4.5
EOC10A	15.15	17.2	1-10	30	4.5	0.8	4.5
EOC12A	17.75	19.8	1-12	34	5	1.1	4.5
EOC16A	22.65	25.5	2-16	40	5.5	1.2	5.5
EOC20A	27.4	29.8	2-20	45	6	1.35	6
EOC25A	32.9	35.05	2-25	52	6	1.4	6
EOC32A	41.3	43.7	4-32	60	6	1.45	7
EOC40A	49.7	52.2	6-40	68	6	1.45	8
EOC50A	61.1	63.8	8-50	80	7	1.55	9

DIN6388B 标准 EOC 系列铣夹头 DIN6388B EOC COLLETS

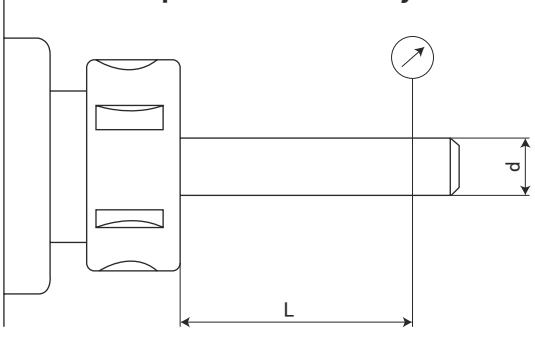




最大夹持范围：0.5mm Max clamping range:0.5mm

规格 / 型号 Model	D	D1	d	L	L1	L2	L3
EOC16B	22.65	25.5	2-16	40	5.5	1.2	9.5
EOC20B	27.4	29.8	2-20	45	6	1.35	10
EOC25B	32.9	35.05	2-25	52	6	1.4	10
EOC32B	41.3	43.7	4-32	60	6	1.45	11
EOC40B	49.7	52.2	6-40	68	6	1.45	12
EOC50B	61.1	63.8	8-50	80	7	1.55	13

精度检测 Inspection of accuracy

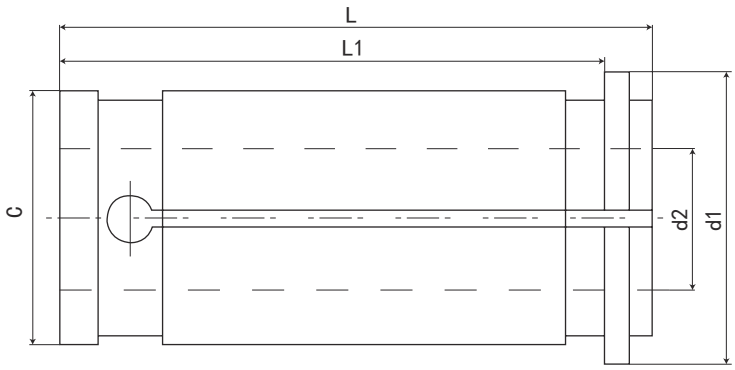


D	L	径向跳动 Run out	
		AA 级 AA class	A 级 A class
1.0-1.6	6	0.010	0.015
> 1.6-3.0	10	0.010	0.015
> 3.0-7.0	16	0.010	0.015
> 7.0-10.0	25	0.010	0.015
> 10.0-18.0	40	0.015	0.020
> 18.0-24.0	50	0.015	0.020
> 24.0-30.0	60	0.015	0.020
> 30.0-50.0	80	0.020	0.030

说明：无特殊要求，一般 A 级供货，如需 AA 级，则需特殊订货，价格另议
If no special requirement,we would supply to you according to A grade,if you require AA grade,the price would be advanced

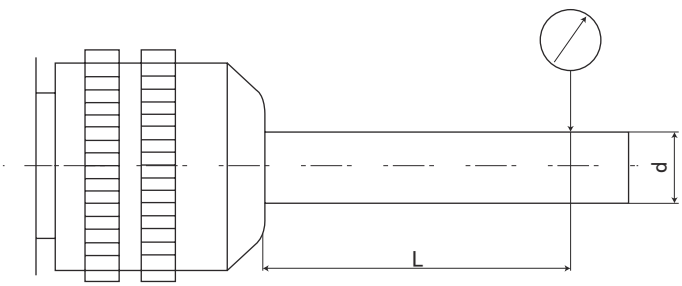
C 型强力直柄筒夹 C STRAIGHT COLLET





规格 / 型号 Model	夹持范围 d2 Range	C	d1	L	L1
SC16	3/4/5/6/7/8/9/10/11/12	16	25	49	47
SC20	3/4/5/6/7/8/9/10/11/12/13/14/15/16	20	25	52.5	49
SC22	3/4/5/6/7/8/9/10/11/12/13/14/15/16	22	26	55	51.5
SC25	3/4/5/6/7/8/9/10/11/12/13/14/15/16/18/19/20	25	30	60	55
SC32	3/4/5/6/7/8/9/10/11/12/13/14/15/16/18/19/20/21/22/23/24/25/26	32	37.5	65	60
SC42	3/4/5/6/7/8/9/10/11/12/13/14/15/16/18/19/20/21/22/23/24/25/26 27/28/29/30/31/32/33/34/35/36	42	47	75	69
英制规格可定购 Inch size can be ordered					

d	L	径向跳动 Run out(mm)	
		普通级 General level	高精级 High precision
＜10	30	0.015	0.01
⩾10-20	50	0.015	0.01
＞20	80	0.02	0.01



特点：

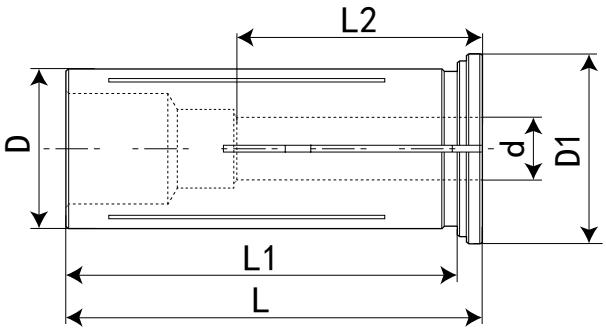
◎材质：SUJ-2
◎硬度：HRC44-48
◎偏摆精度：⩽ 0.01mm
◎限定夹持与孔径相同之刀具柄径
◎筒夹不具备弹性收缩范围，强调夹持力
◎刀具置入筒夹必须超过内孔有效夹持长度，以达到有效夹持
◎共有两种精度等级：高精级 0.01 mm 及普通级 0.015mm
◎订购时请告知所须精度等级

Features:

◎ Material:SUJ-2.
◎ Hardness:HRC44-48
◎ Precision: ⩽ 0.01mm
◎ Definition clamp and aperture same shank of tool diameter.
◎ The collet does not have the elastic contraction scope,the emphasis chucking power.
◎ In the cutting tool posts the collet to surpass the hole effective clamp length,achieves the effective clamp.
◎ There are two dinds of classes for precision:High precision0.01 mm,General level0.015mm.
◎ Please inform the required precision when ordering.

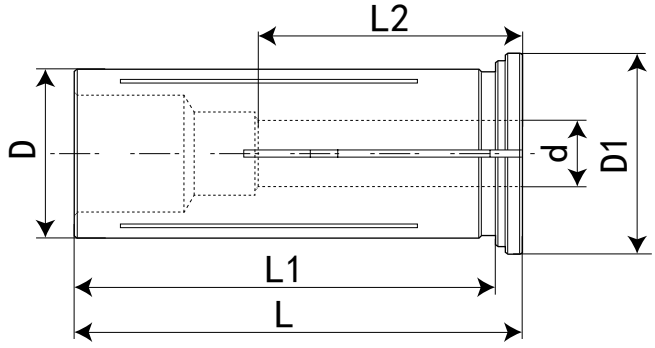
液压筒夹（标准型） HYDRAULIC COLLET（STANDARD）





规格 Model	L	L1	L2	D1	D	d	重量 KG
HC12-03	48	45.9	16.9	19	12	3	
HC12-1/8	48	45.9	16.9	19	12	3.175	
HC12-04	48	45.9	21	19	12	4	
HC12-05	48	45.9	23	19	12	5	
HC12-06	48	45.9	27	19	12	6	
HC12-08	48	45.9	25.8	19	12	8	
HC12-10	48	45.9	48	19	12	10	

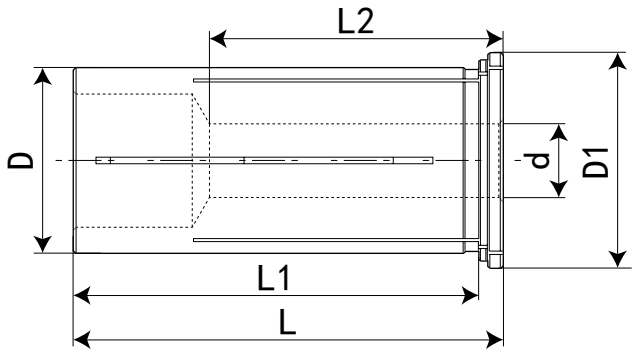




规格 Model	L	L1	L2	D1	D	d	重量 KG
HC20-03	54	51	21	23.9	20	3	
HC20-1/8	54	51	21	23.9	20	3.175	
HC20-04	54	51	21.5	23.9	20	4	
HC20-05	54	51	24	23.9	20	5	
HC20-06	54	51	28.5	23.9	20	6	
HC20-08	54	51	31.6	23.9	20	8	
HC20-10	54	51	39.4	23.9	20	10	
HC20-12	54	51	39.2	23.9	20	12	
HC20-14	54	51	54	23.9	20	14	
HC20-16	54	51	54	23.9	20	16	

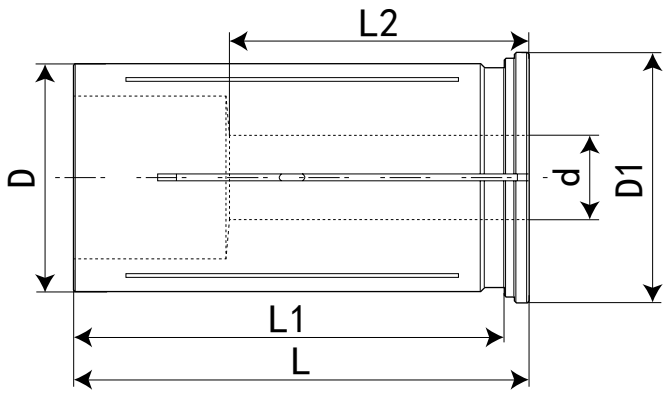
液压筒夹（标准型） HYDRAULIC COLLET（STANDARD）





规格 Model	L	L1	L2	D1	D	d	重量 KG
HC25-03	58	54.8	25	29	25	3	
HC25-1/8	58	54.8	25	29	25	3.175	
HC25-04	58	54.8	25.8	29	25	4	
HC25-05	58	54.8	25.8	29	25	5	
HC25-06	58	54.8	30.5	29	25	6	
HC25-08	58	54.8	33.6	29	25	8	
HC25-10	58	54.8	39.7	29	25	10	
HC25-12	58	54.8	40.3	29	25	12	
HC25-14	58	54.8	40.8	29	25	14	
HC25-16	58	54.8	40.4	29	25	16	
HC25-18	58	54.8	40.5	29	25	18	
HC25-20	58	54.8	58	29	25	20	

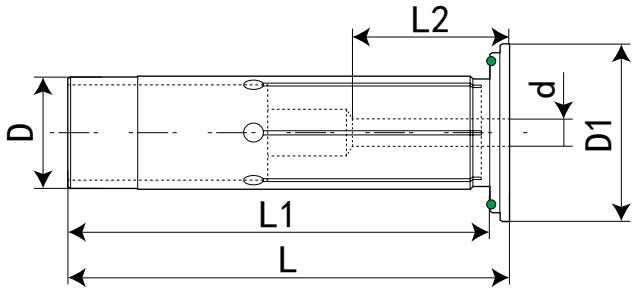




规格 Model	L	L1	L2	D1	D	d	重量 KG
HC32-05	64	60.6	25.5	35.2	32	5	
HC32-06	64	60.6	27.4	35.2	32	6	
HC32-08	64	60.6	31	35.2	32	8	
HC32-10	64	60.6	42.4	35.2	32	10	
HC32-12	64	60.6	42.4	35.2	32	12	
HC32-14	64	60.6	45	35.2	32	14	
HC32-16	64	60.6	51.3	35.2	32	16	
HC32-18	64	60.6	51.3	35.2	32	18	
HC32-20	64	60.6	52.4	35.2	32	20	
HC32-22	64	60.6	52.4	35.2	32	22	
HC32-24	64	60.6	53.6	35.2	32	24	
HC32-25	64	60.6	56.9	35.2	32	25	
HC32-26	64	60.6	57.5	35.2	32	26	

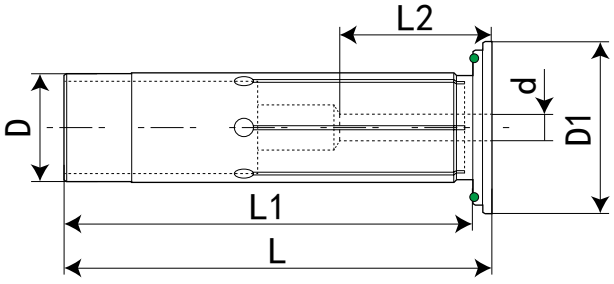
液压筒夹（止水型） HYDRAULIC COLLET（SEALED）





规格 Model	L	L1	L2	D1	D	d	重量 KG
HDC8-02	37.5	35.5	14.5	12.5	8	2	
HDC8-03	37.5	35.5	16.5	12.5	8	3	
HDC8-1/8	37.5	35.5	16.5	12.5	8	3.175	
HDC8-04	37.5	35.5	16.5	12.5	8	4	
HDC8-05	37.5	35.5	16.5	12.5	8	5	
HDC8-06	37.5	35.5	24	12.5	8	6	

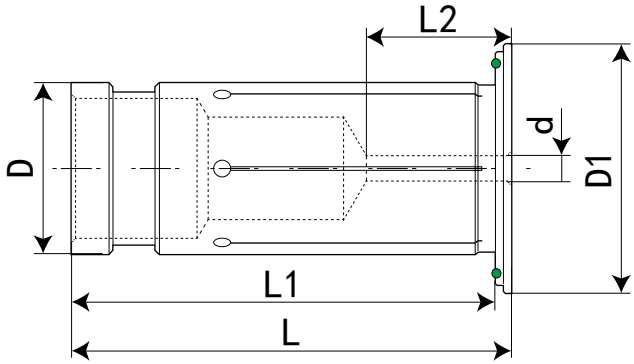




规格 Model	L	L1	L2	D1	D	d	重量 KG
HDC12-02	47.5	45.5	14.5	19	12	2	
HDC12-03	47.5	45.5	16.5	19	12	3	
HDC12-1/8	47.5	45.5	16.5	19	12	3.175	
HDC12-04	47.5	45.5	16.5	19	12	4	
HDC12-05	47.5	45.5	16.5	19	12	5	
HDC12-06	47.5	45.5	24	19	12	6	
HDC12-07	47.5	45.5	24	19	12	7	
HDC12-08	47.5	45.5	25.5	19	12	8	
HDC12-09	47.5	45.5	32.5	19	12	9	
HDC12-10	47.5	45.5	32.5	19	12	10	

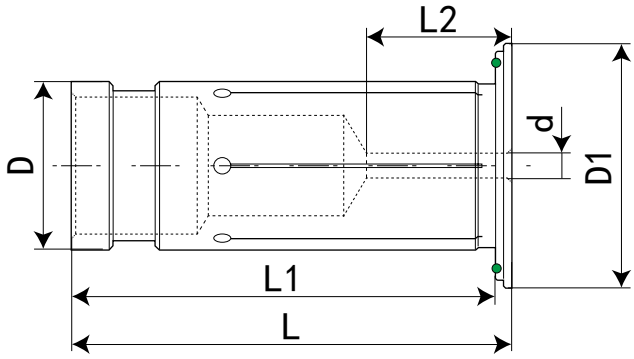
液压筒夹（止水型） HYDRAULIC COLLET（SEALED）





规格 Model	L	L1	L2	D1	D	d	重量 KG
HDC16-02	49.5	47.5	14.5	23	16	2	
HDC16-03	49.5	47.5	16.5	23	16	3	
HDC16-1/8	49.5	47.5	16.5	23	16	3.175	
HDC16-04	49.5	47.5	16.5	23	16	4	
HDC16-05	49.5	47.5	16.5	23	16	5	
HDC16-06	49.5	47.5	24	23	16	6	
HDC16-07	49.5	47.5	24	23	16	7	
HDC16-08	49.5	47.5	25.5	23	16	8	
HDC16-09	49.5	47.5	32.5	23	16	9	
HDC16-10	49.5	47.5	32.5	23	16	10	
HDC16-11	49.5	47.5	36	23	16	11	
HDC16-12	49.5	47.5	36	23	16	12	

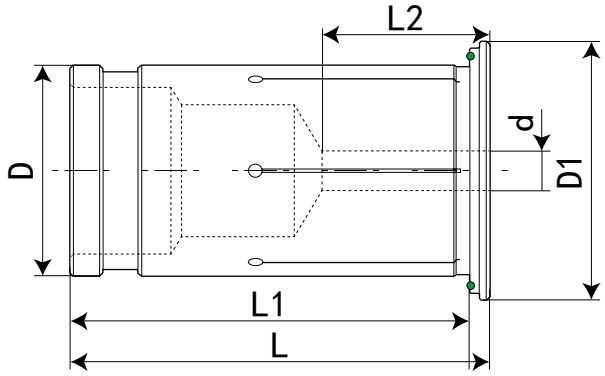




规格 Model	L	L1	L2	D1	D	d	重量 KG
HDC20-02	52.5	50.5	14.5	29	20	2	
HDC20-03	52.5	50.5	17.5	29	20	3	
HDC20-1/8	52.5	50.5	17.5	29	20	3.175	
HDC20-04	52.5	50.5	17.5	29	20	4	
HDC20-05	52.5	50.5	17.5	29	20	5	
HDC20-06	52.5	50.5	25.5	29	20	6	
HDC20-07	52.5	50.5	28	29	20	7	
HDC20-08	52.5	50.5	28	29	20	8	
HDC20-09	52.5	50.5	32.5	29	20	9	
HDC20-10	52.5	50.5	32.5	29	20	10	
HDC20-11	52.5	50.5	36	29	20	11	
HDC20-12	52.5	50.5	36	29	20	12	
HDC20-13	52.5	50.5	36.5	29	20	13	
HDC20-14	52.5	50.5	37	29	20	14	
HDC20-15	52.5	50.5	37	29	20	15	
HDC20-16	52.5	50.5	37.5	29	20	16	

液压筒夹（止水型） HYDRAULIC COLLET（SEALED）

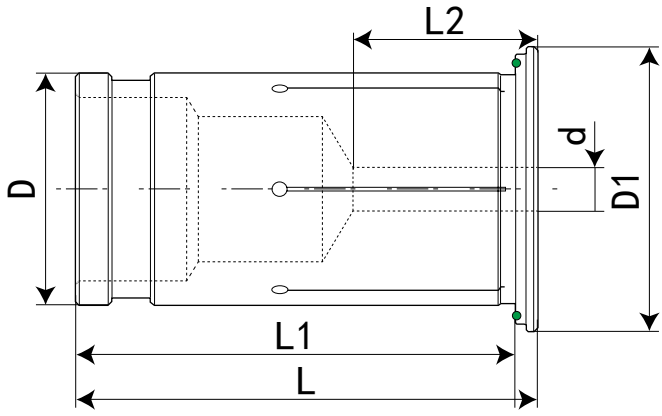




规格 Model	L	L1	L2	D1	D	d	重量 KG
HDC25-02	58.5	55.5	14.5	32	25	2	
HDC25-03	58.5	55.5	17.5	32	25	3	
HDC25-1/8	58.5	55.5	17.5	32	25	3.175	
HDC25-04	58.5	55.5	17.5	32	25	4	
HDC25-05	58.5	55.5	17.5	32	25	5	
HDC25-06	58.5	55.5	25.5	32	25	6	
HDC25-07	58.5	55.5	26.5	32	25	7	
HDC25-08	58.5	55.5	27.5	32	25	8	
HDC25-09	58.5	55.5	28.5	32	25	9	
HDC25-10	58.5	55.5	30.5	32	25	10	
HDC25-11	58.5	55.5	30.5	32	25	11	
HDC25-12	58.5	55.5	30.5	32	25	12	
HDC25-13	58.5	55.5	31.5	32	25	13	
HDC25-14	58.5	55.5	32.5	32	25	14	
HDC25-15	58.5	55.5	36.5	32	25	15	
HDC25-16	58.5	55.5	40.5	32	25	16	
HDC25-17	58.5	55.5	40.5	32	25	17	
HDC25-18	58.5	55.5	40.5	32	25	18	
HDC25-19	58.5	55.5	40.5	32	25	19	
HDC25-20	58.5	55.5	40.5	32	25	20	

液压筒夹（止水型） HYDRAULIC COLLET（SEALED）





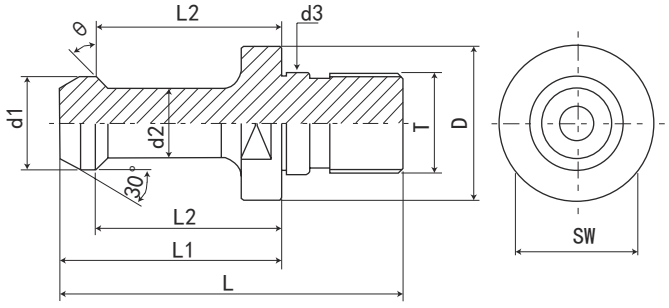
规格 Model	L	L1	L2	D1	D	d	重量 KG
HDC32-04	63.5	60.5	17.5	39	32	4	
HDC32-05	63.5	60.5	17.5	39	32	5	
HDC32-06	63.5	60.5	25.5	39	32	6	
HDC32-07	63.5	60.5	26.5	39	32	7	
HDC32-08	63.5	60.5	27.5	39	32	8	
HDC32-09	63.5	60.5	28.5	39	32	9	
HDC32-10	63.5	60.5	30.5	39	32	10	
HDC32-11	63.5	60.5	30.5	39	32	11	
HDC32-12	63.5	60.5	30.5	39	32	12	
HDC32-13	63.5	60.5	31.5	39	32	13	
HDC32-14	63.5	60.5	32.5	39	32	14	
HDC32-15	63.5	60.5	36.5	39	32	15	
HDC32-16	63.5	60.5	40.5	39	32	16	
HDC32-17	63.5	60.5	40.5	39	32	17	
HDC32-18	63.5	60.5	40.5	39	32	18	
HDC32-19	63.5	60.5	40.5	39	32	19	
HDC32-20	63.5	60.5	40.5	39	32	20	
HDC32-22	63.5	60.5	44.5	39	32	22	
HDC32-24	63.5	60.5	44.5	39	32	24	
HDC32-25	63.5	60.5	48.5	39	32	25	
HDC32-26	63.5	60.5	48.5	39	32	26	

日本标准拉钉 MAS 403-1975 JAPANESE STANDARD PULL STUD MAS 403-1975


全白


白牙


黑牙



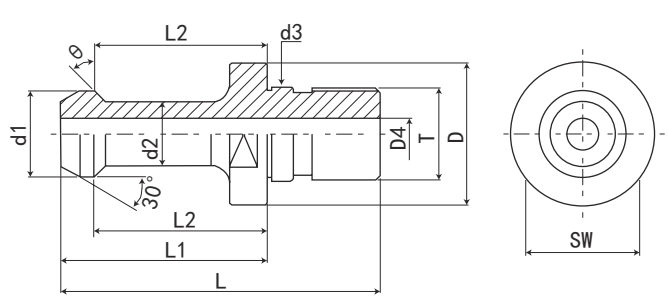
标准型 Standard type

规格 / 型号 Model	D	d1	d2	d3	L	L1	L2	T	重量 KGS
BT30-45°	16.5	11	7	12.5	43	23	18	M12	0.04
BT40-45°	23	15	10	17	60	35	28	M16	0.1
BT50-45°	38	23	17	25	85	45	35	M24	0.3
BT60-45°	56	32	24	31	115	65	53	M30	0.4
BT30-60°	16.5	11	7	12.5	43	23	18	M12	0.04
BT40-60°	23	15	10	17	60	35	28	M16	0.1
BT50-60°	38	23	17	25	85	45	35	M24	0.3
BT60-60°	56	32	24	31	115	65	53	M30	0.4
BT30-90°	16.5	11	7	12.5	43	23	18	M12	0.04
BT40-90°	23	15	10	17	60	35	28	M16	0.1
BT50-90°	38	23	17	25	85	45	35	M24	0.3
BT60-90°	56	32	24	31	115	65	53	M30	0.4


全白


白牙


黑牙



中心出水 Coolant

规格 / 型号 Model	D	D4	d1	d2	d3	L	L1	L2	T	重量 KGS
BT30-45° W	16.5	3	11	7	12.5	43	23	18	M12	0.04
BT40-45° W	23	4	15	10	17	60	35	28	M16	0.1
BT50-45° W	38	6	23	17	25	85	45	35	M24	0.3
BT60-45° W	56	14	32	24	31	115	65	53	M30	0.4
BT30-60° W	16.5	3	11	7	12.5	43	23	18	M12	0.04
BT40-60° W	23	4	15	10	17	60	35	28	M16	0.1
BT50-60° W	38	6	23	17	25	85	45	35	M24	0.3
BT60-30° W	56	14	32	24	31	115	65	53	M30	0.4
BT30-90° W	16.5	3	11	7	12.5	43	23	18	M12	0.04
BT40-90° W	23	4	15	10	17	60	35	28	M16	0.1
BT50-90° W	38	6	23	17	25	85	45	35	M24	0.3
BT60-90° W	56	14	32	24	31	115	65	53	M30	0.4

特点：

普通级拉钉
◎材质：40Cr
◎头部硬度：46-50HRC
◎螺纹及其它部位硬度较低：35±5HRC，（保护柄螺纹，核心硬度可以抵御冲击）
◎精度：0.02
高精度加硬拉钉
◎材质：20CrMnTi
◎头部硬度：55-58HRC
◎螺纹及其它部位硬度较低：35±5HRC，（保护柄螺纹，核心硬度可以抵御冲击）
◎精度：0.01
◎订购时请告知所须精度等级

Features:

General level Pull stud
◎ Material:40Cr.
◎ Head hardness:46-50HRC.
◎ Thread hardness is a little low;35±5HRC，(Protect shank thread,core hardness can resist hit).
◎ Accuracy:0.02
High-precision Hard Pull stud
◎ Material:20CrMnTi.
◎ Head hardness:55-58HRC.
◎ Thread hardness is a little low;35±5HRC，(Protect shank thread,core hardness can resist hit).
◎ Accuracy:0.01
◎ Please inform the required precision when ordering.

德国标准拉钉 DIN 69872 GERMAN STANDARD PULL STUD DIN 69872



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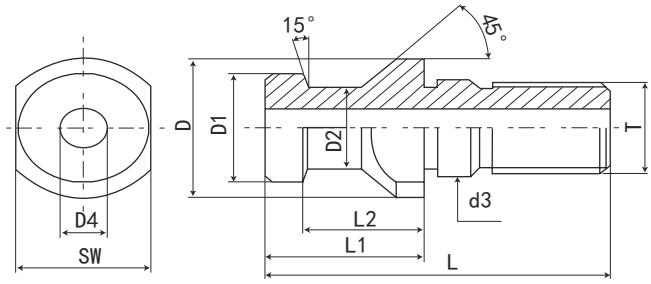


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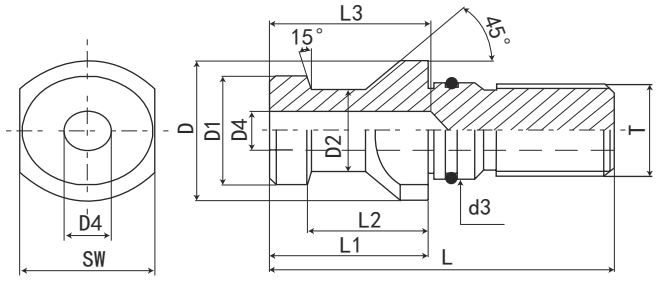


黑牙

A: 中心出水 Coolant



B: 标准型 Standard type



SK 标准与 JT 标准与 DAT 标准同属于 DIN 69872　　SK=JT=DAT=DIN 69872

规格 / 型号 Model	D	D1	D2	d3	D4	L	L1	L2	L3	L4	SW
SK30A	17	13	9	13	-	44	24	19	-	-	14
SK40A	23	19	14	17	7	54	26	20	-	-	19
SK50A	36	28	21	25	11.5	74	34	25	-	-	30
SK60A	52	40	30	32	14	90	40	30	60	-	46
SK30B	17	13	9	13	-	44	24	19	-	2.3	14
SK40B	23	19	14	17	7	54	26	20	27	3	19
SK50B	36	28	21	25	11.5	74	34	25	37	4.5	30
SK60B	52	40	30	32	14	90	40	30	60	-	46

特点:

普通级拉钉
◎材质：40Cr
◎头部硬度：46-50HRC
◎螺纹及其它部位硬度较低：35±5HRC，（保护柄螺纹，核心硬度可以抵御冲击）
◎精度：0.02
高精度加硬拉钉
◎材质：20CrMnTi
◎头部硬度：55-58HRC
◎螺纹及其它部位硬度较低：35±5HRC，（保护柄螺纹，核心硬度可以抵御冲击）
◎精度：0.01
◎订购时请告知所须精度等级

Features:

General level Pull stud
◎ Material:40Cr.
◎ Head hardness:46-50HRC.
◎ Thread hardness is a little low;35±5HRC，(Protect shank thread,core hardness can resist hit).
◎ Accuracy:0.02
High-precision Hard Pull stud
◎ Material:20CrMnTi.
◎ Head hardness:55-58HRC.
◎ Thread hardness is a little low;35±5HRC，(Protect shank thread,core hardness can resist hit).
◎ Accuracy:0.01
◎ Please inform the required precision when ordering.

刀柄配件系列 HOLDER ACCESSORIES

马扎克、三井系列拉钉 MAZAK MITSUI

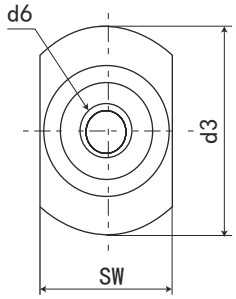
Mazak Mitsui serial pull studs MAZAK MITSUI

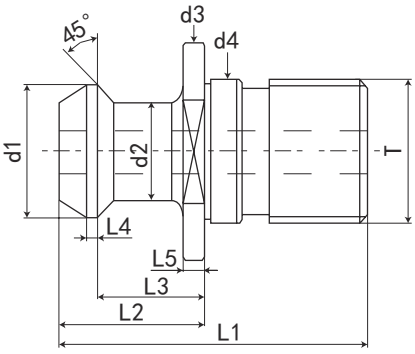


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黑牙





规格 / 型号 Model	d1	d2	d3	d4	T	d6	L1	L2	L3	L4	L5	SW	重量 KGS
MAZAK-BT40	18.8	12.45	22	17	M16	7	44.1	19.1	14.02	2	3	19	0.05
MAZAK-BT50	29	20.83	37	25	M24	10	65.2	25.2	17.7	2.5	5	30	0.18
MAZAK-CAT40	18.8	12.45	22	17	M16	7	41.1	16.1	11	2	3	19	0.05
MITSUI-BT40	15	10	23	17	M16	-	51	25	18	3	6	19	0.06
MITSUI-BT50	24	18	36	25	M24	-	57	31	23	5	10	30	0.19

美国标准拉钉 ANSI/AMSE B5.50-1994

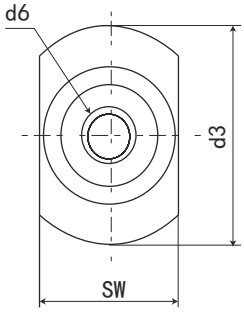
AMERICAN STANDARD PULL STUD ANSI/AMSE B5.50-1994

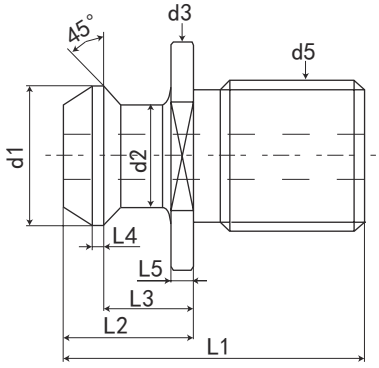


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黑牙





规格 / 型号 Model	d1	d2	d3	d5	d6	L1	L2	L3	SW	重量 KGS
CAT40-A45° U	18.8	12.4	23.8	5/8"-11UNC	-	38.1	16.2	11.2	19.05	0.04
CAT40-A45° U/T	18.8	12.4	23.8	5/8"-11UNC	7.1	38.1	16.2	11.2	19.05	0.03
对应英制尺寸 inch	0.74	0.49	0.94		0.281	1.5	0.64	0.44	0.75	
CAT50-A45° U	28.9	20.8	36.5	1"-8UNC	-	58.4	25.4	17.7	31.75	0.17
CAT50-A45° U/T	28.9	20.8	36.5	1"-8UNC	11.9	58.4	25.4	17.7	31.75	0.16
对应英制尺寸 inch	1.14	0.82	1.44		0.468	2.3	1	0.7	1.25	
CAT40-A45°	18.8	12.4	23.8	M16*2.0P	-	38.1	16.2	11.2	19.05	0.04
CAT40-A45° /T	18.8	12.4	23.8	M16*2.0P	7.1	38.1	16.2	11.2	19.05	0.03
对应英制尺寸 inch	0.74	0.49	0.94		0.281	1.5	0.64	0.44	0.75	
CAT50-A45°	28.9	20.8	36.5	M24*3.0P	-	58.4	25.4	17.7	31.75	0.17
CAT50-A45° /T	28.9	20.8	36.5	M24*3.0P	11.9	58.4	25.4	17.7	31.75	0.16
对应英制尺寸 inch	1.14	0.82	1.44		0.468	2.3	1	0.7	1.25	

特点：

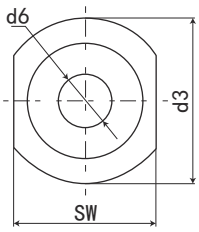
普通级拉钉
◎材质：40Cr
◎头部硬度：46-50HRC
◎螺纹及其它部位硬度较低：35±5HRC，（保护柄螺纹，核心硬度可以抵御冲击）
◎精度：0.02
高精度加硬拉钉
◎材质：20CrMnTi
◎头部硬度：55-58HRC
◎螺纹及其它部位硬度较低：35±5HRC，（保护柄螺纹，核心硬度可以抵御冲击）
◎精度：0.01
◎订购时请告知所须精度等级

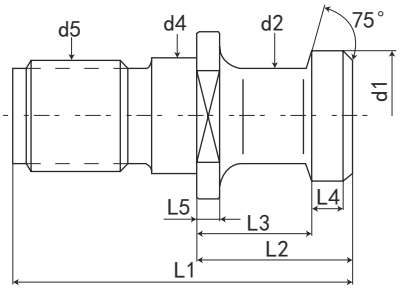
Features:

General level Pull stud
◎ Material:40Cr.
◎ Head hardness:46-50HRC.
◎ Thread hardness is a little low;35±5HRC，(Protect shank thread,core hardness can resist hit).
◎ Accuracy:0.02
High-precision Hard Pull stud
◎ Material:20CrMnTi.
◎ Head hardness:55-58HRC.
◎ Thread hardness is a little low;35±5HRC，(Protect shank thread,core hardness can resist hit).
◎ Accuracy:0.01
◎ Please inform the required precision when ordering.

国际标准拉钉 A 型 ISO 7388/2-1984 INTERNATIONAL STANDARD PULL STUD A TYPE ISO 7388/2-1984







规格 / 型号 Model	d1	d2	d3	d4	d5	d6	L1	L2	L3	L4	L5	SW	重量 KGS
LDA30	12	8	18	13	M12	-	44	24	19	3	4	13	0.04
LDA40	19	14	23	17	M16	-	54	26	20	4	4	19	0.08
LDA40/T	19	14	23	17	M16	7.5	54	26	20	4	4	19	0.06
LDA50	28	21	36	25	M24	-	74	34	25	7	5	30	0.23
LDA50/T	28	21	36	25	M24	11.5	74	34	25	7	5	30	0.2
LDA60	40	30	52	32	M30	-	90	40	30	8	6	46	0.53
LDA60/T	40	30	52	32	M30	14	90	40	30	8	6	46	0.51

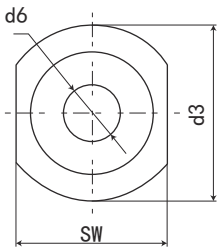
国际标准拉钉 B 型 ISO 7388/2-1984 INTERNATIONAL STANDARD PULL STUD B TYPE ISO 7388/2-1984

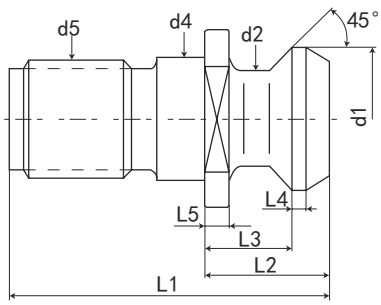


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黑牙





规格 / 型号 Model	d1	d2	d3	d4	d5	d6	L1	L2	L3	L4	L5	SW	重量 KGS
LDB30	13.3	9.3	18	13	M12	-	27	11.8	8.15	1.25	2.75	13	0.04
LDB40	18.95	12.95	23	17	M16	-	44.5	16.4	11.15	1.75	3.25	19	0.07
LDB40/T	18.95	12.95	23	17	M16	7.5	44.5	16.4	11.15	1.75	3.25	19	0.053
LDB50	29.1	19.6	36	25	M24	-	65.5	25.55	17.95	2.75	5.25	30	0.24
LDB50/T	29.1	19.6	36	25	M24	11.5	65.5	25.55	17.95	2.75	5.25	30	0.18
LDB60	37.25	25	50	32	M30	-	95	38.15	27.65	3.75	7.75	38	0.55
LDB60/T	37.25	25	50	32	M30	14	95	38.15	27.65	3.75	7.75	38	0.44

特点：

普通级拉钉
◎材质：40Cr
◎头部硬度：46-50HRC
◎螺纹及其它部位硬度较低：35±5HRC，（保护柄螺纹，核心硬度可以抵御冲击）
◎精度：0.02
高精度加硬拉钉
◎材质：20CrMnTi
◎头部硬度：55-58HRC
◎螺纹及其它部位硬度较低：35±5HRC，（保护柄螺纹，核心硬度可以抵御冲击）
◎精度：0.01
◎订购时请告知所须精度等级

Features:

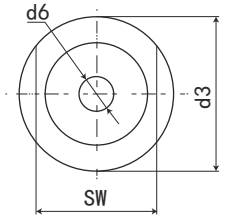
General level Pull stud
◎ Material:40Cr.
◎ Head hardness:46-50HRC.
◎ Thread hardness is a little low;35±5HRC，(Protect shank thread,core hardness can resist hit).
◎ Accuracy:0.02
High-precision Hard Pull stud
◎ Material:20CrMnTi.
◎ Head hardness:55-58HRC.
◎ Thread hardness is a little low;35±5HRC，(Protect shank thread,core hardness can resist hit).
◎ Accuracy:0.01
◎ Please inform the required precision when ordering.

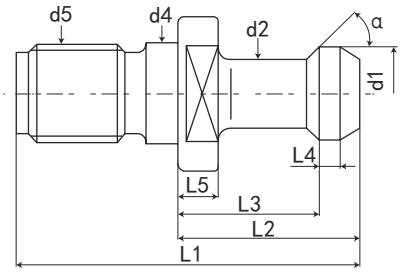
混合标准拉钉 CAT-BT BLENDED STANDARD PULL STUD CAT-BT


全白


白牙


黑牙





CT 美制螺纹拉钉 CT AMERICAN STANDARD SCREW THREAD PULLSTUD

规格 / 型号 Model	d1	d2	d3	d5	d6	L1	L2	L3	SW	α	重量 KGS
CAT40-45° U	15	10	23	5/8"-11UNC	-	57	32	25	19	45°	0.07
CAT40-45° U/T					4					45°	0.06
CAT40-60° U					-					60°	0.07
CAT40-60° U/T					4					60°	0.06
CAT40-90° U					-					90°	0.07
CAT40-90° U/T					4					90°	0.06
对应英制尺寸 inch	0.59	0.394	0.905		0.157	2.25	1.266	0.99	0.748		
CAT50-45° U	23	17	38	1"-8UNC	-	78.6	45	35	30	45°	0.26
CAT50-45° U/T					8.5					45°	0.22
CAT50-60° U					-					60°	0.26
CAT50-60° U/T					8.5					60°	0.22
CAT50-90° U					-					90°	0.26
CAT50-90° U/T					8.5					90°	0.22
对应英制尺寸 inch	0.906	0.669	1.496		0.334	3.094	1.771	1.378	1.181		

CAT BT 公制螺纹拉钉 CAT-BT METRIC THREAD PULL STUD

规格 / 型号 Model	d1	d2	d3	d4	d5	d6	L1	L2	L3	SW	α	重量 KGS
CAT40*45°	15	10	23	17	M16	-	57	32	25	19	45°	0.07
CAT40*45° /T						4					45°	0.06
CAT40*60°						-					60°	0.07
CAT40*60° /T						4					60°	0.06
CAT40*90°						-					90°	0.07
CAT40*90° /T						4					90°	0.06
对应英制尺寸 inch	0.59	0.394	0.905	0.512		0.157	2.25	1.266	0.99	0.748		

特点：

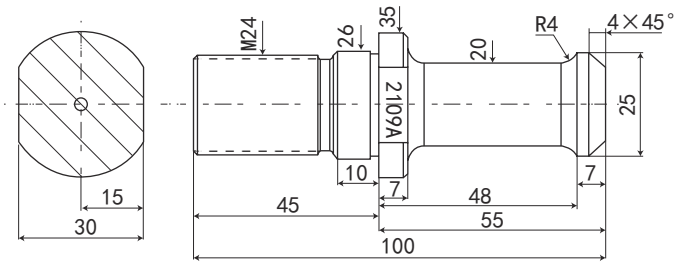
普通级拉钉
◎材质：40Cr
◎头部硬度：46-50HRC
◎螺纹及其它部位硬度较低：35±5HRC，（保护柄螺纹，核心硬度可以抵御冲击）
◎精度：0.02
高精度加硬拉钉
◎材质：20CrMnTi
◎头部硬度：55-58HRC
◎螺纹及其它部位硬度较低：35±5HRC，（保护柄螺纹，核心硬度可以抵御冲击）
◎精度：0.01
◎订购时请告知所须精度等级

Features:

General level Pull stud
◎ Material:40Cr.
◎ Head hardness:46-50HRC.
◎ Thread hardness is a little low;35±5HRC，(Protect shank thread,core hardness can resist hit).
◎ Accuracy:0.02
High-precision Hard Pull stud
◎ Material:20CrMnTi.
◎ Head hardness:55-58HRC.
◎ Thread hardness is a little low;35±5HRC，(Protect shank thread,core hardness can resist hit).
◎ Accuracy:0.01
◎ Please inform the required precision when ordering.

昆机镗床专用拉钉 ST50 KUNMING MACHINE BORING MACHINE SPECIAL-PURPOSE PULL STUD ST50





图示 Icon



特点：

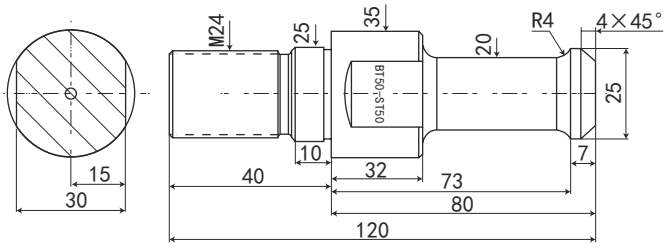
昆机拉钉图号：TX11C-3002-034 T6113A-21092A
适配：主轴锥孔 ISO50; 刀柄 GB3837 标准
(中国标准 ST50/XT50; 德国标准 NT50)
昆机采用本图拉钉的机床：TX6111D TX6111C/2 TX6111C/3 TX6113A/2

Features:

Kunming Machine Pull Stud Model:TX11C-3002-034 T6113A-21092A
Adaptor standard: spindle taper hole-ISO50; skank-GB3837 (Chinese standard-ST50/XT50; German standard-NT50)
Suitable for TX6111D TX6111C/2 TX6111C/3 TX6113A/2

昆机镗床专用拉钉 BT50-ST50 KUNMING MACHINE BORING MACHINE SPECIAL-PURPOSE PULL STUD BT50-ST50





图示 Icon



特点：

此款拉钉适用于日本标准 BT50; 中国标准 JT50; 德国标准 DIN69872-50 的刀柄，在以下型号的昆机镗床上使用
昆机采用本图拉钉的机床：TX6111D TX6111C/2 TX6111C/3 TX6113A/2

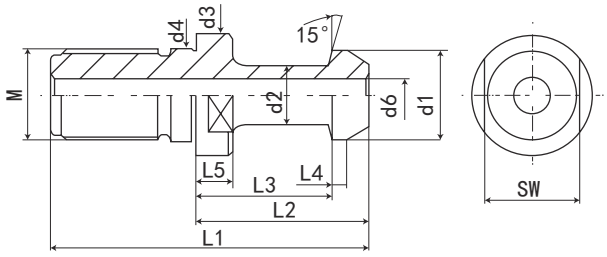
Features:

This pull stud is suitable for the shank of Japanese standard BT50; Chineses standard JT50; German standard DIN69872-50. Suitable for the boring machine of TX6111D TX6111C/2 TX6111C/3 TX6113A/2

刀柄配件系列 HOLDER ACCESSORIES

日本 JIS B6339 拉钉 JAPAN JIS B6339 PULL STUD

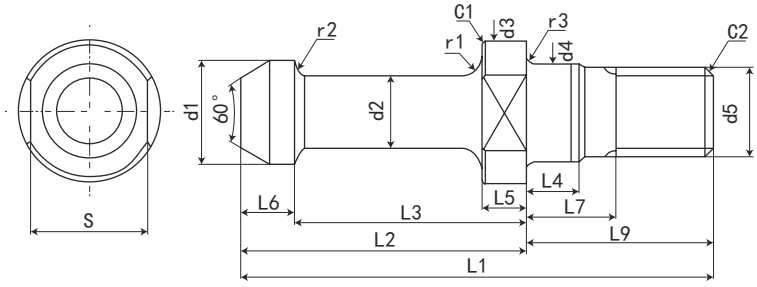




规格 / 型号 Model	d1	d2	d3	d4	M	d6	L1	L2	L3	L4	L5	SW	重量 KGS
30P	12	8	16.5	12.5C	M12*1.75P	-	43	23.4	18.4	3	5	13	0.03
40P	19	14	23	17	M16*2.0P	7	54	29	23	3	7	19	0.08
50P	28	21	38	25	M24*3.0P	10	74	34	25	5	7	30	0.24

SR 拉钉 SR PULL STUD





规格 / 型号 Model	L1	d4 h7	d5 6g	C2	r3 (最大)	L4	L7	d3 0 -0.1	r1	L5 0 -0.1	s 0 -0.2	C1
S5R	23.5	5.5	M5	0.5	0.4	3	5	8	1	2.5	7	0.2
S10R	26.5	6.5	M6	0.5	0.4	3	5	10	1.5	3	8	0.3
S15R	32	8.5	M8	1	0.5	4	6	12	1.5	3.5	10	0.4
S20R	34.5	8.5	M8	1	0.5	4	6	14	1.8	4	10	0.5
S25R	40	10.5	M10	1	0.5	4	7	15.5	2	4.5	13	0.5

规格 / 型号 Model	d1 0 -0.1	d2 0 -0.1	L2 0 -0.1	L3 0 -0.1	L6	r2	Φ 1 形	Φ 2 形	L3-L5	L9	CHUCK
S5R	5.8	4	13.5	10.5	1.4	0.3	+0.5° 0 15°	+0.5° 0 0°	8	10	S5T
S10R	7	5	15.5	12	1.6	0.3			9	11	S10T
S15R	8.3	6	18	14	1.9	0.4			10.5	14	S15T
S20R	9.5	7	20.5	16	2.1	0.4			12	14	S20T
S25R	10.8	8	23	18	2.3	0.5			13.5	17	S25T

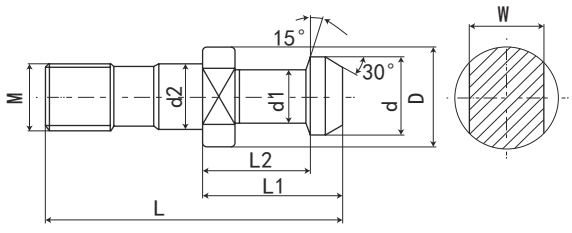
ISO 雕刻机用拉钉 PULL STUD OF CARVING MACHINE



全白



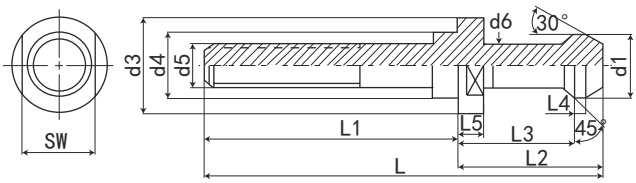
全黑



规格 / 型号 Model	D	d	d1	d2	L	L1	L2	W	M
ISO20	11.4	9	6	8.5	26	12	9	10	M8*1.25P
ISO25	12	10	7	9	32	16	11.6	10	M8*1.25P
ISO30	17	13	9	13	45	24	19	14	M12*1.75P

无扁尾莫氏圆锥孔刀柄加长拉钉 ADAPTOR SLEEVES FOR MORSE TAPER WITHOUT TANG

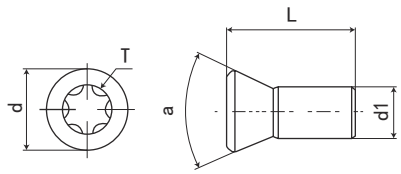


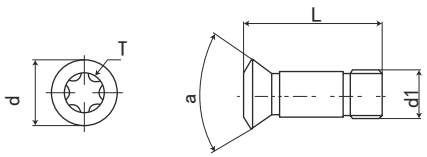


规格 / 型号 Model	d1	d2	d3	d4	d5	d6	L	L1	L2	L3	L4	L5	SW	重量 KGS
BT30-45° -M10	11	7	16.5	12.5	M10	7	90	67	23	18	2	5	13	0.06
BT30-45° -M12	11	7	16.5	12.5	M12	7	90	67	23	18	2	5	13	0.06
BT40-45° -M10	15	10	23	17	M10	10	115	80	35	28	2.7	6	19	0.1
BT40-45° -M12	15	10	23	17	M12	10	115	80	35	28	2.7	6	19	0.1
BT40-45° -M14	15	10	23	17	M14	10	115	80	35	28	2.7	6	19	0.15
BT40-45° -M16	15	10	23	17	M16	10	115	80	35	28	2.7	6	19	0.15
BT50-45° -M10	23	17	38	25	M10	17	170	125	45	35	5	10	30	0.3
BT50-45° -M12	23	17	38	25	M12	17	170	125	45	35	5	10	30	0.35
BT50-45° -M14	23	17	38	25	M14	17	170	125	45	35	5	10	30	0.35
BT50-45° -M16	23	17	38	25	M16	17	170	125	45	35	5	10	30	0.35
BT50-45° -M20	23	17	38	25	M20	17	170	125	45	35	5	10	30	0.4
BT60-45° -M24	32	24	56	31	M24	24	238	172	65	53	6	14	41	1

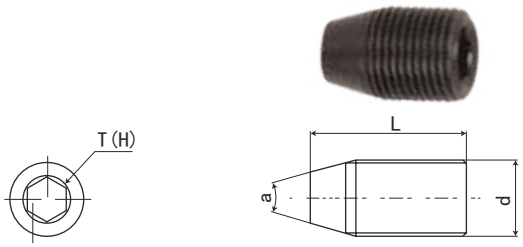
螺 丝 SCREW







规格 / 型号 Model	尺寸 (mm)				
	d	d1	L	a	T(H)
M2*4	2.7	2	3.7	55°	6
M2*5	2.7	2	5	55°	6
M2.2*5	3	2.2	4.8	55°	8
M2.5*5	3.5	2.5	5.5	55°	8
M2.5*6	3.5	2.5	6	55°	8
M3*6	4	3	6.5	55°	10
M3*7	4	3	7	55°	10
M3.5*8	5.2	3.5	8.5	55°	15
M4*8	5.5	4	8.5	55°	15
M4*9	5.5	4	9	55°	15
M4*10	6	4	10	55°	15
M4*11	5.5	4	11	55°	15
M5*11	7.2	5	11	55°	15
M5*12	7.2	5	12	55°	20
M3*7B	4.5	3	7	60°	8
M3*10B	4.5	3	10	60°	8
M3.5*8B	5.2	3.5	8	60°	15
M4*8B	5.7	4	8.2	60°	15
M4*10B	5.7	4	10	60°	15
M5*12B	7.2	5	12	60°	20

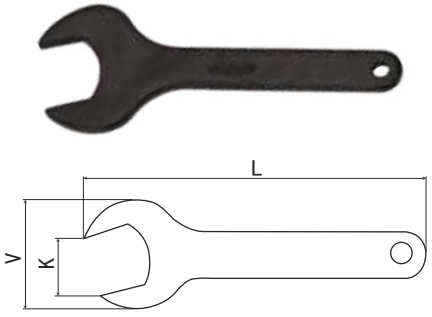


规格 / 型号 Model	尺寸 (mm)			
	d1	L	a	T(H)
AHV0507-2.5	5	7	60°	2.5
AHV0608-3	6	8	60°	3
AHV0811-4	8	11	60°	4
AHV1014-5	10	14	60°	5
AHV1218-6	12	18	60°	6

刀柄配件系列 HOLDER ACCESSORIES

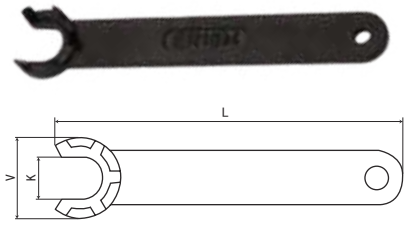
扳 手 SPANNER

ER-A 型扳手 ER-A SPANNER



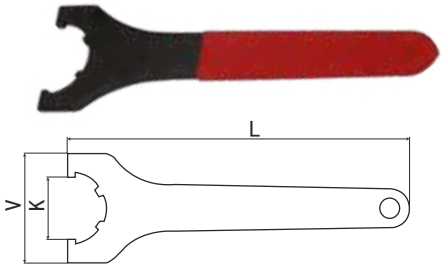
规格 / 型号 Model	螺帽外径 Nut diameter	L	V	K
ER11-A	19	110	40	17
ER16-A	28	120	53	25
ER20-A	34	130	60	30

ER-M 型扳手 ER-M SPANNER



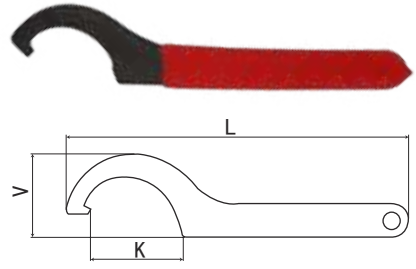
规格 / 型号 Model	螺帽外径 Nut diameter	L	V	K
ER8-M	12	70	12	7.5
ER11-M	16	90	17	11
ER16-M	22	110	23	15
ER20-M	28	120	29	19.5
ER25-M	35	130	36	25

ER-UM 型扳手 ER-UM SPANNER



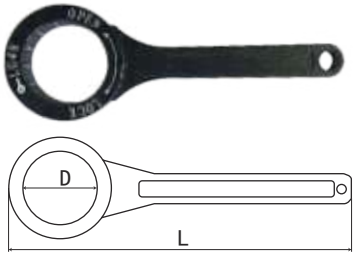
规格 / 型号 Model	螺帽外径 Nut diameter	L	V	K
ER16-UM	32	180	40	26
ER20-UM	35	190	55	30
ER25-UM	42	210	60	35
ER32-UM	50	250	72	45
ER40-UM	63	290	86	58
ER50-UM	78	350	105	73

勾头扳手 HOOK HEAD SPANNER

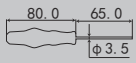
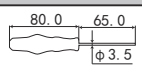
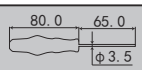
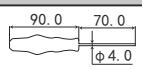
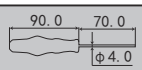
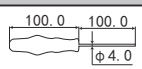
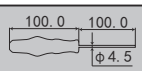


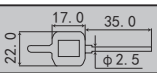
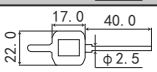
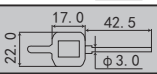
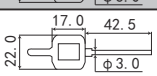
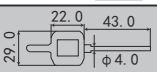
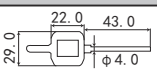
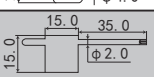
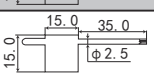
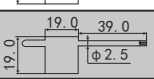
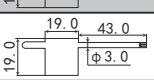
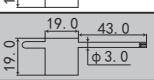
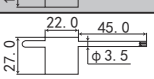
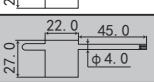
规格 / 型号 Model	适用刀柄及螺帽 Apple holder and nut	L
18-21	EOC6	90
22-26	EOC8	125
28-32	EOC10	140
34-36	EOC12	154
38-42	EOC16 7316A APU08	168
45-52	EOC20 ER25-UM 7316B APU13	190
55-62	EOC25 ER32-UM APU13 APU16 C20 C22 C25	210
68-72	EOC32 ER40-UM	230
78-85	EOC40 C32 ER50-UM	240
100-110	EOC50 C42 JXT25-50	250

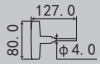
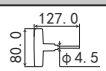
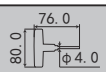
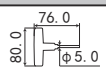
滚珠扳手 BALL SPANNER

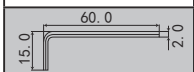
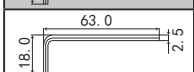
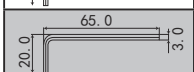
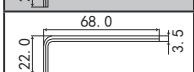
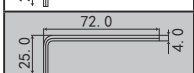
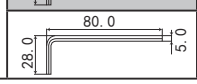


规格 / 型号 Model	规格 Specifications	D	L
WH-GSK06	GSK06	19.5	120
WH-GSK10	GSK10	30	152.5
WH-GSK16	GSK16	40	200
WH-GSK20	GSK20	48	200
WH-GSK25	GSK25	55	210
WH-GER16	GER16	30	150
WH-GER20	GER20	35	160
WH-GER25	GER25	40	181
WH-GER32	GER32	50	200

	形状 Shape	型号 Model	Torx(梅花) 尺寸
螺丝刀 Bolt driver		KDT-T06N	T6
		KDT-T07N	T7
		KDT-T08N	T8
		KDT-T09N	T9
		KDT-T10N	T10
		KDT-T15N	T15
		KDT-T20N	T20

	形状 Shape	型号 Model	Torx(梅花) 尺寸
旗形扳手		KWT-T07	T7
		KWT-T08	T8
		KWT-T09	T9
		KWT-T10	T10
		KWT-T15	T15
		KWT-T20	T20
		KFT-T06	T6
		KFT-T07	T7
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		KFT-T20	T20

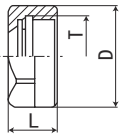
	形状 Shape	型号 Model	Torx(梅花) 尺寸
T 形扳手		KTTL-T15	T15
		KTTL-T20	T20
		KTTS-T20	T20
		KTTS-T25	T25

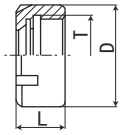
	形状 Shape	型号 Model	Torx(梅花) 尺寸
L 形扳手		KWH2.0L	H2
		KWH2.5L	H2.5
		KWH3.0L	H3
		KWH3.5L	H3.5
		KWH4.0L	H4
		KWH5.0L	H5

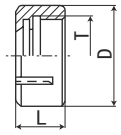


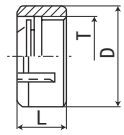
刀柄配件系列 HOLDER ACCESSORIES

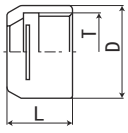
高精度 ER 螺帽 HIGH PRECISION ER NUT

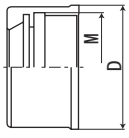



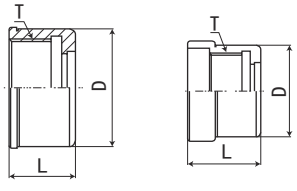








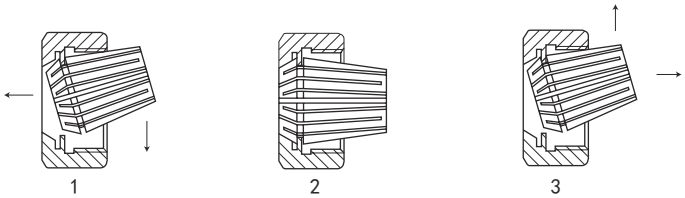




形式 Type	型号 Model No.	D	L	T
A	ER8A	13.5	11	M10*0.75P
	ER11A	19	11.3	M14*0.75P
	ER16A	28	17.5	M22*1.5P
	ER20A	34	19	M25*1.5P
M	ER8M	12	11	M10*0.75P
	ER11M	16	12	M13*0.75P
	ER16M	22	18	M19*1.0P
	ER20M	28	19	M24*1.0P
	ER25M	35	20	M30*1.0P
UM/RD	ER16UM	32	17	M22*1.5P
	ER20UM	35	19	M25*1.5P
	ER25UM	42	20	M32*1.5P
	ER32UM	50	22.5	M40*1.5P
	ER40UM	63	25.5	M50*1.5P
	ER50UM	78	35.5	M64*2.0P
KM/RD	ER25KM	42	20	M32*1.5P
	ER32KM	50	22.5	M40*1.5P
	ER40KM	63	25.5	M50*1.5P
	ER50KM	78	35.5	M64*2.0P
MS	ER11MS	16	11.3	M13*0.75P
	ER16MS	22	17	M19*1.0P
	ER20MS	28	19	M24*1.0P
	ER25MS	35	23	M30*1.0P
GER	GER16	30	23	M19*1.0P
	GER20	35	25	M24*1.0P
	GER25	40	26	M30*1.0P
	GER32	50	30	M40*1.5P

形式 Type	型号 Model No.	D	L		T
			Fig1	Fig2	
GSK	GSK6	19.5	15	21	M15.5*1
	GSK10	27.5	17	24	M21.5*1
	GSK16	40	24	31	M32*1.5
	GSK20	48	27	35	M40*1.5
	GSK25	50	30	37	M40*1.5

压帽与卡簧的安装
Mounting instructio for ER collets and nuts

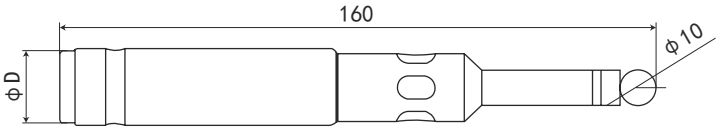


◎将夹头放入压帽内，轻轻转动卡簧，待压帽偏心部分凹入卡槽内，沿箭头方向均匀用力推动卡簧，即可装入压帽内
◎将卡簧和压帽一起安装在夹头体或机床主轴内，把刀具圆柱柄部控净后装入夹持孔内，使用扳手均匀用力坚固压帽直到刀具夹牢为止方可使用。（注意：切忌在未安装刀具状态下紧固压帽，以免损坏夹头）
◎换刀时，用扳手松开压帽带出夹头及刀具，卸下刀具，沿箭头方向用力推动卡簧，使其退出，然后根据需要换上其它孔径的卡簧即可

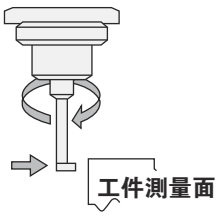
◎ Put the collet into the nut,tturn the collet slightly.Push it into the nut at the offered direction evenly when the offset flange sinks into the undercut of the collet
◎ Fix the nut and the collet on the spindle rotate the nut until the collet is in pressing,wipe the straight shank of cutter,and instert it into the pilot hole.Tighten the nut with a wrench till the cutter is clamped heavily (Caution:never tighten the nut without cutter in it for it will break)
◎ When changing the tool.Loosen the nut and it shall bring out the collet and the cutter together.And the draw the cutter out push out slightly the collet in the offered direction,it shall be ready for any change of the cutter.

光电式寻边器 HIGH SENSITIVE ELECTRONIC EDGE SENSOR

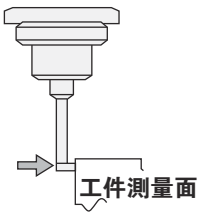




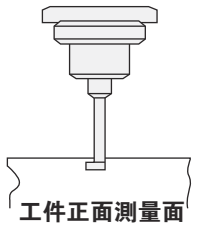
名称	型号	规格	D
光电式寻边器	ES-20	Φ20	20
	ES-32	Φ32	32



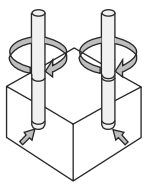
1、寻边器回转后，慢慢靠近工件测量面



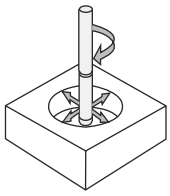
2、移动至接触到工件测量面，使测定端子振动停止，偏心减，并有徐徐的声音移动进来。



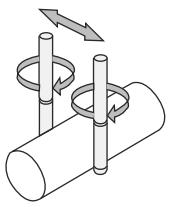
3、再细微的声音传出时，测定端子开始滑出中心时，此时坐标既为心轴的半径。



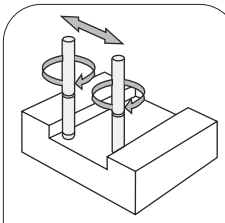
◎基准位置之测定



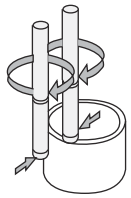
◎内径尺寸之测定及巡边



◎圆形工件物之测定



◎沟沟槽之测定



◎管状厚壁之测定

特点：

◎使用 2 攻 UM5#1.5V 电池
◎红灯亮时同时发出电子音，哔！哔！声响
◎对无法目视深孔探测，可由声音得知探测结果

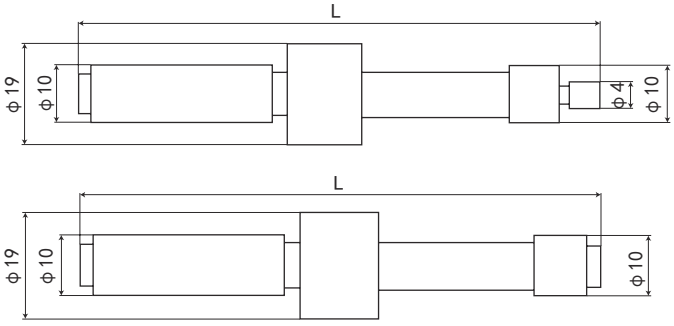
Features:

◎ 2 pieces battery(UM5#15V)
◎ The red light on with electronic sound
◎ According to the sound for deep hole testing



机械式寻边器 MACHINE EDGE FINDER





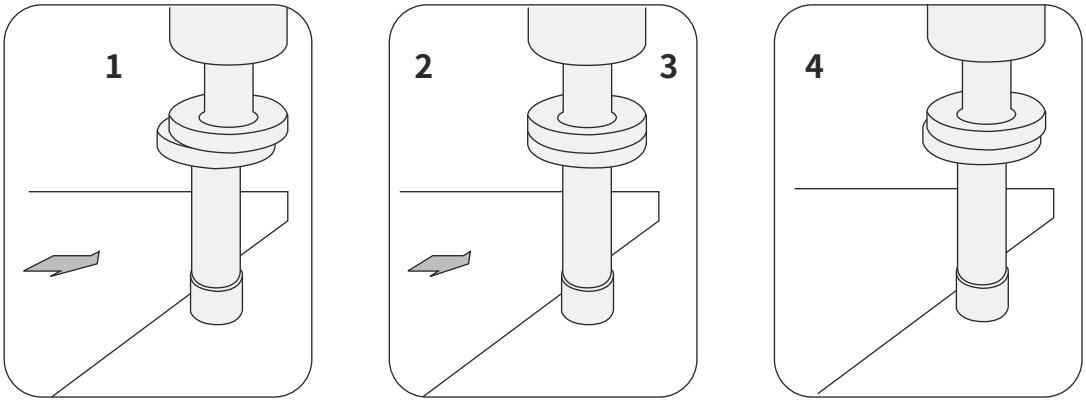
名称	型号	规格	D
偏心式寻边器	ME-1020	Φ10	82
	ES-420	Φ10+4	90

特点：

◎适用在铣床和 CNC 加工机，可测量设定工件的 X、Y 轴坐标
◎设计 4mm 的测头，供小孔径及偏窄沟槽使用
◎配合转速 400-600RPM 使用

Features:

◎ Suitable for milling machines and CNC machining machines,can test the X、Y coordinater of work plece.
◎ 4mm gauge head for the use of small diameter and narrow groove.
◎ Forrev 400-600 RPM.



使用方法图示：

◎寻边器每分钟 500 转，并移动至工件测量面
◎寻边器移动至接触到工件测量面，使心轴偏心递减
◎当心轴结合在一起，并开始测出中心时，此时坐标既为心轴的半径
◎心轴已滑出中心点，此时心轴偏心递增

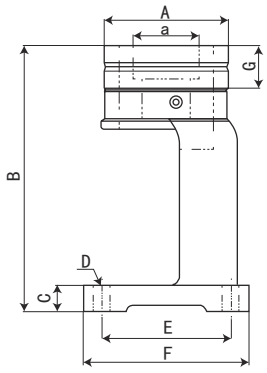
Usage method locn:

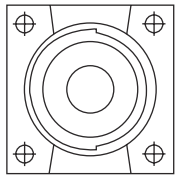
◎ 500 circles/minuts,move to the workplace surface.
◎When it moved to the workplace surface,declines mandrel departure.
◎ When mandrel get together,and begin to skid off the center,then the coordinate is the radius of mandrel.
◎ Mandrel departure increases when mandrel skids off the center.



HSK 锁刀座 HSK TOOL TIGHTENING FIXTURE



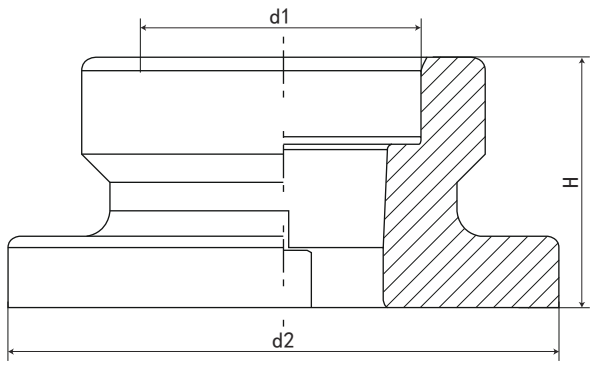




规格 / 型号 Model	a	A	B	C	D	E	F	G	重量
HSK-32	32.5	78	168	16.2	10.5	81	104	25	2.04
HSK-40	40.5	78	168	16.2	10.5	81	104	25	1.94
HSK-50	50.5	78	168	16.2	10.5	81	104	25	1.66
HSK-63	63.5	82.5	168	16.2	10.5	81	104	25	1.38
HSK-100	100.5	128.2	168	18.4	10.5	99.5	135.8	25	5.49
HG BT30	32	76	168	16.2	10.5	81	104	25	1.08
HG BT40	44	76	168	16.2	10.5	81	104	25	0.98

HSK 锁刀座 HSK TOOL TIGHTENING FIXTURE

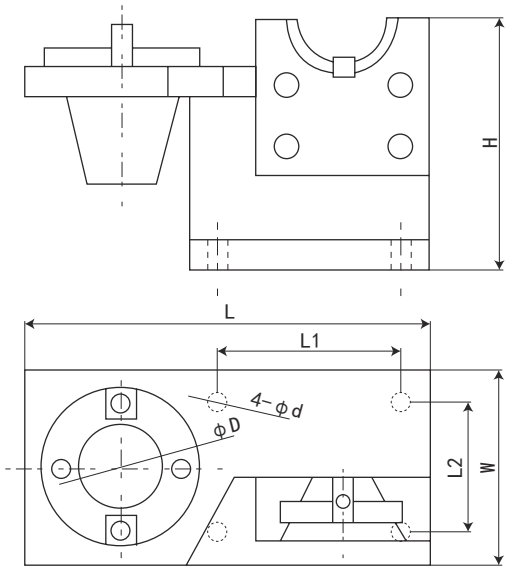




规格 / 型号 Model	d1（mm）	d2（mm）	H（mm）	重量
HSK63A	63	130	66	1.2
HSK100A	100	180	85	2.6

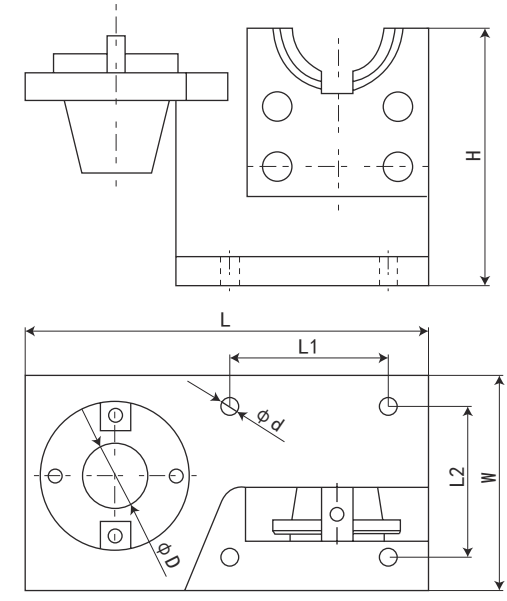
BT 锁刀座 BT TOOL TIGHTENING FIXTURE





规格 / 型号 Model	L	L1	L2	W	H	D	d
BT30	210	95	67	100	130	31.75	8.5
BT40	210	95	67	100	130	44.45	8.5
BT50	275	113	105	138	200	69.85	13

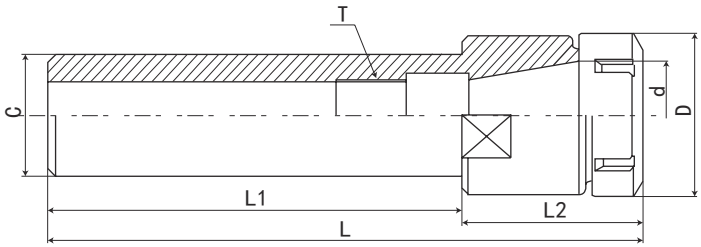




规格 / 型号 Model	L	L1	L2	W	H	D	d
JT40	210	95	67	100	130	44.45	8.5
JT50	275	113	105	138	200	69.85	13

C-ER 直柄延长杆 C-ER STRAIGHT SHANK COLLET CHUCK AND EXTENSION TYPE






P.J31


P.J06


P.J33

规格 / 型号 Model	L	L1	L2	D	d	C	T
C8-ER11A-100L	116.6	100	16.6	19	11	8	M5×0.8P
C8-ER11M-100L	116.6	100	16.6	16	11	8	M5×0.8P
C10-ER8M-100L	115	100	15	12	11	10	M6×1.0P
C10-ER8M-150L	165	150	15	12	11	10	M6×1.0P
C10-ER11A-100L	116.6	100	16.6	19	11	10	M6×1.0P
C10-ER11A-150L	166.6	150	16.6	19	11	10	M6×1.0P
C10-ER11M-100L	116.6	100	16.6	16	11	10	M6×1.0P
C10-ER11M-150L	166.6	150	16.6	16	11	10	M6×1.0P
C12-ER11A-100L	116.6	100	16.6	19	11	12	M8×1.25P
C12-ER11A-150L	166.6	150	16.6	19	11	12	M8×1.26P
C12-ER11M-100L	116.6	100	16.6	16	11	12	M8×1.27P
C12-ER11M-150L	166.6	150	16.6	16	11	12	M8×1.28P
规格 / 型号 Model	L	L1	L2	D	d	C	T
C16-ER11A-100L	116.6	100	16.6	19	11	16	M10×1.5P
C16-ER11A-150L	166.6	150	16.6	19	11	16	M10×1.5P
C16-ER11M-100L	116.6	100	16.6	16	11	16	M10×1.5P
C16-ER11M-150L	166.6	150	16.6	16	11	16	M10×1.5P
C16-ER16A-100L	140	100	40	28	16	16	M10×1.5P
C16-ER16A-150L	190	150	40	28	16	16	M10×1.5P
C16-ER16A-200L	240	200	40	28	16	16	M10×1.5P
C16-ER16M-100L	140	100	40	22	16	16	M10×1.5P
C16-ER16M-150L	190	150	40	22	16	16	M10×1.5P
C16-ER16M-200L	240	200	40	22	16	16	M10×1.5P
C16-ER20A-100L	140.5	100	40.5	34	20	16	M10×1.5P
C16-ER20A-150L	190.5	150	40.5	34	20	16	M10×1.5P
C16-ER20M-100L	140.5	100	40.5	28	20	16	M10×1.5P
C16-ER20M-150L	190.5	150	40.5	28	20	16	M10×1.5P

特点：

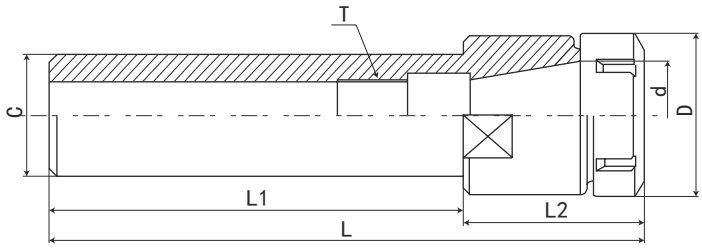
◎材质 20CrMnTi/15CrMo，表面硬度在 52-55HRC，心部硬度 40-45HRC
◎ ER 直柄延长杆，柄体较长，适合于深孔加工
◎延长杆外径与其他部位都经过研磨，消除不平衡余量，利于切削的稳定性
◎可减少对加长刀具的选用，可降低成本，提高效率
◎精度 :0.005mm

Features:

◎ Material:20CrMnTi,Surface hardness:52-55HRC,Shank hardness:40-45HRC.
◎ Shank is longer,suitable for deep hole processing.
◎ Outer diameter and other parts after grinding.eliminate the unbalanced allowance,conducive to the stability of the cutting.
◎ Can reduce to the selection of lengthen cutting tool,reduce cost and improve efficiency.
◎ Precision:0.005mm.

C-ER 直柄延长杆 C-ER STRAIGHT SHANK COLLET CHUCK AND EXTENSION TYPE





规格 / 型号 Model	L	L1	L2	D	d	C	T
C20-ER16A-100L	140	100	40	28	16	20	M12×1.75P
C20-ER16A-150L	190	150	40	28	16	20	M12×1.75P
C20-ER16A-200L	240	200	40	28	16	20	M12×1.75P
C20-ER16M-100L	140	100	40	22	16	20	M12×1.75P
C20-ER16M-150L	190	150	40	22	16	20	M12×1.75P
C20-ER16M-200L	240	200	40	22	16	20	M12×1.75P
C20-ER20A-100L	140.5	100	40.5	34	20	20	M12×1.75P
C20-ER20A-150L	194.5	150	40.5	34	20	20	M12×1.75P
C20-ER20A-200L	240.5	200	40.5	34	20	20	M12×1.75P
C20-ER20A-250L	290.5	250	40.5	34	20	20	M12×1.75P
C20-ER20M-100L	140.5	100	40.5	28	20	20	M12×1.75P
C20-ER20M-150L	194.5	150	40.5	28	20	20	M12×1.75P
C20-ER20M-200L	240.5	200	40.5	28	20	20	M12×1.75P
C20-ER20M-250L	290.5	250	40.5	28	20	20	M12×1.75P
C20-ER25UM-100L	151	100	51	42	25	20	M12×1.75P
C20-ER25UM-150L	201	150	51	42	25	20	M12×1.75P
规格 / 型号 Model	L	L1	L2	D	d	C	T
C25-ER20A-100L	140.5	100	40.5	34	20	25	M14×2.0P
C25-ER20A-150L	194.5	150	40.5	34	20	25	M14×2.0P
C25-ER20A-200L	240.5	200	40.5	34	20	25	M14×2.0P
C25-ER20M-100L	140.5	100	40.5	28	20	25	M14×2.0P
C25-ER20M-150L	194.5	150	40.5	28	20	25	M14×2.0P
C25-ER20M-200L	240.5	200	40.5	28	20	25	M14×2.0P
C25-ER25UM-100L	150	100	51	42	25	25	M14×2.0P
C25-ER25UM-150L	201	150	51	42	25	25	M14×2.0P
C25-ER25UM-200L	251	200	51	42	25	25	M14×2.0P
C25-ER25UM-250L	301	250	51	42	25	25	M14×2.0P
C25-ER32UM-100L	151.5	100L	51.5	50	32	25	M14×2.0P
C25-ER32UM-150L	201.5	150L	51.5	50	32	25	M14×2.0P
规格 / 型号 Model	L	L1	L2	D	d	C	T
C32-ER25UM-100L	151.5	100L	51.5	50	25	25	M16×2.0P
C32-ER25UM-150L	201.5	150L	51.5	50	25	25	M16×2.0P
C32-ER25UM-200L	251.5	200L	51.5	50	25	25	M16×2.0P
C32-ER32UM-100L	151.5	100	51.5	50	32	32	M16×2.0P
C32-ER32UM-150L	201.5	150	51.5	50	32	32	M16×2.0P
C32-ER32UM-200L	251.5	200	51.5	50	32	32	M16×2.0P
C32-ER32UM-250L	301.5	250	51.5	50	32	32	M16×2.0P
C32-ER32UM-300L	351.5	300	51.5	50	32	32	M16×2.0P
C32-ER40UM-100L	165	100	65	63	40	32	M16×2.0P
C32-ER40UM-150L	215	150	65	63	40	32	M16×2.0P
C32-ER40UM-200L	265	200	65	63	40	32	M16×2.0P

特点：

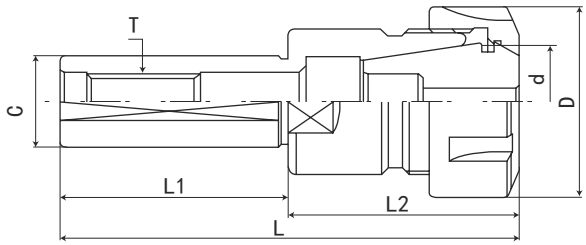
◎材质 20CrMnTi/15CrMo，表面硬度在 52-55HRC，心部硬度 40-45HRC
◎ ER 直柄延长杆，柄体较长，适合于深孔加工
◎延长杆外径与其他部位都经过研磨，消除不平衡余量，利于切削的稳定性
◎可减少对加长刀具的选用，可降低成本，提高效率
◎精度 :0.005mm

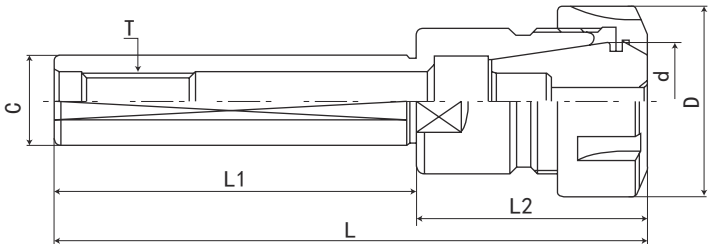
Features:

◎ Material:20CrMnTi,Surface hardness:52-55HRC,Shank hardness:40-45HRC.
◎ Shank is longer,suitable for deep hole processing.
◎ Outer diameter and other parts after grinding.eliminate the unbalanced allowance,conducive to the stability of the cutting.
◎ Can reduce to the selection of lengthen cutting tool,reduce cost and improve efficiency.
◎ Precision:0.005mm.

SL-ER - 侧固直柄延长杆 SL-ER STRAIGHT SHANK COLLET CHUCK AND EXTENSION TYPE








P.J31


P.J06


P.J33

规格 / 型号 Model	L	L1	L2	D	d	C	T
SL16-ER16-80L	122	80	42	28	16	16	M10*1.5P
SL16-ER16-100L	142	100	42	28	16	16	M10*1.5P
SL20-ER16-80L	122	80	42	28	16	20	M12*1.75P
SL20-ER20-80L	122	80	42	34	20	20	M12*1.75P
SL20-ER20-100L	142	100	42	34	20	20	M12*1.75P
SL20-ER25-80L	132	80	52	42	25	20	M12*1.75P
SL20-ER32-80L	132	80	52	50	32	20	M12*1.75P
SL25-ER20-80L	122	80	42	34	20	25	M12*1.75P
SL25-ER25-80L	132	80	52	42	25	25	M12*1.75P
SL25-ER25-100L	152	100	52	42	25	25	M12*1.75P
SL25-ER32-80L	132	80	52	50	32	25	M12*1.75P
SL25-ER40-80L	145	80	65	63	40	25	M12*1.75P
SL32-ER20-80L	122	80	42	34	20	32	M16*2.0P
SL32-ER25-80L	132	80	52	42	25	32	M16*2.1P
SL32-ER32-80L	132	80	52	50	32	32	M16*2.2P
SL32-ER32-100L	152	100	52	50	32	32	M16*2.3P
SL32-ER40-80L	145	80	65	63	40	32	M16*2.4P
SL40-ER25-80L	132	80	52	42	25	40	M16*2.5P
SL40-ER32-80L	132	80	52	50	32	40	M16*2.6P
SL40-ER32-100L	152	100	52	50	32	40	M16*2.7P

特点：

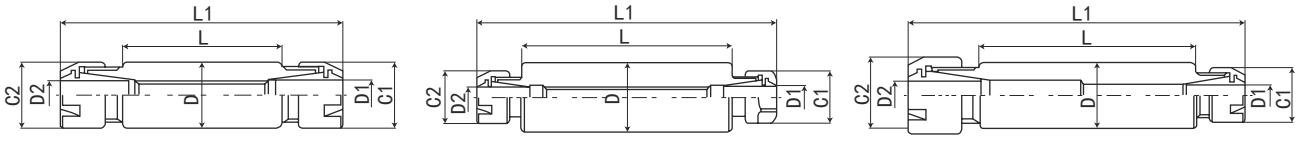
◎适用于各式 CNC 车床，走心式或是走刀式等自动车床，可作为一个刀夹（夹钻头、立铣刀、小镗刀等），可以通过吸收震动提高效率
◎材质：20CrMnTi/15CrMo，表面硬度在 52-55HRC，心部硬度 40-45HRC
◎内孔同心度：0.005mm
◎夹持柄位有削平端供刀座侧边螺丝锁固

Features:

◎ Applicable to a variety of CNC lathes,Swiss Type,or walk the knife-type automatic lathes,etc.can be used as a knife folder(folder drills,end mills,small boring tool,etc.)can be shock-absorbing efficiency.
◎ Material:20CrMnTi/15CrMo，Hardness:52-55HRC,shank hardness:40-45HRC.
◎ Hole Concentricity:0.005mm.
◎ Clapping handle bit-side leveling screw for locking the sie of a knife block.

直柄两端 ER 铣夹头柄 STRAIGHT SHANK WITH ER MILLING COLLETS AT BOTH SIDES





规格 / 型号 Model	Fig	D	L	L1	D1	D2	C1	C2
CD16-ER11M-40	1	16	40	72	1-7	1-7	19	19
CD19.05-ER11M-40	2	19.05	40	72	1-7	1-7	19	19
CD19.05-ER11M-50	2	19.05	50	82	1-7	1-7	19	19
CD19.05-ER11M-60	2	19.05	60	92	1-7	1-7	19	19
CD19.05-ER11M-90	2	19.05	90	122	1-7	1-7	19	19
CD19.05-ER11M-100	2	19.05	100	132	1-7	1-7	19	19
CD20-ER11M-50	2	20	50	82	1-7	1-7	19	19
CD20-ER11M-60	2	20	60	92	1-7	1-7	19	19
CD19.5-ER16M-60	1	19.05	60	112	1-10	1-10	22	22
CD19.5-ER16M-75	1	19.05	75	127	1-10	1-10	22	22
CD20-ER16M-40	1	20	40	92	1-10	1-10	22	22
CD20-ER16M-60	1	20	60	112	1-10	1-10	22	22
CD20-ER16M-75	1	20	75	127	1-10	1-10	22	22
CD20-ER16M-100	1	20	100	152	1-10	1-10	22	22
CD22-ER16M-60	1	22	60	112	1-10	1-10	22	22
CD22-ER16M-75	1	22	75	127	1-10	1-10	22	22
CD22-ER16M-90	1	22	90	142	1-10	1-10	22	22
CD22-ER16M-100	1	22	100	152	1-10	1-10	22	22
CD25-ER16M-50	2	25	50	102	1-10	1-10	22	22
CD25-ER16M-60	2	25	60	112	1-10	1-10	22	22
CD25-ER16M-70	2	25	70	122	1-10	1-10	22	22
CD25-ER16M-50	2	25	50	102	1-10	1-10	22	22
CD25.4-ER16M-60	2	25.4	60	112	1-10	1-10	22	22
CD25.4-ER16M-70	2	19.05	70	122	1-10	1-10	22	22
CD25.4-ER16M-75	2	19.05	75	127	1-10	1-10	22	22
CD25-ER20M-80	1	25	80	134	1-13	1-13	28	28
CD25.4-ER20M-80	1	25.4	80	134	1-13	1-13	28	28
CD32-ER20M-60	2	32	60	114	1-13	1-13	28	28
CD32-ER20M-80	2	32	80	134	1-13	1-13	28	28
CD19.05-ER11M/ER16M-50	3	19.05	50	92	1-7	1-10	16	22
CD20-ER11M/ER16M-50	3	20	50	92	1-7	1-10	16	22
CD19.05-ER11M/ER20M-50	3	19.05	50	120	1-7	1-13	16	28
CD20-ER11M/ER20M-50	3	20	50	120	1-7	1-13	16	28
CD22-ER16M/ER20M-45	3	22	45	98	1-10	1-13	22	28
CD22-ER16M/ER20M-60L	3	22	60	113	1-10	1-13	22	28
CD22-ER16M/ER20M-45L	3	25	45	98	1-10	1-13	22	28
CD25-ER16M/ER20M-60L	3	25	60	113	1-10	1-13	22	28
CD25-ER16M/ER25M-45L	3	25	45	115	1-10	1-16	22	35
CD25-ER16M/ER25M-60L	3	25	60	130	1-10	1-16	22	35
CD25-ER16M/ER25M-61L	3	32	80	131	1-13	1-16	28	35

特点：

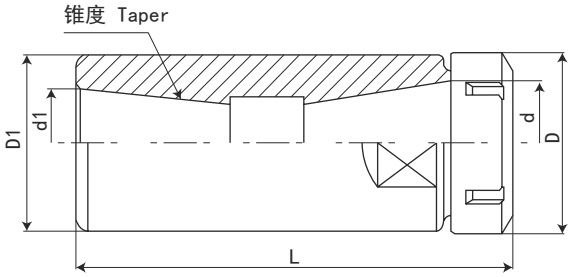
◎材质：20CrMnTi/15CrMo
◎表面硬度：52-55HRC
◎心部硬度：40-45HRC
◎精度：0.005mm

Features:

◎ Material:20CrMnTi
◎ Surface Hardness:52-55HRC
◎ Shank Hardness:40-45HRC
◎ Accuracy:0.005mm

内锥 ER 系列钻铣夹头 DRILL AND MILLING CHUCK-ER






P.J31

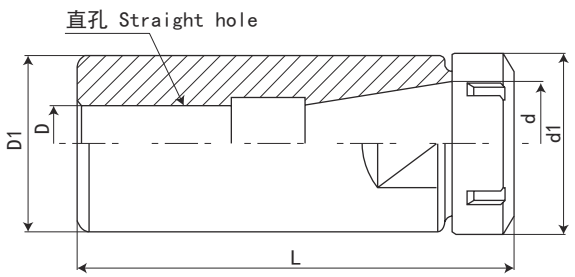

P.J06


P.J33

规格 / 型号 Model	L	D	D1	d	d1	锥度 Taper
B10-ER11	55	19	19	11	10.094	B10
B10-ER16	60	28	22	16	10.094	B10
B12-ER16	60	28	22	16	12.065	B12
B12-ER20	60	34	27	20	12.065	B12
B16-ER16	70	28	22	16	15.733	B16
B16-ER20	70	34	27	20	15.733	B16
B16-ER25	85	42	27	25	15.733	B16
B16-ER32	80	50	40	32	15.733	B16
B18-ER16	70	28	22	16	17.780	B18
B18-ER20	80	34	27	20	17.780	B18
B18-ER25	85	42	32	25	17.780	B18
B18-ER32	80	50	40	32	17.780	B18
B22-ER25	80	42	32	25	21.793	B22
B22-ER32	80	50	40	32	21.793	B22
JT0-ER11	52	19	19	11	6.35	JT0
JT1-ER11	58	19	19	11	9.754	JT1
JT1-ER16	67	28	22	16	9.754	JT1
JT2-ER16	72	28	22	16	14.199	JT2
JT6-ER16	75	28	22	16	17.170	JT6
JT6-ER20	81	34	27	20	17.170	JT6
JT6-ER25	85	42	32	25	17.170	JT6
JT6-ER32	85	50	40	32	17.170	JT6
JT3-ER20	105	34	27	20	20.599	JT3

直孔 ER 系列钻铣夹头 DRILL AND MILLING CHUCK-ER






P.J31


P.J06

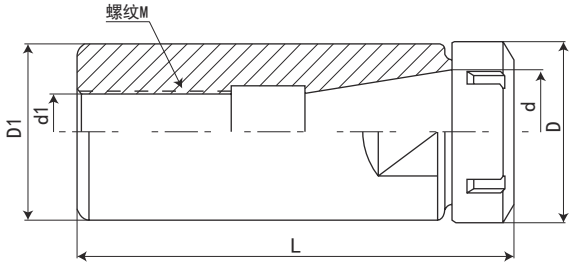

P.J33

规格 / 型号 Model	L	D	D1	d	d1
D5-ER11	55	5	19	11	19
D6-ER11	55	6	19	11	19
D8-ER11	55	8	19	11	19
D5-ER16	65	5	22	16	28
D6-ER16	65	6	22	16	28
D8-ER16	65	8	22	16	28
D10-ER16	65	10	22	16	28

刀柄配件系列 HOLDER ACCESSORIES

内螺孔 ER 系列钻铣夹头 DRILL AND MILLING CHUCK-ER

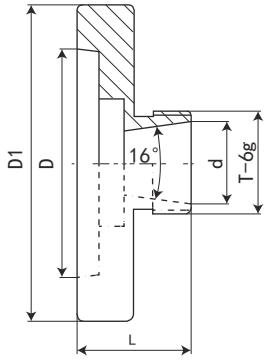




	d1	L	d	D1	D
M-ER16-50L	M1/2-20UNF	50	16	30	28
	M3/4-16UNF	50	16	30	28
	M12*1	50	16	30	28
	M14*1	50	16	30	28

ER 直孔夹头座 ER COLLET FIXTURE

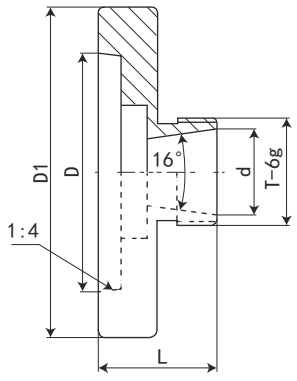




规格 / 型号 Model	D	D1	d	T	L	所配夹头 Collet
ER16-D140	22	45	16	M22*1.5P	25	ER16
ER25-D210	72	100	25	M32*1.5P	36	ER25
ER25-D250	52	102	25	M32*1.5P	36	ER25
ER25-102	52	102	25	M32*1.5P	40	ER25
ER25-BZ300	100	132	25	M32*1.5P	34	ER25
ER32-55	55	80	32	M40*1.5P	42	ER32
ER32-72	72	100	32	M40*1.5P	42	ER32
ER32-95	95	125	32	M40*1.5P	42	ER32
ER32-100	100	132	32	M40*1.5P	42	ER32
ER32-130	130	160	32	M40*1.5P	42	ER32
ER32-132	132	163	32	M40*1.5P	42	ER32

ER 锥孔夹头座 ER COLLET FIXTURE

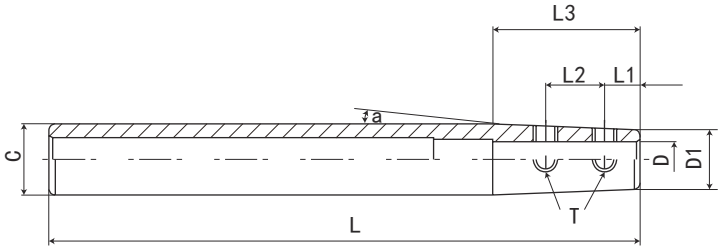




规格 / 型号 Model	D	D1	d	T	L	所配夹头 Collet
ER25-D250Z	53.975	102	25	M32*1.5P	40	ER25

侧固式 SLD 小径延长杆 SLD STRAIGHT EXTENSION SIDE LOCK HOLDER





规格 / 型号 Model	L	L1	L2	L3	C	D	D1	a	T
C8-SLD3-100L- 直柄	100	10	12	/	8	3	8	-	M3.5*0.35P
C8-SLD3.175-100L- 直柄	100	10	12	/	8	3.175	8	-	M3.5*0.35P
C8-SLD3-130L-A2.0	130	10	12	45	8	3	7	2.0	M3.5*0.35P
C10-SLD3-100L- 直柄	100	10	12	/	10	3	10	-	M3.5*0.35P
C10-SLD3.175-100L- 直柄	100	10	12	/	10	3.175	10	-	M3.5*0.35P
C10-SLD4-100L- 直柄	100	10	12	/	10	4	10	-	M4*0.5P
C12-SLD3-100L-A2.5	100	10	12	25	12	3	9	2.5	M3.5*0.35P
C12-SLD3-120L-A2.5	120	10	12	25	12	3	9	2.5	M3.5*0.35P
C12-SLD3-150L-A2.5	150	10	12	25	12	3	9	2.5	M3.5*0.35P
C12-SLD4-100L-A2.5	100	10	12	25	12	4	10	2.5	M4*0.5P
C12-SLD4-120L-A2.0	120	10	12	30	12	4	10	2.0	M4*0.5P
C12-SLD4-150L-A2.0	150	10	12	30	12	4	10	2.0	M4*0.5P
C12-SLD6-120L-A2.0	120	10	12	30	12	6	12	2.0	M5*0.5P
C12-SLD6-150L-A2.0	150	10	12	30	12	6	12	2.0	M5*0.5P
C16-SLD3-120LA2.5	120	10	12	70	16	3	9	2.5	M3.5*0.35P
C16-SLD3-150L-A2.0	150	10	12	90	16	3	9	2.0	M3.5*0.35P
C16-SLD4-120L-A2.5	120	10	12	50	16	4	10	2.5	M4*0.5P
C16-SLD4-150L-A2.5	150	10	12	70	16	4	10	2.5	M4*0.5P
C16-SLD4-200L-A2.0	200	10	12	90	16	4	10	2.0	M4*0.5P
C16-SLD6-120L-A1.5	120	10	12	50	16	6	12	1.5	M5*0.5P
C16-SLD6-150L-A1.5	150	10	12	70	16	6	12	1.5	M5*0.5P
C16-SLD6-200L-A1.5	200	10	12	90	16	6	12	1.5	M5*0.5P
C16-SLD8-120L-A1.5	120	10	15	35	16	8	14	1.5	M5*0.5P
C16-SLD8-150L-A1.5	150	10	15	35	16	8	14	1.5	M5*0.5P
C16-SLD8-150L-A1.0	150	10	15	60	16	8	14	1.0	M5*0.5P
C20-SLD3-120L-A2.0	120	10	12	45	20	3	9	2.0	M3.5*0.35P
C20-SLD3-150L-A2.0	150	10	12	45	20	3	9	2.0	M3.5*0.35P
C20-SLD4-120L-A2.0	120	10	12	30	20	4	10	2.0	M4*0.5P
C20-SLD4-150L-A2.0	150	10	12	30	20	4	10	2.0	M4*0.5P
C20-SLD6-120L-A1.5	120	10	12	50	20	6	12	1.5	M5*0.5P
C20-SLD6-150L-A1.5	150	10	12	70	20	6	12	1.5	M5*0.5P
C20-SLD6-200L-A1.5	200	10	12	90	20	6	12	1.5	M5*0.5P
C20-SLD8-120L-A1.5	120	10	15	35	20	8	14	1.5	M5*0.5P
C20-SLD8-150L-A1.0	150	10	15	70	20	8	18	1.0	M5*0.5P
C20-SLD8-200L-A1.0	200	10	15	70	20	8	18	1.0	M5*0.5P
C20-SLD10-120L-A1.5	120	10	16	35	20	10	18	1.5	M5*0.5P
C20-SLD10-150L-A1.5	150	10	16	35	20	10	18	1.5	M5*0.5P
C20-SLD10-200L-A1.5	200	10	16	45	20	10	18	1.5	M5*0.5P
C20-SLD12-120L-A1.0	120	12	18	35	20	12	19	1.0	M6*0.75P
C20-SLD12-150L-A1.0	150	12	18	35	20	12	19	1.0	M6*0.75P
C20-SLD12-200L-A1.0	200	12	18	35	20	12	19	1.0	M6*0.75P
C25-SLD10-200L-A2.0	200	10	16	80	25	10	20	2.0	M5*0.5P
C25-SLD10-250L-A2.0	250	10	16	110	25	10	18	2.0	M5*0.5P
C25-SLD12-200L-A2.0	200	12	18	80	25	12	19	2.0	M6*0.75P
C25-SLD12-250L-A1.5	250	12	18	110	25	12	19	1.5	M6*0.75P

MTA-ER 扁尾式莫氏刀柄 MTA-ER COLLET CHUCK





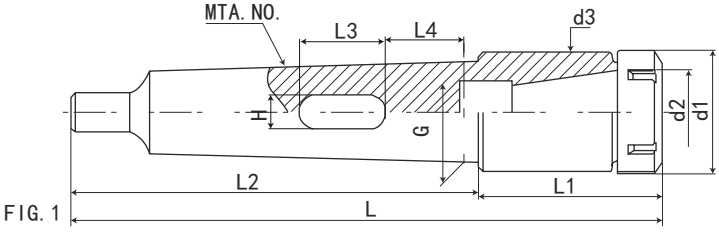


FIG. 1

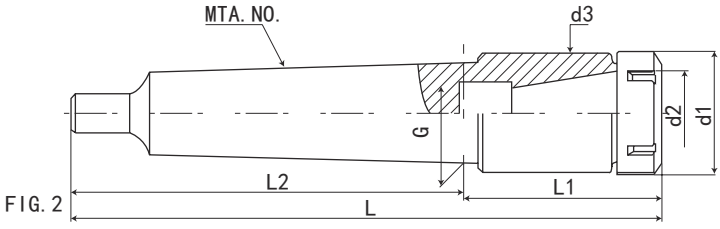


FIG. 2


P.J31

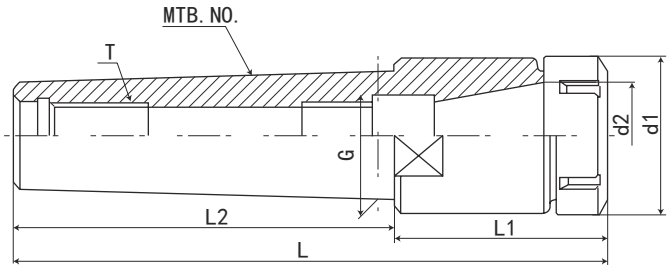

P.J06


P.J33

规格 / 型号 Model	L	L1	L2	L3	L4	d1	d2	H	G	Fig	夹持范围 Range
MTA1-ER16-60L	129	60	69	-	-	28	16	-	12.065	2	1-10
MTA2-ER16-60L	144	60	84	-	-	28	16	-	17.780	2	1-10
MTA2-ER20-50L	134	50	84	-	-	34	20	-	17.780	2	1-13
MTA2-ER25-55L	139	55	84	-	-	42	25	-	17.780	2	1-16
MTA2-ER32-65L	149	65	84	-	-	50	32	-	17.780	2	1-20
MTA2-ER40-70L	154	70	84	-	-	63	40	-	17.780	2	2-26
MTA3-ER16-40L	139	40	99	-	-	28	16	-	23.825	2	1-10
MTA3-ER20-50L	149	50	99	-	-	34	20	-	23.825	2	1-13
MTA3-ER25-55L	154	55	99	-	-	42	25	-	23.825	2	1-16
MTA3-ER32-70L	169	70	99	-	-	50	32	-	23.825	2	1-20
MTA3-ER40-70L	169	70	99	-	-	63	40	-	23.825	2	2-26
MTA4-ER20-40L	164	40	124	-	-	34	20	-	31.267	2	1-13
MTA4-ER25-40L	164	40	124	-	-	42	25	-	31.267	2	1-16
MTA4-ER32-70L	194	70	124	-	-	50	32	-	31.267	2	1-20
MTA4-ER40-70L	194	70	124	-	-	63	40	-	31.267	2	2-26
MTA5-ER32-70L	226	70	156	40	35	50	32	13	44.399	11	1-20
MTA5-ER40-70L	226	70	156	40	35	63	40	13	44.399	1	2-26
MTA5-ER50-80L	236	80	156	40	35	78	50	13	44.399	1	6-36
MTA6-ER32-70L	288	70	218	40	45	50	32	17	63.348	1	1-20
MTA6-ER40-70L	288	70	218	40	45	63	40	17	63.348	1	2-26
MTA6-ER50-100L	318	100	218	40	45	78	50	17	63.348	1	6-36
公制 80-ER40-70L	298	70	228	45	55	63	40	20	80.00	1	2-26
公制 80-ER50-75L	328	100	228	45	55	78	50	20	80.00	1	6-36

MTB-ER 后拉式莫氏刀柄 MTB-ER COLLET CHUCK






P.J31

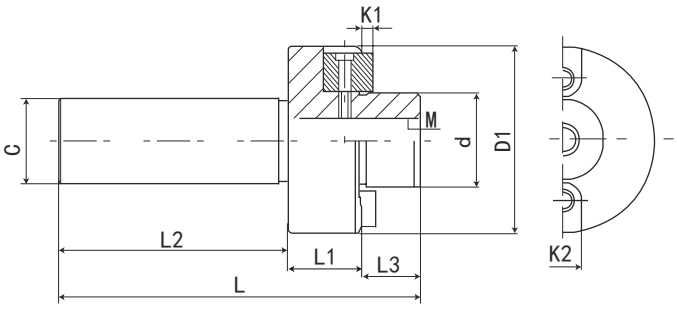

P.J06


P.J33

MTB.NO	规格 / 型号 Model	L	L1	L2	d1	d2	T	G	夹持范围 Range
MTB1	MTB1-ER16-40L	96	40	56	28	16	M6*1.0P	12.065	2-10
MTB2	MTB2-ER16-40L	108	40	68	28	16	M10×1.5P	17.780	2-10
	MTB2-ER20-50L	118	50	68	34	20	M10×1.5P	17.780	2-13
	MTB2-ER25-55L	123	55	68	42	25	M10×1.5P	17.780	2-16
	MTB2-ER32-65L	133	65	68	50	32	M10×1.5P	17.780	2-20
	MTB2-ER40-70L	138	70	68	63	40	M10×1.5P	17.780	2-26
MTB3	MTB3-ER16-40L	125	40	85	28	16	M12×1.75P	23.825	2-10
	MTB3-ER20-50L	135	50	85	34	20	M12×1.75P	23.825	2-13
	MTB3-ER25-55L	140	55	85	42	25	M12×1.75P	23.825	2-16
	MTB3-ER32-70L	155	70	85	50	32	M12×1.75P	23.825	2-20
	MTB3-ER40-70L	155	70	85	63	40	M12×1.75P	23.825	2-26
MTB4	MTB4-ER16-40L	148	40	108	28	16	M16×2.0P	31.267	2-10
	MTB4-ER20-40L	148	40	108	34	20	M16×2.0P	31.267	2-13
	MTB4-ER25-40L	148	40	108	42	25	M16×2.0P	31.267	2-16
	MTB4-ER32-70L	178	70	108	50	32	M16×2.0P	31.267	2-20
	MTB4-ER40-70L	178	70	108	63	40	M16×2.0P	31.267	2-26
MTB5	MTB5-ER32-70L	206	70	136	50	32	M20×2.5P	44.399	2-20
	MTB5-ER40-70L	206	70	136	63	40	M20×2.5P	44.399	2-26

直柄 C-FMB 铣刀柄 STRAIGHT SHANK C-FMB SHELL END MILL ARBORS





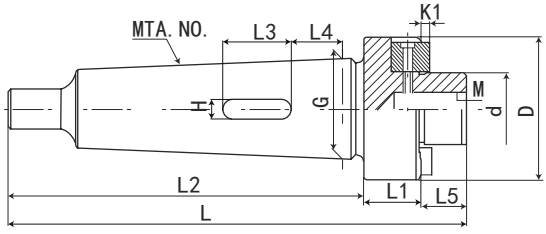

P.M02

规格 / 型号 Model	L	L1	L2	L3	C	D1	d	M	K1	K2
C20-FMB22-L	98	20	60	18	20	48	22	M10*1.5P	4.8	10
C20-FMB27-L	110	20	70	20	20	53	27	M12*1.75P	5.8	12
C25-FMB22-L	108	20	70	18	25	48	22	M10*1.5P	4.8	10
C25-FMB27-L	110	20	70	20	25	53	27	M12*1.75P	5.8	12
C32-FMB22-L	108	20	70	18	32	48	22	M10*1.5P	4.8	10
C32-FMB27-L	110	20	70	20	32	53	27	M12*1.75P	5.8	12

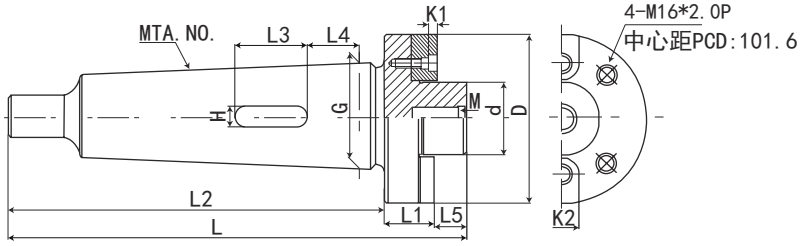
刀柄配件系列 HOLDER ACCESSORIES

MTA-FMB 扁尾式莫氏铣刀柄 MTA-FMB MORSE TAPER SHELL END MILL ARBORS







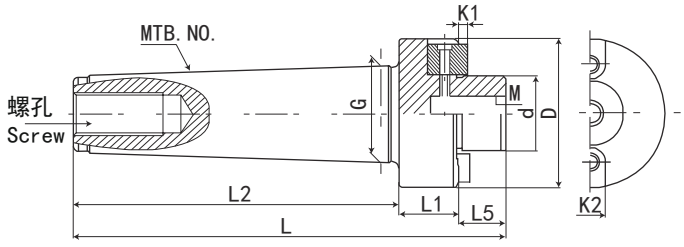


P.M02

MTA.NO	规格 / 型号 Model	L	L1	L2	L3	L4	L5	H	G	D	M	d	k1	k2
MTA4	MTA4-FMB22-25L	167	25	124	-	-	18	-	31.267	47	M10*1.5P	22	4.8	10
	MTA4-FMB27-25L	169	25	124	-	-	20	-	31.267	58	M12*1.75P	27	5.8	12
MTA5	MTA5-FMB22-25L	199	25	156	40	35	18	13	44.399	47	M10*1.5P	22	4.8	10
	MTA5-FMB27-25L	201	25	156	40	35	20	13	44.399	58	M12*1.75P	27	5.8	12
	MTA5-FMB32-25L	203	25	156	40	35	22	13	44.399	64	M16*2.0P	32	6.8	14
	MTA5-FMB40-25L	206	25	156	40	35	25	13	44.399	73	M16*2.0P	40	8.3	16
	MTA5-FMB60-25L	206	25	156	40	35	25	13	44.399	128	M16*2.0P	60	12.5	25.4
MTA6	MTA6-FMB22-25L	261	25	218	40	45	18	17	63.348	48	M10*1.5P	22	4.8	10
	MTA6-FMB27-25L	263	25	218	40	45	20	17	63.348	58	M12*1.75P	27	5.8	12
	MTA6-FMB32-25L	265	25	218	40	45	22	17	63.348	64	M16*2.0P	32	6.8	14
	MTA6-FMB40-25L	268	25	218	40	45	25	17	63.348	73	M16*2.0P	40	8.3	16
	MTA6-FMB60-25L	268	25	218	40	45	25	17	63.348	128	M16*2.0P	60	12.5	25.4
公制 80	公制 80-FMB22-25L	271	25	228	45	55	18	20	80.00	48	M10*1.5P	22	4.8	10
	公制 80-FMB27-25L	273	25	228	45	55	20	20	80.00	58	M12*1.75P	27	5.8	12
	公制 80-FMB32-25L	275	25	228	45	55	22	20	80.00	64	M16*2.0P	32	6.8	14
	公制 80-FMB40-25L	278	25	228	45	55	25	20	80.00	73	M16*2.0P	40	8.3	16
	公制 80-FMB60-25L	278	25	228	45	55	25	20	80.00	128	M16*2.0P	60	12.5	25.4

MTB-FMB 后拉式莫氏铣刀柄 MTB-FMB MORSE TAPER SHELL END MILL ARBORS



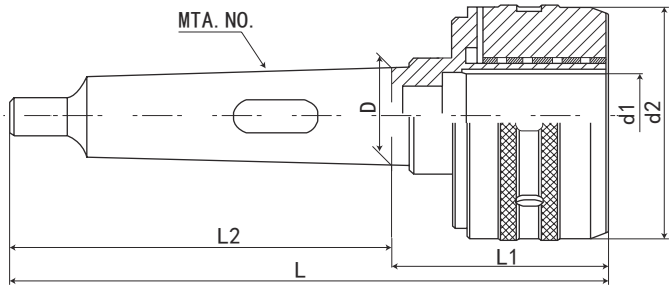


P.M02

MTB.NO	规格 / 型号 Model	L	L1	L2	L5	螺孔	G	D	M	d	k1	K2 键宽
MTB3	MTB3-FMB22-25L	128	25	85	18	M12×1.75P	23.825	47	M10*1.5P	22	4.8	10
	MTB3-FMB27-25L	130	25	85	20	M12×1.75P	23.825	58	M12*1.75P	27	5.8	12
MTB4	MTB4-FMB22-25L	151	25	108	18	M16×2.0P	31.267	47	M10*1.5P	22	4.8	10
	MTB4-FMB27-25L	153	25	108	20	M16×2.0P	31.267	58	M12*1.75P	27	5.8	12
	MTB4-FMB32-25L	155	25	108	22	M16×2.0P	31.267	64	M16*2.0P	32	6.8	14
	MTB4-FMB40-25L	158	25	108	25	M16×2.0P	31.267	73	M16*2.0P	40	8.3	16

MTA-C 型莫氏强力刀柄 MTA-C MOSER TAPER SHANK MILLING CHUCK





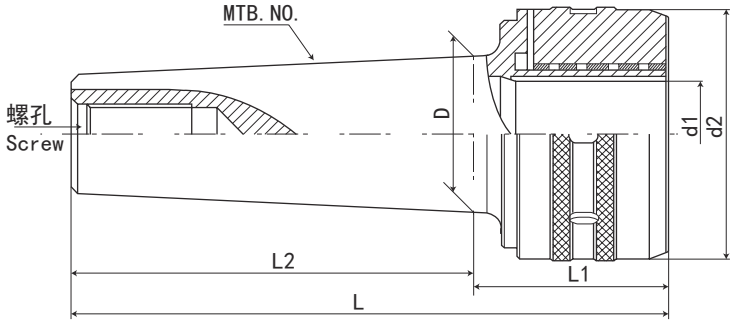




规格 / 型号 Model	MTA.NO	L	L1	L2	D	d1	d2	夹持范围 Range
MTA3-C25-95L	MTA3	194	95	99	23.825	25	58	3 4 5 6 8 10 12 14 16 18 20
MTA3-C32-95L	MTA3	194	95	99	23.825	32	74	3 4 5 6 8 10 12 14 16 18 20 22 24 25
MTA4-C25-95L	MTA4	219	95	124	31.267	25	58	3 4 5 6 8 10 12 14 16 18 20
MTA4-C32-95L	MTA4	219	95	124	31.267	32	74	3 4 5 6 8 10 12 14 16 18 20 22 24 25
MTA5-C32-95L	MTA5	251	95	156	44.395	32	74	3 4 5 6 8 10 12 14 16 18 20 22 24 25
MTA6-C32-95L	MTA6	313	95	218	63.348	32	74	3 4 5 6 8 10 12 14 16 18 20 22 24 25
公制 80-C32-95L	公制 80	323	95	228	80.00	32	74	3 4 5 6 8 10 12 14 16 18 20 22 24 25

MTB-C 型莫氏强力刀柄 MTB-C MOSER TAPER SHANK MILLING CHUCK





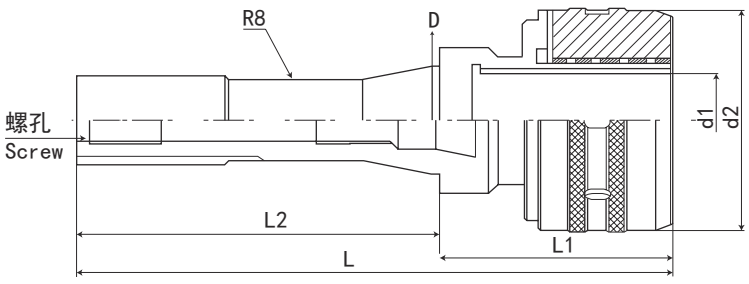




规格 / 型号 Model	MTB.NO	L	L1	L2	D	d1	d2	夹持范围 Range	连接螺纹
MTB3-C25-90L	MTB3	175	90	85	23.825	25	58	3 4 5 6 8 10 12 14 16 18 20	M12×1.75P，后拉式
MTB3-C32-90L	MTB3	175	90	85	23.825	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25	M12×1.75P，后拉式
MTB4-C25-90L	MTB4	198	90	108	31.267	25	58	3 4 5 6 8 10 12 14 16 18 20	M14×2.0P，后拉式
MTB4-C32-95L	MTB4	203	95	108	31.267	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25	M14×2.0P，后拉式
MTB5-C32-95L	MTB5	231	95	136	44.395	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25	M20×2.5P，后拉式

R8-C 型强力刀柄 R8-C SHANK MILLING CHUCK









规格 / 型号 Model	L	L1	L2	D	d1	d2	夹持范围 Range	螺孔 Screw
R8-C25-70L	172	70	102	32	25	58	3 4 5 6 8 10 12 14 16 18 20	M12*1.75P-7/16
R8-C32-75L	175	75	102	32	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25	M12*1.75P-7/16

MTA-LBK 扁尾式莫氏镗头刀柄 MORSE TAPER BORING HEAD SHANK



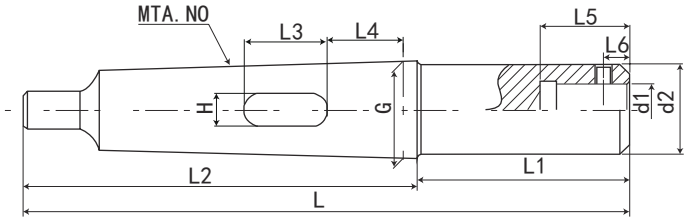


FIG. 1



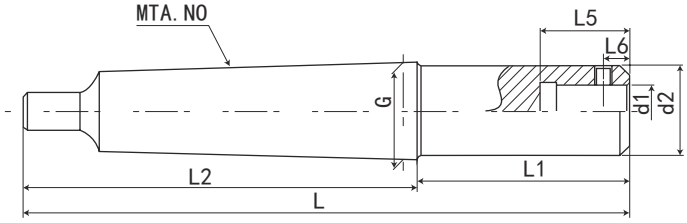


FIG. 2

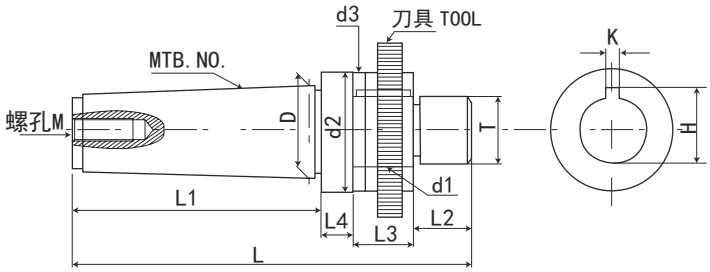


P.J39

MTA.NO	规格 / 型号 Model	G	L	L1	L2	L3	L4	L5	L6	d1	d2	侧边螺丝 Screw	H	FIG
MTA3	MTA3-LBK1-70L	23.825	169	70	99	-	-	30	5.05	11	19	M4*0.5P	-	2
	MTA3-LBK2-100L	23.825	199	100	99	-	-	31	6.62	14	24	M5*0.5P	-	2
	MTA3-LBK3-100L	23.825	199	100	99	-	-	35	8	18	31	M6*0.75P	-	2
	MTA3-LBK4-100L	23.825	199	100	99	-	-	39	10	22	39	M8*0.75P	-	2
	MTA3-LBK5-100L	23.825	199	100	99	-	-	45	13	28	50	M10*1.0P	-	2
	MTA3-LBK6-100L	23.825	199	100	99	-	-	55	16	36	63	M12*1.0P	-	2
MTA4	MTA4-LBK1-70L	31.267	194	70	124	-	-	30	5.05	11	19	M4*0.5P	-	2
	MTA4-LBK2-100L	31.267	224	100	124	-	-	31	6.62	14	24	M5*0.5P	-	2
	MTA4-LBK3-100L	31.267	224	100	124	-	-	35	8	18	31	M6*0.75P	-	2
	MTA4-LBK4-100L	31.267	224	100	124	-	-	39	10	22	39	M8*0.75P	-	2
	MTA4-LBK5-100L	31.267	224	100	124	-	-	45	13	28	50	M10*1.0P	-	2
	MTA4-LBK6-100L	31.267	224	100	124	-	-	55	16	36	63	M12*1.0P	-	2
MTA5	MTA5-LBK2-100L	44.399	256	100	156	40	35	31	6.62	14	24	M5*0.5P	13	1
	MTA5-LBK3-125L	44.399	281	125	156	40	35	35	8	18	31	M6*0.75P	13	1
	MTA5-LBK4-125L	44.399	281	125	156	40	35	39	10	22	39	M8*0.75P	13	1
	MTA5-LBK5-125L	44.399	281	125	156	40	35	45	13	28	50	M10*1.0P	13	1
	MTA5-LBK6-125L	44.399	281	125	156	40	35	55	16	36	63	M12*1.0P	13	1
MTA6	MTA6-LBK4-125L	63.348	343	125	218	40	45	39	10	22	39	M8*0.75P	17	1
	MTA6-LBK5-125L	63.348	343	125	218	40	45	45	13	28	50	M10*1.0P	17	1
	MTA6-LBK6-125L	63.348	343	125	218	40	45	55	16	36	63	M12*1.0P	17	1
公制 80	公制 80-LBK6-150L	80.00	378	150	228	45	55	55	16	36	63	M12*1.0P	20	1

MTB-SCA 莫氏后拉式侧铣刀杆 MTB-SCA MORSE TAPER SIDE CUTTER ADAPTET

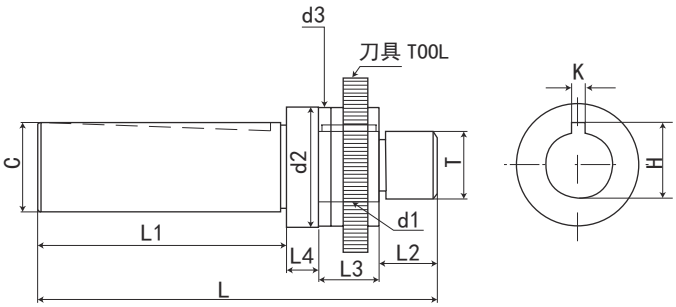




莫氏型号 Morse	规格 / 型号 Model	L	L1	L2	L3	L4	D	d1	d2	d3	K	H	T	M
MTB3	MTB3-SCA13-35L	167	86	16	30	35	23.825	13	26	26	/	/	M12*1.5P	M12*1.75P
	MTB3-SCA16-35L	167	86	16	30	35	23.825	16	26	26	4	17.7	M14*1.5P	M12*1.75P
	MTB3-SCA22-35L	173	86	22	30	35	23.825	22	34	34	6	24.3	M20*1.5P	M12*1.75P
	MTB3-SCA25.4-35L	179	86	28	30	35	23.825	25.4	40	40	6.35	28.4	M24*1.5P	M12*1.75P
	MTB3-SCA27-35L	179	86	28	30	35	23.825	27	40	40	7	30	M24*1.5P	M12*1.75P
	MTB3-SCA31.75-35L	183	86	32	30	35	23.825	31.75	47	47	7.93	34.8	M30*1.5P	M12*1.75P
	MTB3-SCA32-35L	183	86	32	30	35	23.825	32	47	47	8	35	M30*1.5P	M12*1.75P
MTB4	MTB4-SCA13-45L	200	109	16	30	45	31.267	13	26	26	/	/	M12*1.5P	M14*2.0P/M16*2.0P
	MTB4-SCA16-45L	200	109	16	30	45	31.267	16	26	26	4	17.7	M14*1.5P	M14*2.0P/M16*2.0P
	MTB4-SCA22-45L	206	109	22	30	45	31.267	22	34	34	6	24.3	M20*1.5P	M14*2.0P/M16*2.0P
	MTB4-SCA25.4-45L	212	109	28	30	45	31.267	25.4	40	40	6.35	28.4	M24*1.5P	M14*2.0P/M16*2.0P
	MTB4-SCA27-45L	212	109	28	30	45	31.267	27	40	40	7	30	M24*1.5P	M14*2.0P/M16*2.0P
	MTB4-SCA31.75-45L	216	109	32	30	45	31.267	31.75	47	47	7.93	34.8	M30*1.5P	M14*2.0P/M16*2.0P
	MTB4-SCA32-45L	216	109	32	30	45	31.267	32	47	47	8	35	M30*1.5P	M14*2.0P/M16*2.0P

直柄 C-SCA 侧铣刀杆 STRAIGHT SHANK C-SCA CUTTER ADAPTET





规格 / 型号 Model	L	L1	L2	L3	L4	d1	d2	d3	K	H	T
C6-SCA5	60	30	8	12	10	5	11	11	/	/	M4*0.7P
C7-SCA6	60	30	8	12	10	6	12	12	/	/	M5*0.8P
C10-SCA6	80	50	8	12	10	5	12	12	/	/	M5*0.8P
C10-SCA8	80	50	8	12	10	8	14	14	/	/	M6*1.0P
C10-SCA10	100	50	10	30	10	10	18	18	/	/	M8*1.25P
C10-SCA13	104	50	10	30	14	13	26	26	/	/	M12*1.5P
C10-SCA16	104	50	10	30	14	16	26	26	/	/	M14*1.5P
C13-SCA13	104	50	10	30	14	13	26	26	/	/	M12*1.5P
C13-SCA16	104	50	10	30	14	16	26	26	/	/	M14*1.5P
C16-SCA13	112	50	16	30	16	13	26	26	/	/	M12*1.5P
C16-SCA16	116	50	16	30	20	16	26	26	4	17.7	M14*1.5P
C16-SCA22	122	50	22	30	20	22	34	34	6	24.3	M20*1.5P
C20-SCA16	126	60	16	30	20	16	26	26	4	17.7	M14*1.5P
C20-SCA22	132	60	22	30	20	22	34	34	6	24.3	M20*1.5P
C20-SCA27	143	60	28	30	25	27	40	40	7	30	M24*1.5P
C25-SCA22	142	65	22	30	25	22	34	34	6	24.3	M20*1.5P
C25-SCA27	148	65	28	30	25	27	40	40	7	30	M24*1.5P
C25-SCA32	157	65	32	30	30	32	47	47	8	35	M30*1.5P
C32-SCA22	147	70	22	30	25	22	34	34	6	24.3	M20*1.5P
C32-SCA27	158	70	28	30	30	27	40	40	7	30	M24*1.5P
C32-SCA32	162	70	32	30	30	32	47	47	8	35	M30*1.5P
C40-SCA32	177	85	32	30	30	32	47	47	8	35	M30*1.5P
C40-SCA40	191	86	40	30	35	40	55	55	10	43.7	M36*2.0P

刀柄配件系列 HOLDER ACCESSORIES

MTA-SLN 莫氏扁尾式侧固刀柄 MTA-SLN MORSE TAPER SIDE LOCK END MILL HOLDER



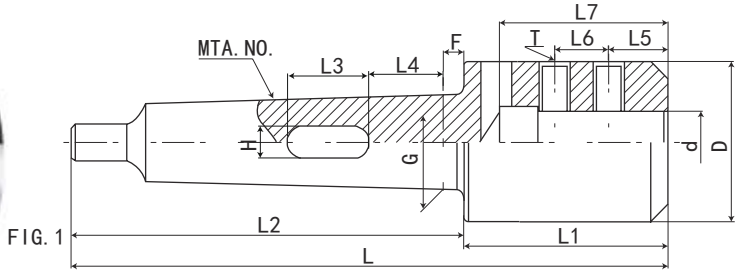


FIG. 1

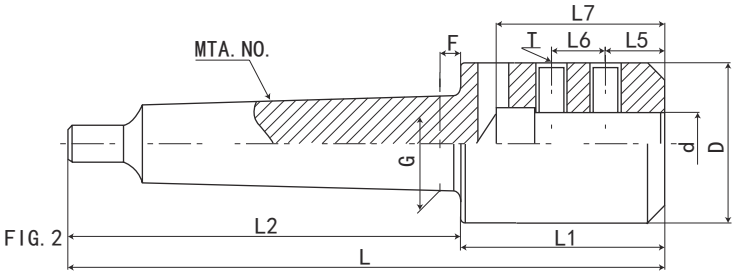
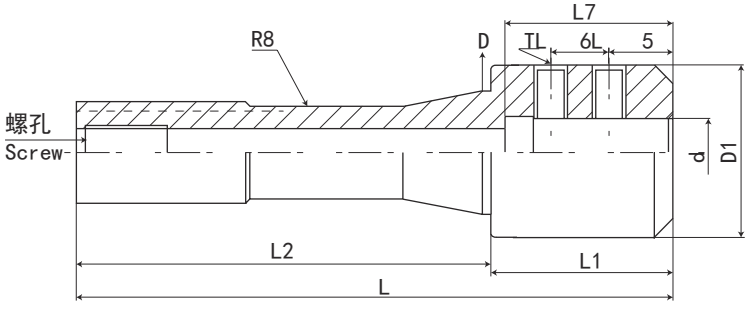


FIG. 2

莫氏型号 Morse	规格 / 型号 Model	L	L1	L2	L3	L4	L5	L6	L7	D	d	G	F	T	FIG
MTA3	MTA3-SLN20-80L	179	80	99	/	/	25	20	70	53	20	23.825	5	M12*1.75P	2
	MTA3-SLN25-95L	194	95	99	/	/	24	25	80	53	25	23.825	5	M12*1.75P	2
	MTA3-SLN32-95L	194	95	99	/	/	24	28	85	53	32	23.825	5	M16*2.0P	2
MTA4	MTA4-SLN20-65L	189	65	124	/	/	25	20	70	53	20	31.267	6.5	M12*1.75P	2
	MTA4-SLN25-95L	219	95	124	/	/	24	25	80	53	25	31.267	6.5	M12*1.75P	2
	MTA4-SLN32-95L	219	95	124	/	/	24	28	85	53	32	31.267	6.5	M16*2.0P	2
	MTA4-SLN40-115L	239	115	124	/	/	30	32	100	68	40	31.267	6.5	M20*2.5P	2
MTA5	MTA5-SLN20-65L	221	65	156	40	35	25	20	70	53	20	44.399	6.5	M12*1.75P	1
	MTA5-SLN25-65L	221	65	156	40	35	24	25	80	53	25	44.399	6.5	M12*1.75P	1
	MTA5-SLN32-70L	226	70	156	40	35	24	28	85	53	32	44.399	6.5	M16*2.0P	1
	MTA5-SLN40-115L	271	115	156	40	35	30	32	100	68	40	44.399	6.5	M20*2.5P	1
MTA6	MTA6-SLN25-65L	283	65	218	40	45	24	25	80	60	25	63.348	8	M12*1.75P	1
	MTA6-SLN32-70L	288	70	218	40	45	24	28	85	60	32	63.348	8	M16*2.0P	1
	MTA6-SLN40-80L	298	80	218	40	45	30	32	100	68	40	63.348	8	M20*2.5P	1
公制 80	公制 80-SLN32-70L	298	70	228	45	55	24	28	85	65	32	80.00	8	M16*2.0P	1
	公制 80-SLN40-80L	308	80	228	45	55	30	32	100	83	40	80.00	8	M20*2.5P	1
	公制 80-SLN50-85L	313	85	228	45	55	35	35	105	83	50	80.00	8	M20*2.5P	1

R8-SLN 侧固刀柄 R8-SLN SIDE LOCK END MILL HOLDER





规格 / 型号 Model	L	L1	L2	L5	L6	L7	D	D1	d	T	螺孔 Screw
R8-SLN10-50L	153	50	103	15	14	55	31.75	38	10	M10*1.5P	M12*1.75P-7/16
R8-SLN12-50L	153	50	103	20	16	60	31.75	38	12	M10*1.5P	M12*1.75P-7/16
R8-SLN16-55L	158	55	103	22	18	60	31.75	48	16	M12*1.75P	M12*1.75P-7/16
R8-SLN20-85L	188	85	103	25	20	70	31.75	53	20	M12*1.75P	M12*1.75P-7/16
R8-SLN25-90L	193	90	103	24	25	80	31.75	53	25	M12*1.75P	M12*1.75P-7/16
R8-SLN32-95L	198	95	103	24	28	85	31.75	53	32	M16*2.0P	M12*1.75P-7/16

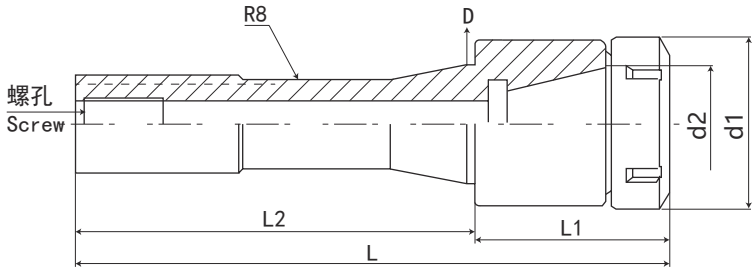
R8-ER 后拉式刀柄 R8-ER COLLET CHUCK




P.J31


P.J06


P.J33

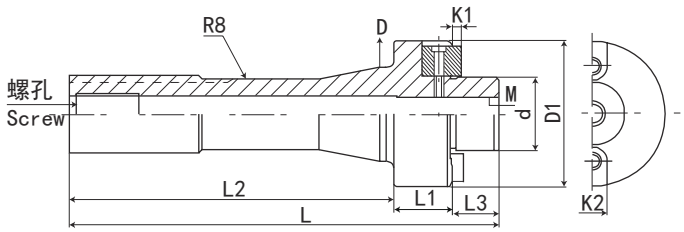


规格 / 型号 Model	L	L1	L2	D	d1	d2	螺孔 Screw
R8-ER16-50L	153	50	103	31.75	28	16	M12*1.5P-7/16
R8-ER20-50L	153	50	103	31.75	34	20	M12*1.5P-7/16
R8-ER25-55L	158	55	103	31.75	42	25	M12*1.5P-7/16
R8-ER32-60L	163	60	103	31.75	50	32	M12*1.5P-7/16
R8-ER40-70L	173	70	103	31.75	63	40	M12*1.5P-7/16

R8-FMB 铣刀柄 R8-FMB SHELL END MILL ARBORS



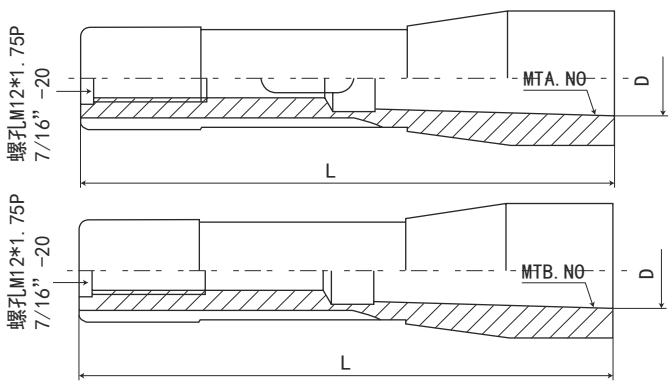

P.M02



规格 / 型号 Model	L	L1	L2	L3	D	D1	d	M	K1	K2	螺孔 Screw
R8-FMB22-L	151	30	103	18	31.75	40	22	M10*1.5P	4.8	10	M12*1.5P-7/16
R8-FMB27-L	155	32	103	20	31.75	48	27	M12*1.75P	5.8	12	M12*1.5P-7/16
R8-FMB32-L	160	35	103	22	31.75	59	32	M16*2.0P	6.8	14	M12*1.5P-7/16
R8-FMB40-L	163	35	103	25	31.75	64	40	M16*2.0P	8.3	16	M12*1.5P-7/16

R8 变径套 / 中间套 R8 MORSE TAPER SLEEVES/TAPER SLEEVES





规格 / 型号 Model	MTA.NO	D	L
R8-MTA1	1	12.065	102
R8-MTA2	2	17.780	105
R8-MTA3	3	23.825	135
R8-MTA4	4	31.267	218
规格 / 型号 Model	MTB.NO	D	L
R8-MTB1	1	12.065	114
R8-MTB2	2	17.780	127
R8-MTB3	3	23.825	153
R8-MTB4	4	31.267	240

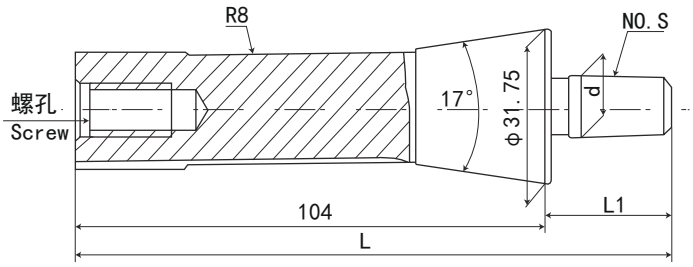
刀柄配件系列 HOLDER ACCESSORIES

R8 - 钻接杆 R8 DRILL CHUCK ARBORS





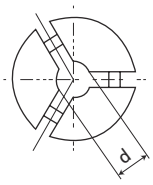
P.J58

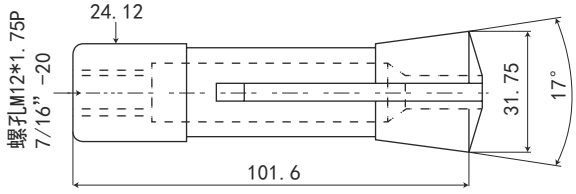


规格 / 型号 Model	L	L1	d	NO.S	螺孔 Screw
R8-JT0	117	14	6.35	JT0	M12*1.75P-7/16
R8-JT1	122	19	9.754	JT1	M12*1.75P-7/16
R8-JT2S	125	22	13.94	JT2S	M12*1.75P-7/16
R8-JT2	128	25	14.199	JT2	M12*1.75P-7/16
R8-JT33	132	29	15.85	JT33	M12*1.75P-7/16
R8-JT6	131	28	17.17	JT6	M12*1.75P-7/16
R8-JT3	137	34	20.599	JT3	M12*1.75P-7/16
R8-JT4	148	45	28.55	JT4	M12*1.75P-7/16
R8-JT5	153	50	35.89	JT5	M12*1.75P-7/16
R8-B6	119	16	6.35	B6	M12*1.75P-7/16
R8-B10	123	20	10.094	B10	M12*1.75P-7/16
R8-B12	127	24	12.065	B12	M12*1.75P-7/16
R8-B16	134	31	15.733	B16	M12*1.75P-7/16
R8-B18	142	39	17.78	B18	M12*1.75P-7/16
R8-B22	151	48	21.793	B22	M12*1.75P-7/16
R8-B24	161	58	23.825	B24	M12*1.75P-7/16

R8 弹簧夹头 R8 COLLETS



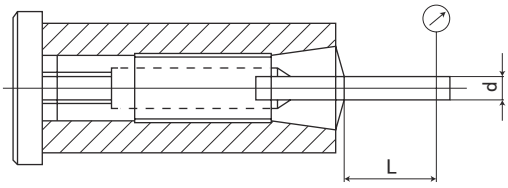




公制螺纹孔为 M12*1.75P　英制螺纹孔为 7/16"-20

规格 / 型号 Model	型式 Type	夹持范围 Clamping range		重量 KGS
		mm	in	
R8	圆孔 Round	3/4/5/6/7/8/10/12/14/16/18/20	1/16-7/8	0.24

精度检测 INSPECTION OF ACCURACY



d		L	径向跳动 Run out	
mm	in	mm	in	mm
1-1.6	1/32-1/16	6.35	0.001	0.013
> 1.6-3.0	> 1/16-1/8	12.7	0.001	0.013
> 3-10	> 1/8-3/8	25.4	0.001	0.013
> 10-16	> 3/8-5/8	38.1	0.001	0.013
> 16-20	> 5/8-7/8	50.8	0.001	0.013

特点：

◎材料：65Mn
◎硬度：夹持部分 HRC55-60
◎弹性区 HRC40-45
◎适用于主轴锥孔为 R8 的各种铣床，如 X6325、X5325 等

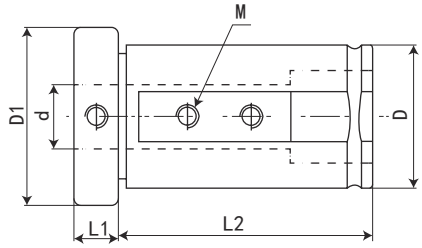
Features:

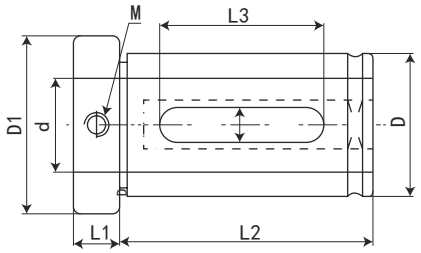
◎ Material:65Mn
◎ Hardness:clamping part HRC55-60
◎ elastic part HRC40-45
◎ This unit is applicable to all sorts of milling machines, which spindle taper hole is R8,such as X6325、X5325 etc.

车床内孔车刀刀套 LATHE TOOL HOLDER SLEEVE









D	d	D1	L1	L2（加长）	L3（加长）	W（加宽）	M	FIG
40	8/10/12/16/20	46.5	15	80(85)			M8	1
	25/32	46.5	15	80(85)	65(70)	12(14)		2
32	8/10/12/16	39	14	70(75)			M8	1
	20/25	39	14	70(75)	58(60)	10(12)		2
25	8/10/12	33	14	50				1
	16	33	14	50	42	10		2
20	8/10	28	12	50			M6	1
	12	28	12	50	42	8		2
16	8	24	10	40				1
	10	24	10	40	34	6		2

特点：

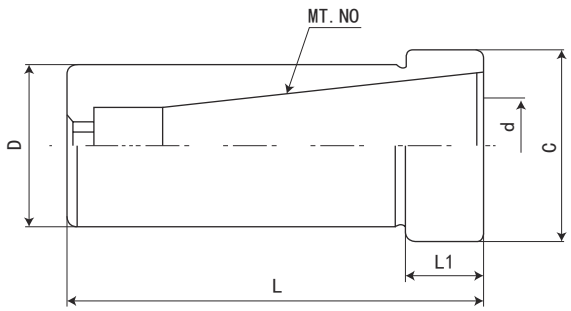
◎高精度 刀库导套 精度有 0.01mm、0.015mm 两类，由合金钢制造，用于数控车加工中心（转塔）刀架夹持刀具
◎材料：42CrMo
◎热处理硬度：50-55HRC

Features:

◎High accurcy of sleeve holders 0.01mm,0.015mm,Suitable to hold cylinderical shank tools on turret at CNC lathe.
◎ Material:42CrMo
◎ Hardness:50-55HRC

刀库刀套莫氏锥度套筒 MORSE TOOL HOLDER SLEEVE





规格 / 型号 Model	FIG	D	C	L	L1	MT		重量 KGS
						MT NO.	d	
C20-MT1	1	20	23.5	76	20	1	12.065	0.16
C20-MT2	1	20	23.5	93	35	2	17.780	0.13
C25-MT1	1	25	31	81	15	1	12.065	0.27
C25-MT2	1	25	31	93	20	2	17.7 80	0.24
C32-MT1	1	32	37.5	81	15	1	12.065	0.47
C32-MT2	1	32	37.5	91	20	2	17.780	0.46
C32-MT3	2	32	37.5	91	20	3	23.825	0.35
C42-MT1	1	42	47.5	96	20	1	12.065	1.02
C42-MT2	1	42	47.5	96	20	2	17.780	0.93
C42-MT3	2	42	47.5	92	15	3	23.825	0.76
C42-MT4	2	42	47.5	115	30	4	31.267	0.75

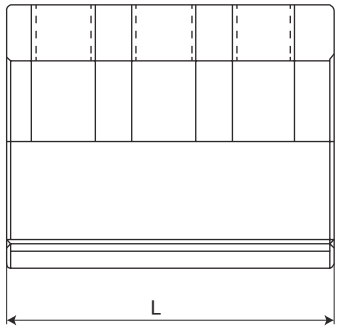
刀柄配件系列 HOLDER ACCESSORIES

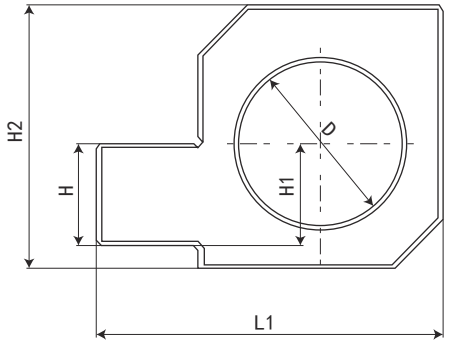
车床辅助刀座 AUXILIARY TOOL HOLDER OF LATHE

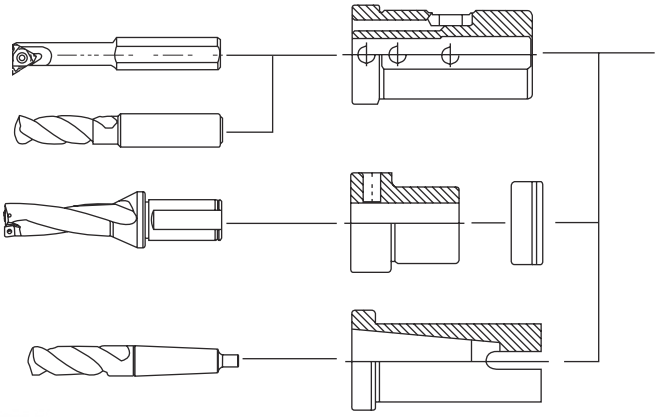


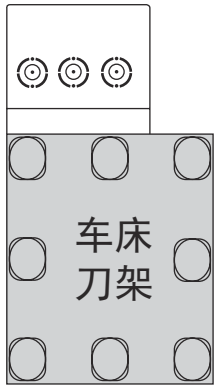








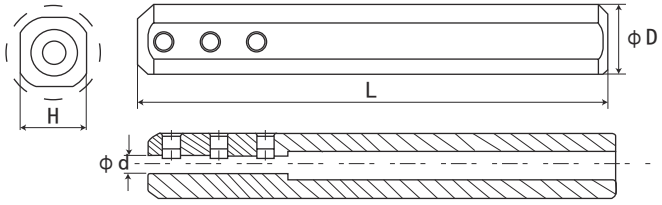




型号	H	H1	H2	L	D
SBHA20-20	20	20	47	65	20
SBHA20-25	20	20	47	65	25
SBHA20-32	20	20	55	85	32
SBHA25-25	25	25	53	70	25
SBHA25-32	25	25	60	85	32
SBHA25-40	25	25	65	90	40
SBHA32-40	32	32	83	100	40
SBHA32-50	32	32	83	100	50
SBHA20-16	20		37	60	16
SBHA25-16	25		42	65	16

车床内孔车刀刀套（小径） LATHE TOOL HOLDER SLEEVE （SMALL DIAMETER）

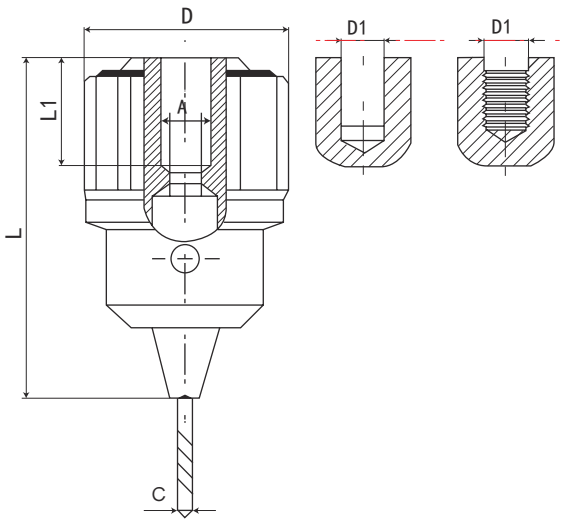




规格 / 型号 Model	d	D	H	L
D12	2 3 4 5 6	12	11	80
D16	2 3 4 5 6 7 8 10	16	15	100
D20	2 3 4 5 6 7 8 10 12	20	19	100
D22	2 3 4 5 6 7 8 10 12	22	21	100

扳手钻夹点 KEY TYPE DRILL CHUCK







P.T05

产品名称 Product name	型号 Model	规格 Specifications	夹持范围 Range	D	D1	L	L1	重量 KGS
B6 锥孔钻夹头	J214	B6-0.15-4mm	0.15-4	21.7	6.35	34.5	12.5	0.20
JT0 锥孔钻夹头	J224	JT0-0.15-4mm	0.15-4	21.7	6.35	34.5	12.5	0.20
B10 锥孔钻夹头	J216	B10-0.6-6mm	0.6-6	30	10.094	49	17.5	0.28
JT1 锥孔钻夹头	J226	JT1-0.6-6mm	0.6-6	30	9.754	49	19.2	0.28
B12 锥孔钻夹头	J2110	B12-1-10mm	1-10	43	12.065	69	22	0.34
JT2 锥孔钻夹头	J2210	JT2-1-10mm	1-10	43	14.199	69	26	0.34
1/2" 螺纹孔钻夹头	J3110A	1/2"-1-10mm	1-10	43	1/2"-20UNF	69	17.5	0.34
3/8" 螺纹孔钻夹头	J3110B	3/8"-1-10mm	1-10	43	3/8"-24UNF	69	16	0.34
M12 螺纹孔钻夹头	J3110	M12-1-10mm	1-10	43	M12×1.25	69	16	0.34
B16 锥孔钻夹头	J2113	B16-1-13mm	1-13	53	15.733	86	28	0.63
JT6 锥孔钻夹头	J2213	JT6-1-13mm	1-13	53	17.170	86	29	0.63
JT33 锥孔钻夹头	J2213A	JT33-1-13mm	1-13	53	15.850	86	29	0.63
JT3 锥孔钻夹头	J2213B	JT3-1-13mm	1-13	53	20.599	93	35	0.63
1/2" 螺纹孔钻夹头	J3113A	1/2"1-13mm	1-13	53	1/2"-20UNF	86	17.5	0.63
3/8" 螺纹孔钻夹头	J3113B	3/8"1-13mm	1-13	53	3/8"-24UNF	86	17.5	0.63
M12 螺纹孔钻夹头	J3113	M12-1-13mm	1-13	53	M12×1.25	86	16	0.63
B18 锥孔钻夹头	J2116B	B18-3-16mm	3-16	53	17.780	86	36	0.65
JT6 锥孔钻夹头	J2616A	JT6-3-16mm	3-16	53	17.170	86	29	0.65
1/2" 螺纹孔钻夹头	J3116A	1/2"3-16mm	3-16	53	1/2"-20UNF	86	17.5	0.65
5/8" 螺纹孔钻夹头	J3116B	5/8"3-16mm	3-16	53	5/8"-16UNF	86	19	0.65
B22 锥孔钻夹头	J2120	B22-5-20mm	5-20	65	21.793	107	45	1.4
JT3 锥孔钻夹头	J2220	JT3-5-20mm	5-20	65	20.599	107	35	1.4

特点：

◎适合中、重型钻削
◎应用于铣床、车床、钻床、木工机械
◎能够承受高速切削

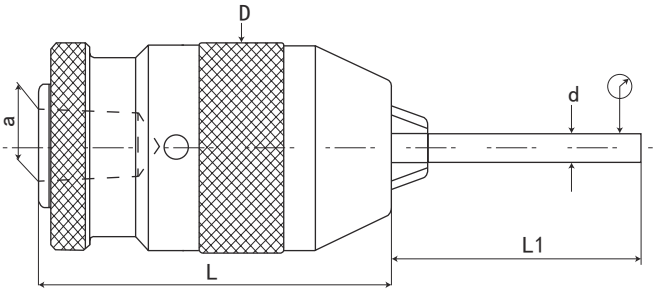
Features:

◎ Suitable for medium、heavy duty drilling use .
◎ For milling machine、lathe 、drilling machine、wood working machine.
◎ High speed drilling can be performed for possessing high griping power.

刀柄配件系列 HOLDER ACCESSORIES

锥孔自紧式钻夹头 KEYLESS DRILL CHUCK WITH TAPER MOUNTED





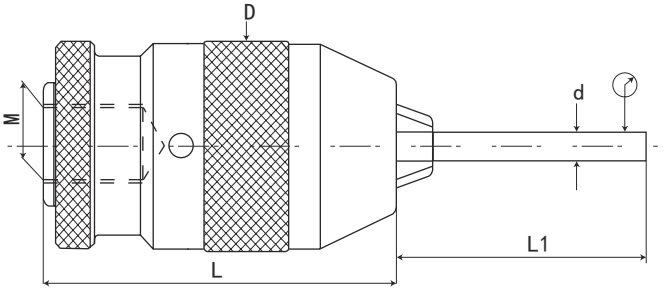

P.T05


P.J31

规格 / 型号 Model	夹持范围 Range	锥孔型号 Cone	a	D	L	L1	d	精度 Accuracy
0.5-6mm-B10	0.5-6mm	B10	10.094	35	61	40	5	⩽ 0.07
0.5-8mm-B12	0.5-8mm	B12	12.065	42	84	40	5	⩽ 0.07
1-10mm-B12	1-10mm	B12	12.065	42	84	40	5	⩽ 0.07
1-13mm-B16	1-13mm	B16	15.733	44	88	40	5	⩽ 0.07
1-16mm-B18	1-16mm	B18	17.780	50	98	40	5	⩽ 0.07
5-20mm-B22	5-20mm	B22	21.793	54	116	40	5	⩽ 0.07
1/64 " -1/4 " -JT1	1/64 " -1/4 "	JT1	9.754	34	61	40	5	⩽ 0.07
1/64 " -5/16 " -JT2	1/64 " -5/16 "	JT2	14.199	42	84	40	5	⩽ 0.07
1/32 " -3/8 " -JT2	1/32 " -3/8 "	JT2	14.199	44	84	40	5	⩽ 0.07
1/32 " -3/8 " -JT33	1/32 " -3/8 "	JT33	15.850	44	84	40	5	⩽ 0.07
1/32 " -1/2 " -JT33	1/32 " -1/2 "	JT33	15.850	49	88	40	5	⩽ 0.07
1/32 " -1/2 " -JT6	1/32 " -1/2 "	JT6	17.170	49	88	40	5	⩽ 0.07
1/8 " -5/8 " -JT6	1/8 " -5/8 "	JT6	17.170	54	98	40	5	⩽ 0.07
1/8 " -5/8 " -JT3	1/8 " -5/8 "	JT3	20.599	54	98	40	5	⩽ 0.07
3/16 " -3/4 " -JT3	3/16 " -3/4 "	JT3	20.599	60	116	40	5	⩽ 0.07

螺纹孔自紧式钻夹头 KEYLESS DRILL CHUCK WITH THREAD MOUNTED





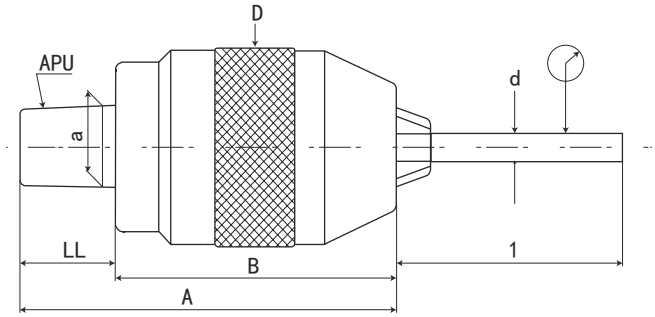

P.J31

规格 / 型号 Model	夹持范围 Range	M	D	L	L1	d	精度 Accuracy
0.5-6mm-M10*1.0P	0.5-8mm	M10*1.0P	34	61	40	5	⩽ 0.07
0.5-8mm-M10*1.0P	0.5-8mm	M10*1.0P	40	80	40	5	⩽ 0.07
0.5-8mm-M12*1.25P	0.5-8mm	M12*1.25P	40	80	40	5	⩽ 0.07
1-10mm-M10*1.0P	1-10mm	M10*1.0P	42	86	40	5	⩽ 0.07
1-10mm-M12*1.25P	1-10mm	M12*1.25P	42	86	40	5	⩽ 0.07
1-13mm-M10*1.0P	1-13mm	M10*1.0P	44	97	40	5	⩽ 0.07
1-13mm-M12*1.25P	1-13mm	M12*1.25P	44	97	40	5	⩽ 0.07
1-16mm-M12*1.25P	1-16mm	M12*1.25P	48	107	40	5	⩽ 0.07
1-16mm-M16*1.5P	1-16mm	M16*1.5P	48	107	40	5	⩽ 0.07
1/64 " -1/4 " -3/8 " -24UNF	1/64 " -1/4 "	3/8 " -24UNF	34	61	40	5	⩽ 0.07
1/64 " -5/16 " -3/8 " -24UNF	1/64 " -5/16 "	3/8 " -24UNF	40	80	40	5	⩽ 0.07
1/64 " -5/16 " -1/2 " -20UNF	1/64 " -5/16 "	1/2 " -20UNF	40	80	40	5	⩽ 0.07
1/32 " -3/8 " -3/8 " -24UNF	1/32 " -3/8 "	3/8 " -24UNF	42	86	40	5	⩽ 0.07
1/32 " -3/8 " -1/2 " -20UNF	1/32 " -3/8 "	1/2 " -20UNF	42	86	40	5	⩽ 0.07
1/32 " -1/2 " -3/8 " -24UNF	1/32 " -1/2 "	3/8 " -24UNF	44	97	40	5	⩽ 0.07
1/32 " -1/2 " -1/2 " -20UNF	1/32 " -1/2 "	1/2 " -20UNF	44	97	40	5	⩽ 0.07
1/8 " -5/8 " -1/2 " -20UNF	1/8 " -5/8 "	1/2 " -20UNF	48	107	40	5	⩽ 0.07
1/8 " -5/8 " -5/8 " -16UNF	1/8 " -5/8 "	5/8 " -16UNF	48	107	40	5	⩽ 0.07

APU 短锥自紧式钻夹头　APU SHORT CONE KEYLESS DRILL CHUCK



P.J31

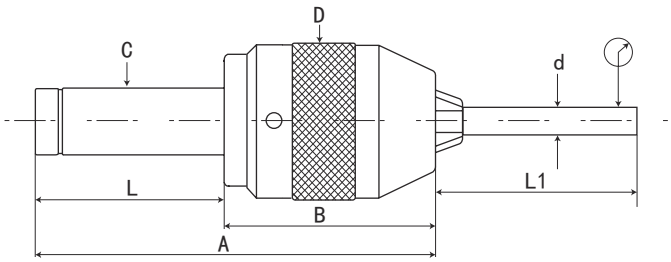


规格 / 型号 Model	夹持范围 Range	短锥型号（APU）	a	D	A	B	L	L1	d	精度 Accuracy	重量 KGS
APU08	0-8mm	B18	17.780	36	86	62	24	40	5	⩽ 0.07	0.45
APU10	1-10mm	B18	17.780	43	102	78	24	40	5	⩽ 0.07	0.55
APU13	1-13mm	B24	23.825	50	105	80	25	40	5	⩽ 0.07	0.9
APU16	1-16mm	B24	23.825	54	116	91	25	40	5	⩽ 0.07	1.25

C-APU 直柄一体式自紧钻夹头　C-APU STRAIGHT SHANK KEYLESS DRILL CHUCK



P.J31

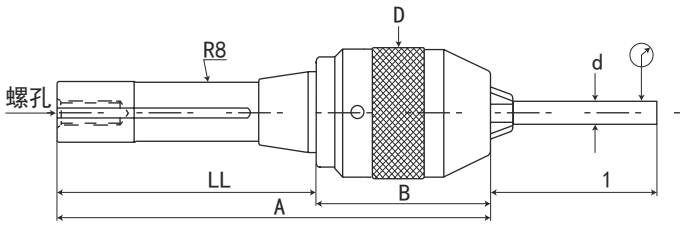


规格 / 型号 Model	夹持范围 Range	直柄型号（C）	A	B	L	L1	D	d	精度 Accuracy	重量 KGS
C20-APU13	1-13mm	C20	138	78	60	40	49	5	⩽ 0.07	0.95
C20-APU16	1-16mm	C20	145	85	60	40	55	5	⩽ 0.07	1.2
C25-APU13	1-13mm	C25	158	78	80	40	49	5	⩽ 0.07	1.15
C25-APU16	1-16mm	C25	165	85	80	40	55	5	⩽ 0.07	1.35
C32-APU13	1-13mm	C32	165	85	80	40	55	5	⩽ 0.07	1.55
C32-APU16	1-16mm	C32	165	85	80	40	55	5	⩽ 0.07	1.55

R8-APU 一体式自紧钻夹头　R8-APU KEYLESS DRILL CHUCK



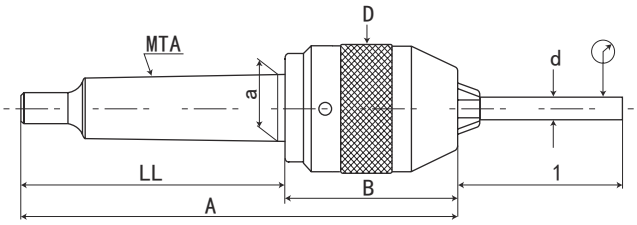
P.J31



规格 / 型号 Model	夹持范围 Range	锥柄型号（R8）	A	B	L	L1	D	d	螺孔 Screw	精度 Accuracy	重量 KGS
R8-APU13-M12*1.75P	1-13mm	R8	188	85	103	40	55	5	M12	⩽ 0.07	1.45
R8-APU16-M12*1.75P	1-16mm	R8	188	85	103	40	55	5	M12	⩽ 0.07	1.45
R8-APU13-7/16-20	1-13mm	R8	188	85	103	40	55	5	7/16	⩽ 0.07	1.45
R8-APU16-7/16-20	1-16mm	R8	188	85	103	40	55	5	7/16	⩽ 0.07	1.45

MTA-APU 莫氏带扁尾一体式自紧钻夹头 MTA-APU MORSE TAPER KEYLESS DRILL CHUCK





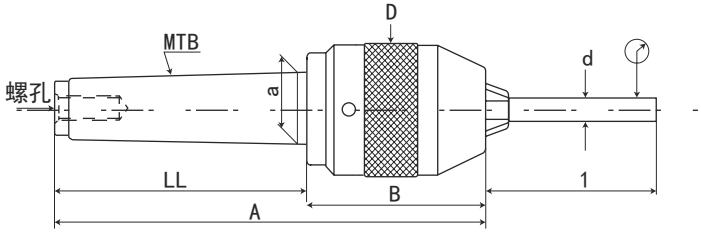


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规格 / 型号 Model	夹持范围 Range	锥柄型号（MTA）	a	A	B	L	L1	D	d	精度 Accuracy	重量 KGS
MTA2-APU10	1-10mm	MTA2	17.780	159	80	79	40	41	5	≤ 0.07	0.8
MTA2-APU13	1-13mm	MTA2	17.780	158	78	79	40	49	5	≤ 0.07	0.9
MTA2-APU16	1-16mm	MTA2	17.780	164	85	79	40	55	5	≤ 0.07	1.15
MTA3-APU10	1-10mm	MTA3	23.825	178	80	98	40	41	5	≤ 0.07	0.9
MTA3-APU13	1-13mm	MTA3	23.825	183	85	98	40	55	5	≤ 0.07	1.35
MTA3-APU16	1-16mm	MTA3	23.825	183	85	98	40	55	5	≤ 0.07	1.35
MTA4-APU10	1-10mm	MTA4	31.267	204	80	124	40	41	5	≤ 0.07	1.55
MTA4-APU13	1-13mm	MTA4	31.267	209	85	124	40	55	5	≤ 0.07	1.65
MTA4-APU16	1-16mm	MTA4	31.267	209	85	124	40	55	5	≤ 0.07	1.65

MTB-APU 莫氏后拉式一体式自紧钻夹头 MTB-APU MORSE TAPER KEYLESS DRILL CHUCK







P.J31

规格 / 型号 Model	夹持范围 Range	锥柄型号（MTB）	a	A	B	L	L1	D	d	螺孔 Screw	精度 Accuracy	重量 KGS
MTB2-APU10	1-10mm	MTB2	17.780	149	80	69	40	41	5	M10	≤ 0.07	0.8
MTB2-APU13	1-13mm	MTB2	17.780	147	78	69	40	49	5	M10	≤ 0.07	0.9
MTB2-APU16	1-16mm	MTB2	17.780	154	85	69	40	55	5	M10	≤ 0.07	1.15
MTB3-APU10	1-10mm	MTB3	23.825	166	80	86	40	41	5	M12	≤ 0.07	0.9
MTB3-APU13	1-13mm	MTB3	23.825	171	85	86	40	55	5	M12	≤ 0.07	1.3
MTB3-APU16	1-16mm	MTB3	23.825	171	85	86	40	55	5	M12	≤ 0.07	1.35
MTB4-APU10	1-10mm	MTB4	31.267	188	80	108	40	41	5	M14	≤ 0.07	1.55
MTB4-APU13	1-13mm	MTB4	31.267	193	85	108	40	55	5	M14	≤ 0.07	1.6
MTB4-APU16	1-16mm	MTB4	31.267	193	85	108	40	55	5	M14	≤ 0.07	1.6

镗孔刀具系列
BORING TOOL SERIES



镗孔刀具系列
BORING TOOL SERIES

镗孔刀具系列
BORING TOOL SERIES

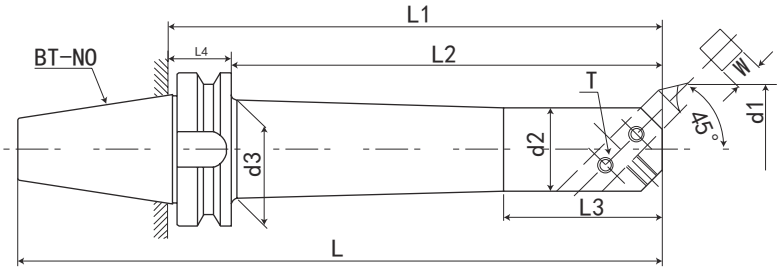


镗孔刀具系列
BORING TOOL SERIES

BT-BSA 45°粗镗刀杆（盲孔）

BT-BSA 45° DEGREE SLANT-INSERTED TYPE ROUGH BORING HOLDERS





P.K04

P.J29

规格 / 型号 Model	d1		d2	d3	L	L1	L2	L3	L4	W 方孔	T 螺孔	重量 KGS
	最小加工孔 Min	最大加工孔 Max										
BT40-BSA25-120L	25	38	20	22	185.4	120	93	35	27	8	M6	1.2
BT40-BSA30-150L	30	42	24	26	215.4	150	123	40	27	8	M6	1.4
BT40-BSA38-165L	38	52	30	33	230.4	165	138	50	27	10	M8	1.7
BT40-BSA42-165L	42	56	34	37	230.4	165	138	50	27	10	M8	2
BT40-BSA50-165L	50	65	40	44	230.4	165	138	65	27	13	M8	2.3
BT40-BSA62-180L	62	90	50	56	245.4	180	153	80	27	16	M10	2.4
BT40-BSA72-180L	72	110	60	-	245.4	180	153	95	27	19	M10	3.9
BT40-BSA90-180L	90	125	75	-	245.4	180	153	110	27	19	M10	5.2
规格 / 型号 Model	d1		d2	d3	L	L1	L2	L3	L4	W 方孔	T 螺孔	重量 KGS
	最小加工孔 Min	最大加工孔 Max										
BT50-BSA25-135L	25	38	20	22	236.8	135	97	35	38	8	M6	4.2
BT50-BSA25-185L	25	38	20	22	286.8	185	147	35	38	8	M6	4.4
BT50-BSA30-165L	30	42	24	26	266.8	165	127	40	38	8	M6	4.4
BT50-BSA38-180L	38	52	30	33	281.8	180	142	50	38	10	M8	4.8
BT50-BSA38-240L	38	52	30	33	341.8	240	202	50	38	10	M8	5
BT50-BSA42-210L	42	56	34	37	311.8	210	172	60	38	10	M8	5
BT50-BSA50-180L	50	65	40	44	281.8	180	142	65	38	13	M10	5.4
BT50-BSA50-240L	50	65	40	44	341.8	240	202	65	38	13	M10	5.7
BT50-BSA50-300L	50	65	40	44	401.8	300	262	65	38	13	M10	6
BT50-BSA62-195L	62	90	50	56	296.8	195	157	80	38	16	M10	6.2
BT50-BSA62-270L	62	90	50	56	371.8	270	232	80	38	16	M10	7.6
BT50-BSA62-350L	62	90	50	56	451.8	350	312	80	38	16	M10	9
BT50-BSA62-400L	62	90	50	56	501.8	400	362	80	38	16	M10	10.4
BT50-BSA72-195L	72	110	60	66	296.8	195	157	95	38	19	M10	7
BT50-BSA72-285L	72	110	60	66	386.8	285	247	95	38	19	M10	9.2
BT50-BSA72-350L	72	110	60	66	451.8	350	312	95	38	19	M10	10.8
BT50-BSA72-400L	72	110	60	66	501.8	400	362	95	38	19	M10	12.4
BT50-BSA90-210L	90	125	75	80	311.8	210	172	110	38	19	M12	9.3
BT50-BSA90-300L	90	125	75	80	401.8	300	262	110	38	19	M12	12.3
BT50-BSA90-350L	90	125	75	80	451.8	350	312	110	38	19	M12	15.3
BT50-BSA105-195L	105	160	90	-	296.8	195	157	-	38	25	M12	10.7
BT50-BSA105-285L	105	160	90	94	386.8	285	247	130	38	25	M12	15
BT50-BSA105-300L	105	160	90	94	401.8	300	262	130	38	25	M12	13.2
BT50-BSA130-255L	130	190	110	-	356.8	255	217	120	38	25	M12	14.5
BT50-BSA130-300L	130	190	110	-	401.8	300	262	120	38	25	M12	18.5

特点：

注：

◎适用于孔径凹凸不平，毛胚粗糙之加工物

◎可选用四角形焊刃刀具或舍弃式刀具

◎镗盲孔专用

◎拉钉及镗刀头须另购

Features:

◎ Suitable for processing uneven aperture and rough wool embryo.

◎ Selects the four square brazed or throw away cutting tool.

◎ Particularly suitable for boring blind holes.

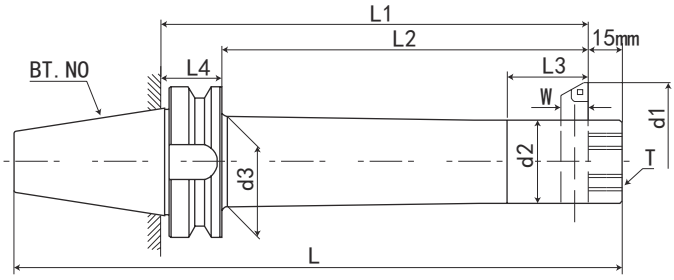
◎ The pull stud must purchase alone.



镗孔刀具系列 BORING HEAD

BT-BSB 90°粗镗刀杆（通孔） BT-BSB 90° DEGREE SLANT-INSERTED TYPE ROUGH BORING HOLDERS





P.K04

P.J29

规格 / 型号 Model	d1		d2	d3	L	L1	L2	L3	L4	W 方孔	T 螺纹	重量 KGS
	最小加工孔 Min	最大加工孔 Max										
BT40-BSB25-120L	25	52	20	22	200.4	120	93	35	27	8	M6	1.2
BT40-BSB30-150L	30	57	25	27	230.4	150	123	40	27	8	M6	1.5
BT40-BSB38-165L	38	70	30	33	245.4	165	138	55	27	10	M8	1.7
BT40-BSB42-165L	42	74	34	37	245.4	165	138	55	27	10	M8	2
BT40-BSB50-165L	50	90	40	44	245.4	165	138	55	27	13	M10	2.5
BT40-BSB62-180L	62	115	50	56	260.4	180	153	80	27	16	M10	3.6
BT40-BSB72-180L	72	125	60	66	260.4	180	153	80	27	19	M12	4.6
BT40-BSB90-180L	90	150	75	-	260.4	180	153	115	27	19	M12	5.9
规格 / 型号 Model	d1		d2	d3	L	L1	L2	L3	L4	W 方孔	T 螺纹	重量 KGS
	最小加工孔 Min	最大加工孔 Max										
BT50-BSB25-135L	25	52	20	22	251.8	135	97	35	38	8	M6	4.3
BT50-BSB25-185L	25	52	20	22	301.8	185	147	35	38	8	M6	4.4
BT50-BSB30-165L	30	42	24	26	281.8	165	127	40	38	8	M6	4.2
BT50-BSB38-180L	38	70	30	33	296.8	180	142	55	38	10	M8	4.9
BT50-BSB38-240L	38	70	30	33	356.8	240	202	55	38	10	M8	5.2
BT50-BSB42-210L	42	56	34	37	326.8	210	172	60	38	10	M8	5.0
BT50-BSB50-180L	50	90	40	44	296.8	180	142	70	38	13	M10	5.5
BT50-BSB50-240L	50	90	40	44	356.8	240	202	70	38	13	M10	6.1
BT50-BSB50-300L	50	90	40	44	416.8	300	262	70	38	13	M10	6.7
BT50-BSB62-195L	62	115	50	56	311.8	195	157	80	38	16	M10	6.4
BT50-BSB62-270L	62	115	50	56	386.8	270	232	80	38	16	M10	7.8
BT50-BSB62-350L	62	115	50	56	466.8	350	312	80	38	16	M10	8.8
BT50-BSB62-400L	62	115	50	56	516.8	400	362	80	38	16	M10	10.2
BT50-BSB72-195L	72	135	60	66	311.8	195	157	95	38	19	M12	7.3
BT50-BSB72-285L	72	135	60	66	401.8	285	247	95	38	19	M12	9.6
BT50-BSB72-350L	72	135	60	66	466.8	350	312	95	38	19	M12	11.6
BT50-BSB72-400L	72	135	60	66	516.8	400	362	95	38	19	M12	13.6
BT50-BSB90-210L	90	150	75	80	326.8	210	172	115	38	19	M12	9.7
BT50-BSB90-300L	90	150	75	80	416.8	300	262	115	38	19	M12	12.8
BT50-BSB90-350L	90	150	75	80	466.8	350	312	115	38	19	M12	16
BT50-BSB105-195L	105	190	90	90	311.8	195	157	-	38	25	M12	11.4
BT50-BSB105-285L	105	190	90	94	401.8	285	247	135	38	25	M12	15.7
BT50-BSB105-300L	105	190	90	94	416.8	300	262	135	38	25	M12	17
BT50-BSB130-255L	130	260	110	-	371.8	255	217	60	38	25	M12	14.1
BT50-BSB130-300L	130	260	110	-	416.8	300	262	60	38	25	M12	18

特点：

注：

◎适用于孔径凹凸不平，毛胚粗糙之加工物

◎可选用四角形熔焊刀具或捨弃式刀具

◎镗通孔专用

◎拉钉及镗刀头须另购

Features:

◎ Suitable for processing uneven aperture and rough wool embryo.

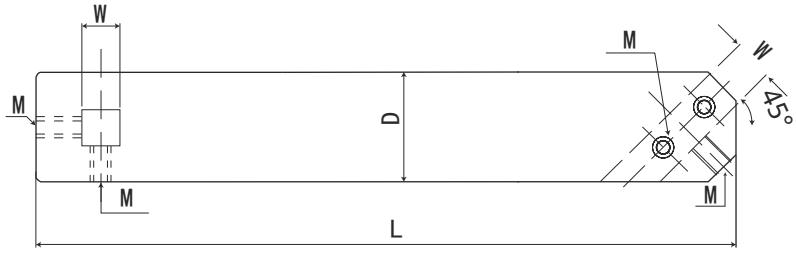
◎ Selects the four square brazed or throw away cutting tool.

◎ Suitable for boring through holes.

◎ The pull stud must purchase alone.

直柄镗刀杆（通孔 / 盲孔多用） STRAIGHT BORING HOLDER





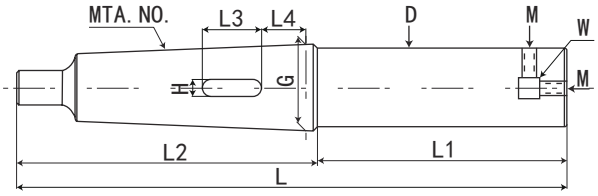




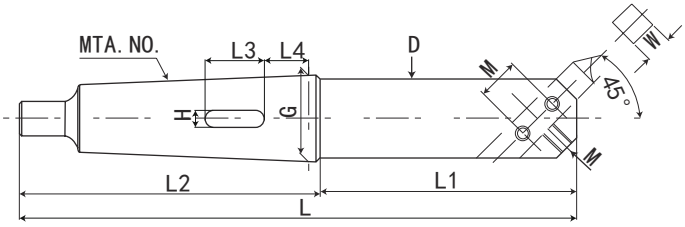
规格 / 型号 Model	ϕD 镗孔范围 Boring Range		L	D	侧边固定螺丝	镗孔角度	镗孔尺寸 W	重量 KGS
	Min.	Max.						
C16-BS150	18	28	150	16	M5×0.8P-5L	90° / 45°	6	0.24
C18-BS180	20	32	180	18	M5×0.8P-5L	90° / 45°	6	0.38
C20-BS200	22	36	200	20	M6×1.0P-6L	90° / 45°	8	0.50
C25-BS250	28	45	250	25	M6×1.0P-6L	90° / 45°	8	1.00
C32-BS300	36	58	300	32	M8×1.25P-10L	90° / 45°	10	1.88
C42-BS300	48	75	300	42	M10×1.5P-10L	90° / 45°	13	3.18

MTA 莫氏带扁尾粗镗刀杆 MTA TAPER ADAPTER(MORSE) STRAIGHT BORING HOLDER







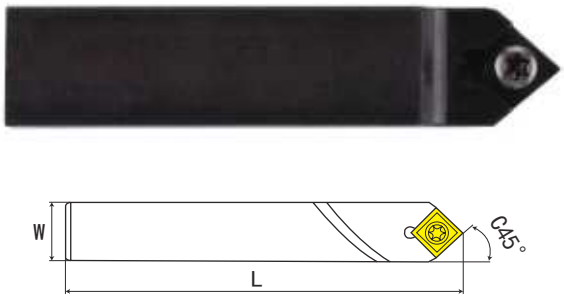


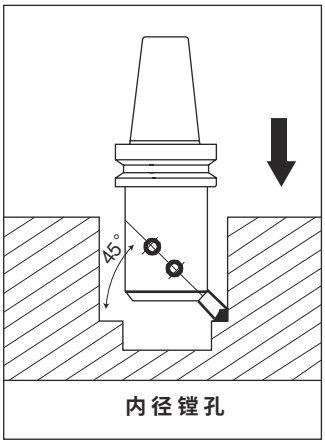
由于每个客户加工的孔径大小孔深都不一样，此款镗刀杆不备现货，需要根据客户的要求参考此图定做。客户只需告知 D 有效直径，L1 有效长度，W 方孔尺寸和锥柄型号即可。

规格 / 型号 Model	L	L1	L2	L3	L4	D	W	M	G
MTA3			99	-	-				23.825
MTA4			124	-	-				31.267
MTA5			156	40	35				44.399
MTA6			218	40	45				63.348
公制 80			228	45	55				80.00

镗孔刀具系列 BORING HEAD

BSA 镗刀头 BSA INTERCHANGEABLE BORING CUTTER





规格 / 型号 Model	刀方 W	长度 L	刀片 Insert	螺丝 Screw	扳手 Wrench	重量 KGS
BSA1	8*8	L35	CCMT060204	M2.5*6.0	T9	0.04
BSA2	10*10	L50	CCMT060204	M2.5*6.0	T9	0.06
BSA3	13*13	L60	CCMT09T308	M4*10.0	T15	0.12
BSA4	16*16	L75	CCMT09T308	M4*10.0	T15	0.27
BSA5	19*19	L95	CCMT120408	M5*12.0	T20	0.41
BSA6	25*25	L110	CCMT120408	M5*12.0	T20	0.75

特点:

注:

◎适用于 BSA 盲孔粗镗刀杆

◎ BSA 适合重切削加工

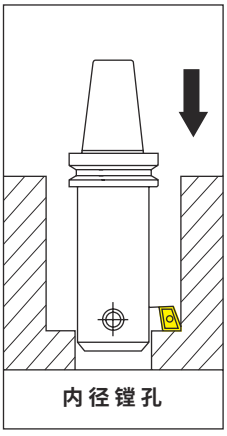
Features:

◎ Fit BSA BSB rough boring cutter and ABH precise one.

◎ BSA is fit heavy cutting processing.

BSB 镗刀头 BSB INTERCHANGEABLE BORING CUTTER





规格 / 型号 Model	刀方 W	长度 L	刀片 Insert	螺丝 Screw	扳手 Wrench	重量 KGS
BSB1	8*8	L35	CCMT060204	M2.5*6.0	T9	0.04
BSB2	10*10	L50	CCMT060204	M2.5*6.0	T9	0.06
BSB3	13*13	L60	CCMT09T308	M4*10.0	T15	0.12
BSB4	16*16	L75	CCMT09T308	M4*10.0	T15	0.27
BSB5	19*19	L95	CCMT120408	M5*12.0	T20	0.41
BSB6	25*25	L110	CCMT120408	M5*12.0	T20	0.75

特点:

注:

◎适用于 BSB 通孔粗镗刀杆

◎ BSB 适合重切削加工

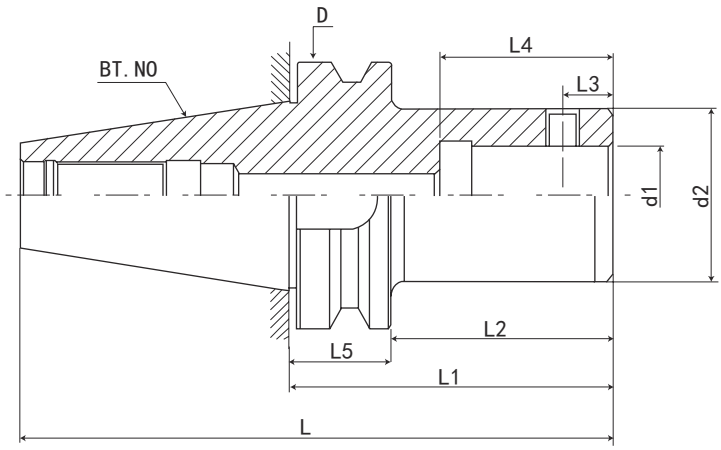
Features:

◎ Fit BSB rough boring cutter and ABH precise one.

◎ BSB is fit heavy cutting processing.

BT-LBK 镗头刀柄 BT-LBK BORING HEAD SHANK






P.J29


P.K39


P.J30

规格 / 型号 Model	L	L1	L2	L3	L4	L5	D	d2	d1	侧边螺丝 Screw	重量 KGS
BT30-LBK1-55L	103.4	55	33	5.05	30	22	46	19	11	M4*0.5P	0.7
BT30-LBK1-70L	118.4	70	48	5.05	30	22	46	19	11	M4*0.5P	0.7
BT30-LBK2-80L	128.4	80	58	6.62	31	22	46	24	14	M5*0.5P	0.8
BT30-LBK3-80L	128.4	80	58	8	35	22	46	31	18	M6*0.75P	0.9
BT30-LBK4-70L	118.4	70	48	10	39	22	46	39	22	M8*0.75P	1.0
BT30-LBK5-60L	108.4	60	38	13	45	22	46	50	28	M10*1.0P	1.1
BT30-LBK6-60L	108.4	60	38	16	55	22	46	63	36	M12*1.0P	1.2
规格 / 型号 Model	L	L1	L2	L3	L4	L5	D	d2	d1	侧边螺丝 Screw	重量 KGS
BT40-LBK1-75L	140.4	75	48	5.05	30	27	63	19	11	M4*0.5P	1
BT40-LBK1-105L	170.4	105	78	5.05	30	27	63	19	11	M4*0.5P	1.2
BT40-LBK2-85L	150.4	85	58	6.62	31	27	63	24	14	M5*0.5P	1.2
BT40-LBK2-115L	180.4	115	88	6.62	31	27	63	24	14	M5*0.5P	1.3
BT40-LBK3-95L	160.4	95	68	8	35	27	63	31	18	M6*0.75P	1.3
BT40-LBK3-125L	190.4	125	98	8	35	27	63	31	18	M6*0.75P	1.2
BT40-LBK3-155L	220.4	155	128	8	35	27	63	31	18	M6*0.75P	1.6
BT40-LBK3-185L	250.4	185	158	8	35	27	63	31	18	M6*0.75P	1.7
BT40-LBK4-85L	150.4	85	58	10	39	27	63	39	22	M8*0.75P	1.45
BT40-LBK4-130L	195.4	130	103	10	39	27	63	39	22	M8*0.75P	1.5
BT40-LBK4-175L	240.4	175	148	10	39	27	63	39	22	M8*0.75P	2.1
BT40-LBK4-205L	270.4	205	178	10	39	27	63	39	22	M8*0.75P	2.2
BT40-LBK4-250L	315.4	250	223	10	39	27	63	39	22	M8*0.75P	2.3
BT40-LBK5-75L	140.4	75	48	13	45	27	63	50	28	M10*1.0P	1.7
BT40-LBK5-125L	190.4	125	98	13	45	27	63	50	28	M10*1.0P	1.95
BT40-LBK5-175L	240.4	175	148	13	45	27	63	50	28	M10*1.0P	3
BT40-LBK5-205L	270.4	205	178	13	45	27	63	50	28	M10*1.0P	3.2
BT40-LBK5-250L	315.4	250	223	13	45	27	63	50	28	M10*1.0P	3.5
BT40-LBK6-65L	130.4	65	38	16	55	27	63	63	36	M12*1.0P	2.15
BT40-LBK6-115L	180.4	115	88	16	55	27	63	63	36	M12*1.0P	3.5
BT40-LBK6-165L	230.4	165	138	16	55	27	63	63	36	M12*1.0P	3.85
BT40-LBK6-205L	270.4	205	178	16	55	27	63	63	36	M12*1.0P	4.1

特点：

注：

◎内孔公差 H6

◎整支通孔，利于出水及抗震

◎可共用并互容于大多数“LBK" 系列

◎侧边锁固螺丝与键槽呈 90 度，确保镗孔切削完毕时的相对位置

◎锁固时请使用螺丝防卡油防止因镗孔加工扭力过大，导致螺丝卡死难以拆卸组装

◎拉钉须另行购买

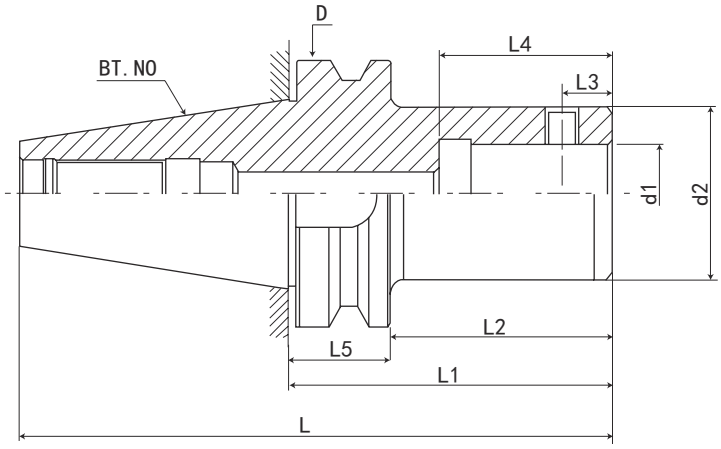
Features:

◎ Internal tolerance is H6.
◎ The entire through hole,favors the water leakage and quakeproof.
◎ May use in common and the mutual capacitance in majority "LBK"Series.
◎ The side locks the solid screw and the key slot assumes 90 degrees,guaranteed that time the boring cutting function draws back the knife phase.
◎ Because locks is solid when please do use the screw against card oil to prevent to process the torsion to be oversized boring ,Causes the screw deactivation to disassemble the assembly with difficulty.
◎ The pull stud must purchase alone.

镗孔刀具系列 BORING HEAD

BT50-LBK 镗头刀柄 BT50-LBK BORING HEAD SHANK






P.J29


P.K39

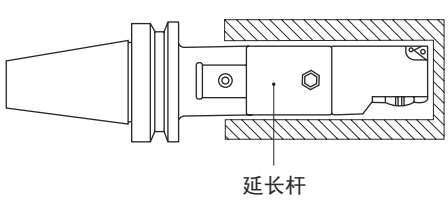

P.J30

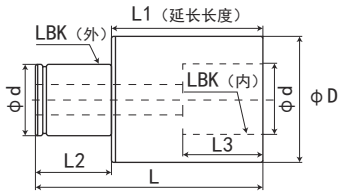
规格 / 型号 Model	L	L1	L2	L3	L4	L5	D	d2	d1	侧边螺丝 Screw	重量 KGS
BT50-LBK1-90L	191.8	90	52	5.05	30	38	100	19	11	M4*0.5P	3.7
BT50-LBK1-115L	216.8	115	77	5.05	30	38	100	19	11	M4*0.5P	3.9
BT50-LBK1-145L	246.8	145	107	5.05	30	38	100	19	11	M4*0.5P	4.4
BT50-LBK1-175L	276.8	175	137	5.05	30	38	100	19	11	M4*0.5P	4.5
BT50-LBK2-90L	191.8	90	52	6.62	31	38	100	24	14	M5*0.5P	3.8
BT50-LBK2-110L	211.8	110	72	6.62	31	38	100	24	14	M5*0.5P	4
BT50-LBK2-140L	241.8	140	102	6.62	31	38	100	24	14	M5*0.5P	5
BT50-LBK2-175L	276.8	175	137	6.62	31	38	100	24	14	M5*0.5P	4.2
BT50-LBK3-90L	191.8	90	52	8	35	38	100	31	18	M6*0.75P	4.4
BT50-LBK3-125L	226.8	125	87	8	35	38	100	31	18	M6*0.75P	4.4
BT50-LBK3-155L	256.8	155	117	8	35	38	100	31	18	M6*0.75P	4.6
BT50-LBK3-185L	286.8	185	147	8	35	38	100	31	18	M6*0.75P	4.4
BT50-LBK3-215L	316.8	215	177	8	35	38	100	31	18	M6*0.75P	4.65
BT50-LBK4-90L	191.8	90	52	10	39	38	100	39	22	M6*0.75P	4.6
BT50-LBK4-115L	216.8	115	77	10	39	38	100	39	22	M8*0.75P	4.8
BT50-LBK4-145L	246.8	145	107	10	39	38	100	39	22	M8*0.75P	5.2
BT50-LBK4-175L	276.8	175	137	10	39	38	100	39	22	M8*0.75P	4.6
BT50-LBK4-205L	306.8	205	167	10	39	38	100	39	22	M8*0.75P	4.85
BT50-LBK4-250L	351.8	250	212	10	39	38	100	39	22	M8*0.75P	5.2
BT50-LBK4-300L	401.8	300	262	10	39	38	100	39	22	M8*0.75P	5.5
BT50-LBK4-350L	451.8	350	312	10	39	38	100	39	22	M8*0.75P	5.8
BT50-LBK5-95L	196.8	95	57	13	45	38	100	50	28	M10*1.0P	5.4
BT50-LBK5-105L	206.8	105	67	13	45	38	100	50	28	M10*1.0P	5.5
BT50-LBK5-150L	251.8	150	112	13	45	38	100	50	28	M10*1.0P	6
BT50-LBK5-180L	281.8	180	142	13	45	38	100	50	28	M10*1.0P	6.2
BT50-LBK5-240L	341.8	240	202	13	45	38	100	50	28	M10*1.0P	6.4
BT50-LBK5-270L	371.8	270	232	13	45	38	100	50	28	M10*1.0P	6.7
BT50-LBK5-300L	401.8	300	262	13	45	38	100	50	28	M10*1.0P	7
BT50-LBK5-350L	451.8	350	312	13	45	38	100	50	28	M10*1.0P	7.3
BT50-LBK6-95L	196.8	95	57	16	55	38	100	63	36	M12*1.0P	5.9
BT50-LBK6-150L	251.8	150	112	16	55	38	100	63	36	M12*1.0P	6.5
BT50-LBK6-170L	271.8	170	132	16	55	38	100	63	36	M12*1.0P	6.3
BT50-LBK6-205L	306.8	205	167	16	55	38	100	63	36	M12*1.0P	6.9
BT50-LBK6-230L	331.8	230	192	16	55	38	100	63	36	M12*1.0P	7.45
BT50-LBK6-270L	371.8	270	232	16	55	38	100	63	36	M12*1.0P	8.2
BT50-LBK6-300L	401.8	300	262	16	55	38	100	63	36	M12*1.0P	9.5
BT50-LBK6-350L	451.8	350	312	16	55	38	100	63	36	M12*1.0P	10.8
BT50-LBK6-400L	501.8	400	362	16	55	38	100	63	36	M12*1.0P	11.8
BT50-LBK6-450L	551.8	450	412	16	55	38	100	63	36	M12*1.0P	12.8

LBK 等径镗刀延长杆 LBK EXTENSION CONSTANT DIAMETER

等径镗刀延长杆（镗孔深度不够 LBK 刀柄不够长时最佳选择）





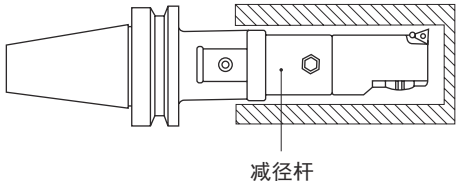


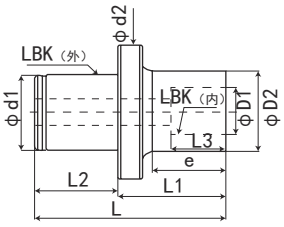
规格 / 型号 Model	LBK（外）	LBK（内）	ϕd	ϕD	L	L1	L2	L3	连接镗刀头型号 Applicable Boring Heads	侧边螺丝 Screw	重量 KGS
LBK1-1-30L	LBK1	LBK1	11	19	43	30	13	18	CBH20/RBH20	M4*0.5P	0.07
LBK1-1-100L	LBK1	LBK1	11	19	113	100	13	18	CBH20/RBH20	M4*0.5P	0.24
LBK2-2-30L	LBK2	LBK2	14	24	46	30	16	21	CBH25/RBH25	M5*0.5P	0.1
LBK2-2-100L	LBK2	LBK2	14	24	116	100	16	21	CBH25/RBH25	M5*0.5P	0.35
LBK2-2-150L	LBK2	LBK2	14	24	166	150	16	21	CBH25/RBH25	M5*0.5P	0.6
LBK3-3-30L	LBK3	LBK3	14	31	50	30	20	25	CBH32/RBH32	M6*0.75P	0.15
LBK3-3-100L	LBK3	LBK3	18	31	120	100	20	25	CBH32/RBH32	M6*0.75P	0.52
LBK3-3-150L	LBK3	LBK3	18	31	170	150	20	25	CBH32/RBH32	M6*0.75P	0.9
LBK4-4-45L	LBK4	LBK4	22	39	69	45	24	29	CBH40/RBH40	M8*0.75P	0.4
LBK4-4-100L	LBK4	LBK4	22	39	124	100	24	29	CBH40/RBH40	M8*0.75P	1.4
LBK4-4-150L	LBK4	LBK4	22	39	174	150	24	29	CBH40/RBH40	M8*0.75P	2.4
LBK5-5-60L	LBK5	LBK5	28	50	90	60	30	35	CBH52/RBH52	M10*1.0P	0.8
LBK5-5-100L	LBK5	LBK5	28	50	130	100	30	35	CBH52/RBH52	M10*1.0P	2.8
LBK5-5-150L	LBK5	LBK5	28	50	180	150	30	35	CBH52/RBH52	M10*1.0P	3.8
LBK6-6-60L	LBK6	LBK6	36	64	100	60	40	45	CBH68/CBH100/CBH150/RBH68/RBH90	M12*1.0P	1.4
LBK6-6-100L	LBK6	LBK6	36	64	140	100	40	45	CBH68/CBH100/CBH150/RBH68/RBH90	M12*1.0P	2.5
LBK6-6-150L	LBK16	LBK6	36	64	190	150	40	45	CBH68/CBH100/CBH150/RBH68/RBH90/NBJ16	M12*1.0P	3.4

LBK 异径镗刀延长杆 LBK EXTENSION REDUCING

异径镗刀延长杆（镗刀 LBK 刀柄要变换接口型号时最佳选择）





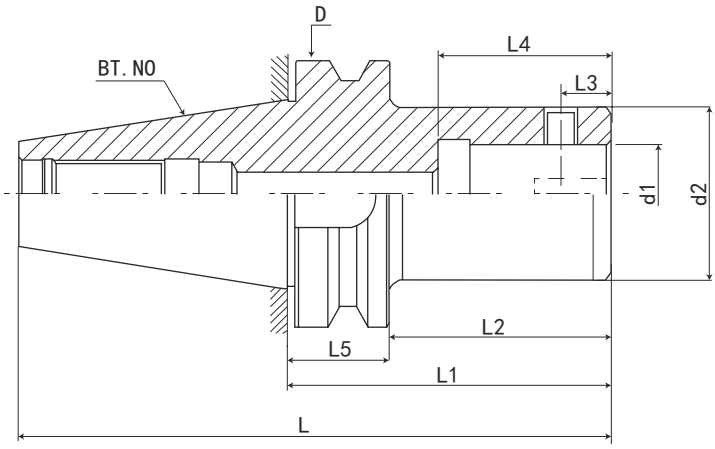


规格 / 型号 Model	LBK（外）	LBK（内）	ϕd1	ϕd2	ϕD1	ϕD2	L	L1	L2	L3	e	连接镗刀头型号 Applicable Boring Heads	侧边螺丝 Screw	重量 KGS
LBK2-1-36L	LBK2	LBK1	14	24	11	19	52	36	16	18	30	CBH20/RBH20	M4*0.5P	0.1
LBK3-1-41L	LBK3	LBK1	18	31	11	19	61	41	20	18	30	CBH20/RBH20	M4*0.5P	0.15
LBK3-2-37L	LBK3	LBK2	18	31	14	24	57	37	20	21	25	CBH25/RBH25	M5*0.5P	0.15
LBK4-1-58L	LBK4	LBK1	22	39	11	19	82	58	24	18	40	CBH20/RBH20	M4*0.5P	0.3
LBK4-2-50L	LBK4	LBK2	22	39	14	24	74	50	24	21	36	CBH25/RBH25	M5*0.5P	0.3
LBK4-3-50L	LBK4	LBK3	22	39	18	31	74	50	24	25	37	CBH32/RBH32	M6*0.75P	0.35
LBK5-1-60L	LBK5	LBK1	28	50	11	19	90	60	30	18	40	CBH20/RBH20	M4*0.5P	0.45
LBK5-2-54L	LBK5	LBK2	28	50	14	24	84	54	30	21	35	CBH25/RBH25	M5*0.5P	0.45
LBK5-2-74L	LBK5	LBK2	28	50	14	24	101	71	30	21	55	CBH25/RBH25	M5*0.5P	0.5
LBK5-3-4 7L	LBK5	LBK3	28	50	18	31	77	47	30	25	29	CBH32/RBH32	M6*0.75P	0.5
LBK5-3-72L	LBK5	LBK3	28	50	18	31	102	72	30	25	54	CBH32/RBH32	M6*0.75P	0.6
LBK5-4-42L	LBK5	LBK4	28	50	22	39	72	42	30	29	25	CBH40/RBH40	M8*0.75P	0.5
LBK5-4-67L	LBK5	LBK4	28	50	22	39	97	67	30	29	50	CBH40/RBH40	M8*0.75P	0.45
LBK6-1-70L	LBK6	LBK1	36	64	11	19	110	70	40	18	40	CBH20/RBH20	M4*0.5P	0.90
LBK6-2-63L	LBK6	LBK2	36	64	14	24	103	63	40	21	45	CBH25/RBH25	M5*0.5P	0.7
LBK6-2-93L	LBK6	LBK2	36	64	14	24	133	93	40	21	75	CBH25/RBH25	M5*0.5P	0.8
LBK6-3-56L	LBK6	LBK3	36	64	18	31	96	56	40	25	39	CBH32/RBH32	M6*0.75P	0.75
LBK6-3-96L	LBK6	LBK3	36	64	18	31	96	56	40	25	79	CBH32/RBH32	M6*0.75P	0.95
LBK6-4-51L	LBK6	LBK4	36	64	22	39	91	51	40	29	35	CBH40/RBH40	M8*0.75P	0.85
LBK6-4-101L	LBK6	LBK4	36	64	22	39	141	101	40	29	85	CBH40/RBH40	M8*0.75P	1.3
LBK6-5-41L	LBK6	LBK5	36	64	28	50	81	41	40	35	25	CBH52/RBH52	M10*1.0P	0.85
LBK6-5-91L	LBK6	LBK5	36	64	28	50	131	91	40	35	75	CBH52/RBH52	M10*1.0P	1.45
BST-LBK6	BST	LBK6	50	95	36	64	-	100	-	45	60	CBH68/CBH100/CBH150/RBH68/RBH90/NBJ16	M12*1.0P	3.32

镗孔刀具系列 BORING HEAD

BT30/40-CK 镗头刀柄 BT30/40-CK BORING HEAD SHANK






P.J29


P.K39


P.J30

规格 / 型号 Model	L	L1	L2	L3	L4	L5	D	d2	d1	侧边螺丝 Screw	重量 KGS
BT30-CK1-55L	103.4	55	33	5.05	30	22	46	19	11	M4*0.5P	0.7
BT30-CK1-70L	118.4	70	48	5.05	30	22	46	19	11	M4*0.5P	0.7
BT30-CK2-80L	128.4	80	58	6.62	31	22	46	24	14	M5*0.5P	0.8
BT30-CK3-80L	128.4	80	58	8	35	22	46	31	18	M6*0.75P	0.9
BT30-CK4-70L	118.4	70	48	10	39	22	46	39	22	M8*0.75P	1.0
BT30-CK5-60L	108.4	60	38	13	45	22	46	50	28	M10*1.0P	1.1
BT30-CK6-60L	108.4	60	38	16	55	22	46	63	36	M12*1.0P	1.2
规格 / 型号 Model	L	L1	L2	L3	L4	L5	D	d2	d1	侧边螺丝 Screw	重量 KGS
BT40-CK1-75L	140.4	75	48	5.05	30	27	63	19	11	M4*0.5P	1
BT40-CK1-105L	170.4	105	78	5.05	30	27	63	19	11	M4*0.5P	1.2
BT40-CK2-85L	150.4	85	58	6.62	31	27	63	24	14	M5*0.5P	1.2
BT40-CK2-115L	180.4	115	88	6.62	31	27	63	24	14	M5*0.5P	1.3
BT40-CK3-95L	160.4	95	68	8	35	27	63	31	18	M6*0.75P	1.3
BT40-CK3-125L	190.4	125	98	8	35	27	63	31	18	M6*0.75P	1.2
BT40-CK3-155L	220.4	155	128	8	35	27	63	31	18	M6*0.75P	1.6
BT40-CK3-185L	250.4	185	158	8	35	27	63	31	18	M6*0.75P	1.7
BT40-CK4-85L	150.4	85	58	10	39	27	63	39	22	M8*0.75P	1.45
BT40-CK4-130L	195.4	130	103	10	39	27	63	39	22	M8*0.75P	1.5
BT40-CK4-175L	240.4	175	148	10	39	27	63	39	22	M8*0.75P	2.1
BT40-CK4-205L	270.4	205	178	10	39	27	63	39	22	M8*0.75P	2.2
BT40-CK4-250L	315.4	250	223	10	39	27	63	39	22	M8*0.75P	2.3
BT40-CK5-75L	140.4	75	48	13	45	27	63	50	28	M10*1.0P	1.7
BT40-CK5-125L	190.4	125	98	13	45	27	63	50	28	M10*1.0P	1.95
BT40-CK5-175L	240.4	175	148	13	45	27	63	50	28	M10*1.0P	3
BT40-CK5-205L	270.4	205	178	13	45	27	63	50	28	M10*1.0P	3.2
BT40-CK5-250L	315.4	250	223	13	45	27	63	50	28	M10*1.0P	3.5
BT40-CK6-65L	130.4	65	38	16	55	27	63	63	36	M12*1.0P	2.15
BT40-CK6-115L	180.4	115	88	16	55	27	63	63	36	M12*1.0P	3.5
BT40-CK6-165L	230.4	165	138	16	55	27	63	63	36	M12*1.0P	3.85
BT40-CK6-205L	270.4	205	178	16	55	27	63	63	36	M12*1.0P	4.1

特点：

注：

◎内孔公差 H6

◎整支通孔，利于出水及抗震

◎可共用并互容于大多数“CK" 系列

◎侧边锁固螺丝与键槽呈 90 度，确保镗孔切削完毕时的相对位置

◎锁固时请使用螺丝防卡油防止因镗孔加工扭力过大，导致螺丝卡死难以拆卸组装

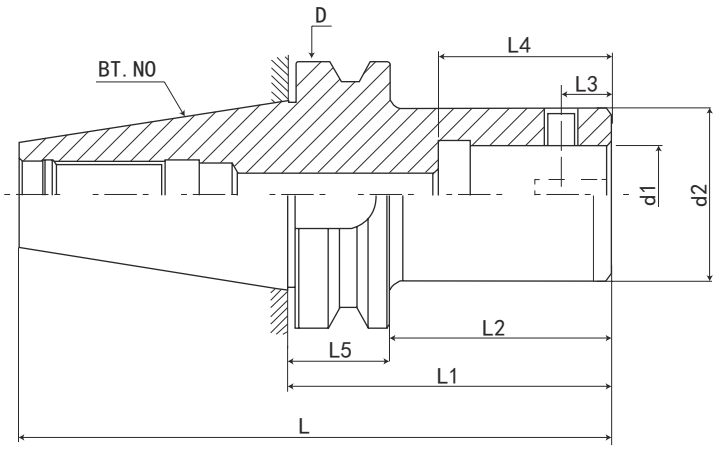
◎拉钉须另行购买

Features:

◎ Internal tolerance is H6.
◎ The entire through hole,favors the water leakage and quakeproof.
◎ May use in common and the mutual capacitance in majority "CK"Series.
◎ The side locks the solid screw and the key slot assumes 90 degrees,guaranteed that time the boring cutting function draws back the knife phase.
◎ Because locks is solid when please do use the screw against card oil to prevent to process the torsion to be oversized boring ,Causes the screw deactivation to disassemble the assembly with difficulty.
◎ The pull stud must purchase alone.

BT50-CK 镗头刀柄 BT50-CK BORING HEAD SHANK






P.J29


P.K39


P.J30

规格 / 型号 Model	L	L1	L2	L3	L4	L5	D	d2	d1	侧边螺丝 Screw	重量 KGS
BT50-CK1-90L	191.8	90	52	5.05	30	38	100	19	11	M4*0.5P	3.7
BT50-CK1-115L	216.8	115	77	5.05	30	38	100	19	11	M4*0.5P	3.9
BT50-CK1-145L	246.8	145	107	5.05	30	38	100	19	11	M4*0.5P	4.4
BT50-CK1-175L	276.8	175	137	5.05	30	38	100	19	11	M4*0.5P	4.5
BT50-CK2-90L	191.8	90	52	6.62	31	38	100	24	14	M5*0.5P	3.8
BT50-CK2-110L	211.8	110	72	6.62	31	38	100	24	14	M5*0.5P	4
BT50-CK2-140L	241.8	140	102	6.62	31	38	100	24	14	M5*0.5P	5
BT50-CK2-175L	276.8	175	137	6.62	31	38	100	24	14	M5*0.5P	4.2
BT50-CK3-90L	191.8	90	52	8	35	38	100	31	18	M6*0.75P	4.4
BT50-CK3-125L	226.8	125	87	8	35	38	100	31	18	M6*0.75P	4.4
BT50-CK3-155L	256.8	155	117	8	35	38	100	31	18	M6*0.75P	4.6
BT50-CK3-185L	286.8	185	147	8	35	38	100	31	18	M6*0.75P	4.4
BT50-CK3-215L	316.8	215	177	8	35	38	100	31	18	M6*0.75P	4.65
BT50-CK4-90L	191.8	90	52	10	39	38	100	39	22	M8 *0.75P	4.6
BT50-CK4-115L	216.8	115	77	10	39	38	100	39	22	M8*0.75P	4.8
BT50-CK4-145L	246.8	145	107	10	39	38	100	39	22	M8*0.75P	5.2
BT50-CK4-175L	276.8	175	137	10	39	38	100	39	22	M8*0.75P	4.6
BT50-CK4-205L	306.8	205	167	10	39	38	100	39	22	M8*0.75P	4.85
BT50-CK4-250L	351.8	250	212	10	39	38	100	39	22	M8*0.75P	5.2
BT50-CK4-300L	401.8	300	262	10	39	38	100	39	22	M8*0.75P	5.5
BT50-DCK4-350L	451.8	350	312	10	39	38	100	39	22	M8*0.75P	5.8
BT50-CK5-90L	191.8	90	52	13	45	38	100	50	28	M10*1.0P	5.4
BT50-CK5-105L	206.8	105	67	13	45	38	100	50	28	M10*1.0P	5.5
BT50-CK5-150L	251.8	150	112	13	45	38	100	50	28	M10*1.0P	6
BT50-CK5-180L	281.8	180	142	13	45	38	100	50	28	M10*1.0P	6.2
BT50-CK5-240L	341.8	240	202	13	45	38	100	50	28	M10*1.0P	6.4
BT50-CK5-270L	371.8	270	232	13	45	38	100	50	28	M10*1.0P	6.7
BT50-CK5-300L	401.8	300	262	13	45	38	100	50	28	M10*1.0P	7
BT50-CK5-350L	451.8	350	312	13	45	38	100	50	28	M10*1.0P	7.3
BT50-CK6-95L	196.8	95	57	16	55	38	100	63	36	M12*1.0P	5.9
BT50-CK6-150L	251.8	150	112	16	55	38	100	63	36	M12*1.0P	6.5
BT50-CK6-170L	271.8	170	132	16	55	38	100	63	36	M12*1.0P	6.3
BT50-CK6-205L	306.8	205	167	16	55	38	100	63	36	M12*1.0P	6.9
BT50-CK6-230L	331.8	230	192	16	55	38	100	63	36	M12*1.0P	7.45
BT50-CK6-270L	371.8	270	232	16	55	38	100	63	36	M12*1.0P	8.2
BT50-CK6-300L	401.8	300	262	16	55	38	100	63	36	M12*1.0P	9.5
BT50-CK6-350L	451.8	350	312	16	55	38	100	63	36	M12*1.0P	10.8
BT50-CK6-400L	501.8	400	362	16	55	38	100	63	36	M12*1.0P	9.5
BT50-CK6-450L	551.8	450	412	16	55	38	100	63	36	M12*1.0P	10.8

镗孔刀具系列 BORING HEAD

CK 等径延长杆 CK EXTENSION CONSTANT DIAMETER

等径镗刀延长杆（连接在基础柄和镗头之间，延长加工深度）

中心内冷

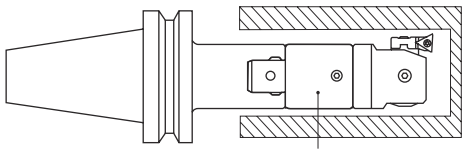


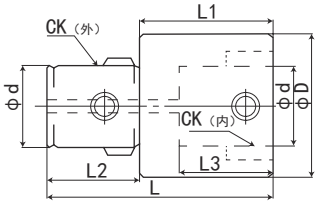
型号说明

CK11 20

20：延长的长度 L

CK11：CK1 与 CK1 连接





型号	CK（外）	CK（内）	ϕD	ϕd	L	L1	L2	L3	连接镗刀头型号 Applicable Boring Heads	侧边螺丝 Screw	质量（kg）
CK11-20L	1	1	19	11	33	20	13	18	EWN20	M4*0.5P	0.05
CK11-30L	1	1	19	11	43	30	13	18	EWN20	M4*0.5P	0.07
CK22-30L	2	2	24	14	46	30	16	21	EWN25/RW25/ABH25/CBH25	M5*0.5P	0.10
CK22-45L	2	2	24	14	61	45	16	21	EWN25/RW25/ABH25/CBH25	M5*0.5P	0.15
CK33-30L	3	3	31	18	50	30	20	25	EWN32/RW32/ABH32/CBH32	M6*0.75P	0.17
CK33-45L	3	3	31	18	65	45	20	25	EWN32/RW32/ABH32/CBH32	M6*0.75P	0.25
CK44-45L	4	4	39	22	69	45	24	29	EWN41/RW41/ABH40/CBH41	M8*0.75P	0.40
CK44-60L	4	4	39	22	84	60	24	29	EWN41/RW41/ABH40/CBH41	M8*0.75P	0.53
CK55-60L	5	5	50	28	90	60	30	35	EWN53/RW53/ABH50/CBH53	M10*1.0P	0.87
CK55-90L	5	5	50	28	120	90	30	35	EWN53/RW53/ABH50/CBH53	M10*1.0P	1.29
CK66-60L	6	6	64	36	100	60	40	45	EWN68/EWN100/RW68/RW100/ABH63/ABH80/CBH68/CBH100/CBH150	M12*1.0P	1.38
CK66-100L	6	6	64	36	140	100	40	45	EWN68/EWN100/RW68/RW100/ABH63/ABH80/CBH68/CBH100/CBH150	M12*1.0P	2.31
CK77-105L	7	7	90	-	-	105	-	-	EWN100	-	5.26

CK 异径延长杆（大接小） CK EXTENSION REDUCING

异径镗刀延长杆（减小基础柄的外径，安装较小镗头时使用）

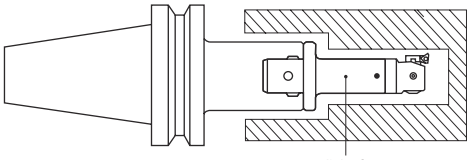


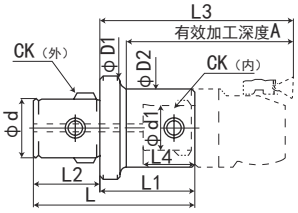
型号说明

CK21 55

55：有效加工深度 A

CK21：从 CK2 减为 CK1





型号	CK（外）	CK（内）	ϕD1	ϕD2	ϕd	ϕd1	L	L1	L2	L3	L4	A	连接镗刀头型号 Applicable Boring Heads	侧边螺丝 Screw	质量（kg）
CK21-55L	2	1	24	19	14	11	52	36	16	68.5	18	55	EWN20	M4*0.5P	0.10
CK31-60L	3	1	31	19	18	11	60.5	40.5	20	73	18	60	EWN20	M4*0.5P	0.14
CK32-60L	3	2	31	24	18	14	54.5	34.5	20	70	21	60	EWN25/RW25/ABH25/CBH25	M5*0.5P	0.16
CK41-75L	4	1	39	29	22	11	81.5	57.5	24	90	18	75	EWN20	M4*0.5P	0.25
CK42-75L	4	2	39	24	22	14	75.5	51.5	24	87	21	75	EWN25/RW25/ABH25/CBH25	M5*0.5P	0.28
CK43-75L	4	3	39	31	22	18	71	47	24	87	25	75	EWN32/RW32/ABH32/CBH32	M6*0.75P	0.32
CK51-70L	5	1	50	19	28	11	87.5	57.5	30	90	18	70	EWN20	M4*0.5P	0.38
CK52-70L	5	2	50	24	28	14	81.5	51.5	30	87	21	70	EWN25/RW25/ABH25/CBH25	M5*0.5P	0.40
CK52-100L	5	2	50	24	28	14	121.5	81.5	30	117	21	100	EWN25/RW25/ABH25/CBH25	M5*0.5P	0.51
CK53-70L	5	3	50	31	28	18	77	47	30	87	25	70	EWN32/RW32/ABH32/CBH32	M6*0.75P	0.54
CK53-100L	5	3	50	31	28	18	107	77	30	117	25	100	EWN32/RW32/ABH32/CBH32	M6*0.75P	0.64
CK54-70L	5	4	50	39	28	22	70	40	30	87	29	70	EWN41/RW41/ABH40/CBH41	M8*0.75P	0.47
CK54-100L	5	4	50	39	28	22	100	70	30	117	29	100	EWN41/RW41/ABH40/CBH41	M8*0.75P	0.82
CK61-65L	6	1	64	19	36	11	106.5	66.5	40	99	18	65	EWN20	M4*0.5P	0.84
CK62-80L	6	2	64	24	36	14	100.5	60.5	40	96	21	80	EWN25/RW25/ABH25/CBH25	M5*0.5P	0.69
CK62-115L	6	2	64	24	36	14	135.5	95.5	40	131	21	115	EWN25/RW25/ABH25/CBH25	M5*0.5P	0.98
CK63-80L	6	3	64	31	36	18	96	56	40	96	25	80	EWN32/RW32/ABH32/CBH32	M6*0.75P	0.75
CK63-115L	6	3	64	31	36	18	131	91	40	131	25	115	EWN32/RW32/ABH32/CBH32	M6*0.75P	1.12
CK64-80L	6	4	64	39	36	22	139	49	40	96	29	80	EWN41/RW41/ABH40/CBH41	M8*0.75P	0.80
CK64-115L	6	4	64	39	36	22	124	84	40	131	29	115	EWN41/RW41/ABH40/CBH41	M8*0.75P	1.28
CK65-80L	6	5	64	50	36	28	79	39	40	96	35	80	EWN53/RW53/ABH50/CBH53	M10*1.0P	0.92
CK65-115L	6	5	64	50	36	28	114	74	40	131	35	115	EWN53/RW53/ABH50/CBH53	M10*1.0P	1.33
CK76-160L	7	6	90	64	-	36	-	106	-	177	45	160	EWN68/EWN100/RW68/RW100/ABH63/ABH80/CBH68/CBH100/CBH150	M12*1.0P	3.1

SK/DAT-BST 镗孔组合刀柄 SK/DAT-BST BORING SYSTEM



FIG1
标准直柄

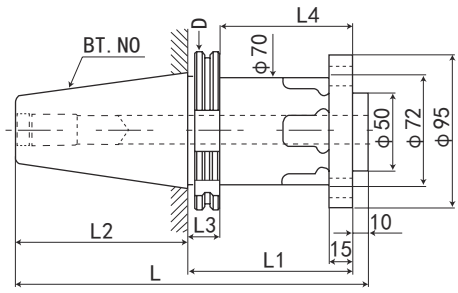
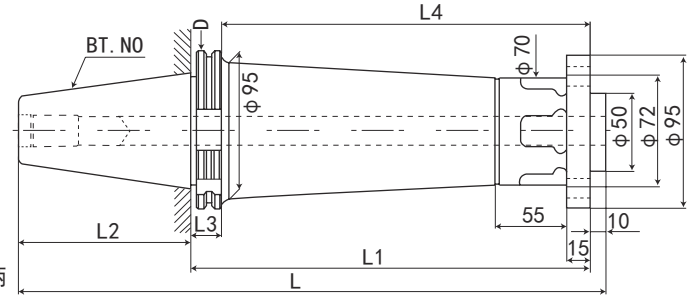


FIG2
加长锥度柄




P.J29


P.375


P.375

规格 / 型号 Model	L	L1	L2	L3	L4	SK/DAT.NO	FIG
SK40-BST-100L	178.4	100	68.4	19	81	SK/DAT40	FIG1
SK40-BST-150L	228.4	150	68.4	19	131	SK/DAT40	FIG1
SK40-BST-200L	278.4	200	68.4	19	181	SK/DAT40	FIG1
SK40-BST-250L	328.4	250	68.4	19	231	SK/DAT40	FIG1
SK40-BST-300L	378.4	300	65.4	19	281	SK/DAT40	FIG1
SK50-BST-100L	211.95	100	101.95	19	81	SK/DAT50	FIG1
SK50-BST-150L	261.95	150	101.95	19	131	SK/DAT50	FIG1
SK50-BST-200L	311.95	200	101.95	19	181	SK/DAT50	FIG1
SK50-BST-250L	361.95	250	101.95	19	231	SK/DAT50	FIG1
SK50-BST-300L	411.95	300	101.95	19	281	SK/DAT50	FIG2
SK50-BST-350L	461.95	350	101.95	19	331	SK/DAT50	FIG2
SK50-BST-400L	511.95	400	101.95	19	381	SK/DAT50	FIG2
SK50-BST-450L	561.95	450	101.95	19	431	SK/DAT50	FIG2
SK50-BST-500L	611.95	500	101.95	19	481	SK/DAT50	FIG2

特点：

注：

◎整支通孔，利于出水及抗震

◎非标可订制（400L/450L/500L/600L）

◎列表中的产品规格以库存实物为准

◎拉钉须另行购买

Features:

◎ The entire through hole,favors the water leakage and quakeproof.

◎ Can be made upon requested Dimensions

◎ The list of product's specifications reference to material object.

◎ The pull stud must purchase alone.

镗孔刀具系列 BORING HEAD

BT-BST 镗孔组合刀柄 BT-BST BORING SYSTEM





FIG1
标准直柄

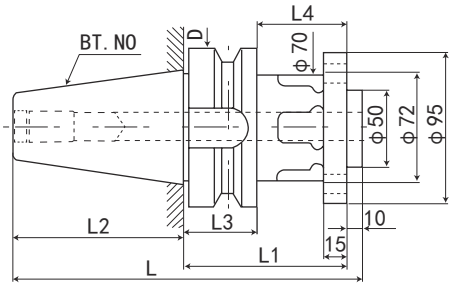
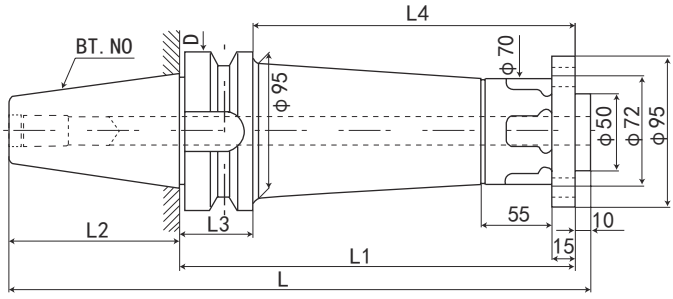


FIG2
加长锥度柄




P.292


P.375


P.375

规格 / 型号 Model	L	L1	L2	L3	L4	BT.NO	FIG
BT40-BST-100L	175.4	100	65.4	27	73	BT40	FIG1
BT40-BST-150L	225.4	150	65.4	27	123	BT40	FIG1
BT40-BST-200L	275.4	200	65.4	27	173	BT40	FIG1
BT40-BST-250L	325.4	250	65.4	27	223	BT40	FIG1
BT40-BST-300L	375.4	300	65.4	27	273	BT40	FIG1
BT50-BST-100L	211.8	100	101.8	38	62	BT50	FIG1
BT50-BST-150L	261.8	150	101.8	38	112	BT50	FIG1
BT50-BST-200L	311.8	200	101.8	38	162	BT50	FIG1
BT50-BST-250L	361.8	250	101.8	38	212	BT50	FIG1
BT50-BST-300L	411.8	300	101.8	38	262	BT50	FIG2
BT50-BST-350L	461.8	350	101.8	38	312	BT50	FIG2
BT50-BST-400L	511.8	400	101.8	38	362	BT50	FIG2
BT50-BST-450L	561.8	450	101.8	38	412	BT50	FIG2
BT50-BST-500L	611.8	500	101.8	38	462	BT50	FIG2

特点:

注:

◎整支通孔，利于出水及抗震

◎非标可订制（400L/450L/500L/600L)

◎列表中的产品规格以库存实物为准

◎拉钉须另行购买

Features:

◎ The entire through hole,favors the water leakage and quakeproof.

◎ Can be made upon requested Dimensions

◎ The list of product's specifications reference to material object.

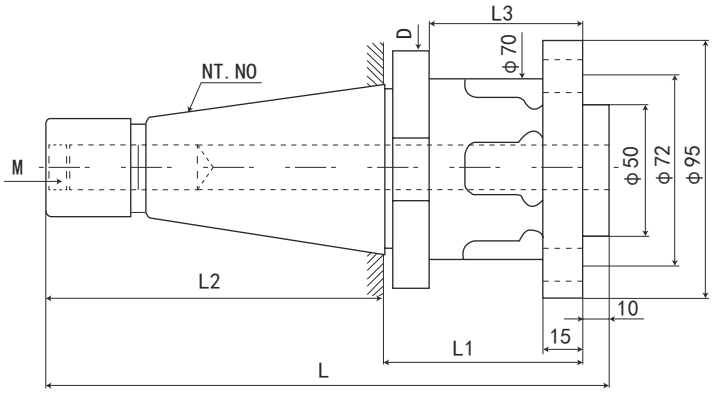
◎ The pull stud must purchase alone.

NT-BST 镗孔组合刀柄 NT-BST BORING SYSTEM





P.292



规格 / 型号 Model	NT.N0	L	L1	L2	L3	M	D	连接镗刀头型号 Applicable Boring Heads	重量 KGS
NT40-BST-100L	NT40	203.4	100	95	85	M12*1.75P	63	CBH150/200/300 以上 RBH120/160 以上	2.6
NT40-BST-150L	NT40	253.4	150	95	135	M12*1.75P	63	CBH150/200/300 以上 RBH120/160 以上	3.2
NT50-BST-100L	NT50	236.8	100	130	85	M24*3.0P	100	CBH150/200/300 以上 RBH120/160 以上	5.7
NT50-BST-150L	NT50	286.8	150	130	135	M24*3.0P	100	CBH150/200/300 以上 RBH120/160 以上	7.4
NT50-BST-200L	NT50	336.8	200	130	185	M24*3.0P	100	CBH150/200/300 以上 RBH120/160 以上	8.8

特点：

注：

◎整支通孔，利于出水及抗震

◎非标可订制（400L/450L/500L/600L)

◎列表中的产品规格以库存实物为准

Features:

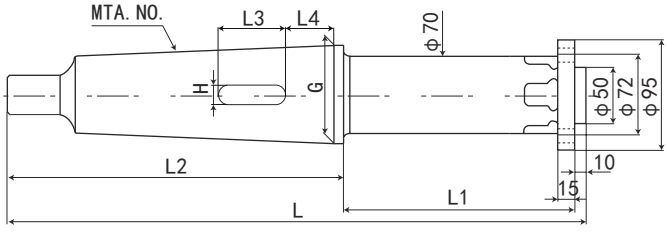
◎ The entire through hole,favors the water leakage and quakeproof.

◎ Can be made upon requested Dimensions

◎ The list of product's specifications reference to material object.

莫氏 MTA-BST 镗孔组合刀柄 MS MTA-BST BORING SYSTEM





规格 / 型号 Model	MTA.N0	L	L1	L2	L3	L4	H	G	连接镗刀头型号 Applicable Boring Heads
MTA5-BST-100L	MTA5	266	100	156	40	35	13	44.399	CBH150/200/300 以上 RBH120/160 以上
MTA5-BST-150L	MTA5	316	150	156	40	35	13	44.399	CBH150/200/300 以上 RBH120/160 以上
MTA5-BST-200L	MTA5	366	200	156	40	35	13	44.399	CBH150/200/300 以上 RBH120/160 以上
MTA6-BST-100L	MTA6	328	100	218	40	45	17	63.348	CBH150/200/300 以上 RBH120/160 以上
MTA6-BST-150L	MTA6	378	150	218	40	45	17	63.348	CBH150/200/300 以上 RBH120/160 以上
MTA6-BST-200L	MTA6	428	200	218	40	45	17	63.348	CBH150/200/300 以上 RBH120/160 以上
MTA6-BST-250L	MTA6	478	250	218	40	45	17	63.348	CBH150/200/300 以上 RBH120/160 以上
MTA6-BST-300L	MTA6	528	300	218	40	45	17	63.348	CBH150/200/300 以上 RBH120/160 以上
公制 80-BST-100L	公制 80	338	100	228	45	55	20	80.00	CBH150/200/300 以上 RBH120/160 以上
公制 80-BST-150L	公制 80	388	150	228	45	55	20	80.00	CBH150/200/300 以上 RBH120/160 以上
公制 80-BST-200L	公制 80	438	200	228	45	55	20	80.00	CBH150/200/300 以上 RBH120/160 以上
公制 80-BST-250L	公制 80	488	250	228	45	55	20	80.00	CBH150/200/300 以上 RBH120/160 以上
公制 80-BST-300L	公制 80	538	300	228	45	55	20	80.00	CBH150/200/300 以上 RBH120/160 以上
公制 80-BST-350L	公制 80	588	350	228	45	55	20	80.00	CBH150/200/300 以上 RBH120/160 以上
公制 80-BST-400L	公制 80	638	400	228	45	55	20	80.00	CBH150/200/300 以上 RBH120/160 以上

特点：

注：

◎非标可订制（400L/450L/500L/600L)

◎列表中的产品规格以库存实物为准

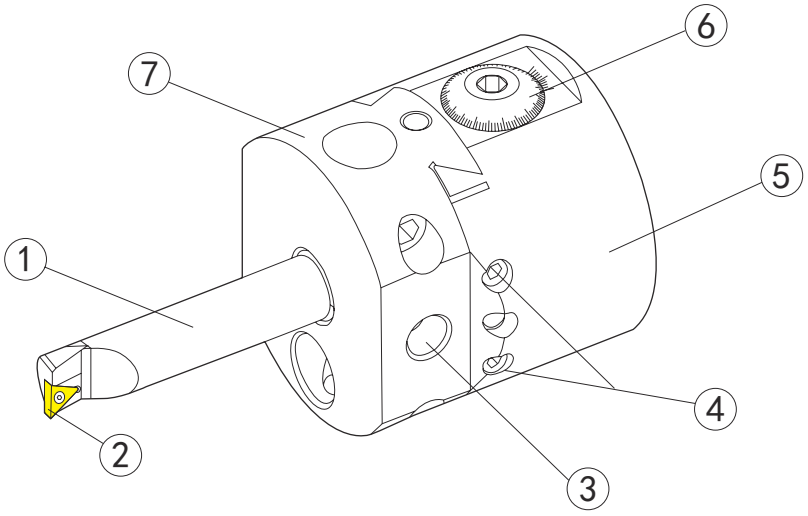
Features:

◎ Can be made upon requested Dimensions

◎ The list of product's specifications reference to material object.

NBH2084 产品主要部位名称 THE NAME OF THE MAIN PART OF PRODUCTS WITH NBH2084

1. NBH2084 boring bar
   NBH2084 刀杆
2. Insent
   刀片
3. Lock screw for boring bar
   刀杆固定螺丝
4. Lock screw for adjustment
   滑座固定螺丝
5. Body
   底座
6. Micro adjusting knob
   微调旋钮
7. Head slide
   头部滑座



使用顺序 /Sequence of Use

请参照图示，按下列顺序 1-6 顺序操作：
步骤一：在加工尺寸范围内固定好刀杆，用专用扳手旋紧螺丝稳固刀杆。
步骤二：松开燕尾槽固定螺丝 2 枚。
步骤三：按逆时针方向旋转调旋钮，使加工直径增大，调整旋钮刻度为 ϕ0.01mm。
步骤四：顺时针方向旋转时则使加工直径减小。
步骤五：调整尺寸加工时，请按同方向微调，以确保微调精度。
步骤六：微调至所需尺寸时，请以适当扭力锁紧镗头座体 2 枚 M8 螺丝，使滑座稳固在座体上。

Please operate the following step(1-6)according to the diagram figured;
Step1.Fixing the cutting tools in the processing size range,using special wrench to rotate the screws.
Step2.Loosening the swallowtail solid groove,fixing with two screws.
Step3.Rotating tune knob by anti-clockwise to increase the processing diameter,the graduate is ϕ0.01mm.
Step4.Rotating by clockwise will decrease the processing diameter.
Step5.When adjusting the size of processing,please fine-tuning by the same direction to ensure mirco adjustment Precision.
Step6.When meet the demanded size,please use the proper force to fasten two M8 screws of the boring then the slide can fixed to the block body.

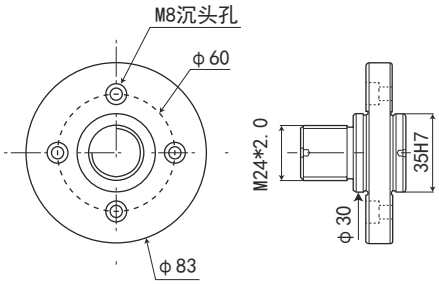
使用者注意事项 /Notices of The User

1. 请使用在加工范围内。
2、当滑座在已锁紧状态下，请勿旋转调整旋钮，否则会导致调整机构被破坏。
3. 滑座之固定，请使用专用扳手，固定座体与滑座配合 2 枚 M8 螺丝，过度锁紧会导致座体移位，过松会造成精度不良。
4、本产品是由精密螺丝、移动滑座旋转调整旋钮，在阻力很大或无法转动时，请停止调整，并确认以下事项：
①导向轴固定螺丝是否松开。
②是否超出调整范围。
③当过度旋转调整旋钮时，会导致调整螺杆与 T 型螺母卡死，以致滑座脱落，导致镗头精度被破坏。

1Using in the range of processing.
2Do not rotate the adjustment knob when the slide is tightly locked,or the adjusting mechanism will be destroyed.
3Please use special wrench to fix the slide with two M8 screws,too much force will be seat shift, on the contrary,there will be accuracy of non-performing.
4Our products use micro screws,mobile slide to rotate the adjusting knob. You should make sure the following notices and adjusting with great resistance or it can not move:
① Whether the guiding shaft of the fixed screw is loosened.
② Whether it is out of the adjustment range.
③ Too much force will make screw stem and T nut dead,thus the slide will come off to undermine precision.

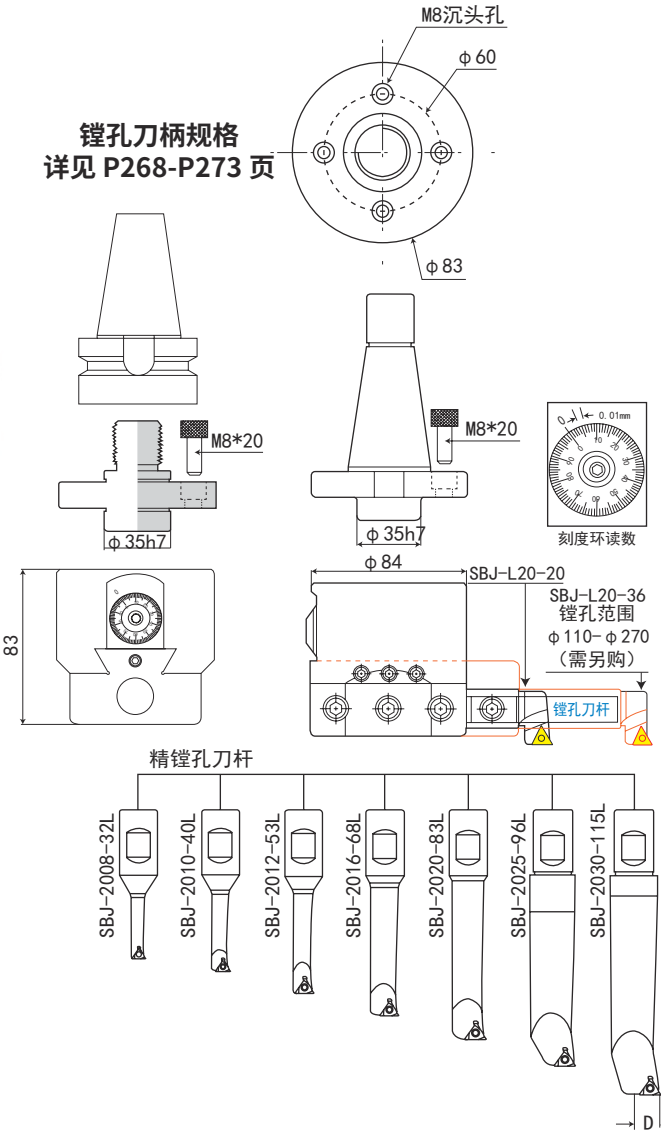
NBH2084 微调精镗头 NBH2084 FINE-TUNING BORING HEAD







镗孔刀柄规格
详见 P268-P273 页



型号 Cat.No	镗孔范围 Boring Range	调整精度 Tuning precision	调整行程 Stroke	重量 KGS
NBH2084	φ8-φ280	φ0.01mm/ 格	28.0mm	3.0

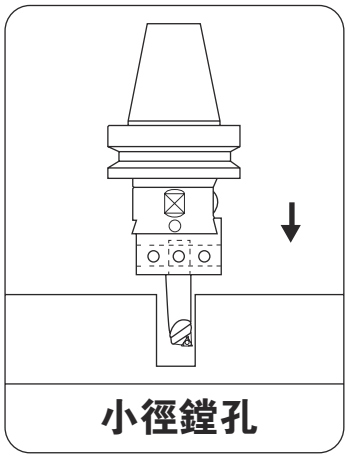
NBH2084 微调精镗头套装 NBH2084 FINE-TUNING BORING HEAD

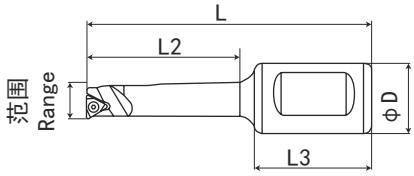
规格 / 型号 Model	镗孔范围 Boring Range	组合系统 - 主轴柄规格	重量 KGS
R8-NBH2084	08-280	R8-UNF7/16-20NBH2084	10.0
NT30-NBH2084	08-280	DIN2080 ISO30M12-NBH2084	8.0
NT40-NBH2084	08-280	DIN2080 ISO 40M-16-NBH2084	9.5
NT50-NBH2084	08-280	DIN2080 ISO50M24-NBH2084	10.8
BT30-NBH2084	08-280	MAS403 BT30-NBH2084	8.0
BT40-NBH2084	08-280	MAS403 BT40-NBH2084	9.5
BT50-NBH2084	08-280	MAS403 BT50-NBH2084	12.0
MTA3-NBH2084	08-280	MTA3-NBH2084	8.5
MTA4-NBH2084	08-280	MTA4-NBH2084	8.5
MTA5-NBH2084	08-280	MTA5-NBH2084	9.5
MTA6-NBH2084	08-280	MTA6-NBH2084	10.5
MTB3-NBH2084	08-280	MTB3-NBH2084	8.0
MTB4-NBH2084	08-280	MTB4-NBH2084	8.5
MTB5-NBH2084	08-280	MTB5-NBH2084	9.5

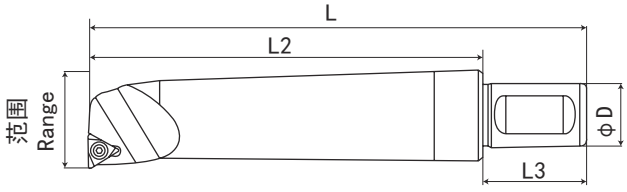
镗孔刀具系列 BORING HEAD

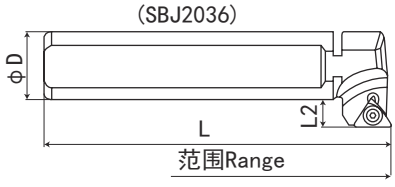
NBH2084 替换式镗孔刀杆 NBH2084 INTERCHANGEABLE BORING CUTTER











规格 / 型号 Model	尺寸 Size(mm)					刀片 Insert		螺丝 Screw	扳手 Wrench
	D	范围 Range	L	L2	L3				
SBJ2008-32L	20	8-11	80	32	32	5°	TBGT060102 TBGT060104	SB-1STR-M2*5.0	T6
SBJ2010-40L	20	10-13	87	40	32				
SBJ2012-53L	20	12-17	98	53	32		TPGH090202 TPGH090204	SB-2TR-M2.5*6.0	T8
SBJ2016-68L	20	16-21	110	68	32				
SBJ2020-83L	20	20-130	123	83	32		TPGH110302 TPGH110304	SB-3TR-M3*8.0	T10
SBJ2025-96L	20	25-135	137	96	32				
SBJ2030-115L	20	30-140	152	115	32				
SBJ20-20-100L	20	120-280	97	100	32				
SBJ2020-150L(加长)	20	20-130	190	150	32	11°			
SBJ2020-200L(加长)	20	20-130	240	200	32				
SBJ2025-150L(加长)	20	25-135	191	150	32				
SBJ2025-200L(加长)	20	25-135	241	200	32				
SBJ2030-150L(加长)	20	30-140	187	150	32				
SBJ2030-200L(加长)	20	30-140	237	200	32				
SBJ20-20-180L（加长）	20	120-280	177	180	32				

特点:

注:

◎本套产品属经济型精密镗刀

◎最小调节刻度为 ϕ0.01mm，半径 0.005mm

◎本镗孔器在位移量少时，其最高转速不超 1600чm 为宜

Features:

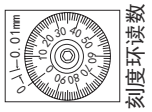
◎ NBH2084 is a small diameter boring system in which diameter size ranges from 8-280mm.

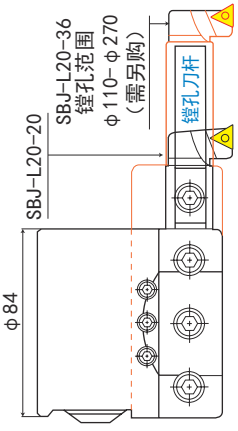
◎ The minimum dial is 0.001mm with semi diameter 0005mm.

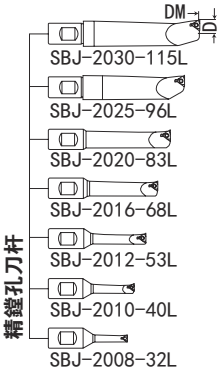
◎ While moving in small scope,the highest speed ＜ 1600rpm.

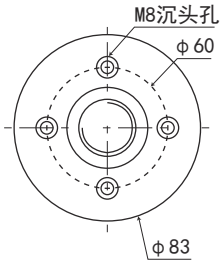
BT-NBH2084A 镗孔组合刀柄 BT-NBH2084A BORING SYSTEM

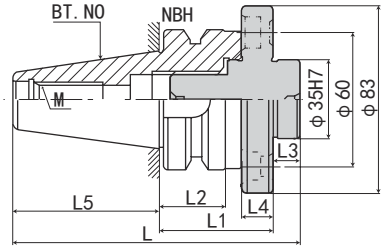


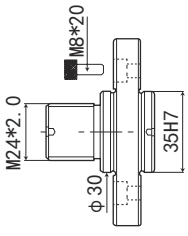








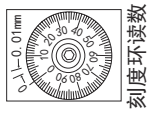


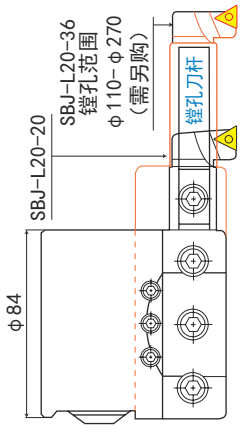


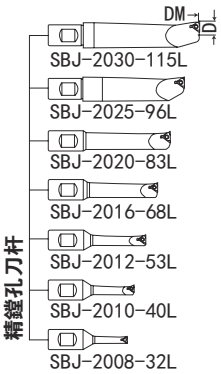
规格 / 型号 Model	BT.NO	L	L1	L2	L3	L4	L5	M	重量 KGS
BT30-NBH2084A	BT30	106.4	46	20	12	14	48.4	M12*1.75P	1.2
BT40-NBH2084A	BT40	128.4	51	25	12	14	65.4	M16*2.0P	1.6
BT50-NBH2084A	BT50	170.8	57	35	12	14	101.8	M24*3.0P	4.3

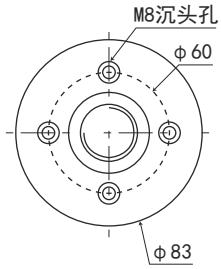
BT-NBH2084B 镗孔组合刀柄 BT-NBH2084B BORING SYSTEM

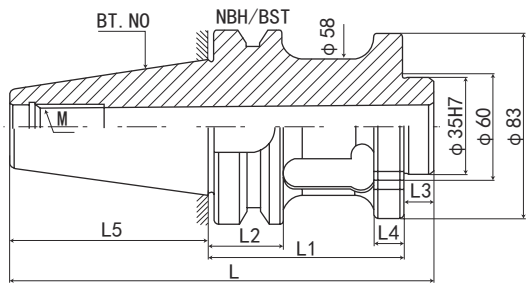










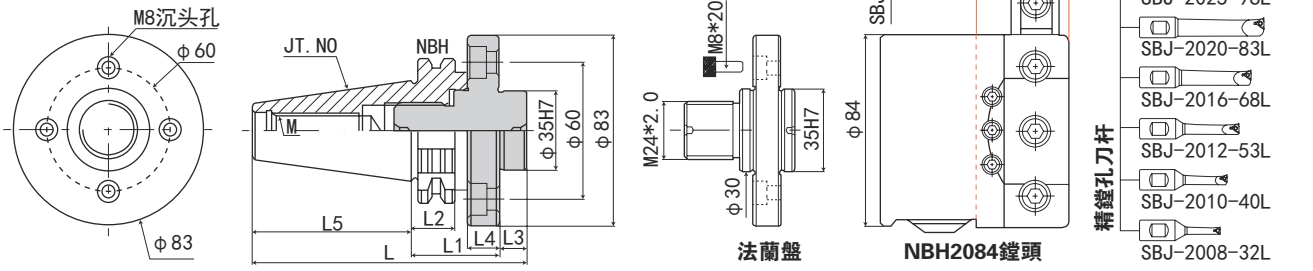


规格 / 型号 Model	BT.NO	L	L1	L2	L3	L4	L5	M	重量 KGS
BT40-NBH2084B-100L	BT40	177.4	100	25	12	14	65.4	M16*2.0P	2.42
BT40-NBH2084B-150L	BT40	227.4	150	25	12	14	65.4	M16*2.0P	2.9
BT50-NBH2084B-100L	BT50	213.8	100	35	12	14	101.8	M24*3.0P	5.22
BT50-NBH2084B-165L	BT50	278.8	165	35	12	14	101.8	M24*3.0P	6.42
BT50-NBH2084B-200L	BT50	313.8	200	35	12	14	101.8	M24*3.0P	7.62
BT50-NBH2084B-250L	BT50	363.8	250	35	12	14	101.8	M24*3.0P	8.5
BT50-NBH2084B-300L	BT50	413.8	300	35	12	14	101.8	M24*3.0P	9.67

镗孔刀具系列 BORING HEAD

JT-NBH2084A 镗孔组合刀柄 JT-NBH2084A BORING SYSTEM

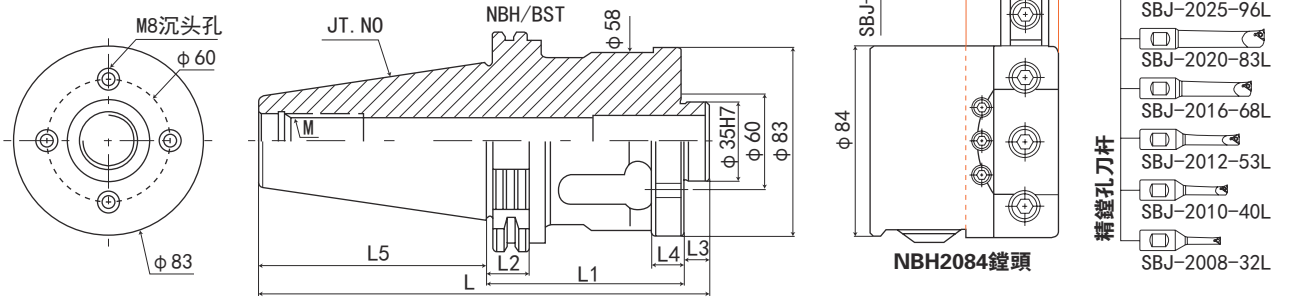




规格 / 型号 Model	JT.NO	L	L1	L2	L3	L4	L5	M	重量 KGS
JT30-NBH2084A	JT30	109.8	50	16	12	14	47.8	M12*1.75P	1.4
JT40-NBH2084A	JT40	130.4	50	16	12	14	68.4	M16*2.0P	2.0
JT50-NBH2084A	JT50	163.75	50	16	12	14	101.75	M24*3.0P	4.2

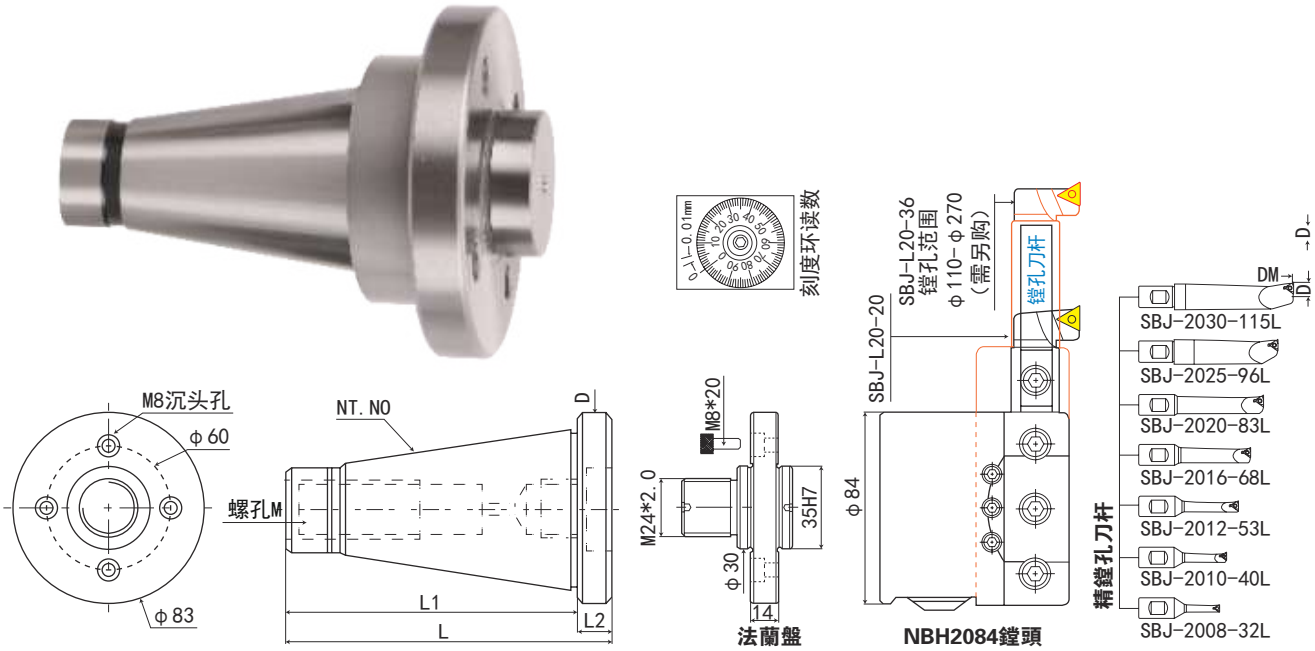
JT-NBH2084B 镗孔组合刀柄 JT-NBH2084B BORING SYSTEM





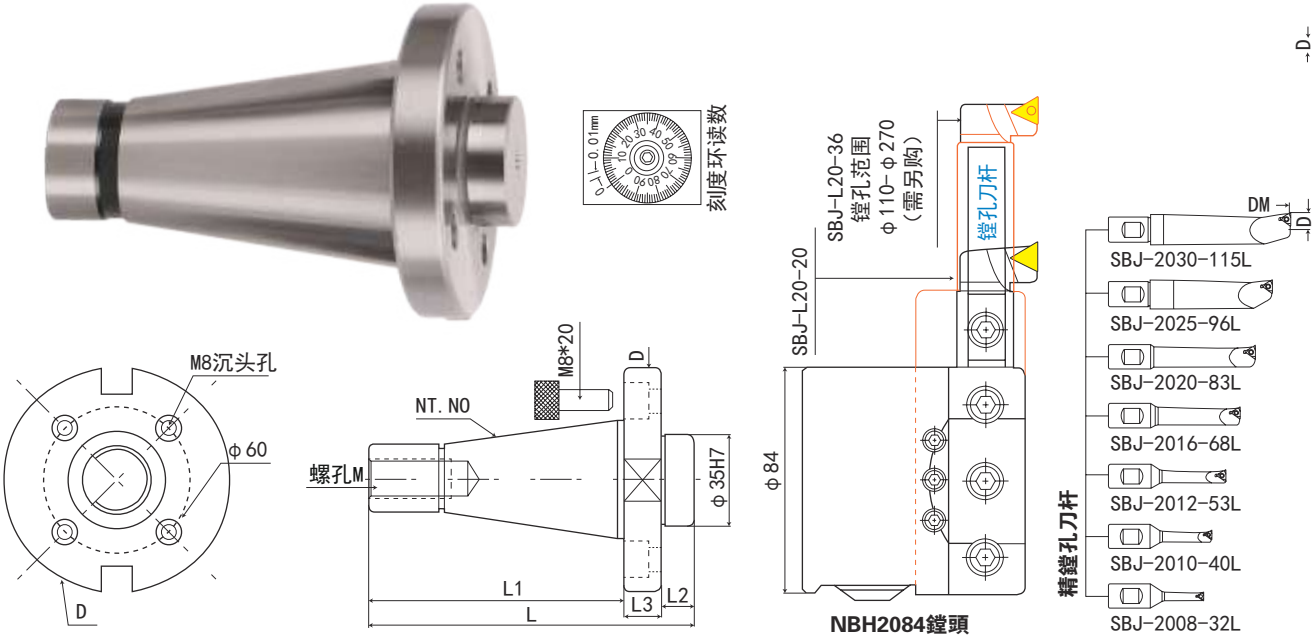
规格 / 型号 Model	JT.NO	L	L1	L2	L3	L4	L5	M	重量 KGS
JT40-NBH2084B-100L	JT40	180.4	100	16	12	14	68.4	M16*2.0P	2.42
JT40-NBH2084B-150L	JT40	230.4	150	16	12	14	68.4	M16*2.0P	2.9
JT50-NBH2084B-100L	JT50	213.75	100	16	12	14	101.75	M24*3.0P	5.22
JT50-NBH2084B-165L	JT50	278.75	165	16	12	14	101.75	M24*3.0P	6.42
JT50-NBH2084B-200L	JT50	313.75	200	16	12	14	101.75	M24*3.0P	7.62
JT50-NBH2084B-250L	JT50	363.75	250	16	12	14	101.75	M24*3.0P	8.5
JT50-NBH2084B-300L	JT50	413.75	300	16	12	14	101.75	M24*3.0P	9.67

NT-NBH2084A 镗孔组合刀柄 NT-NBH2084A BORING SYSTEM



规格 / 型号 Model	NT.NO	L	L1	L2	M	D	重量 KGS
NT40-NBH2084A	NT40	111	95	16	M16*2.0P	63	2.4
NT50-NBH2084A	NT50	146	130	16	M24*3.0P	100	4.2

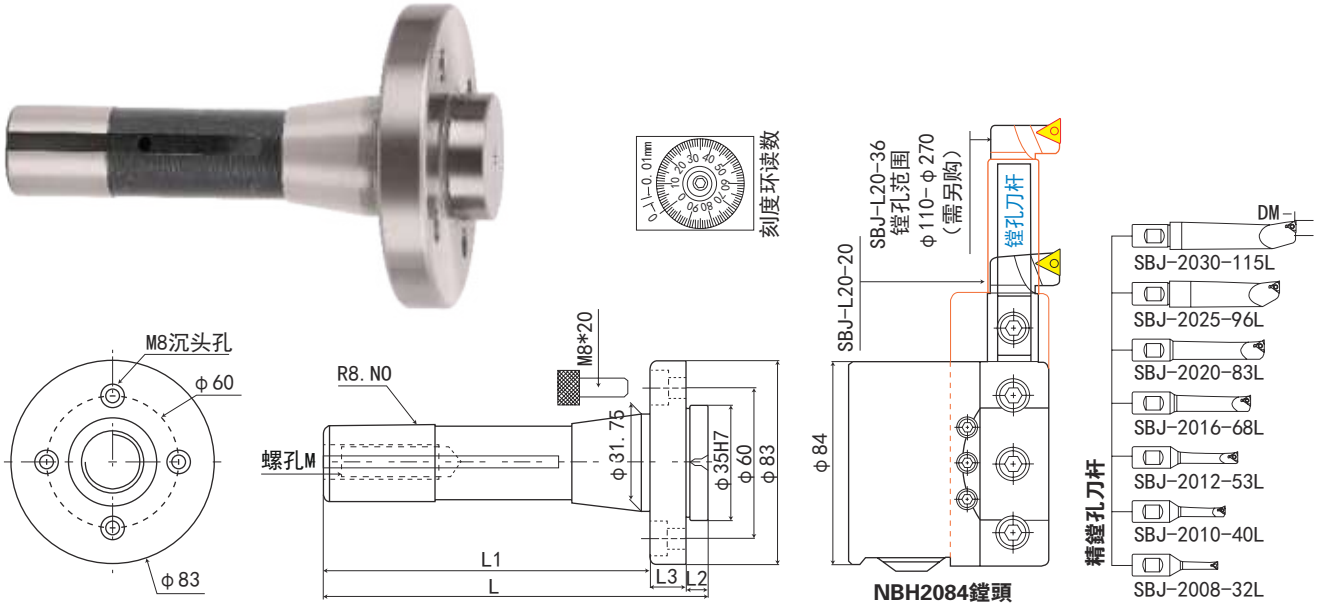
NT-NBH2084C 镗孔组合刀柄 NT-NBH2084C BORING SYSTEM



规格 / 型号 Model	NT.NO	L	L1	L2	L3	M	D	重量 KGS
NT30-NBH2084C	NT30	98	70	12	16	M12*1.75P	83	1.9
NT40-NBH2084C	NT40	123	95	12	16	M16*2.0P	83	2.4

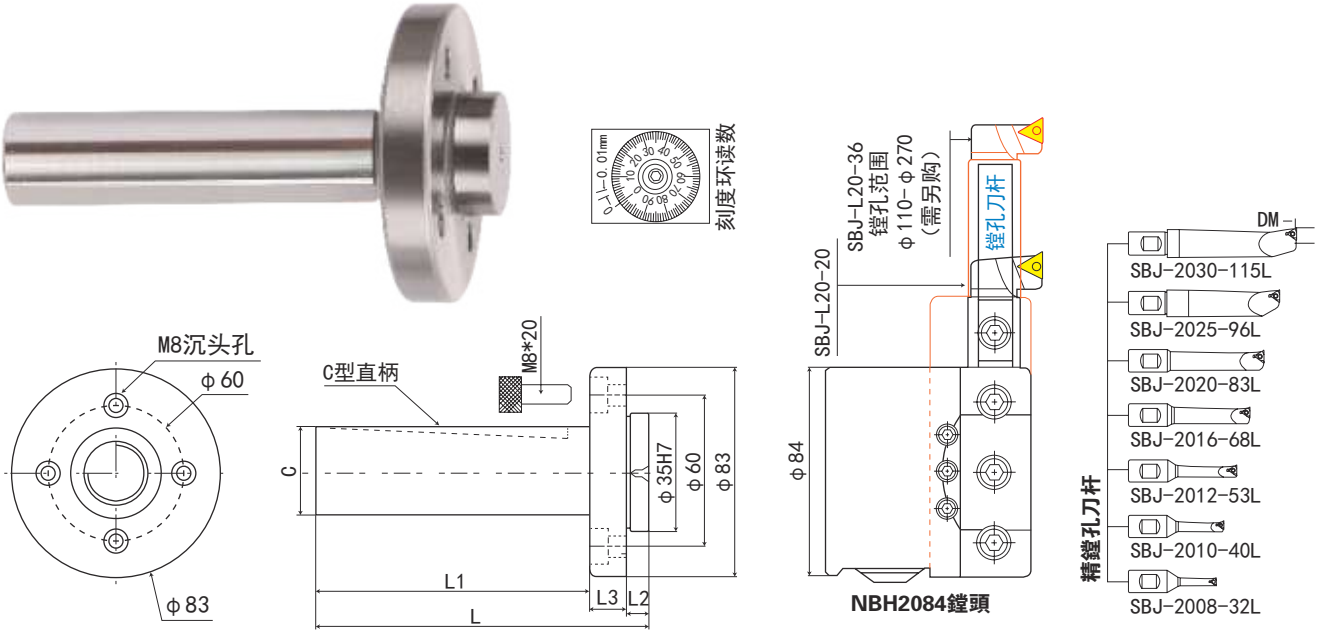
镗孔刀具系列 BORING HEAD

R8-NBH2084C 镗孔组合刀柄 R8-NBH2084C BORING SYSTEM



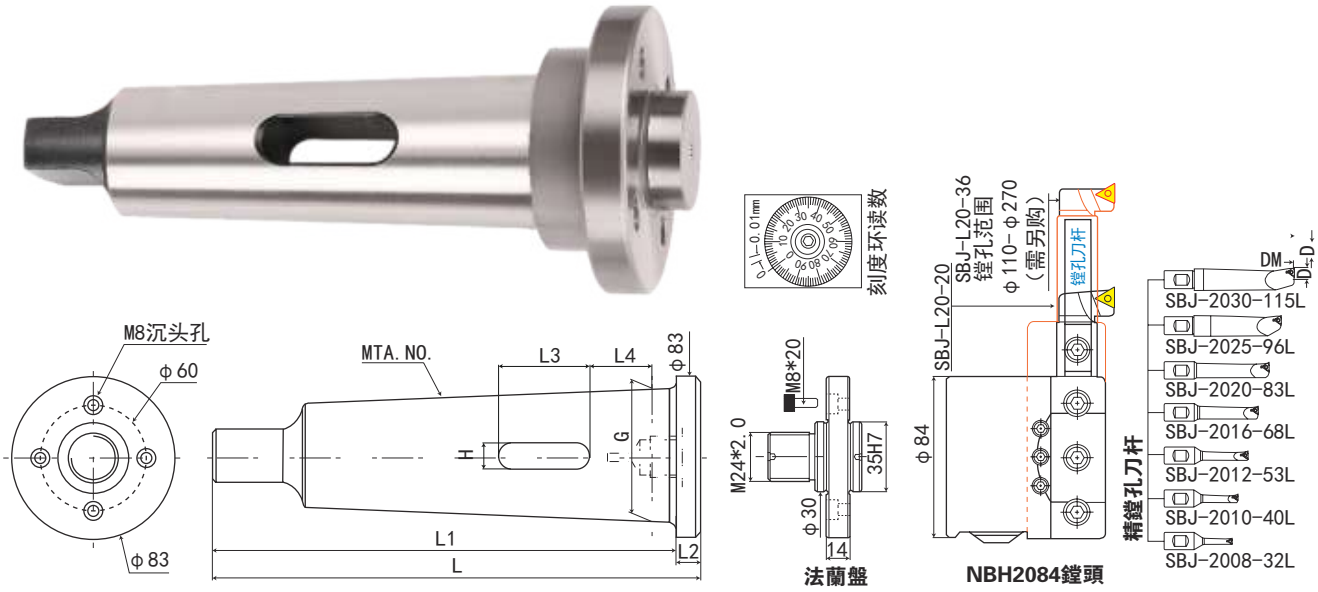
规格 / 型号 Model	R8.N0	L	L1	L2	L3	M	重量 KGS
R8-NBH2084 公制 C	R8	132	104	12	16	M12*1.75P	2.2
R8-NBH2084 英制 C	R8	132	104	12	16	7/16-20UNF	2.2

C 型直柄 -NBH2084C 镗孔组合刀柄 C-NBH2084C BORING SYSTEM



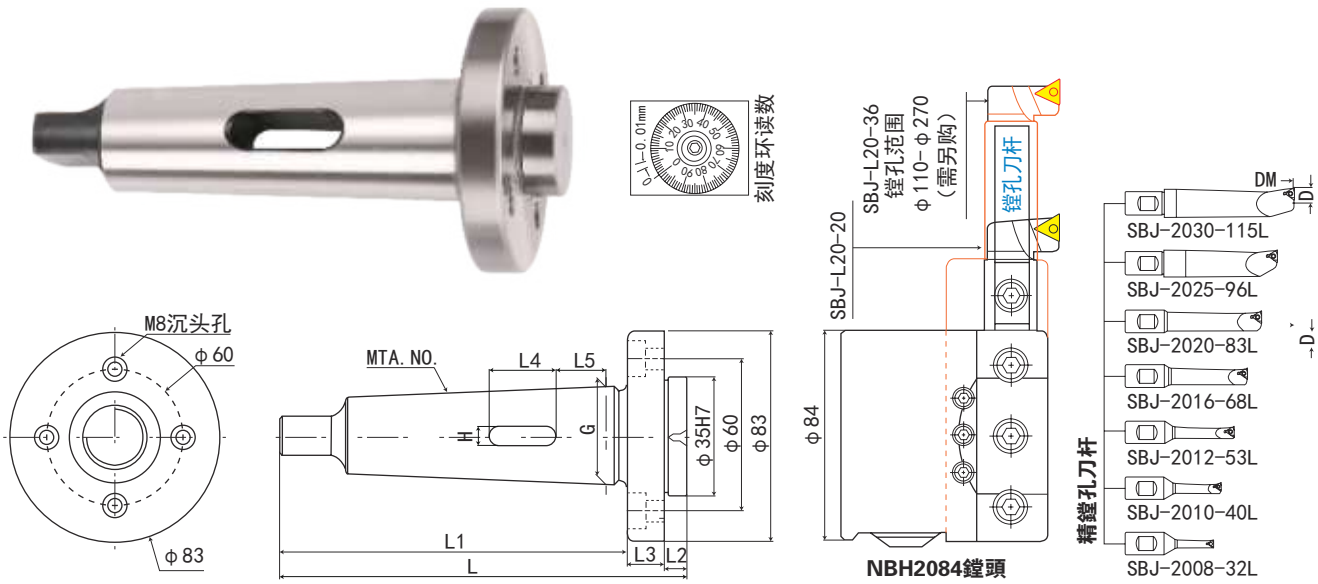
规格 / 型号 Model	C 型直柄	C	L	L1	L2	L3	重量 KGS
C20-NBH2084C	C20	20	88	60	12	16	2.1
C25-NBH2084C	C25	25	88	60	12	16	2.2
C32-NBH2084C	C32	32	88	60	12	16	2.3

MTA-NBH2084A 镗孔组合刀柄 MTA-NBH2084A BORING SYSTEM



规格 / 型号 Model	MTA.N0	L	L1	L2	L3	L4	G	H	重量 KGS
MTA6-NBH2084A	MTA6	234	218	16	40	45	63.348	17	5.3
公制 80-NBH2084A	公制 80	244	228	16	45	55	80.00	20	9.6

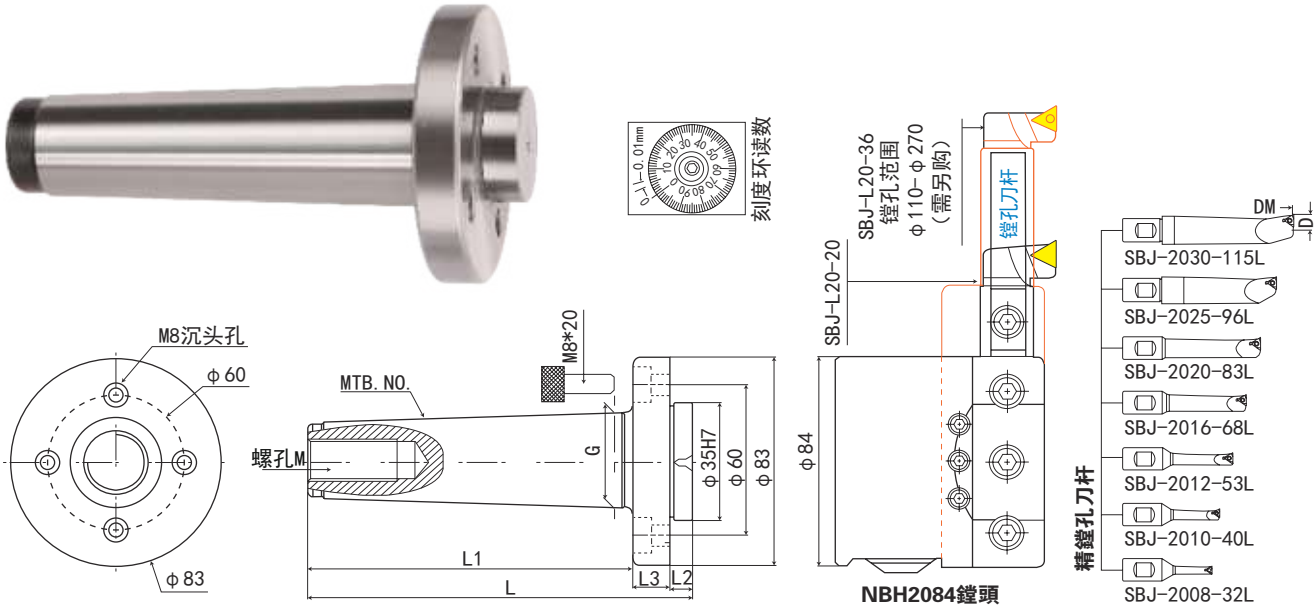
MTA-NBH2084C 镗孔组合刀柄 MTA-NBH2084C BORING SYSTEM



规格 / 型号 Model	MTA.N0	L	L1	L2	L3	L4	L5	G	H	重量 KGS
MTA3-NBH2084C	MTA3	127	99	12	16	-	-	23.825	-	0.8
MTA4-NBH2084C	MTA4	152	124	12	16	-	-	31.267	-	1.0
MTA5-NBH2084C	MTA5	184	156	12	16	40	35	44.399	13	2.0

镗孔刀具系列 BORING HEAD

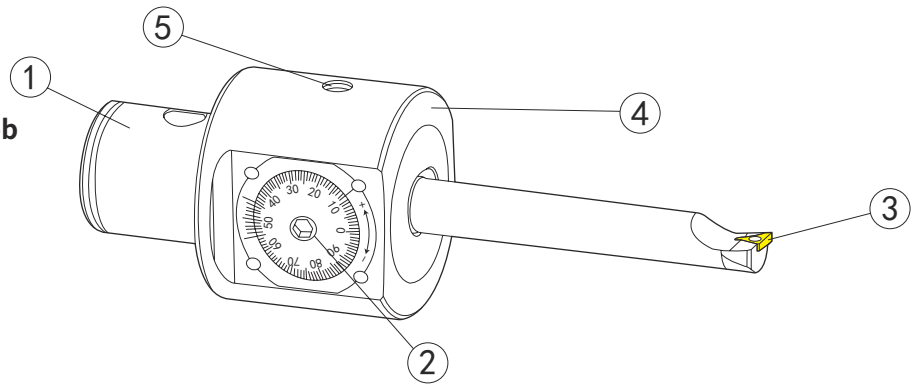
MTB-NBH2084C 镗孔组合刀柄 MTB-NBH2084C BORING SYSTEM



规格 / 型号 Model	MTB.N0	L	L1	L2	L3	M	G	重量 KGS
MTB3-NBH2084C	MTB3	114	86	12	16	M12*1.75P	23.825	0.6
MTB4-NBH2084C	MTB4	136	108	12	16	M16*2.0P	31.267	1.0
MTB5-NBH2084C	MTB5	164	136	12	16	M20*2.5P	44.399	0.6

NBJ16 产品主要部位名称 THE NAME OF THE MAIN PART OF PRODUCTS WITH NBJ16

① NBJ16 shank
NBJ16 柄部
② Micro adjusting knob
微调旋钮
③ Insert
刀片
④ NBJ16 body
NBJ16 头部
⑤ Lock screw
固定螺丝



使用顺序 /Sequence of Use

请参照图示，按下列顺序 1-6 顺序操作：
步骤一：在加工尺寸范围内固定好刀杆，用专用扳手在导向主轴上固定好两攻 M10 螺丝，稳固刀杆。
步骤二：松开固定螺丝。
步骤三：按顺时针方向旋转调旋钮，使加工直径增大，调整旋钮刻度为 ϕ0.01mm。
步骤四：按逆时针方向旋转时则使加工直径减小。
步骤五：调整尺寸加工时，请按同方向微调，以确保微调精度。
步骤六：微调至所需尺寸时，请以适当扭力锁紧导向主轴，使主轴稳固定本体上。

Please operate the following step(1-6)according to the diagram figured;
Step1.Using special wrench to lock two M10 screws to fasten the cutting tools in the processing size range.
Step2.Loosening the fixed screws.
Step3.Rotating tune knob by clockwise to increase the processing diameter,the graduate is ϕ0.01mm.
Step4.Rotating by anti-clockwise will decrease the processing diameter.
Step5.When adjusting the size of processing,please fine-tuning by the same direction to ensure mirco adjustment Precision.
Step6.When meet the demanded size,please use the proper force to lock the spindle orientation to makespindle fix into the substance.

使用者注意事项 /Notices of The User

1. 请使用在加工范围在 ϕ11mm 内。
2、当导向主轴在已锁紧状态下，请勿旋转调整旋钮，否则会导致调整机构被破坏。
3. 导向轴固定，请使用专用扳手，固定本体上的 M10 螺丝，锁紧导向主轴，过度锁紧会导致座体移位，过松会造成精度不良。
4、本产品是由精密螺丝、移动滑座旋转调整旋钮，在阻力很大或无法转动时，请停止调整，并确认以下事项：
①导向轴固定螺丝是否松开。
②是否超出调整范围。
③当过度旋转调整旋钮时，会导致刀杆和本体卡死，镗头精度被破坏。

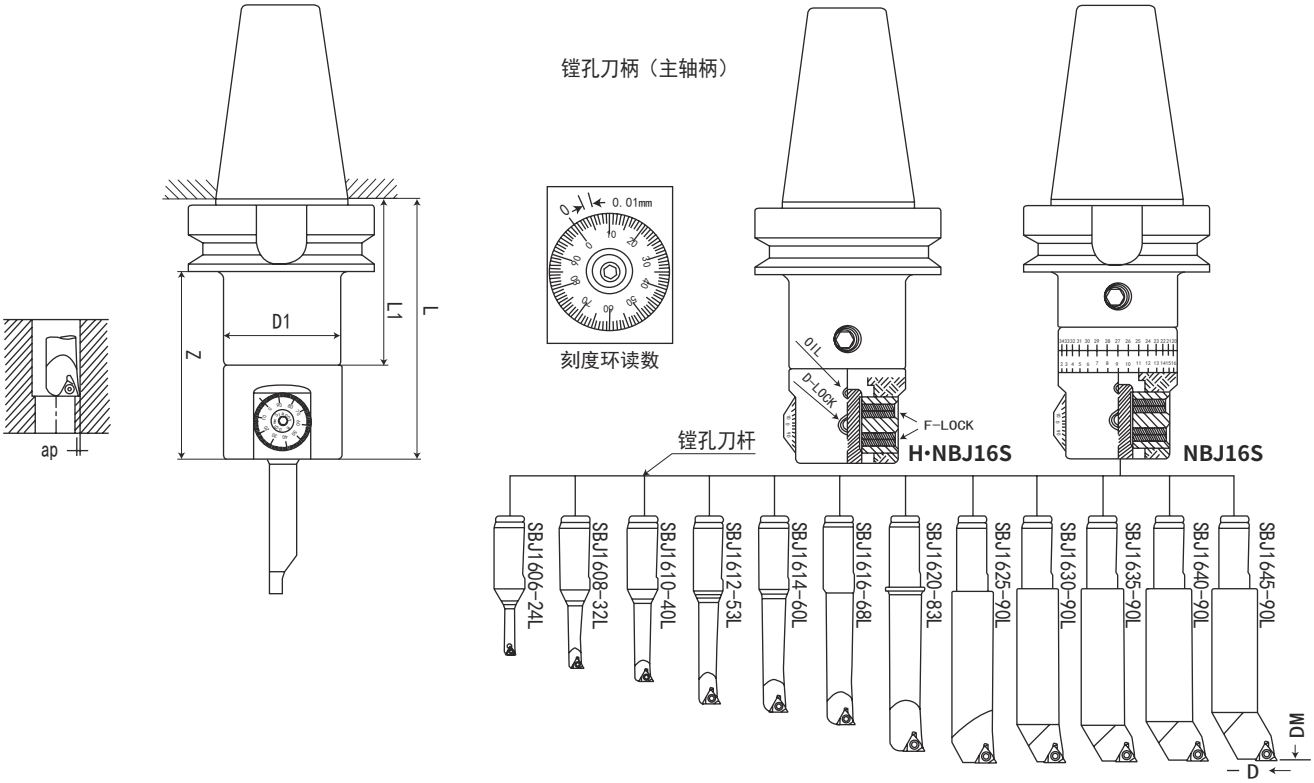
1Using in the processing rangeϕ11mm.
2Do not rotate the adjustment knob when the slide is tightly locked,or the adjusting mechanism will be destroyed.
3Please use special wrench to fix the slide with three M10 screws,too much force will be axis-oriented shift, on the contrary,there will be accuracy of non-performing.
4Our products use micro screws,spindle orientation to rotate adjusting knob. You should make sure the following notices and adjusting with great resistance or it can not move:
① Whether the guiding shaft of the fixed screw is loosened.
② Whether it is out of the adjustment range.
③ Too much force will make cutting tools dead and the precision of boring head destroyed.

镗孔刀具系列 BORING HEAD

NBJ16 小径微调精镗头 NBJ16 MICRO BORING BAR TOOL HOLDER







规格 / 型号 Model	移动量 Dmm	延伸长 Z	组合内容 Tool Connection		镗孔范围 Boring range	接口型号 LBK No	全长 L	刀杆长 L1	刀杆外径 φD1	内置刀杆 dmm	重量 KGS
			刀柄 Shank	镗头 Boring head							
BT30-NBJ16-110L	0-5	88	BT30-LBK6-60L	NBJ16	8-50mm	LBK6	110	60	64	16	2.4
BT40-NBJ16-115L	0-5	88	BT40-LBK6-65L	NBJ16	8-50mm	LBK6	115	65	64	16	2.7
BT50-NBJ16-145L	0-5	107	BT50-LBK6-95L	NBJ16	8-50mm	LBK6	145	95	64	16	5.9
JT30-NBJ16-110L	0-5	91	JT30-LBK6-60L	NBJ16	8-50mm	LBK6	110	60	64	16	2.4
JT40-NBJ16-115L	0-5	96	JT40-LBK6-65L	NBJ16	8-50mm	LBK6	115	65	64	16	2.7
JT50-NBJ16-145L	0-5	126	JT50-LBK6-95L	NBJ16	8-50mm	LBK6	145	95	64	16	5.9
NT30-NBJ16-110L	0-5	95	NT30-LBK6-60L	NBJ16	8-50mm	LBK6	110	60	64	16	2.4
NT40-NBJ16-115L	0-5	100	NT40-LBK6-65L	NBJ16	8-50mm	LBK6	115	65	64	16	2.7
NT50-NBJ16-145L	0-5	130	NT50-LBK6-95L	NBJ16	8-50mm	LBK6	145	95	64	16	5.9

特点：

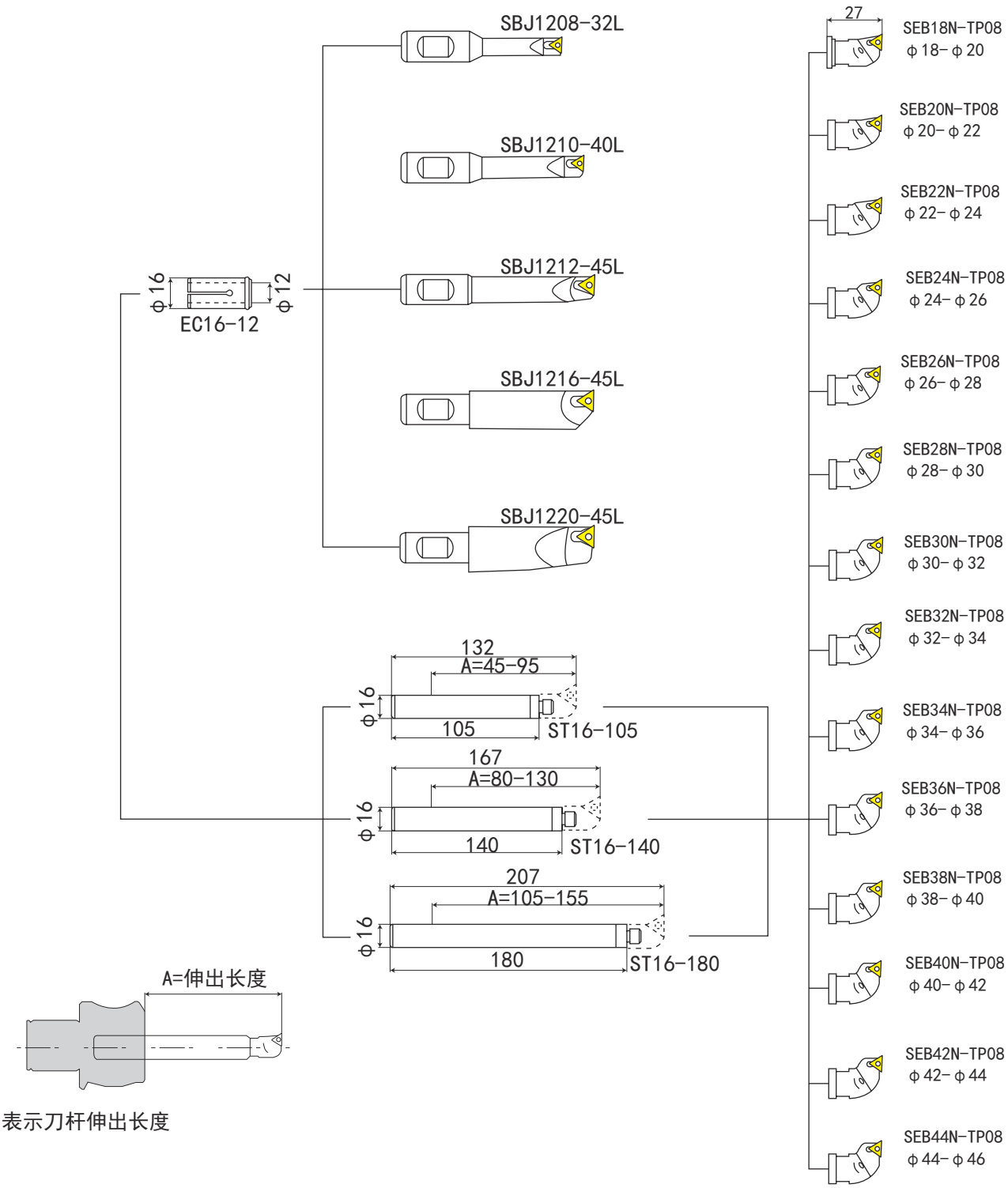
注：
◎本体锥柄规格：JIS MAS 403 BT
◎高刚性、高精度、高灵敏，调节方便，安全可靠
◎最小调节刻度为 φ0.01mm，半径为 0.005mm
◎本镗孔器在位移量少时，其最高转速不起 1600rpm 为宜

Features:

◎ Spindle conicity reference:JIS MAS 403 BT.
◎ Having high rigidity and precision,easily operated with safety.
◎ The minimum dial is 0.001mm with semi diameter 0005mm.
◎ While moving in small scope,the highest speed ＜ 1600rpm.

加工范围 ϕ8-ϕ50

（加工范围 ϕ2-ϕ8，请选择另购进口极小径硬质合金镗杆）

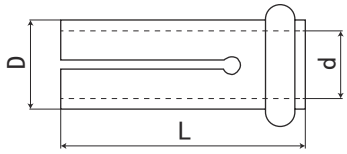


A：表示刀杆伸出长度

镗孔刀具系列 BORING HEAD

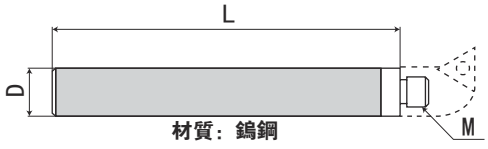
EC 钨钢刀杆专用筒夹 EC COLLET FOR SOLID CARBIDE BORING BAR

规格 / 型号 Model	外形尺寸			组合钨钢刀杆 Anti-shaking Solid Carbide Boring Bar
	D	d	L	
EC16-06	16	6	37	-
EC16-08	16	8	37	ST08/HC08
EC16-10	16	10	37	ST10/HC10
EC16-12	16	12	37	ST12/HC12
EC16-14	16	14	37	ST14/HC14



ST 抗震钨钢刀杆 ST ANTI-SHAKING SOLID CARBIDE BORING BAR





材質：鎢鋼

规格 / 型号 Model	外形尺寸			组合镗头 Throw Away Boring Head	组合筒夹 Collet For Solid Carbide Boring Bar
	D	L	M		
ST08-W5-115L	8	115	M5*0.8P	SEB09N SEB11N	EC16-08
ST10-W6-115L	10	115	M6*1.0P	SEB12N SEB14N SEB16N	EC16-10
ST10-W6-135L	10	135	M6*1.0P	SEB12N SEB14N SEB16N	EC16-10
ST10-W6-160L	10	160	M6*1.0P	SEB12N SEB14N SEB16N	EC16-10
ST12-W6-135L	12	135	M6*1.0P	SEB12N SEB14N SEB16N	EC16-12
ST12-W10-165L	12	165	M10*1.25P	SEB18N--SEB50N	EC16-12
ST16-W10-105L	16	105	M10*1.25P	SEB18N--SEB50N	-
ST16-W10-140L	16	140	M10*1.25P	SEB18N--SEB50N	-
ST16-W10-180L	16	180	M10*1.25P	SEB18N--SEB50N	-

特点：

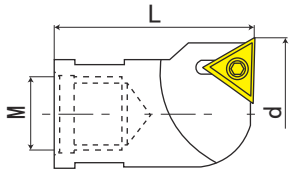
注：
◎镗孔深度不得超过孔径六倍

Features:

◎ The boring depth do not surpass aperture six times.

SEB 舍弃式小径镗头 SEB INDEXABLE INSERT HOLDER FOR BORING BAR

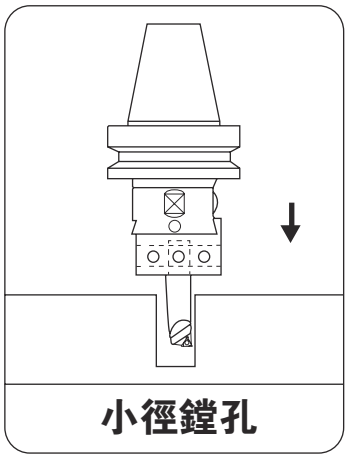


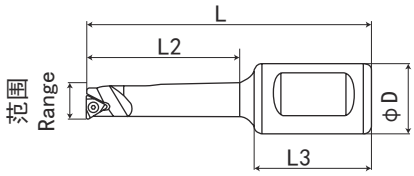


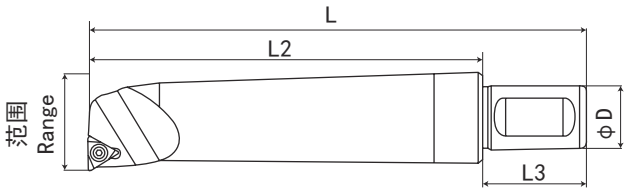
规格 / 型号 Model	外形尺寸			镗孔范围 Boring Range		刀片型号 Insert	螺丝 Screw	扳手 Wrench
	d	L	M	Min	Max			
SEB09N-TP08	9	18	M5*0.8P	9	11	TPGH080202	M2.2*5	T6
SEB11N-TP08	11	18	M5*0.8P	11	12	TPGH080202	M2.2*5	T6
SEB12N-TP08	12	23	M6*1.0P	12	14	TPGH080202	M2.2*5	T6
SEB14N-TP08	14	23	M6*1.0P	14	16	TPGH080202	M2.2*5	T6
SEB16N-TP08	16	23	M6*1.0P	16	18	TPGH080202	M2.2*5	T6
SEB18N-TP08	18	27	M10*1.25P	18	20	TPGH080202	M2.2*5	T6
SEB20N-TP08	20	27	M10*1.25P	20	22	TPGH080202	M2.2*5	T6
SEB22N-TP08	22	27	M10*1.25P	22	24	TPGH080202	M2.2*5	T6
SEB24N-TP08	24	27	M10*1.25P	24	26	TPGH080202	M2.2*5	T6
SEB26N-TP08	26	27	M10*1.25P	26	28	TPGH080202	M2.2*5	T6
SEB28N-TP08	28	27	M10*1.25P	28	30	TPGH080202	M2.2*5	T6
SEB30N-TP08	30	27	M10*1.25P	30	32	TPGH080202	M2.2*5	T6
SEB32N-TP08	32	27	M10*1.25P	32	34	TPGH080202	M2.2*5	T6
SEB34N-TP08	34	27	M10*1.25P	34	36	TPGH080202	M2.2*5	T6
SEB36N-TP08	36	27	M10*1.25P	36	38	TPGH080202	M2.2*5	T6
SEB38N-TP08	38	27	M10*1.25P	38	40	TPGH080202	M2.2*5	T6
SEB40N-TP08	40	27	M10*1.25P	40	42	TPGH080202	M2.2*5	T6
SEB42N-TP08	42	27	M10*1.25P	42	44	TPGH080202	M2.2*5	T6
SEB44N-TP08	44	27	M10*1.25P	44	46	TPGH080202	M2.2*5	T6
SEB46N-TP08	46	27	M10*1.25P	46	48	TPGH080202	M2.2*5	T6
SEB48N-TP08	48	27	M10*1.25P	48	50	TPGH080202	M2.2*5	T6
SEB50N-TP08	50	27	M10*1.25P	50	52	TPGH080202	M2.2*5	T6

NBJ16 替换式镗孔刀杆 NBJ16 INTERCHANGEABLE BORING CUTTER









规格 / 型号 Model	尺寸					刀片 Insert		螺丝 Screw	扳手 Wrench
	D	范围 Range	L	L2	L3				
SBJ1606-24L	16	6-9	73	24	32	5°	WBGT060102	M2*3.8	T6
SBJ1608-32L	16	8-11	80	32	32		TBGT060102	M2*5.0	T6
SBJ1610-40L	16	10-13	87	40	32		TBGT060102	M2*5.0	T6
SBJ1612-53L	16	12-15	98	53	32		TPGH090202	M2.5*6.0	T8
SBJ1614-60L	16	14-17	105	60	32		TPGH090202	M2.5*6.0	T8
SBJ1616-68L	16	16-21	110	68	32		TPGH090202	M2.5*6.0	T8
SBJ1620-83L	16	20-26	125	83	32		TPGH110304	M3*8.0	T8
SBJ1625-90L	16	25-31	128	90	32		TPGH110304	M3*8.0	T8
SBJ1630-90L	16	30-36	128	90	32		TPGH110304	M3*8.0	T8
SBJ1635-90L	16	35-41	128	90	32	11°	TPGH110304	M3*8.0	T8
SBJ1640-90L	16	40-46	128	90	32		TPGH110304	M3*8.0	T8
SBJ1645-90L	16	45-51	128	90	32		TPGH110304	M3*8.0	T8
SBJ1616-150L(加长)	16	16-21	192	150	32		TPGH090202	M2.5*6.0	T8
SBJ1620-150L(加长)	16	20-26	192	150	32		TPGH110304	M3*8.0	T8
SBJ1625-150L(加长)	16	25-31	188	150	32		TPGH110304	M3*8.0	T8
SBJ1630-150L(加长)	16	30-36	188	150	32		TPGH110304	M3*8.0	T8

特点:

注:

◎可搭配 SCK6 刀杆并可与 CK6 系统刀杆相容

◎采用特殊表面处理，加强防锈效果

◎微调单位：每刻度移动量为 0.01mm，另有副尺可做更精确之调整，镗孔范围 ϕ6-ϕ50mm

◎搭配 16mm 柄径的小径镗刀，并搭配不同切削刀具，达成多样化的组合，以利客户加工使用。

Features:

◎ Suitable for combining with SCK6 series of tool holders as well as CK6 series of tool holders.

◎ With special coating treatment,to strengthen the anti-corrosion effect.

◎ Micro-adjustment unitl:each unit is 0.01mm.Available is asub-dial for finer adjustment,boring range ϕ6-ϕ50mm.

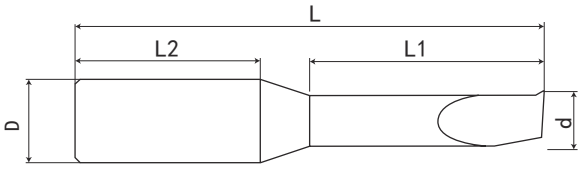
◎ With 16mm shank trails Boring,with different cutting tools can be reached a variety of combinations,in order to facilitate customers to use.

镗孔刀具系列 BORING HEAD

CBI 系列专用超小径碳化钨镗孔刀

SUPER FINE DIAMETER TUNGSTEN CARBIDE BORING BAR DEDICATED TO CBI SERIES



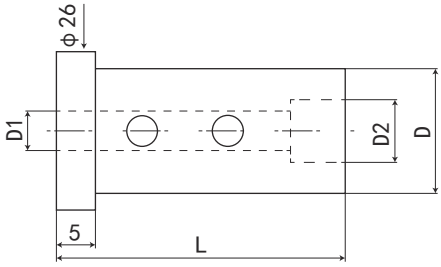


规格 / 型号 Model	φd 镗孔范围 Boring Range				D	L1	L2	L	重量 KGS
	Min.	Max.							
		CBI4	CBI5	CBI6					
CBJ0603-15	3	7	10	13	6	15	32	50	-
CBJ0604-20	4	8	11	14	6	20	32	50	-
CBJ0605-25	5	9	12	15	6	25	32	60	-
CBJ0606-30	6	10	13	16	6	30	32	60	-
CBJ1008-35	8	12	15	18	10	35	32	75	-
CBJ1010-40	10	14	17	20	10	40	32	75	-

CBI 小径套筒

CBI SMALL DIAMETER ADAPTER



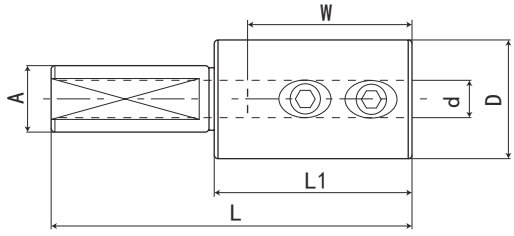


规格 / 型号 Model	D	D1	D1	L	螺丝 Screw	扳手 Wrench	扭力值 (N.m)Torque	重量 KGS
SH-0416-37	16	4	8	37	M4*4	PL2	3.0	0.07
SH-0516-37	16	5	8	37	M5*5.5	PL2	3.0	0.06
SH-0616-37	16	6	8	37	M6*4	PL2	3.0	-
SH-0716-37	16	7	8	37	M6*4	PL2	3.0	-

CBI 系列专用超小径镗刀延长杆

EXTENSION ADAPTER FOR SMALL DIAMETER BORING BAR DEDICATED TO CBI SERIES





规格 / 型号 Model	A	D1	d	L1	W	L	重量 KGS
AC1006-30	10	18	6	30	25	55	-
AC1206-35	12	22	6	35	25	65	-
AC1210-35	12	22	10	35	30	65	-
AC1606-35	16	16	6	35	25	85	0.14
AC1610-35	16	22	10	35	30	85	-

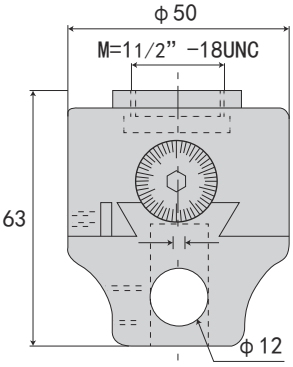
F1-1/2" 型镗头 TYPE F1-1/2 BORING HEADS

特点：

注：

◎根据机床所需可配合各种锥柄使用
◎刻度有公制和英制规格，每小格 0.01mm（0.0005"）
◎调整行程 15mm（5/8"）
◎最小镗孔直径 10mm
◎最大镗孔直径 125mm
◎最深镗孔深度 60mm

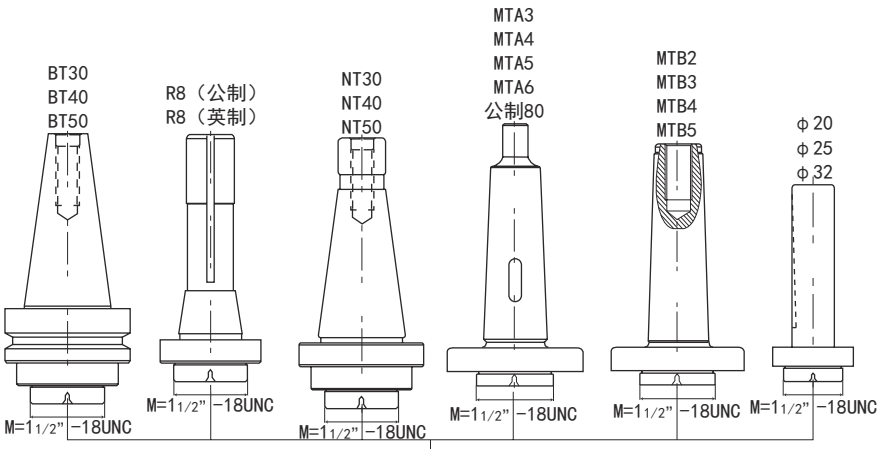




规格 / 型号 Model	D	H	最大位移 Max offset	刀杆直径 d Boring bor dia	最小刻度值 Min graduation	镗削直径 Dia of Bring
F1-1/2	50	63	5/8"	1/2"	0.001"	3/8"-5"
F1-12	50	63	16mm	12mm	0.01mm	10-125mm

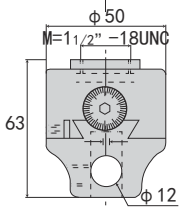
F1 -1/2" 型镗头 + 锥柄 TYPE F1-1/2 BORING HEADS+SHANK











规格 / 型号 Model	连接柄 Shank	镗头型号 Head No	重量 KGS	规格 / 型号 Model	连接柄 Shank	镗头型号 Head No	重量 KGS
BT30-F1-1/2"	BT30-1 1/2"-18UNC	F1-1/2"	1.5	MTA2-F1-1/2"	MTA2-1 1/2"-18UNC	F1-1/2"	1.1
BT40-F1-1/2"	BT40-1 1/2"-18UNC	F1-1/2"	2.0	MTA3-F1-1/2"	MTA3-1 1/2"-18UNC	F1-1/2"	1.3
BT50-F1-1/2"	BT50-1 1/2"-18UNC	F1-1/2"	4.7	MTA4-F1-1/2"	MTA4-1 1/2"-18UNC	F1-1/2"	1.7
NT30-F1-1/2"	NT30-1 1/2"-18UNC	F1-1/2"	1.3	MTA5-F1-1/2"	MTA5-1 1/2"-18UNC	F1-1/2"	2.2
NT40-F1-1/2"	NT40-1 1/2"-18UNC	F1-1/2"	2.0	MTA6-F1-1/2"	MTA6-1 1/2"-18UNC	F1-1/2"	6.2
NT50-F1-1/2"	NT50-1 1/2"-18UNC	F1-1/2"	3.9	公制 80-F1-1/2"	公制 80-1 1/2"-18UNC	F1-1/2"	8.6
MTB2-F1-1/2"-M10	MTB2-1 1/2"-18UNC	F1-1/2"	1.0	C20-F1-1/2"	C20-1 1/2"-18UNC	F1-1/2"	1.1
MTB3-F1-1/2"-M12	MTB3-1 1/2"-18UNC	F1-1/2"	1.2	C25-F1-1/2"	C25-1 1/2"-18UNC	F1-1/2"	1.2
MTB4-F1-1/2"-M16	MTB4-1 1/2"-18UNC	F1-1/2"	1.6	C32-F1-1/2"	C32-1 1/2"-18UNC	F1-1/2"	1.4
MTB5-F1-1/2"-M20	MTB5-1 1/2"-18UNC	F1-1/2"	2.1	R8-F1-1/2" 公制	R8 公制 -1 1/2"-18UNC	F1-1/2"	1.3
				R8-F1-1/2" 英制	R8 英制 -1 1/2"-18UNC	F1-1/2"	1.3

镗孔刀具系列 BORING HEAD

F1-3/4" 型镗头 TYPE F1-3/4 BORING HEADS

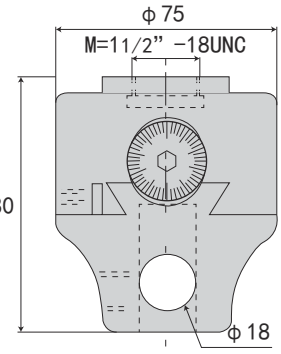
特点:

注:
◎根据机床所需可配合各种锥柄使用
◎刻度有公制和英制规格，每小格 0.01mm（0.0005"）
◎调整行程 25mm（1"）
◎最小镗孔直径 12mm
◎最大镗孔直径 225mm
◎最深镗孔深度 90mm

Features:

◎ Use diifferent shanks according different lathe
◎ The dial has one scale in centimetres and another in inches, minimum scale value is 0.01mm(0.0005").
◎ Max offset 25mm（1"）
◎ Dia of boring:12mm
◎ Max boring diameter：225mm
◎ Max depth of boring hole

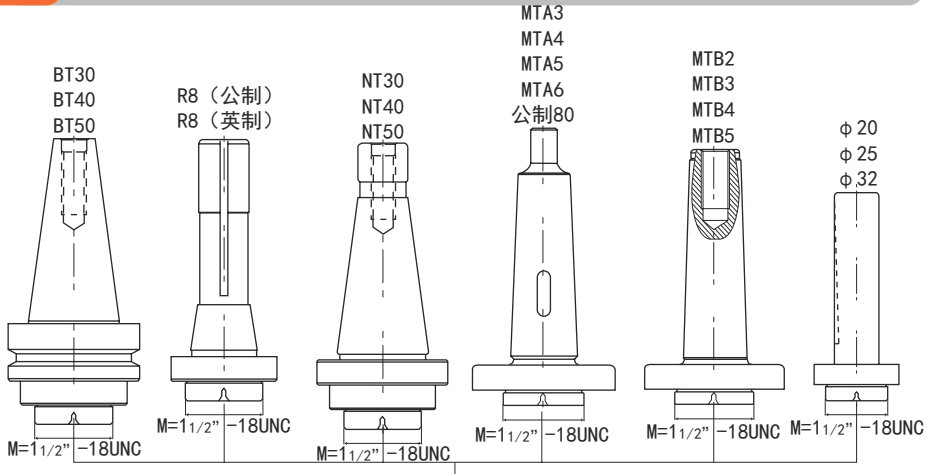




规格 / 型号 Model	D	H	最大位移 Max offset	刀杆直径 Boring bar dia	最小刻度值 Min graduation	镗削范围 Boring Range
F1-3/4	75	80	1"	3/4"	0.0005"	1/2"-9"
F1-18	75	80	25mm	18mm	0.01mm	12-225mm

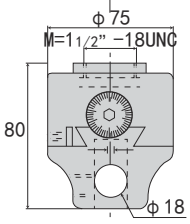
F1-3/4" 型镗头 + 锥柄 TYPE F1-3/4 BORING HEADS+SHANK











规格 / 型号 Model	连接柄 Shank	镗头型号 Head No	重量 KGS	规格 / 型号 Model	连接柄 Shank	镗头型号 Head No	重量 KGS
BT30-F1-3/4"	BT30-1 1/2"-18UNC	F1-3/4"	1.6	MTA2-F1-3/4"	MTA2-1 1/2"-18UNC	F1-3/4"	1.3
BT40-F1-3/4"	BT40-1 1/2"-18UNC	F1-3/4"	2.1	MTA3-F1-3/4"	MTA3-1 1/2"-18UNC	F1-3/4"	1.5
BT50-F1-3/4"	BT50-1 1/2"-18UNC	F1-3/4"	4.9	MTA4-F1-3/4"	MTA4-1 1/2"-18UNC	F1-3/4"	1.85
NT30-F1-3/4"	NT30-1 1/2"-18UNC	F1-3/4"	1.4	MTA5-F1-3/4"	MTA5-1 1/2"-18UNC	F1-3/4"	2.55
NT40-F1-3/4"	NT40-1 1/2"-18UNC	F1-3/4"	2.2	MTA6-F1-3/4"	MTA6-1 1/2"-18UNC	F1-3/4"	7.0
NT50-F1-3/4"	NT50-1 1/2"-18UNC	F1-3/4"	4.0	公制 80-F1-3/4"	公制 80-1 1/2"-18UNC	F1-3/4"	9.0
MTB2-F1-3/4"-M10	MTB2-1 1/2"-18UNC	F1-3/4"	1.2	C20-F1-3/4"	C20-1 1/2"-18UNC	F1-3/4"	1.3
MTB3-F1-3/4"-M12	MTB3-1 1/2"-18UNC	F1-3/4"	1.4	C25-F1-3/4"	C25-1 1/2"-18UNC	F1-3/4"	1.4
MTB4-F1-3/4"-M16	MTB4-1 1/2"-18UNC	F1-3/4"	1.7	C32-F1-3/4"	C32-1 1/2"-18UNC	F1-3/4"	1.6
MTB5-F1-3/4"-M20	MTB5-1 1/2"-18UNC	F1-3/4"	2.3	R8-F1-3/4" 公制	R8 公制 -1 1/2"-18UNC	F1-3/4"	1.4
				R8-F1-3/4" 英制	R8 英制 -1 1/2"-18UNC	F1-3/4"	1.4

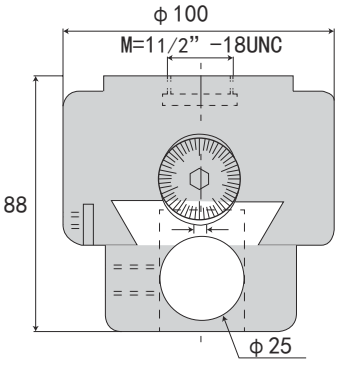
F1-1" 型镗头 TYPE F1-1 BORING HEADS

特点:

注:

◎根据机床所需可配合各种锥柄使用
◎刻度有公制和英制规格，每小格 0.01mm（0.0005"）
◎调整行程 25mm（1"）
◎最小镗孔直径 15mm
◎最大镗孔直径 320mm
◎最深镗孔深度 150mm





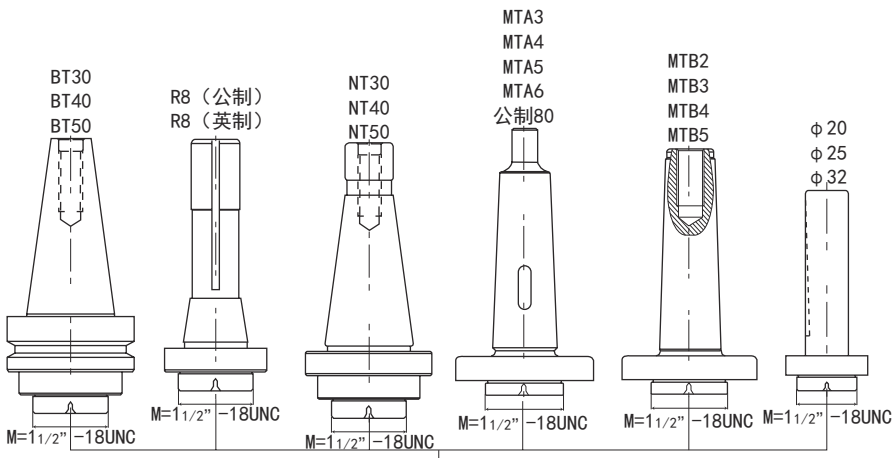
规格 / 型号 Model	D	H	最大位移 Max offset	刀杆直径 Boring bor dia	最小刻度值 Min graduation	镗削直径 Dia of Bring
F1-1	100	88	1-5/8"	1"	0.0005"	5/8"-12.5"
F1-25	100	88	41mm	25mm	0.01mm	15-320mm

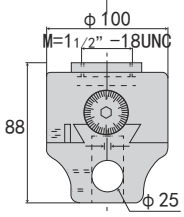
F1-1" 型镗头 + 锥柄 TYPE F1-1 BORING HEADS+SHANK









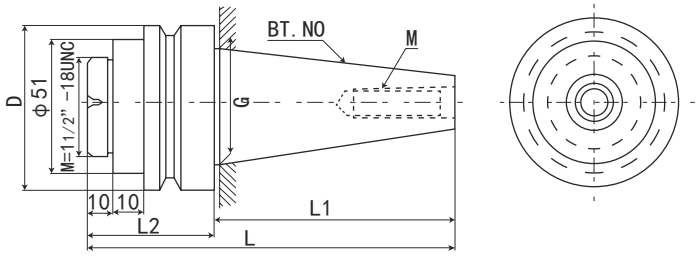


规格 / 型号 Model	连接柄 Shank	镗头型号 Head No	重量 KGS	规格 / 型号 Model	连接柄 Shank	镗头型号 Head No	重量 KGS
BT30-F1-1"	BT30-1 1/2"-18UNC	F1-1"	2.1	MTA2-F1-1"	MTA2-1 1/2"-18UNC	F1-1"	1.4
BT40-F1-1"	BT40-1 1/2"-18UNC	F1-1"	2.3	MTA3-F1-1"	MTA3-1 1/2"-18UNC	F1-1"	1.6
BT50-F1-1"	BT50-1 1/2"-18UNC	F1-1"	5.0	MTA4-F1-1"	MTA4-1 1/2"-18UNC	F1-1"	1.7
NT30-F1-1"	NT30-1 1/2"-18UNC	F1-1"	1.6	MTA5-F1-1"	MTA5-1 1/2"-18UNC	F1-1"	2.6
NT40-F1-1"	NT40-1 1/2"-18UNC	F1-1"	2.3	MTA6-F1-1"	MTA6-1 1/2"-18UNC	F1-1"	7.3
NT50-F1-1"	NT50-1 1/2"-18UNC	F1-1"	4.1	公制 80-F1-1"	公制 80-1 1/2"-18UNC	F1-1"	9.5
MTB2-F1-1"-M10	MTB2-1 1/2"-18UNC	F1-1"	1.3	C20-F1-1"	C20-1 1/2"-18UNC	F1-1"	1.4
MTB3-F1-1"-M12	MTB3-1 1/2"-18UNC	F1-1"	1.5	C25-F1-1"	C25-1 1/2"-18UNC	F1-1"	1.5
MTB4-F1-1"-M16	MTB4-1 1/2"-18UNC	F1-1"	1.8	C32-F1-1"	C32-1 1/2"-18UNC	F1-1"	1.7
MTB5-F1-1"-M20	MTB5-1 1/2"-18UNC	F1-1"	2.4	R8-F1-1" 公制	R8 公制 -1 1/2"-18UNC	F1-1"	1.6
				R8-F1-1" 英制	R8 英制 -1 1/2"-18UNC	F1-1"	1.6

镗孔刀具系列 BORING HEAD

BT-F1 型镗头锥柄 BT-F1 BORING HEAD+SHANK ASSEMBLY ILLUSTRATION

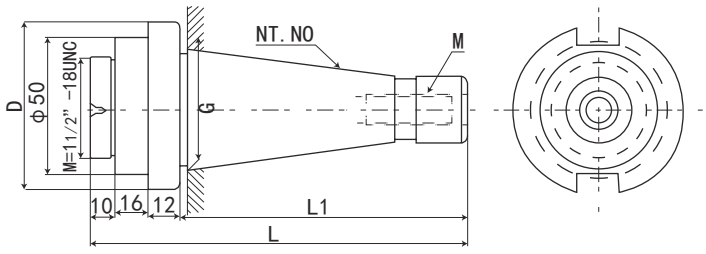




规格 / 型号 Model	BT.NO	L	L1	L2	D	M	G	重量 KGS
BT30-1 1/2"-18UNC	BT30	90.4	50.4	40	46	M12*1.75P	31.75	1.6
BT40-1 1/2"-18UNC	BT40	112.4	67.4	45	63	M16*2.0P	44.45	2.1
BT50-1 1/2"-18UNC	BT50	154.8	104.8	50	100	M24*3.0P	69.85	4.9

NT-F1 型镗头锥柄 NT-F1 BORING HEAD+SHANK ASSEMBLY ILLUSTRATION

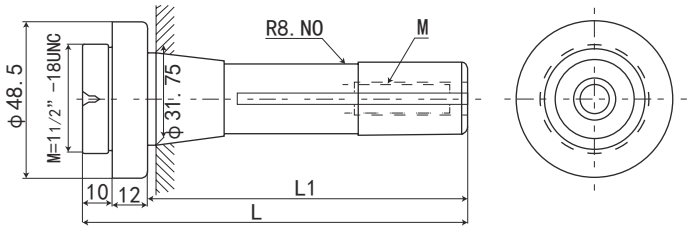




规格 / 型号 Model	NT.NO	L	L1	D	M	G	重量 KGS
NT30-1 1/2"-18UNC	NT30	108	70	50	M12*1.75P	31.75	1.6
NT40-1 1/2"-18UNC	NT40	133	95	63	M16*2.0P	44.45	2.1
NT50-1 1/2"-18UNC	NT50	168	130	95	M24*3.0P	69.85	4.9

R8-F1 型镗头锥柄 R8-F1 BORING HEAD+SHANK ASSEMBLY ILLUSTRATION

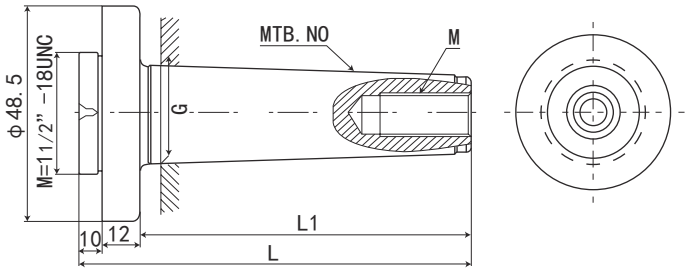




规格 / 型号 Model	R8.NO	L	L1	M	G	重量 KGS
R8-1 1/2"-18UNC 公制	R8 公制	126	104	M12*1.75P	31.75	1.4
R8-1 1/2"-18UNC 英制	R8 英制	126	104	7/16-20UNF	31.75	1.4

莫氏 MTB-F1 型镗头锥柄 MS. MTB-F1 BORING HEAD+SHANK ASSEMBLY ILLUSTRATION

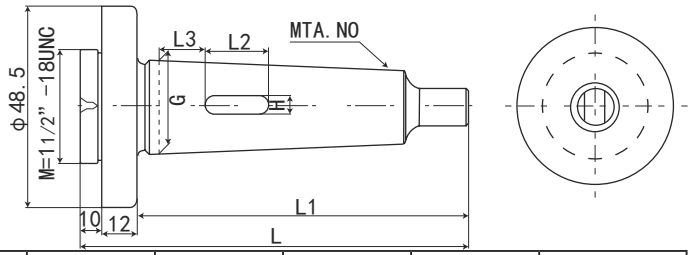




规格 / 型号 Model	MTB.NO	L	L1	M	G	重量 KGS
MTB2-1 1/2"-18UNC	MTB2	90	68	M10*1.5P	17.780	1.2
MTB3-1 1/2"-18UNC	MTB3	107	85	M12*1.75P	23.825	1.4
MTB4-1 1/2"-18UNC	MTB4	130	108	M16*2.0P	31.267	1.7
MTB5-1 1/2"-18UNC	MTB5	158	136	M20*2.5P	44.399	2.3

莫氏 MTA-F1 型镗头锥柄 MS. MTA-F1 BORING HEAD+SHANK ASSEMBLY ILLUSTRATION

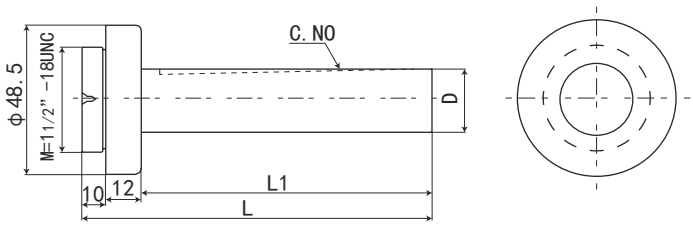




规格 / 型号 Model	MTA.NO	L	L1	L2	L3	H	G	重量 KGS
MTA2-1 1/2"-18UNC	MTA2	106	84	-	-	-	17.780	1.3
MTA3-1 1/2"-18UNC	MTA3	121	99	-	-	-	23.825	1.5
MTA4-1 1/2"-18UNC	MTA4	146	124	-	-	-	31.267	1.85
MTA5-1 1/2"-18UNC	MTA5	178	156	40	35	13	44.399	2.55
MTA6-1 1/2"-18UNC	MTA6	240	218	40	45	17	63.348	7.0
公制 80-1 1/2"-18UNC	公制 80	250	228	45	55	20	80.00	9.0

直柄 C 型 -F1 型镗头锥柄 C-F1 BORING HEAD+SHANK ASSEMBLY ILLUSTRATION



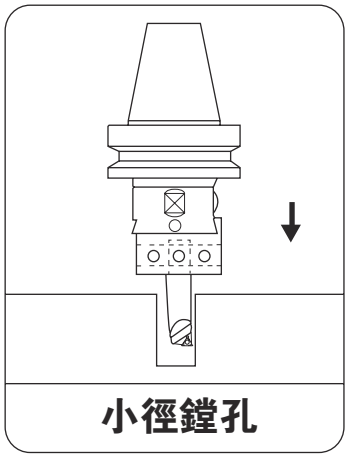


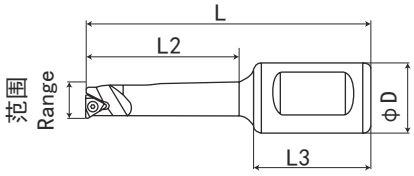
规格 / 型号 Model	C.NO	L	L1	D	重量 KGS
C20-1 1/2"-18UNC	C20	82	60	20	1.3
C25-1 1/2"-18UNC	C25	82	60	25	1.4
C32-1 1/2"-18UNC	C32	82	60	32	1.6

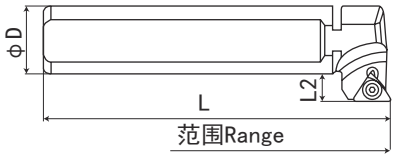
镗孔刀具系列 BORING HEAD

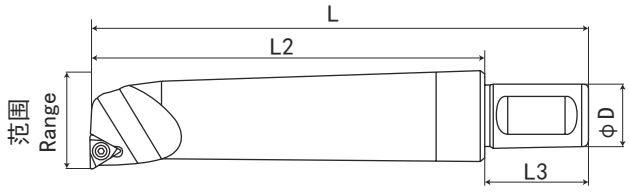
F1 型镗头替换式镗孔刀杆 F1 INTERCHANGEABLE BORING CUTTER











F1-1/2" 镗头替换式镗孔刀杆 F1-1/2" INTERCHANGEABLE BORING CUTTER

规格 / 型号 Model	尺寸					刀片 Insert		螺丝 Screw	扳手 Wrench
	D	范围 Range	L	L2	L3				
SBJ1208-32L	12	8-10	64	32	32		TBGT060102	M2*4.0	T6
SBJ1210-40L	12	10-12	72	40	32		TBGT060102	M2*4.0	T6
SBJ1212-50L	12	12-16	77	50	32		TPGH090202	M2.5*5.0	T8
SBJ1216-50L	12	16-20	77	50	32		TPGH090202	M2.5*5.0	T8
SBJ1220-50L	12	20-25	77	50	32		TPGH110304	M3*8.0	T10
SBJ12-36	12	70-150	60	-	32		TPGH110304	M3*8.0	T10

F1-3/4" 镗头替换式镗孔刀杆 F1-3/4" INTERCHANGEABLE BORING CUTTER

规格 / 型号 Model	尺寸					刀片 Insert		螺丝 Screw	扳手 Wrench
	D	范围 Range	L	L2	L3				
SBJ1808-32L	18	8-10	80	32	32		TBGT060102	M2*4.0	T6
SBJ1810-40L	18	10-12	87	40	32		TBGT060102	M2*4.0	T6
SBJ1812-53L	18	12-16	98	53	32		TPGH090202	M2.5*5.0	T8
SBJ1816-68L	18	16-20	110	68	32		TPGH090202	M2.5*5.0	T8
SBJ1820-83L	18	20-25	123	83	32		TPGH110304	M3*8.0	T10
SBJ1825-96L	18	25-30	137	96	32		TPGH110304	M3*8.0	T10
SBJ1830-115L	18	30-35	152	115	32		TPGH110304	M3*8.0	T10
SBJ18-36	18	-	100	80+BTL1	32		TPGH110304	M3*8.0	T10

F1-1" 镗头替换式镗孔刀杆 F1-1" INTERCHANGEABLE BORING CUTTER



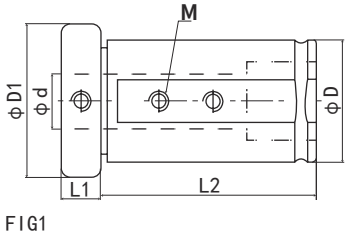


FIG1

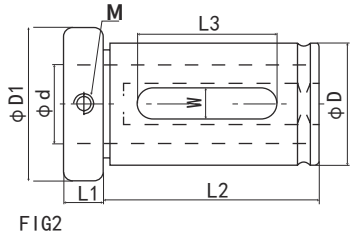


FIG2

规格 / 型号 Model	D	d	D1	L1	L2	L3	W	M	Fig
D25-12	25	12	33	14	50	-	-	M8	1
D25-18	25	18	33	14	50	42	10	-	2

◎此刀套可与以上两种刀杆在 F1-1" 镗头上使用，也可以选择直径 25 的内孔车刀杆在镗头上使用。

镗孔刀具系列
BORING TOOL SERIES

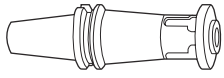


镗孔刀具系列
BORING TOOL SERIES

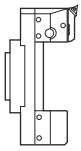
镗孔刀具系列 BORING HEAD

模块式精镗系列 MODULAR FINE BORING SYSTEM

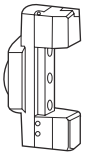
BST BORING SYSTEM
BST 系列



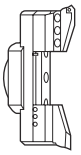
BST Basic Boring Holder
BST 镗头刀柄



FBH Large Diameter Modular Micro Boring Head
FBH 大径极细微调精镗头



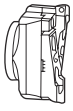
CBA Large Diameter Boring Head
CBA 大径微调精密镗头



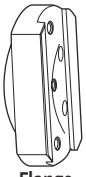
DBH Large Diameter Rougn Boring Head
DBH 大径双刃粗镗头



DBH Twin Cutter Rough Boring Head(DBH120)
DBH 分体式粗镗头（DBH120)



DBH Twin Cutter Rough Boring Head(DBH160)
DBH 分体式粗镗头（DBH160)

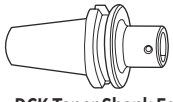


Flange
连接盘



Extension Slider
横向滑板

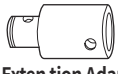
DCK BORING SYSTEM
DCK 系列



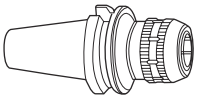
DCK Taper Shank For Boring Head
DCK 镗头刀柄



DCK Reducion Adapter
DCK 异径转换接柄（大接小）



DCK Exten tion Adapter
DCK 等径延长接柄

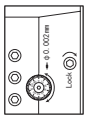




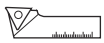
SCB Boring Bar With Solid Carbide Shank
SCB 超硬整体碳化钨钢镗刀杆



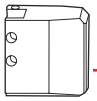
SSB-C32 Boring Bar Wuth Straight Shank
SSB-C32 直柄镗刀杆



FBH Finish Head
FBH 微调滑块



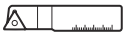
Insert Holder For FBH Boring
FBH 精镗刀座



Balance Weight
平衡滑块



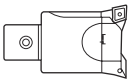
Shim For Insert Holder
刀片座垫片



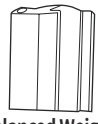
Insert Holder For FBH Back-Boring Head
FBH 精镗反镗刀座



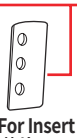
CBA Finish Head
CBA 微调滑块



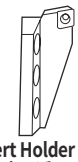
ABH Rough Boring Head
ABH 粗镗头系统组合



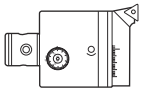
Balanced Weight
滑块



Shim For Insert Holder
刀片座垫片



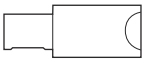
Insert Holder
刀片座及适用刀片



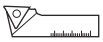
FBH Micro Boring Head
FBH 极细微调精镗刀



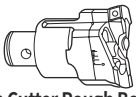
BM8



BM5



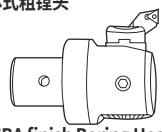
Insert Holder For FBH Boring
FBH 精镗刀座



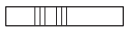
DBH Twin Cutter Rough Boring Head
DBH 分体式粗镗头



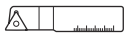
BM140-20



CBA finish Boring Head
CBA 微调精密镗头



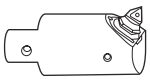
Shim For Insert Holder
刀片座垫片



Insert Holder For FBH Back-Boring Head
FBH 精镗反镗刀座



FBH Micro-Boring Bar
FBH 精镗刀杆



DCK-DYD Micro-boring Bar
DCK-DYD 微调精密镗头



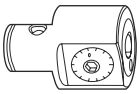
DBJ Collet For Solid Caibide
Boring Bar
DBJ 钨钢刀杆专用筒夹



DT Anti-shaking Solid
Carbide Boring Bar
DT 抗震钨钢刀杆



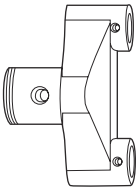
DEB Indexable Insert Holder
For Boring Bar
DEB 拾弃式镗头



DBJ10/16 Micro-Boring Head
DBJ10/16 微调精密镗头



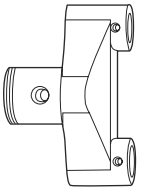
DBJ10/16 Micro-boring Bar
DBJ10/16 微调镗头刀杆



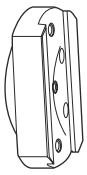
CBA-M Modular Adapter For Pin Turning
CBA-M 微调精密反镗头



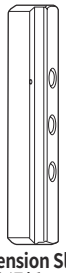
Balance Weight
平衡块



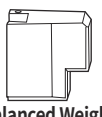
CBA-L Modular Adapter
For Pin Turning
CBA-L 微调精密反镗头



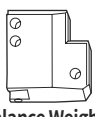
Flange
连接盘



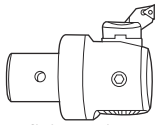
Extension Slider
横向滑板



Balanced Weight
滑块



Balance Weight
平衡滑块

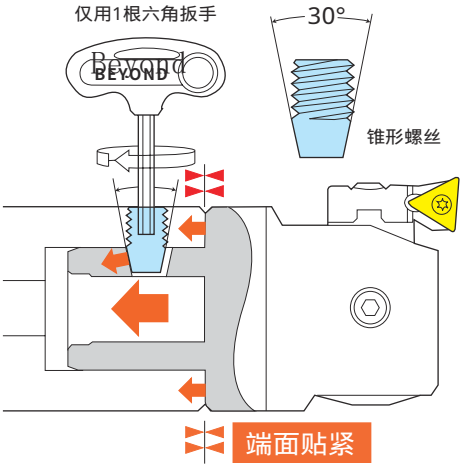


CBA finish Boring Head
CBA 微调精密镗头

CK 模块式镗刀系列 CK MODULAR BORING BAR

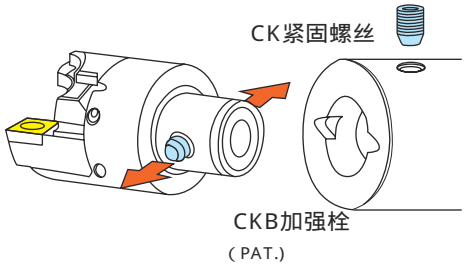
高精度 强力 操作方便——最理想的连接方式

High Precision,Big Power And Easy Operation——the Best Connection Style



要点：1 依靠锥形螺丝，把紧固力转换成轴向拉力，使镗头端面与本体强力贴紧。

要点：2 配有 CKB 加强栓（PAT.），以承受如粗镗等高扭矩加工。

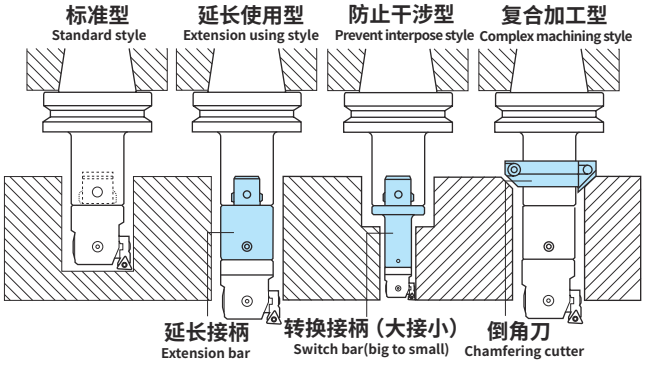


CK No.	剪切强度 (CK 紧固螺丝)
CK1	600kg
CK2	1,100kg
CK3	1,400kg
CK4	3,000kg
CK5	4,700kg
CK6	7,100kg
CK7	16,200kg

因为是模块式

能够自由设定 加工直径和有效加工深度

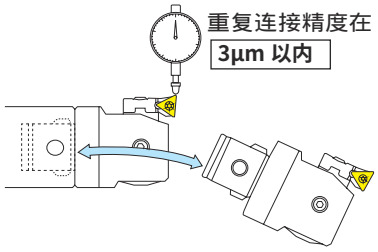
针对不同的工件形状，可以用延长杆加长、或用减径杆减小加工直径。既可以保持刚性，又可以防止干涉。再配合倒角器，可自由组合成最合适的镗孔刀具。



虽然是模块式

重复连接精度在 3μm 以内

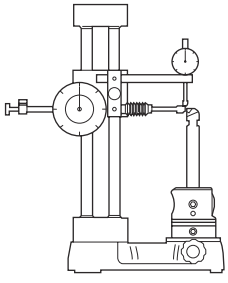
同一镗头多次重复拆、装，刀尖的位置误差不超过 3μm。实际加工中可获得稳定的加工精度。



因为是模块式

只需镗头单独对刀

由于镗头与本体间的重复连接精度非常高，所以只需镗头单独对刀。镗头单体对刀可减轻劳动强度、提高工作效率，并且可事先将各镗头的加工直径调节好，而降低综合成本。



CK 对刀仪

CKP150ZA..... 对应 CK1-CK6
CKP550..... 对应 CK7

特点：

注：
◎依靠 30 度锥形螺丝，把紧固力转换成轴向拉力，使镗刀端面与本体端面贴紧。（如图）
◎模块式设计，可以自由设定加工直径和有效加工深度，配用。转换接头（大接小）减少刀具直径，既可以确保刚性，又可以防止干涉，再配合倒角器可自由组合成最合适的镗削刀具。（如图）
◎因镗头与本体的连接精度非常高所以只需对镗头单独对刀，可减轻劳动强度，提高工作效率，降低综合成本。

Features:

◎ To change settled force into axial pull with the 30 angle taper screw,so the end face of boring bar and holder touch closely.(Show as chart)
◎ Modular designs can set on machining diameter and available process depth freely and easy for choosing.Reducing the cutter diameter of switch head(size)can not only assure the rigidity but also prevent interpose;then cooperating with chamfering machine,there is the most suitable boring bar in free combination.(show as chart)
◎ Because the boring head and holder minutely connected,so we should setting cutiing head separated,Then it can increase the job efficiency,reduce the labor intensity and colligation cost.

EWN 精镗头　EWN FINE BORING HEAD

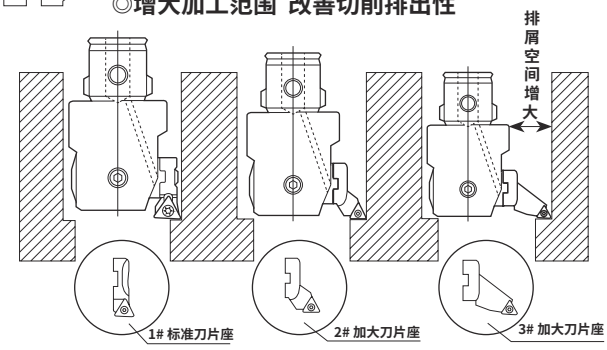
加工范围 :φ20-φ203



特点 1:

只需交换刀片座

◎增大加工范围 改善切削排出性

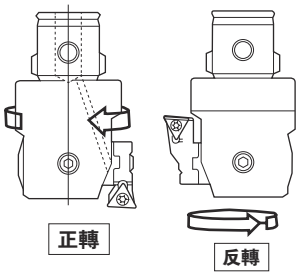


同一镗头可对应 3 种刀片座，加工范围约增大到原来的 3 倍。同时可根据需要灵活组合，增大镗头与孔壁间的空隙，改善切屑的排出性。

特点 2:

满足同轴度的要求

◎标准对应反镗加工



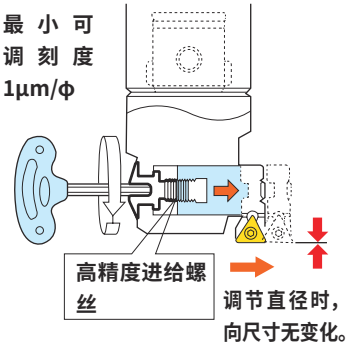
在镗背面的孔时，往往需要将工件反装。这样不仅浪费时间，而且很难保证前后孔的同轴度，EWN 精镗头只需将刀片座反装即可标准对应反镗加工，既能保证精度，又能提高生产效率。

（※ 用 1# 刀片座不能进行反镗加工。）

特点 3:

◎高信赖性进给螺丝

最小可调刻度 1μm/φ



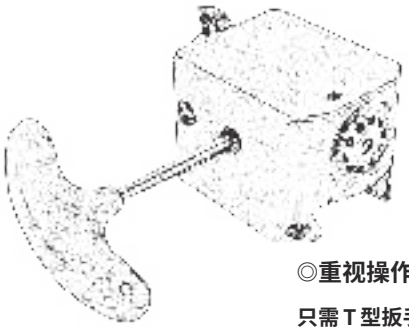
调节直径时，轴向尺寸无变化。

进给螺丝是精镗头的命脉，采用配对生产法，将螺丝与螺母间的齿隙限制在最小，获得最高的信赖性。

因进给螺纹牙距极细小进给到底时或套管轴固定螺丝未放松时绝不能再进刀，否则会破坏进给螺纹。

EWN 150 精镗头（大孔径用）　EWN 150 FINE BORING HEAD

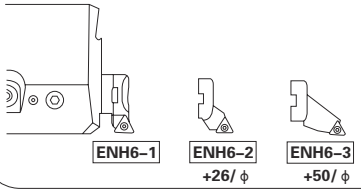
特点 1:



◎重视操作性

只需 T 型扳手 1 把，方便，迅速

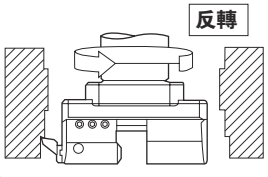
特点 2:　加工范围 :φ150-φ880



◎加工范围增大

通过交换刀片座，增大加工范围

特点 3:



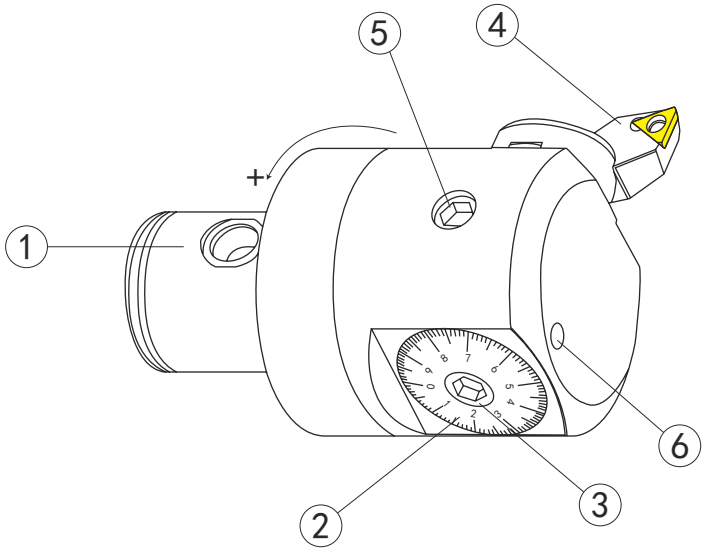
◎對應反鐆加工

只要将刀片座反装，就可以进行反镗。

（※ 用 1# 刀片座不能进行反镗加工）

EWN 产品主要部位名称 THE NAME OF THE MAIN PART OF PRODUCTS WITH EWN

1. EWN shank
   EWN 柄部
2. Micro adjusting knob
   微调旋钮
3. EWN body
   EWN 头部
4. Insent holder
   刀片座
5. Lock screw
   固定螺丝
6. Oil inlet
   注油口



使用顺序 /Sequence of Use

请参照图示，按下列顺序 1-5 顺序操作：
步骤一：松开固定螺丝。
步骤二：按顺时针方向旋转调旋钮，使加工直径增大，调整旋钮刻度为 ϕ0.01mm。
步骤三：按逆时针方向旋转旋钮，使加工直径减小。
步骤四：调整尺寸加工时，请按同方向微调，以确保微调精度。
步骤五：微调至所需尺寸时，请以适当扭力锁紧固定螺丝。

Please operate the following step(1-5)according to the diagram figured:
Step1.Loosening the fixed screws.
Step2.Rotating tune knob by clockwise to increase the processing diameter,the graduate is ϕ0.01mm.
Step3.Rotating by anti-clockwise will decrease the processing diameter.
Step4.When adjusting the size of processing,please fine-tuning by the same direction to ensure mirco adjustment Precision.
Step5.When meet the demanded size,please use the proper force to lock the fasten screws.

使用者注意事项 /Notices of The User

1. 请使用在加工范围内。
2. 当滑座在已锁紧状态下，请勿旋转调整旋钮，否则会导致调整机构被破坏。
3. 滑座之固定，请使用专用扳手，以适当扭力来确保锁紧固定螺丝。过度锁紧会导致座体移位，过松会造成精度不良。
4、本产品是由精密螺丝、移动刀片座旋转调整旋钮，在阻力很大或无法转动时，请停止调整，并确认以下事项：
①固定螺丝是否松开。
②是否超出调整范围。
③当过度旋转调整旋钮时，会导致刀杆和本体卡死，镗头精度被破坏。
5、在使用本产品前，应先加入润滑脂；使用后，应将表面清理干净，浸入防锈油，以免长时间放置后生锈。

1Using in the processing range.
2Do not rotate the adjustment knob when the slide is tightly locked,or the adjusting mechanism will be destroyed.
3Please use special wrench to fix the screw with proper torque force to fix the guide shaft.Too much locking will be screw stem shift, on the contrary,there will be accuracy of non-performing.
4Our products use micro screws,mobile slide to rotate the adjustment knob. You should make sure the following notices and adjusting with great resistance or it can not move:
① Whether the fixed screw is loosened.
② Whether it is out of the adjustment range.
③ Too much force will make cutting tools dead and the precision of boring head destroyed.
5Lubrication grease shall be applied befor working; Please clean it after working and dip it in antirust oil in case of rust.

EWN 微调精密镗头　EWN SMALL DIAMETER FINE BORING HEAD



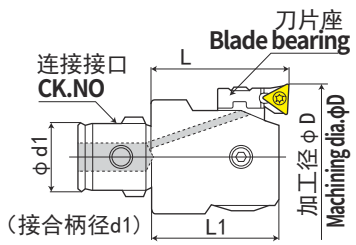
型号说明

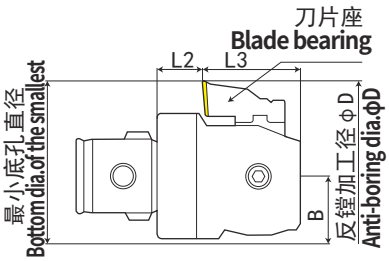
EWN　20-36　CK1

- CK1 — CK NO.
- 20-36 — 加工范围
- EWN — EWN 精镗头（不附带刀片）

备注：

◎加工范围是指TP08刀片半径R0.2、TC11刀片半径R0.4时的值。
◎镗头仅附带 1# 刀片座。（2#/3# 刀片座需要另购）
◎反镗加工时，主轴应反转。





最小底孔直径=B+（反镗加工直径/2）
Diameter of the smallest

规格 / 型号 Model	连接接口 CK.NO	d1	刀片座 Blade bearing	正镗 Boring			反镗 Counter boring				适配刀片 Insert	螺丝 Screw	扳手 Wrench	重量 KGS
				镗孔范围 Boring Range ΦD	L	L1	镗孔范围 Boring Range ΦD	L2	L3	B				
EWN20-36-CK1	CK1	11	ENH1-1	20-26	32.5	29.5	-	10.5	19	10	TPGH0802	M2.2*5	T6	0.07
			ENH1-2	25-31	32.5	29.5	30-31	10.5	19	10	TPGH0802	M2.2*5	T6	0.07
			ENH1-3	30-36	32.5	29.5	30-36	10.5	19	10	TPGH0802	M2.2*5	T6	0.07
EWN25-47-CK2	CK2	14	ENH2-1	25-33	36.5	32.5	-	11.5	21	12.5	TPGH0802	M2.2*5	T6	0.12
			ENH2-2	32-40	36.5	32.5	36-40	11.5	21	12.5	TPGH0802	M2.2*5	T6	0.12
			ENH2-3	39-47	36.5	32.5	39-47	11.5	21	12.5	TPGH0802	M2.2*5	T6	0.12
EWN32-60-CK3	CK3	18	ENH3-1	32-42	42.5	35	-	10	25	16	TPGH0802	M2.2*5	T6	0.21
			ENH3-2	41-51	42.5	35	46-51	10	25	16	TPGH0802	M2.2*5	T6	0.21
			ENH3-3	50-60	42.5	35	50-60	10	25	16	TPGH0802	M2.2*5	T6	0.21
EWN41-74-CK4	CK4	22	ENH4-1	41-54	51.5	43	-	14	29	20	TCGT110204	M2.5*6	T8	0.40
			ENH4-2	50-63	51.5	43	53-63	14	29	20	TCGT110204	M2.5*6	T8	0.40
			ENH4-3	61-74	51.5	43	61-74	14	29	20	TCGT110204	M2.5*6	T8	0.40
EWN53-95-CK5	CK5	28	ENH5-1	53-70	59.5	53	62-70	19	34	25.5	TCGT110204	M2.5*6	T8	1.10
			ENH5-2	65-82	59.5	53	65-82	19	34	25.5	TCGT110204	M2.5*6	T8	1.10
			ENH5-3	78-95	59.5	53	78-95	19	34	25.5	TCGT110204	M2.5*6	T8	1.10
EWN68-150-CK6	CK6	36	ENH6-1	68-100	70	67.2	80-100	22	45.2	32.5	TCGT110204	M2.5*6	T8	1.74
			ENH6-2	94-126	70	67.2	90-126	22	45.2	32.5	TCGT110204	M2.5*6	T8	1.74
			ENH6-3	118-150	70	67.2	118-150	22	45.2	32.5	TCGT110204	M2.5*6	T8	1.74
EWN100-203-CK6	CK6	36	ENH6-1	100-153	71	67.2	112-153	22	45.2	45.5	TCGT110204	M2.5*6	T8	2.46
			ENH6-2	126-179	71	67.2	126-179	22	45.2	45.5	TCGT110204	M2.5*6	T8	2.46
			ENH6-3	150-203	71	67.2	150-203	22	45.2	45.5	TCGT110204	M2.5*6	T8	2.46

注意：EWN 镗头自身允许最高切削速度 1200m/min，但实际加工时还与刀柄的长度、机器及工件的刚性等周边条件有关。
请在容许范围内选择最合适的加工条件。

刀柄请参阅 P
刀片请参阅 P

EWN-ENH 刀片座　EWN-ENH INSERT HOLDER


ENH(1-6)-1


ENH(1-6)-2


ENH(1-6)-3

备注：

◎刀片座不附带刀片，请另行订购。

规格 / 型号 Model	镗孔范围 Boring Range	适配刀片 Insert	螺丝 Screw	扳手 Wrench	对应镗头 Boring head	规格 / 型号 Model	镗孔范围 Boring Range	适配刀片 Insert	螺丝 Screw	扳手 Wrench	对应镗头 Boring head
ENH1-1	20-26	TPGH0802	M2.2*5	T6	EWN20-36-CK1	ENH4-1	41-54	TCGT110204	M2.5*6	T8	EWN41-74-CK4
ENH1-2	25-31	TPGH0802	M2.2*5	T6	EWN20-36-CK1	ENH4-2	50-63	TCGT110204	M2.5*6	T8	EWN41-74-CK4
ENH1-3	30-36	TPGH0802	M2.2*5	T6	EWN20-36-CK1	ENH4-3	61-74	TCGT110204	M2.5*6	T8	EWN41-74-CK4
ENH2-1	25-33	TPGH0802	M2.2*5	T6	EWN25-47-CK2	ENH5-1	53-70	TCGT110204	M2.5*6	T8	EWN53-95-CK5
ENH2-2	32-40	TPGH0802	M2.2*5	T6	EWN25-47-CK2	ENH5-2	65-82	TCGT110204	M2.5*6	T8	EWN53-95-CK5
ENH2-3	39-47	TPGH0802	M2.2*5	T6	EWN25-47-CK2	ENH5-3	78-95	TCGT110204	M2.5*6	T8	EWN53-95-CK5
ENH3-1	32-42	TPGH0802	M2.2*5	T6	EWN32-60-CK3	ENH6-1	68-100	TCGT110204	M2.5*6	T8	EWN68-150-CK6 EWN100-203-CK6
ENH3-2	41-51	TPGH0802	M2.2*5	T6	EWN32-60-CK3	ENH6-2	94-126	TCGT110204	M2.5*6	T8	
ENH3-3	50-60	TPGH0802	M2.2*5	T6	EWN32-60-CK3	ENH6-3	118-150	TCGT110204	M2.5*6	T8	

镗孔刀具系列 BORING HEAD

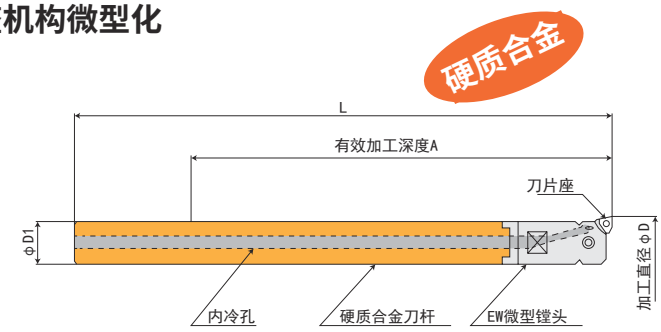
硬质合金刀杆 EW 微型精镗头　加工范围 φ15-φ22

高信赖性、最小刻度 0.01mm/φ 的精密调整机构微型化

◎仅有微量的偏心、对应高速加工

◎一体型硬质合金刀杆、高刚性





型号说明

ST14 W EW 15 110L

- 110L：有效加工深度
- 15：最小加工直径
- EW：精镗头
- W：硬质合金
- ST14：直柄直径

规格 / 型号 Model	φD1	加工直径 φD	L	A	刀片座	适用刀片	适用刀片固定螺丝组合
ST14W-EW15-110L	14	15-18	151	110	EN15	WC02	S2S-B
ST14W-EW15-140L	14	15-18	181	140	EN15	WC02	S2S-B
ST16W-EW18-100L	16	18-22	144	100	EN15	WC02	S2S-B
ST16W-EW18-160L	16	18-22	204	160	EN15	WC02	S2S-B

◎硬质合金刀杆与微型镗头是一体的，不能单独销售。
◎不附带刀片，请另外订购。

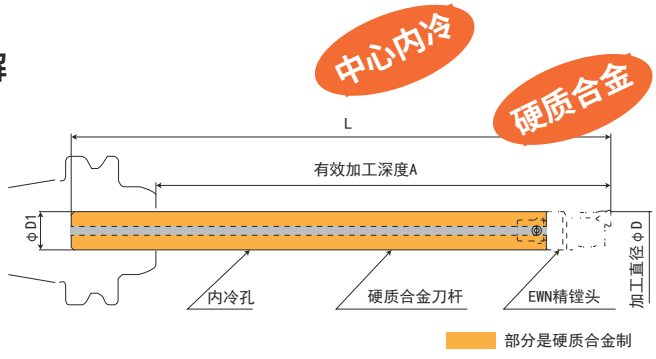
请注意　根据工件材质的不同，加工深度有可能不能达到［有效加工深度］

CK 硬质合金直杆刀柄　加工范围 φ20-φ60

利用硬质合金将不可能变成可能

◎利用硬质合金刀杆，深孔加工的难题迎刃而解





型号说明

ST19 W CK1 130L

- 130L：有效加工深度
- CK1：CK NO.
- W：硬质合金
- ST19：直杆刀柄

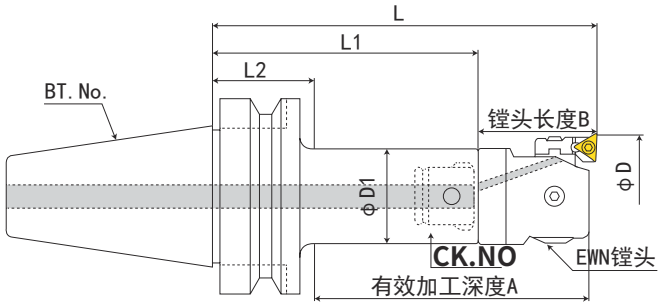
规格 / 型号 Model	φD1	加工范围 φD	L	A	适用精镗头
ST19W-CK1-130L	19	20-36	172.5	130	EWN20-36-CK1
ST19W-CK1-180L	19	20-36	222.5	180	EWN20-36-CK1
ST19W-CK1-230L	19	20-36	272.5	230	EWN20-36-CK1
ST24W-CK2-150L	24	25-47	195.5	150	EWN25-47-CK2
ST24W-CK2-210L	24	25-47	255.5	210	EWN25-47-CK2
ST24W-CK2-280L	24	25-47	325.5	280	EWN25-47-CK2
ST31W-CK3-160L	31	32-60	240	160	EWN32-60-CK3
ST31W-CK3-240L	31	32-60	320	240	EWN32-60-CK3
ST31W-CK3-310L	31	32-60	390	310	EWN32-60-CK3

◎不附带 EWN 精镗头

请注意　根据工件材质的不同，加工深度有可能不能达到［有效加工深度］

BT30/40-EWN 微调精密镗头 BT30/40-EWN SMALL DIAMETER FINE BORING HEAD





P.334 P.370

型号说明

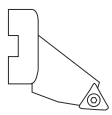
BT30 EWN20 105L

- 105L：全长 L
- EWN20：EWN20-36-CK1 镗头
- BT30：BT 刀柄

规格 / 型号 Model	组合内容 Tool Connection		连接接口 CK.NO	全长 L	刀柄长 L1	L2	镗头长度 B	刀柄外径 φD1	镗孔范围 Boring Rangeφ D	有效深度 A	重量 KGS
	CK 刀柄 CK Shank	EWN 镗头 Boring head									
BT30-EWN20-88L	BT30-CK1-55L	EWN20-36CK1	CK1	87.5	55	27	32.5	19	20-36	60.5	0.77
BT30-EWN20-103L	BT30-CK1-70L	EWN20-36CK1	CK1	102.5	70	27	32.5	19	20-36	75.5	0.8
BT30-EWN25-116L	BT30-CK2-80L	EWN25-47CK2	CK2	115.5	80	27	35.5	24	25-47	88.5	0.92
BT30-EWN32-120L	BT30-CK3-80L	EWN32-60CK3	CK3	120	80	27	40	31	32-60	93	1.11
BT30-EWN41-117L	BT30-CK4-70L	EWN41-74CK4	CK4	117	70	27	47	39	41-74	90	1.4
BT30-EWN53-117L	BT30-CK5-60L	EWN53-95CK5	CK5	117	60	27	57	50	53-95	90	2.2
BT30-EWN68-111L	BT30-CK6-60L	EWN68-105CK6	CK6	111	60	27	71	63	68-105	84	2.94
BT40-EWN20-108L	BT40-CK1-75L	EWN20-36CK1	CK1	107.5	75	32	32.5	19	20-36	75.5	1.07
BT40-EWN20-138L	BT40-CK1-105L	EWN20-36CK1	CK1	137.5	105	32	32.5	19	20-36	105.5	1.27
BT40-EWN25-121L	BT40-CK2-85L	EWN25-47CK2	CK2	120.5	85	32	35.5	24	25-47	88.5	1.32
BT40-EWN25-151L	BT40-CK2-115L	EWN25-47CK2	CK2	150.5	115	32	35.5	24	25-47	118.5	1.42
BT40-EWN32-135L	BT40-CK3-95L	EWN32-60CK3	CK3	135	95	32	40	31	32-60	103	1.51
BT40-EWN32-165L	BT40-CK3-125L	EWN32-60CK3	CK3	165	125	32	40	31	32-60	133	1.61
BT40-EWN32-195L	BT40-CK3-155L	EWN32-60CK3	CK3	195	155	32	40	31	32-60	163	1.71
BT40-EWN32-225L	BT40-CK3-185L	EWN32-60CK3	CK3	225	185	32	40	31	32-60	193	1.81
BT40-EWN41-132L	BT40-CK4-85L	EWN41-74CK4	CK4	132	85	32	47	39	41-74	100	1.85
BT40-EWN41-177L	BT40-CK4-130L	EWN41-74CK4	CK4	177	130	32	47	39	41-74	145	1.9
BT40-EWN41-222L	BT40-CK4-175L	EWN41-74CK4	CK4	222	175	32	47	39	41-74	190	2.5
BT40-EWN41-252L	BT40-CK4-205L	EWN41-74CK4	CK4	252	205	32	47	39	41-74	220	2.6
BT40-EWN41-297L	BT40-CK4-250L	EWN41-74CK4	CK4	297	250	32	47	39	41-74	265	2.7
BT40-EWN53-132L	BT40-CK5-75L	EWN53-95CK5	CK5	132	75	32	57	50	53-95	100	2.8
BT40-EWN53-182L	BT40-CK5-125L	EWN53-95CK5	CK5	182	125	32	57	50	53-95	150	3.05
BT40-EWN53-232L	BT40-CK5-175L	EWN53-95CK5	CK5	232	175	32	57	50	53-95	200	4.1
BT40-EWN53-262L	BT40-CK5-205L	EWN53-95CK5	CK5	262	205	32	57	50	53-95	230	4.3
BT40-EWN53-307L	BT40-CK5-250L	EWN53-95CK5	CK5	307	250	32	57	50	53-95	275	4.6
BT40-EWN68-136L	BT40-CK6-65L	EWN68-105CK6	CK6	136	65	32	71	63	68-105	104	3.89
BT40-EWN68-186L	BT40-CK6-115L	EWN68-105CK6	CK6	186	115	32	71	63	68-105	154	5.24
BT40-EWN68-236L	BT40-CK6-165L	EWN68-105CK6	CK6	236	165	32	71	63	68-105	204	5.59
BT40-EWN68-276L	BT40-CK6-205L	EWN68-105CK6	CK6	276	205	32	71	63	68-105	244	5.84

备注：

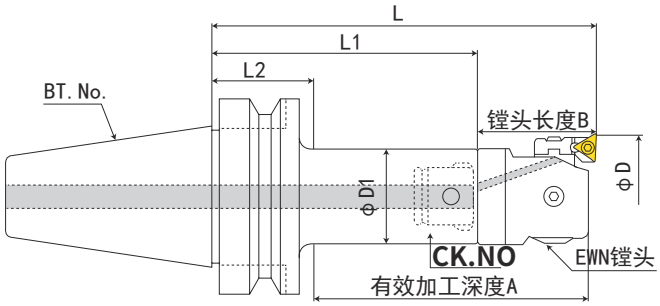
◎标准配置为 EWN20-ENH1-1 刀片座、ENH1-2 与 ENH1-3 刀片座需另购
◎订购时请说明使用刀片座型号
◎各种镗头所配置的刀头与扳手键槽是同相位
◎要个别购买的情况下，请写明规格
◎出货时会分开包装（CK 刀柄 /EWN 镗头）
◎刀片座有三种形式可交换使用，增大加工范围。例如：BT30-EWN20-88L 不同刀片座的加工范围，请参照右侧表格

标准型刀片座	另购型刀片座	
ENH1-1	ENH1-2	ENH1-3
镗孔范围 φ20-26 	镗孔范围 φ25-31 	镗孔范围 φ30-36 

镗孔刀具系列 BORING HEAD

BT50-EWN 微调精密镗头 BT50-EWN SMALL DIAMETER FINE BORING HEAD





P.K06 P.K39

型号说明

BT50 EWN20 123L

- 123L：全长 L
- EWN20：EWN20-36-CK1 镗头
- BT50：BT 刀柄

规格 / 型号 Model	组合内容 Tool Connection		连接接口 CK.NO	全长 L	刀柄长 L1	L2	镗头长度 B	刀柄外径 φD1	镗孔范围 Boring RangeφD	有效深度 A	重量 KGS
	CK 刀柄 CK Shank	EWN 镗头 Boring head									
BT50-EWN20-123L	BT50-CK1-90L	EWN20-36CK1	CK1	122.5	90	43	32.5	19	20-36	79.5	3.77
BT50-EWN20-138L	BT50-CK1-115L	EWN20-36CK1	CK1	137.5	115	43	32.5	19	20-36	94.5	3.97
BT50-EWN20-168L	BT50-CK1-145L	EWN20-36CK1	CK1	167.5	145	43	32.5	19	20-36	124.5	4.47
BT50-EWN20-198L	BT50-CK1-175L	EWN20-36CK1	CK1	197.5	175	43	32.5	19	20-36	154.5	4.57
BT50-EWN25-126L	BT50-CK2-90L	EWN25-47CK2	CK2	125.5	90	43	35.5	24	25-47	82.5	3.92
BT50-EWN25-146L	BT50-CK2-110L	EWN25-47CK2	CK2	145.5	110	43	35.5	24	25-47	102.5	4.12
BT50-EWN25-176L	BT50-CK2-140L	EWN25-47CK2	CK2	175.5	140	43	35.5	24	25-47	132.5	5.12
BT50-EWN25-211L	BT50-CK2-175L	EWN25-47CK2	CK2	210.5	175	43	35.5	24	25-47	167.5	5.3
BT50-EWN32-130L	BT50-CK3-90L	EWN32-60CK3	CK3	130	90	43	40	31	32-60	87	4.61
BT50-EWN32-165L	BT50-CK3-125L	EWN32-60CK3	CK3	165	125	43	40	31	32-60	122	4.81
BT50-EWN32-195L	BT50-CK3-155L	EWN32-60CK3	CK3	195	155	43	40	31	32-60	152	5.01
BT50-EWN32-225L	BT50-CK3-185L	EWN32-60CK3	CK3	225	185	43	40	31	32-60	182	5.21
BT50-EWN32-255L	BT50-CK3-215L	EWN32-60CK3	CK3	255	215	43	40	31	32-60	212	5.41
BT50-EWN41-137L	BT50-CK4-90L	EWN41-74CK4	CK4	137	90	43	47	39	41-74	94	5
BT50-EWN41-162L	BT50-CK4-115L	EWN41-74CK4	CK4	162	115	43	47	39	41-74	119	5.2
BT50-EWN41-192L	BT50-CK4-145L	EWN41-74CK4	CK4	192	145	43	47	39	41-74	149	5.4
BT50-EWN41-222L	BT50-CK4-175L	EWN41-74CK4	CK4	222	175	43	47	39	41-74	179	5.6
BT50-EWN41-252L	BT50-CK4-205L	EWN41-74CK4	CK4	252	205	43	47	39	41-74	209	5.8
BT50-EWN41-297L	BT50-CK4-250L	EWN41-74CK4	CK4	297	250	43	47	39	41-74	254	6
BT50-EWN41-347L	BT50-CK4-300L	EWN41-74CK4	CK4	347	300	43	47	39	41-74	304	6.2
BT50-EWN41-397L	BT50-CK4-350L	EWN41-74CK4	CK4	397	350	43	47	39	41-74	354	6.4
BT50-EWN53-147L	BT50-CK5-90L	EWN53-95CK5	CK5	147	90	43	57	50	53-95	104	6.5
BT50-EWN53-162L	BT50-CK5-105L	EWN53-95CK5	CK5	162	105	43	57	50	53-95	119	6.8
BT50-EWN53-207L	BT50-CK5-150L	EWN53-95CK5	CK5	207	150	43	57	50	53-95	164	7.1
BT50-EWN53-237L	BT50-CK5-180L	EWN53-95CK5	CK5	237	180	43	57	50	53-95	194	7.4
BT50-EWN53-297L	BT50-CK5-240L	EWN53-95CK5	CK5	297	240	43	57	50	53-95	254	7.7
BT50-EWN53-327L	BT50-CK5-270L	EWN53-95CK5	CK5	327	270	43	57	50	53-95	284	8
BT50-EWN53-357L	BT50-CK5-300L	EWN53-95CK5	CK5	357	300	43	57	50	53-95	314	8.3
BT50-EWN53-407L	BT50-CK5-350L	EWN53-95CK5	CK5	407	350	43	57	50	53-95	364	8.6
BT50-EWN68-166L	BT50-CK6-95L	EWN68-105CK6	CK6	166	95	43	71	63	68-105	123	7.64
BT50-EWN68-221L	BT50-CK6-150L	EWN68-105CK6	CK6	221	150	43	71	63	68-105	178	8.24
BT50-EWN68-241L	BT50-CK6-170L	EWN68-105CK6	CK6	241	170	43	71	63	68-105	198	8.84
BT50-EWN68-276L	BT50-CK6-205L	EWN68-105CK6	CK6	276	205	43	71	63	68-105	233	9.44
BT50-EWN68-301L	BT50-CK6-230L	EWN68-105CK6	CK6	301	230	43	71	63	68-105	258	10.04
BT50-EWN68-341L	BT50-CK6-270L	EWN68-105CK6	CK6	341	270	43	71	63	68-105	298	10.64
BT50-EWN68-371L	BT50-CK6-300L	EWN68-105CK6	CK6	371	300	43	71	63	68-105	328	11.24
BT50-EWN68-421L	BT50-CK6-350L	EWN68-105CK6	CK6	421	350	43	71	63	68-105	378	11.84
BT50-EWN68-471L	BT50-CK6-400L	EWN68-105CK6	CK6	471	400	43	71	63	68-105	428	12.44
BT50-EWN68-521L	BT50-CK6-450L	EWN68-105CK6	CK6	521	450	43	71	63	68-105	478	13.04

SDJ 微调精镗刀系列 SDJ FINISH BORING HEAD

《镗孔范围 φ20-φ202mm》 《Boring Range from φ20-φ202mm》

SDJ 精镗头特点介绍
SDJBoring Head Feature

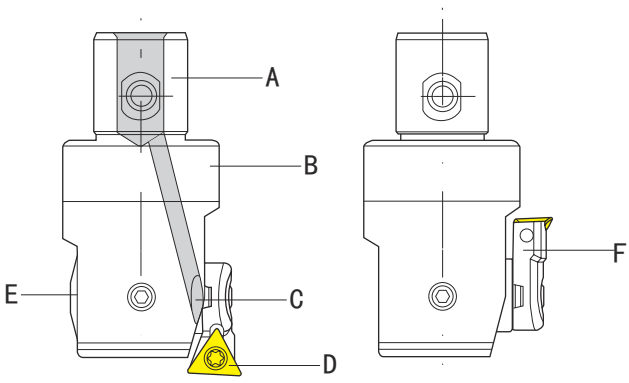
特点：

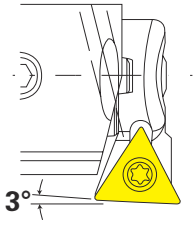
注：

◎ A：搭配 LBK 系列刀柄，也可与 CK 系列刀柄相容
◎ B：采用特殊表面处理，加强防锈效果
◎ C：内藏式出水孔，易於排屑与冷却
◎ D：替换式刀片座设计，可模块化组合使用
◎ E：微调单位：每刻度移动量为 0.01mm
◎ F：替换式刀座反装，可作反镗加工（参考规格表）

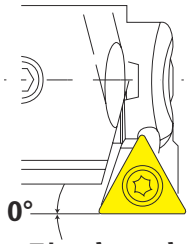
Features:

◎ A:Suitable for combining with LBK series of tool holders as well as CK series of tool holders.
◎ B:With special coating treatment,to strengthen the anti-corrosion effect.
◎ C:Built-in coolant nozzle easy for chip removal and work cooling.
◎ D:The insert seat has an exchangeable design and can be used after combination.
◎ E:Micro-adjustment unitl each unit is 0.01mm.
◎ F:The insert seat has an exchangeable for anti-loaded,and do back boring processing.(Refer to type)





標準刀座：3度

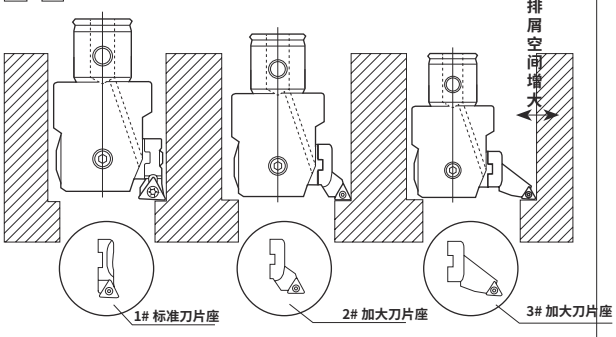


E型刀座：0度

特点 1:

只需交换刀片座

◎增大加工范围 改善切削排出性

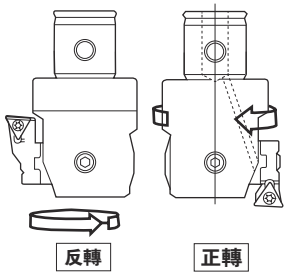


同一镗头可对应 3 种刀片座，加工范围约增大到原来的 3 倍。同时可根据需要灵活组合，增大镗头与孔壁间的空隙，改善切屑的排出性。

特点 2:

满足同轴度的要求

◎标准对应反镗加工



在镗背面的孔时，往往需要将工件反装。这样不仅浪费时间，而且很难保证前后孔的同轴度，EWN 精镗头只需将刀片座反装即可标准对应反镗加工，既能保证精度，又能提高生产效率。

（※ 用 1# 刀片座不能进行反镗加工。）

特点：

注：

◎ ENH 刀片座，可完全包覆住心轴，提升稳固性
◎三种尺寸刀片座，可加大镗孔范围，镗孔范围 φ25-φ203
◎ ENH-2# 及 ENH-3# 刀片座，只能做背镗加工，ENH-1# 刀片座仅 CBA52、CBA68、CBA100 才能做背镗加工
◎标准刀片座为 3 度切让角，另有 E 型刀片座为 0 度切让角，可供客户选择

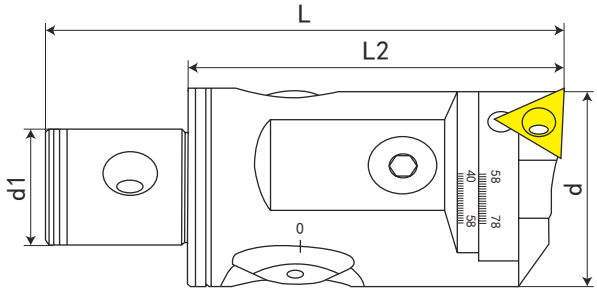
Features:

◎ ENH insert seat can be completely coated to live spindle and enhance stability.
◎ Three type insert seat can increase the range of Boring,boring rangeφ25 toφ203mm.
◎ ENH-2 and ENH-3 insert seat can do back boring processing,ENH-1 insert seat can do back boring processing only CBA52 CBA68 CBA100.
◎ ENH insert seat have 3 degree cut so that angle another the ENH-E type 0 degree cut angle for customers to choose.

镗孔刀具系列 BORING HEAD

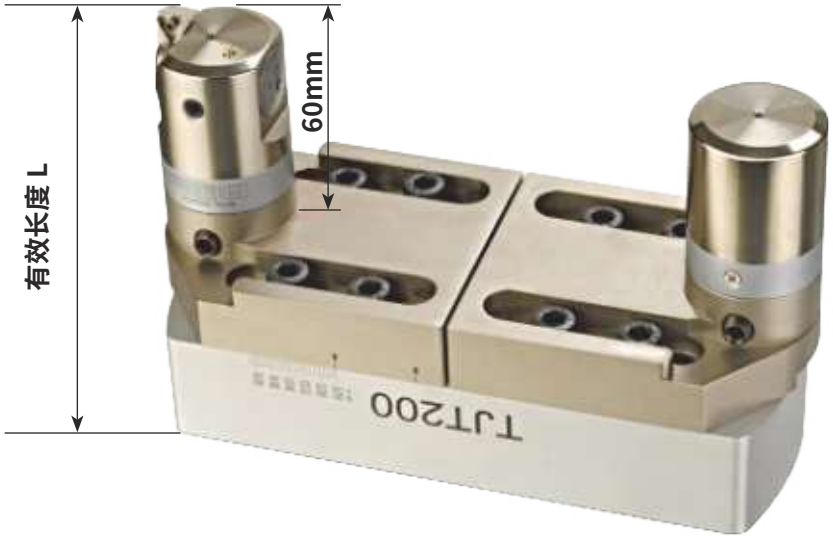
SDJ 微调精镗刀 SDJ FINE TUNING BORING HEAD





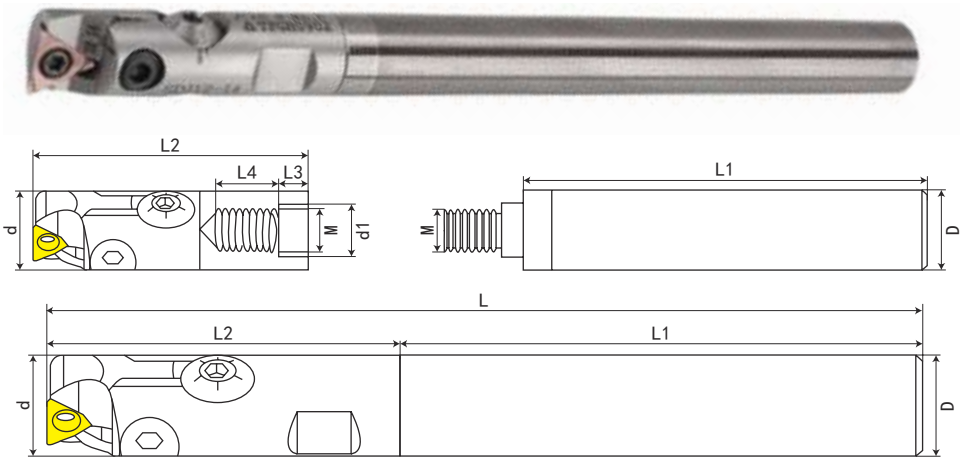
规格 / 型号 Model	连接接口 LBK.NO	接柄直径 d1	镗刀直径 d	镗刀总长 L	有效长度 L2	镗孔范围 Boring RangeφD	适配刀片 Insert
SDJ20	LBK1	11	19	51	38	20-28	专用 TPGE09 通用 TPGH09
SDJ25	LBK2	14	24	58	42	25-47	专用 TPGE09 通用 TPGH09
SDJ32	LBK3	18	31	68	48	32-66	专用 TPGE09 通用 TPGH09
SDJ40	LBK4	22	39	81	57	40-78	专用 TPGE09 通用 TPGH09
SDJ52	LBK5	28	50	99	69	52-108	专用 TPGE09 通用 TPGH09
SDJ68	LBK6	36	63	123	83	68-114	专用 TPGE09 通用 TPGH09
SDJ114	LBK6	36	63	123	83	114-160	专用 TPGE09 通用 TPGH09

TJT200 以上精镗系列 TJT ABOVE200MM FINE BORING SERIES



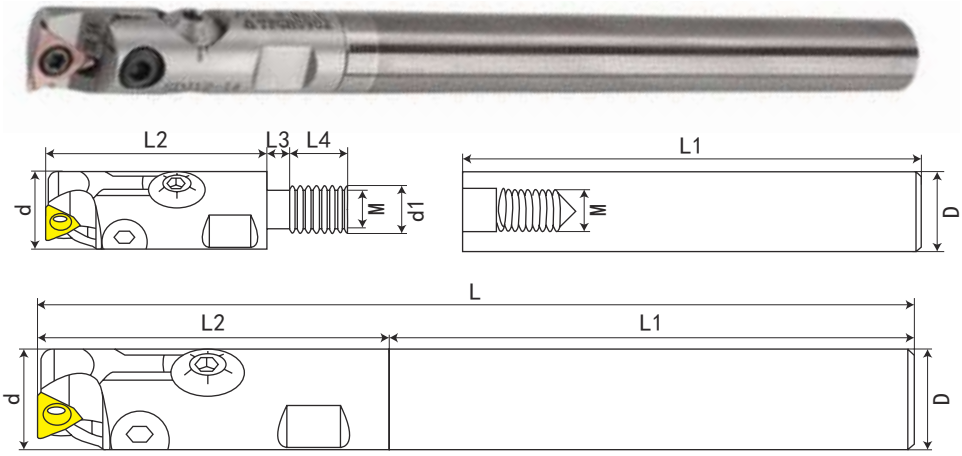
规格 / 型号 Model	适配刀柄	镗孔范围 Boring RangeφD	有效长度 L	镗外圆范围	适配刀片 Insert	搭配扳手	刀把螺丝扳手	重量 KGS
TJT200-310	BST 系列	ϕ200-ϕ310	117	ϕ86-ϕ216	TC**1102**L	3/4/6	T8	3.1
TJT300-410	BST 系列	ϕ300-ϕ410	117	ϕ186-ϕ316	TC**1102**L	3/4/6	T8	3.9
TJT400-510	BST 系列	ϕ400-ϕ510	121	ϕ286-ϕ416	TC**1102**L	3/4/6	T8	5
TJT500-610	BST 系列	ϕ500-ϕ610	122	ϕ386-ϕ516	TC**1102**L	3/4/6	T8	5.86

SDJ 微调精镗刀杆 SDJ FINE BORING SHANK



规格 / 型号 Model	接柄直径 D	镗刀直径 d	镗头总长 L2	镗刀总长 L	有效长度 L	镗孔范围 Boring RangeφD	适配刀片 Insert
SDJ0809-WT	φ7/ 整体钨钢杆	φ7.3	-	120/98/82	80/58/42	8-9	通用 TBGT06
SDJ0910-WT	φ8/ 整体钨钢杆	φ8.3	-	130/110/95	90/70/55	9-10	通用 TBGT06
SDJ1012-WT	φ9/ 整体钨钢杆	φ9.3	-	137/120/95	100/80/55	10-12	通用 TBGT06
SDJ1214-WE/WH	φ11/ 钨钢杆	φ11	40	160/134/112	120/94/72	12-14	专用 TPGE09 通用 TPGH09
SDJ1417-WE/WH	φ13/ 钨钢杆	φ13	45	180/162/124	140/123/84	14-17	专用 TPGE09 通用 TPGH09
SDJ1621-WE/WH	φ15/ 钨钢杆	φ15	47	192/168/136	150/128/96	16-21	专用 TPGE09 通用 TPGH09

SDJ 微调精镗刀杆 SDJ FINE BORING SHANK

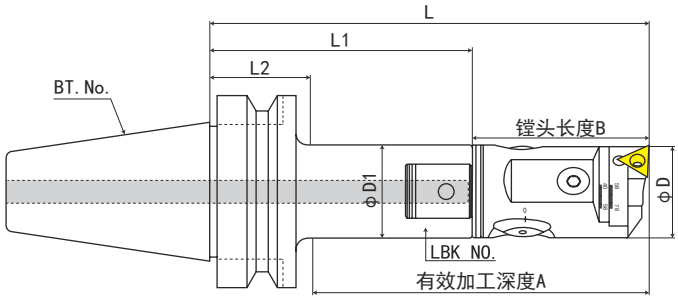


规格 / 型号 Model	接柄直径 D	镗刀直径 d	镗头总长 L2	镗刀总长 L	有效长度 L	镗孔范围 Boring RangeφD	适配刀片 Insert
SDJ0809-WT	φ7/ 整体钨钢杆	φ7.3	-	120/98/82	80/58/42	8-9	通用 TBGT06
SDJ0910-WT	φ8/ 整体钨钢杆	φ8.3	-	130/110/95	90/70/55	9-10	通用 TBGT06
SDJ1012-WT	φ9/ 整体钨钢杆	φ9.3	29	137/120/95	100/80/55	10-12	通用 TBGT06
SDJ1214-WE/WH	φ11/ 钨钢杆	φ11	35	160/134/112	120/94/72	12-14	专用 TPGE09 通用 TPGH09
SDJ1417-WE/WH	φ13/ 钨钢杆	φ13	38	180/162/124	140/123/84	14-17	专用 TPGE09 通用 TPGH09
SDJ1621-WE/WH	φ15/ 钨钢杆	φ15	38	192/168/136	150/128/96	16-21	专用 TPGE09 通用 TPGH09

镗孔刀具系列 BORING HEAD

BT30/40-SDJ 微调精镗刀杆 BT30/40-SDJ FINE BORING SHANK





型号说明

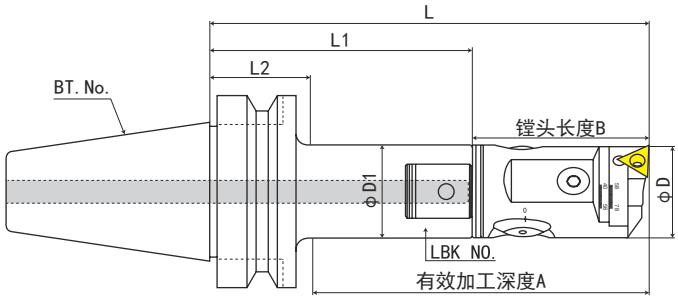
BT30 SDJ20 93L

- 93L：全长 L
- SDJ20：SDJ20 镗头
- BT30：BT 刀柄

规格 / 型号 Model	组合内容 Tool Connection		连接接口 LBK.NO	全长 L	刀柄长 L1	L2	镗头长度 B	刀柄外径 φD1	镗孔范围 Boring RangeφD	有效深度 A	重量 KGS
	LBK 刀柄 LBK Shank	SDL 镗头 Boring head									
BT30-SDJ20-93L	BT30-LBK1-55L	SDJ20	LBK1	93	55	27	38	19	20-28	70	
BT30-SDJ20-108L	BT30-LBK1-70L	SDJ20	LBK1	108	70	27	38	19	20-28	85	
BT30-SDJ25-122L	BT30-LBK2-80L	SDJ25	LBK2	122	80	27	42	24	25-47	99	
BT30-SDJ32-122L	BT30-LBK3-80L	SDJ32	LBK3	122	80	27	48	31	32-66	105	
BT30-SDJ40-127L	BT30-LBK4-70L	SDJ40	LBK4	127	70	27	57	39	40-78	104	
BT30-SDJ52-129L	BT30-LBK5-60L	SDJ52	LBK5	129	60	27	69	50	52-108	106	
BT30-SDJ68-143L	BT30-LBK6-60L	SDJ68	LBK6	143	60	27	83	63	68-114	120	
BT40-SDJ20-110L	BT40-LBK1-75L	SDJ20	LBK1	110	75	32	38	19	20-28	85	
BT40-SDJ20-140L	BT40-LBK1-105L	SDJ20	LBK1	140	105	32	38	19	20-28	115	
BT40-SDJ25-127L	BT40-LBK2-85L	SDJ25	LBK2	127	85	32	42	24	25-47	99	
BT40-SDJ25-157L	BT40-LBK2-115L	SDJ25	LBK2	157	115	32	42	24	25-47	129	
BT40-SDJ32-143L	BT40-LBK3-95L	SDJ32	LBK3	143	95	32	48	31	32-66	115	
BT40-SDJ32-173L	BT40-LBK3-125L	SDJ32	LBK3	173	125	32	48	31	32-66	145	
BT40-SDJ32-203L	BT40-LBK3-155L	SDJ32	LBK3	203	155	32	48	31	32-66	175	
BT40-SDJ32-233L	BT40-LBK3-185L	SDJ32	LBK3	233	185	32	48	31	32-66	205	
BT40-SDJ40-142L	BT40-LBK4-85L	SDJ40	LBK4	142	85	32	57	39	40-78	114	
BT40-SDJ40-187L	BT40-LBK4-130L	SDJ40	LBK4	187	130	32	57	39	40-78	159	
BT40-SDJ40-232L	BT40-LBK4-175L	SDJ40	LBK4	232	175	32	57	39	40-78	204	
BT40-SDJ40-262L	BT40-LBK4-205L	SDJ40	LBK4	262	205	32	57	39	40-78	234	
BT40-SDJ40-307L	BT40-LBK4-250L	SDJ40	LBK4	307	250	32	57	39	40-78	279	
BT40-SDJ52-144L	BT40-LBK5-75L	SDJ52	LBK5	144	75	32	69	50	52-108	116	
BT40-SDJ52-194L	BT40-LBK5-125L	SDJ52	LBK5	194	125	32	69	50	52-108	166	
BT40-SDJ52-244L	BT40-LBK5-175L	SDJ52	LBK5	244	175	32	69	50	52-108	216	
BT40-SDJ52-274L	BT40-LBK5-205L	SDJ52	LBK5	274	205	32	69	50	52-108	246	
BT40-SDJ52-319L	BT40-LBK5-250L	SDJ52	LBK5	319	250	32	69	50	52-108	291	
BT40-SDJ68-148L	BT40-LBK6-65L	SDJ68	LBK6	148	65	32	83	63	68-114	120	
BT40-SDJ68-198L	BT40-LBK6-115L	SDJ68	LBK6	198	115	32	83	63	68-114	170	
BT40-SDJ68-248L	BT40-LBK6-165L	SDJ68	LBK6	248	165	32	83	63	68-114	220	
BT40-SDJ68-288L	BT40-LBK6-205L	SDJ68	LBK6	288	205	32	83	63	68-114	260	

BT50-SDJ 微调精镗刀杆 BT50-SDJ FINE BORING SHANK





型号说明

BT30 SDJ20 93L

- 93L：全长 L
- SDJ20：SDJ20 镗头
- BT30：BT 刀柄

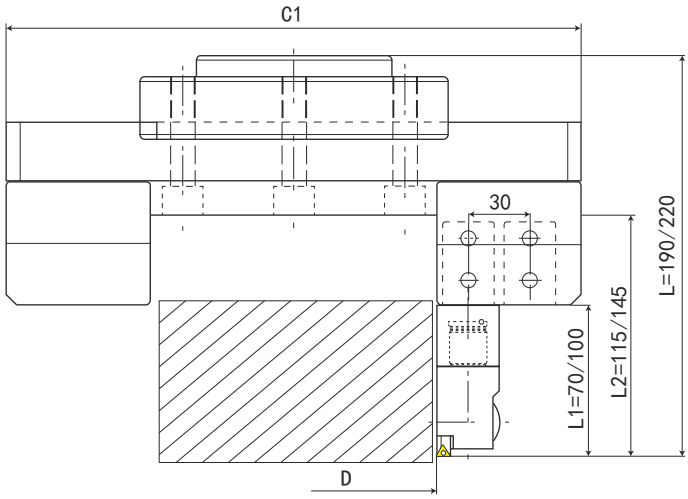
规格 / 型号 Model	组合内容 Tool Connection		连接接口 LBK.NO	全长 L	刀柄长 L1	L2	镗头长度 B	刀柄外径 φD1	镗孔范围 Boring RangeφD	有效深度 A	重量 KGS
	LBK 刀柄 LBK Shank	SDL 镗头 Boring head									
BT50-SDJ20-128L	BT50-LBK1-90L	SDJ20	LBK1	128	90	43	38	19	20-28	90	
BT50-SDJ20-153L	BT50-LBK1-115L	SDJ20	LBK1	153	115	43	38	19	20-28	115	
BT50-SDJ20-183L	BT50-LBK1-145L	SDJ20	LBK1	183	145	43	38	19	20-28	145	
BT50-SDJ20-213L	BT50-LBK1-175L	SDJ20	LBK1	213	175	43	38	19	20-28	175	
BT50-SDJ25-132L	BT50-LBK2-90L	SDJ25	LBK2	132	90	43	42	24	25-47	94	
BT50-SDJ25-152L	BT50-LBK2-110L	SDJ25	LBK2	152	110	43	42	24	25-47	114	
BT50-SDJ25-182L	BT50-LBK2-140L	SDJ25	LBK2	182	140	43	42	24	25-47	144	
BT50-SDJ25-217L	BT50-LBK2-175L	SDJ25	LBK2	217	175	43	42	24	25-47	179	
BT50-SDJ32-138L	BT50-LBK3-90L	SDJ32	LBK3	138	90	43	48	31	32-66	100	
BT50-SDJ32-173L	BT50-LBK3-125L	SDJ32	LBK3	173	125	43	48	31	32-66	135	
BT50-SDJ32-203L	BT50-LBK3-155L	SDJ32	LBK3	203	155	43	48	31	32-66	165	
BT50-SDJ32-233L	BT50-LBK3-185L	SDJ32	LBK3	233	185	43	48	31	32-66	195	
BT50-SDJ32-263L	BT50-LBK3-215L	SDJ32	LBK3	263	215	43	48	31	32-66	225	
BT50-SDJ40-147L	BT50-LBK4-90L	SDJ40	LBK4	147	90	43	57	39	40-78	109	
BT50-SDJ40-172L	BT50-LBK4-115L	SDJ40	LBK4	172	115	43	57	39	40-78	134	
BT50-SDJ40-202L	BT50-LBK4-145L	SDJ40	LBK4	202	145	43	57	39	40-78	164	
BT50-SDJ40-232L	BT50-LBK4-175L	SDJ40	LBK4	232	175	43	57	39	40-78	194	
BT50-SDJ40-262L	BT50-LBK4-205L	SDJ40	LBK4	262	205	43	57	39	40-78	224	
BT50-SDJ40-307L	BT50-LBK4-250L	SDJ40	LBK4	307	250	43	57	39	40-78	269	
BT50-SDJ40-357L	BT50-LBK4-300L	SDJ40	LBK4	357	300	43	57	39	40-78	319	
BT50-SDJ40-407L	BT50-LBK4-350L	SDJ40	LBK4	407	350	43	57	39	40-78	369	
BT50-SDJ52-159L	BT50-LBK5-90L	SDJ52	LBK5	159	90	43	69	50	52-108	121	
BT50-SDJ52-174L	BT50-LBK5-105L	SDJ52	LBK5	174	105	43	69	50	52-108	136	
BT50-SDJ52-219L	BT50-LBK5-150L	SDJ52	LBK5	219	150	43	69	50	52-108	181	
BT50-SDJ52-249L	BT50-LBK5-180L	SDJ52	LBK5	249	180	43	69	50	52-108	211	
BT50-SDJ52-309L	BT50-LBK5-240L	SDJ52	LBK5	309	240	43	69	50	52-108	271	
BT50-SDJ52-339L	BT50-LBK5-270L	SDJ52	LBK5	339	270	43	69	50	52-108	301	
BT50-SDJ52-369L	BT50-LBK5-300L	SDJ52	LBK5	369	300	43	69	50	52-108	331	
BT50-SDJ52-419L	BT50-LBK5-350L	SDJ52	LBK5	419	350	43	69	50	52-108	381	
BT50-SDJ68-178L	BT50-LBK6-95L	SDJ68	LBK6	178	95	43	83	63	68-114	140	
BT50-SDJ68-233L	BT50-LBK6-150L	SDJ68	LBK6	233	150	43	83	63	68-114	195	
BT50-SDJ68-253L	BT50-LBK6-170L	SDJ68	LBK6	253	170	43	83	63	68-114	215	
BT50-SDJ68-288L	BT50-LBK6-205L	SDJ68	LBK6	288	205	43	83	63	68-114	250	
BT50-SDJ68-313L	BT50-LBK6-230L	SDJ68	LBK6	313	230	43	83	63	68-114	275	
BT50-SDJ68-353L	BT50-LBK6-270L	SDJ68	LBK6	353	270	43	83	63	68-114	315	
BT50-SDJ68-383L	BT50-LBK6-300L	SDJ68	LBK6	383	300	43	83	63	68-114	345	
BT50-SDJ68-423L	BT50-LBK6-350L	SDJ68	LBK6	433	350	43	83	63	68-114	395	
BT50-SDJ68-483L	BT50-LBK6-400L	SDJ68	LBK6	483	400	43	83	63	68-114	445	
BT50-SDJ68-533L	BT50-LBK6-450L	SDJ68	LBK6	533	450	43	83	63	68-114	495	

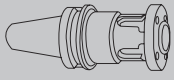
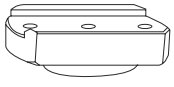
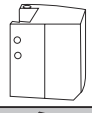
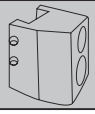
镗孔刀具系列 BORING HEAD

φ200 以上 CBR 组合式外圆微调精镗刀系列 《外圆镗孔范围 φ10-φ850mm》

CBR MODULAR EXTERNAL FINISH BORING HEAD 《Boring Range from φ10-φ850mm》

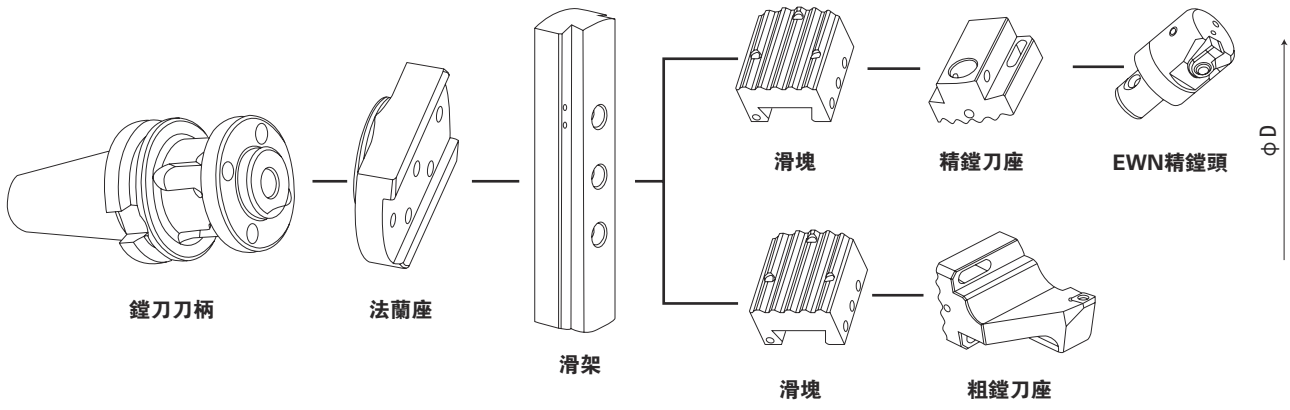


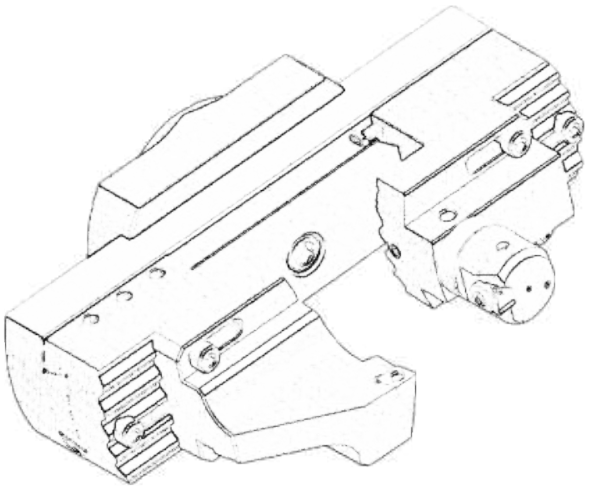


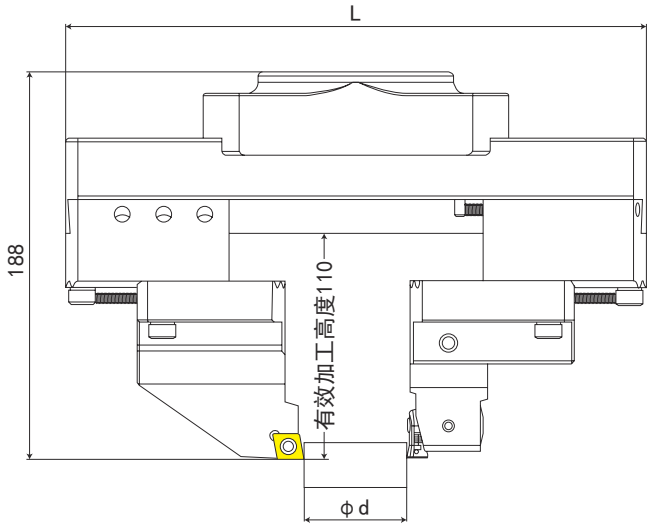
镗头型号 Boring Head Type	型号 Tape			CBR200	CBR300	CBR400	CBR500	CBR600	CBR900
	镗头长度 L2(mm)			190/220					
	有效长 Z(mm)			115/145					
	整组重量 (kg) Total Weight(kg)	合金钢 Alloy Steel		9.5	11.5	13.5	15.5	33	47
		铝合金 Aluminum Alloy		7	8	8.8	9.6	16	22.3
	加工直径 φD(mm) Boring Diameter			10-150	10-250	10-350	10-450	10-550	10-850
组合形式 Module	接合刀杆 Taper Shank			BT50-BST-100L				BT50-FMA-47.625	
	连接盘 Flange			BR200				BR600	BR900
	重量 (KG) Weight	合金钢 Alloy Steel		合金钢 Alloy Steel 2.7kg				19	29
		铝合金 Aluminum Alloy						8.8	13.5
	横向滑板 Extension Slide			RST200	RST300	RST400	RST500	RST300*2 只 (pieces)	RST400*2 只 (pieces)
	重量 (KG) Weight	合金钢 Alloy Steel		3.4	5.4	7.4	9.4	10.8	14.8
		合金钢 Alloy Steel		1.1	1.9	2.7	3.5	3.8	5.4
	平衡滑块 Balance Weight			RBN200					
	重量 (KG) Weight			1.6kg					
	外圆滑块 Clamp BASE			HBR200					
	重量 (KG) Weight			1.3kg					
	外圆用接杆 Adapter External Boring			C25-LBK3-30			C25-LBK3-60		
	重量 (KG) Weight			0.3			0.5		
	接合刀头 Applicable Boring Heads			CBH32					

粗精复合内孔外圆一体式镗刀

COMPOUNDED BORING TOOL FOR BOTH ROUGH AND FINE BORING, EXTERNAL AND INTERNAL DIAMETER MACHINING







加工直径 ϕd Processing diameter	法兰座 Flange seat	滑架 Slide block		滑块 Slider	精镗刀座 Fine boring holder	粗镗刀座 Rough boring holder	ENW 精镗头 ENW fine boring head
		型号（质量）	L				
50-150	(2.75kg)	RST300(5.6kg)	300	1.3kg	1.1kg	1.6kg	ENW41-74LBK4(0.4kg)
150-250	(2.75kg)	RST400(7.7kg)	400	1.3kg	1.1kg	1.6kg	刀片座 ENH4-1
250-350	(2.75kg)	RST500(9.8kg)	500	1.3kg	1.1kg	1.6kg	对应刀片 TC11 TP11

特点：

注：

◎适合内孔外圆粗精一体加工

◎一个镗刀即可加工内孔也可加工外圆

◎更经济实惠，效率更高

Features:

◎ Compounded boring tool for both rough and fine boring, external and inter machining

◎ Suitable for intermal and external diameter machining

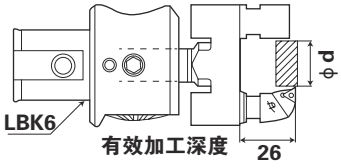
◎ One boring tool can machining external and internal diameter more economic and high efficiency.

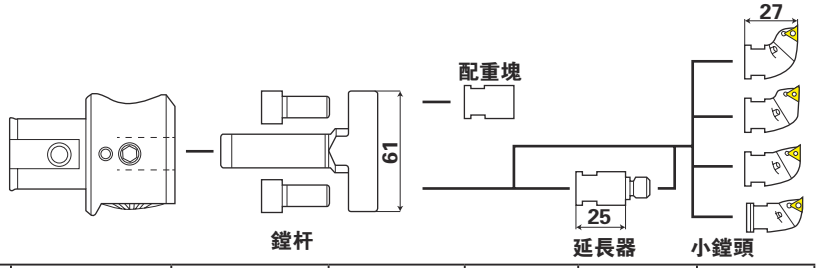
镗孔刀具系列 BORING HEAD

外径镗系列 - S 型 OUTSIDE DIAMETER BORING SERIES-S TYPE

《加工范围 φ0.5-φ27》 《Processing range: φ0.5-φ27》







加工直径 φd Processing diameter	EW 镗头 EW boring head	镗杆 Boring bar	配重块 Clump weight	延长器 Extender	小镗头 Small boring head	对应刀片 Blade
0.5-9	WBH2-50LBK6 (1.05kg)	ST16-SL27-55 (0.20kg)	BW-M10(0.02kg)	M1010-25 (0.02kg)	BE36A	TPGH0802
9-17					BE28A	
17-23					BE22A	
23-27					BE18A	

特点:

注:
◎最大、最小加工直径是在使用刀尖半径 R0.2 的刀片时的值。
◎不附带刀片，请另外订购
◎加工时，主轴应反转
◎请注意偏心变化时干涉范围也会发生变化
◎用于加工中心、镗铣床上的外径加工
◎和原来的轮廓加工方法相比，提高了圆度、表面粗糙度、尺寸精度以及加工效率。

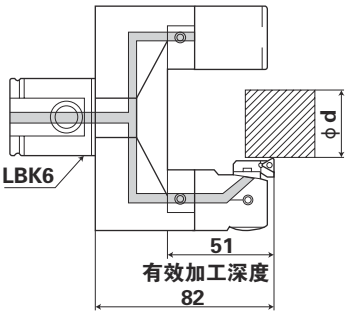
Features:

◎ The maximum,minimum diameter of processing is the use of tool nose radius R0.2 insert value.
◎ Without blade,please order.
◎ The processing,the spindle should be reversed.
◎ Please note the eccentric changes when the interference range will also change.
◎ For outside diameter machining center,milling and boring machine.
◎ Compared with the original method to improve the contour machining,roundness,surface roughness,dimensional accuracy and machining efficiency.

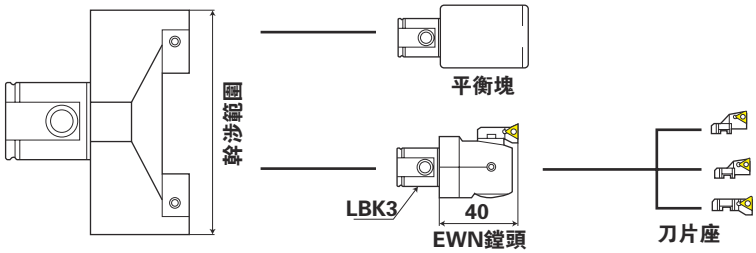
外径镗系列 - M 型 OUTSIDE DIAMETER BORING SERIES-M TYPE

《加工范围 φ25-φ102》 《Processing range: φ25-102》





EWN 镗头反向装可以进行镗孔加工
加工范围：φd117-φd194
请注意镗孔加工时主轴正反



加工直径 φd Processing diameter	基础架 foundation frame	ENW 镗头 ENW boring head	平衡块 Equalizers	刀片座 Blade bearing	对应刀片 Blade
21-34	LBK6-SL2552-42 (1.4kg) 干涉范围 φ117	ENW32-60LBK3 (0.21kg)	BW-LBK3-WBH (0.2kg)	ENH3-3	TPGH0802
34-43				ENH3-2	TPGH0802
43-52				ENH3-1	TPGH0802
50-59	LBK6-SL5077-42 (1.61kg) 干涉范围 φ142			ENH3-3	TPGH0802
59-68				ENH3-2	TPGH0802
68-77				ENH3-1	TPGH0802
75-84	LBK6-SL75102-42 (1.61kg) 干涉范围 φ167			ENH3-3	TPGH0802
84-93				ENH3-2	TPGH0802
93-102				ENH3-1	TPGH0802

特点:

注:
◎最大、最小加工直径是在使用刀尖半径 R0.2 的刀片时的值
◎不包括镗头、平衡块、刀片座及刀片
◎主轴反转
◎用于加工中心、镗铣床上的外径加工
◎和原来的轮廓加工方法相比，提高了圆度、表面粗糙度、尺寸精度以及加工效率

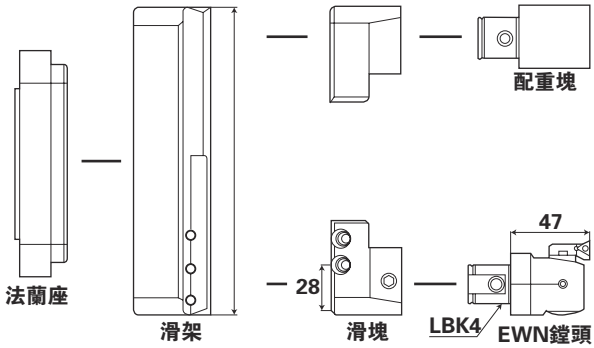
Features:

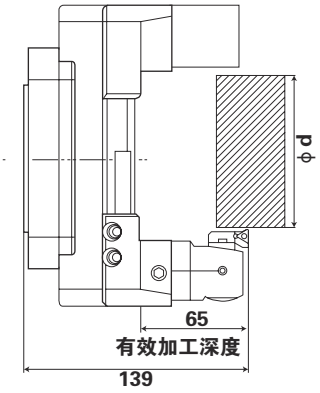
◎ The maximum,minimum diameter of processing is the use of tool nose radius R 0.2 insert value.
◎ Not including the gun head,a balance block,the blade base and the blade.
◎ Spindle turn.
◎ For outside diameter machining center,milling and boring machine.
◎ Compared with the original method to improve the contour machining,roundness,surface roughness,dimensional accuracy and machining efficiency.

外径镗系列 -L 型 OUTSIDE DIAMETER BORING SERIES-L TYPE

《加工范围 φ21-φ622》 《Processing range: φ21-φ622》







加工直径 φd Processing diameter	法兰座 Flange seat	滑架 Slide block 型号（质量）	L	滑块 Slider	ENW 精镗头 ENW fine boring head	配重块 Clump weight
21-54	FI135 FL135/90 (2.75kg)	SL150-200(2.5kg)	135	CB56-LBK4-19 (0.56kg)	ENW41-74-LBK4 (0.4kg) 刀片座 ENH4-1 对应刀片 TCGT110204 TPGH110304	BW-LBK4-WBH (0.4kg)
21-102		SL200-270(3.5kg)	183			
91-172		SL270-340(4.9kg)	253			
161-242		SL340-410(6.3kg)	323			
231-312		SL410-480(7.7kg)	393			
301-382		SL480-550(9.1kg)	463			
371-452	FL220 FL220/90 (4.0kg)	SL550-620(10.6kg)	533			
441-522		SL620-690(12.0kg)	603			
511-592		SL690-760(13.5kg)	673			
581-622		SL760-830(14.9kg)	743			

特点：

注：

◎最大、最小加工直径是在使用刀尖半径 R0.4 的刀片时的值。

◎ EWN 镗头上附带 1 只刀片座 (ENH4-1), 但不附带刀片，请另外订购

◎加工时，主轴应反转

◎使用 FL135.FL200 时刀尖方向与传动键方向同相位，使用 FL135/90.FL200/90 时刀尖方向与传动键方向垂直

◎用于加工中心、镗铣床上的外径加工

◎和原来的轮廓加工方法相比，提高了圆度、表面粗糙度、尺寸精度以及加工效率。

Features:

◎ The maximum,minimum diameter of processing is the use of tool nose radius R0.4 insert value

◎ WBH boring head with 1 blade holder(ENH4-1),but not with the blade,please order.

◎ The processing,the spindle should be reversed.

◎ The use of FL135.FL200 nose direction and drive health direction and phase,when using the FL135/90.FL200/90 tip direction and perpendicular to the direction of transmission key.

◎ For outside diameter machining center,milling and boring machine.

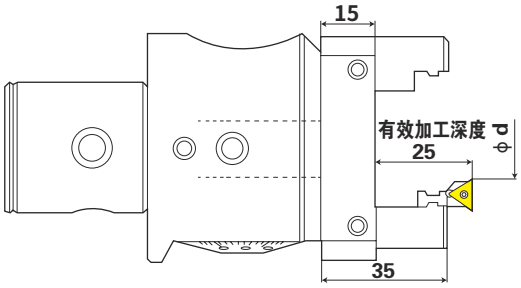
◎ Compared with the original method to improve the contour machining,roundness,surface roughness,dimensional accuracy and machining efficiency.

镗孔刀具系列 BORING HEAD

外径镗系列 -SII型 OUTSIDE DIAMETER BORING SERIES-S II TYPE

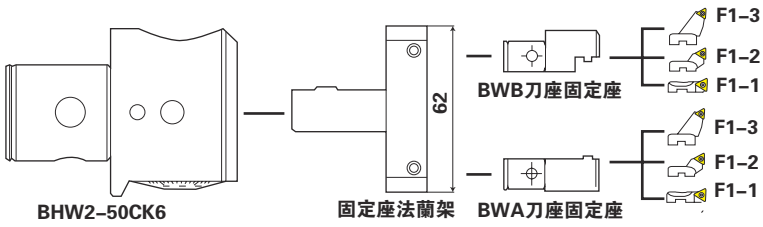
《加工范围 φ2.5-φ32》 《Processing range: φ2.5-φ32》





特点:

注:
◎最小镗外径 φ2.5mm 到最大镗外径 φ32mm，且镗外径可取得最佳真圆度比程序来得更精准
◎使用 ENH 刀片座固定座时，BWB 固定座即为平衡块，相反时 BWA 亦为平衡块



组合型号 Model	加工径 φd	BHW 精镗头	固定座 法兰架	刀片 固定座	刀片座	刀片 Insert
BHW2-50-CK6-S	2.5-12.5	BHW2-50-CK6	BW	BWA	F1-3	3° TPGH0802
	7.5-17.5			BWA	F1-2	
	12.5-22.5			BWA	F1-1	
	12.5-22.5			BWB	F1-3	
	17.5-27.5			BWB	F1-2	
	22.5-32.5			BWB	F1-1	

◎捨弃式刀片非附属品，必须另外购买
◎ BWA 和 BWB 共附有刀片座 F1-1、F1-2、F1-3 各 1 个

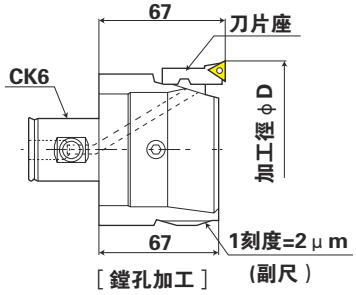
EWB 铝合金制精镗头 EWB BIG DIAMETER FINE BORING HEAD

加工范围： φ100-φ203

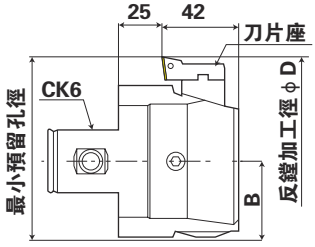
中心给水 重量：600g/800g 最大切削速度 2,000mm/min 心给水

特点:

注:
◎高张力铝合金再加上硬化镀层制成轻量型精镗头。
◎因 ATC 自动换刀有重量限制，最适合小型切削中心机使用。



[镗孔加工]



[反镗加工]

型号说明

EWB 100-153 CK6 AL
- AL: 铝合金材质
- CK6: CK NO.
- 100-153: 加工范围
- EWB: 精镗头

最小预留孔径 =B+(反镗加工径 /2)

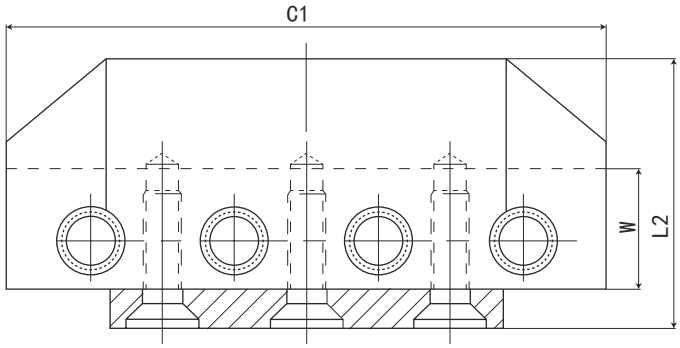
组合型号 Model	CK NO.	镗孔加工	反镗加工		重量 KGS	刀片座标准附属品	刀片
		加工径 φD	加工径 φD	B			
EWB100-153-CK6-AL	CK6	100-153	112-153	45.5	0.6kg	ENH6-1	TCGT110204
EWB150-203-CK6-AL	CK6	150-203	150-203	63.5	0.8kg	ENH6-1	TCGT110204

◎加工径的数据，是使用 TCGT110204 R0.4 的刀片所生产的
◎捨弃式刀片非附属口，必须另外购买
◎ EWB 精镗头内含刀片座 ENH4-1×1 个

请注意 EWB 精镗头本身容许的最大切削速度是 2，000m/min，但是因为 CK 柄径之长短与使用机械的刚性等因素考虑，试加工时请由低速开始，依实际状况慢慢提升，找出最合适的加工条件。

WBST 四方柄径镗孔刀架 WBST TOOL REST





规格 / 型号 Model	φD 镗孔范围 Boring Range		组合刀柄 BST No.	L2	C1	W	重量 KGS
	Min.	Max.					
A-WBST150	150	250	BST	55	125	25	2.50
S-WBST150	150	250	BST	55	125	25	1.03
A-WBST200	200	300	BST	55	175	25	3.60
S-WBST200	200	300	BST	55	175	25	1.50
A-WBST300	300	400	BST	55	275	25	6.00
S-WBST300	300	400	BST	55	275	25	2.34
A-WBST400	400	500	BST	55	375	25	8.30
S-WBST400	400	500	BST	55	375	25	3.17

特点：

注：
规格 A- 材质为铝合金，规格 S- 材质为合金钢

Features:

◎ Type A-made of aluminum alloy,type S-alloy steel.

WBST 刀盘专用四方柄镗刀 WBST SQUARE SHANK BORING TOOL HOLDER FOR WBST TOOL REST



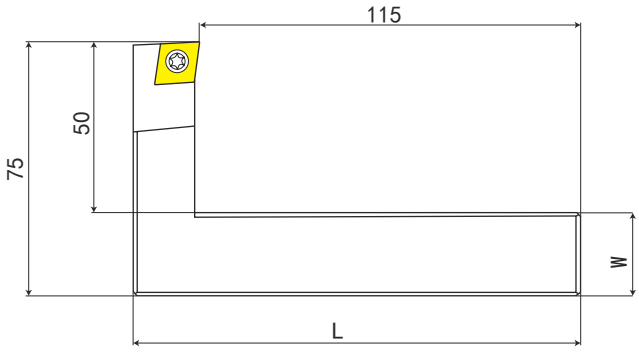


规格 / 型号 Model	W	L	使用刀片 Insert	螺丝 Screw	扳手 Wrench	扭力值 (N.m)Torque	重量 KGS
BSB25-T16-135L	25	135	TCMT16..	M4-10-5.0-43	T15	3.0	0.67
BSB25-T22-135L	25	135	TCMT22..	M5-11-7.0-55	T20	5.0	0.67
BSB25-C12-135L	25	135	CCMT12..	M5-11-7.0-55	T20	5.0	0.67
BSB25-S12-135L	25	135	SCMT12..	M5-11-7.0-55	T20	5.0	0.67

WBST 刀盘专用四方柄外圆镗刀

WBST SQUARE SHANK EXTERNAL BORING TOOL HOLDER FOR WBST TOOL REST



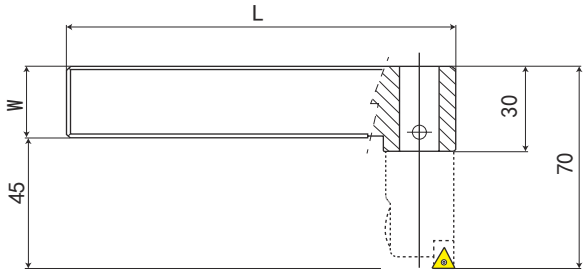


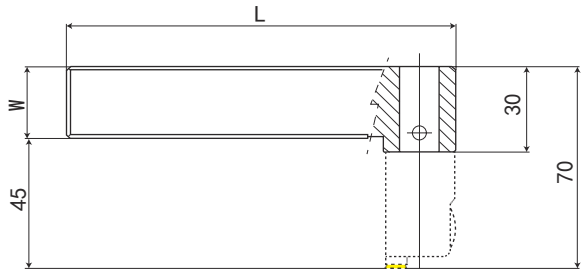
规格 / 型号 Model	W	L	有效加工深度 A	使用刀片 Insert	螺丝 Screw	扳手 Wrench	扭力值 (N.m)Torque	重量 KGS
EBSB25-T16-135-50	25	135	40	TCMT16T304	M4-10-5.0-43	T15	3.0	0.80
EBSB25-C12-135-50	25	135	40	CCMT120404	M5-11-7.0-55	T20	5.0	0.80

WBST 刀盘专用四方柄内外圆精镗孔刀架

INTERNAL & EXTERNAL SQUARE SHANK FINISH BORING TOOL HOLDER FOR WBST TOOL REST







规格 / 型号 Model	W	L	有效加工深度 A	镗头 Boring head	使用刀片 Insert	螺丝 Screw	扳手 Wrench	扭力值 (N.m) Torque	重量 KGS
BSB19-CK2-135L	19	135	36	EWN25	TPGH080204	M2-5.0-3.1-60	T6	0.6	0.43
BSB19-CK2-180L	19	180	36	EWN25	TPGH080204	M2-5.0-3.1-60	T6	0.6	0.63
BSB25-CK2-135L	25	135	36	EWN25	TPGH080204	M2-5.0-3.1-60	T6	0.6	0.63
BSB25-CK2-180L	25	180	36	EWN25	TPGH080204	M2-5.0-3.1-60	T6	0.6	1
BSB32-CK3-150L	32	150	36	EWN32	TPGH080204	M2-5.0-3.1-60	T6	0.6	1.2
BSB32-CK3-200L	32	200	36	EWN32	TPGH080204	M2-5.0-3.1-60	T6	0.6	1.4
BSB32-CK3-250L	32	250	36	EWN32	TPGH080204	M2-5.0-3.1-60	T6	0.6	1.6
BSB32-CK3-300L	32	300	36	EWN32	TPGH080204	M2-5.0-3.1-60	T6	0.6	1.8

特点:

注:
◎此规格不含镗刀头，此刀架也可以与 BSB 刀柄配合使用，方便快捷，经济实用，BSB 刀柄请参阅 P 页

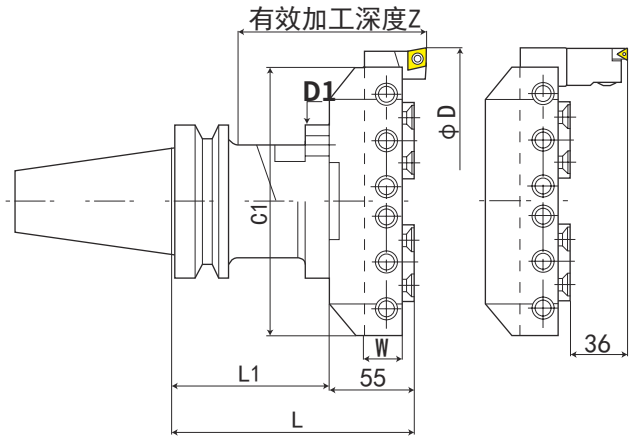
Features:

◎ Boring head is not included.

WBST 四方柄大径镗刀 +BST 刀柄

SQUARE SHANK LARGE HOLE BORING HEAD FITTED WITH WBST TOOL REST+BST SHANK





镗孔范围	精 度	刀 杆
φ150-φ510	φ0.01mm	BST
Boring Range	Diameter Accuracy	BST NO.

WBST 四方柄镗孔刀架 +BST 刀柄 +BSB25 四方柄镗刀

规格 / 型号 Model	φD 镗孔范围 Boring Range		有效加工深度 Z	组合内容 Tool Connection		组合刀柄 BST No.	L	L1	D1	重量 KGS
	Min.	Max.		BST 刀杆 BST Shank	WBST 刀杆 WBST Tool Rest					
BT40-WBST150-125L	150	260	90	BT40-BST-70L	WBST150	BST	150	70	95	5.70
BT40-WBST200-125L	200	310	90	BT40-BST-70L	WBST200	BST	150	70	95	6.80
BT50-WBST150-155L	150	260	110	BT50-BST-100L	WBST150	BST	155	100	95	7.60
BT50-WBST150-205L	150	260	160	BT50-BST-150L	WBST150	BST	205	150	95	9.30
BT50-WBST150-255L	150	260	210	BT50-BST-200L	WBST150	BST	255	200	95	12.1
BT50-WBST150-305L	150	260	260	BT50-BST-250L	WBST150	BST	305	250	95	14
BT50-WBST150-355L	150	260	310	BT50-BST-300L	WBST150	BST	355	300	95	16
BT50-WBST150-405L	150	260	360	BT50-BST-350L	WBST150	BST	405	350	95	18.6
BT50-WBST150-455L	150	260	410	BT50-BST-400L	WBST150	BST	455	400	95	21.8
BT50-WBST200-155L	200	310	110	BT50-BST-100L	WBST200	BST	155	100	95	8.70
BT50-WBST200-205L	200	310	160	BT50-BST-150L	WBST200	BST	205	150	95	10.4
BT50-WBST200-255L	200	310	210	BT50-BST-200L	WBST200	BST	255	200	95	13.2
BT50-WBST200-305L	200	310	260	BT50-BST-250L	WBST200	BST	305	250	95	15.1
BT50-WBST200-355L	200	310	310	BT50-BST-300L	WBST200	BST	355	300	95	17.1
BT50-WBST200-405L	200	310	360	BT50-BST-350L	WBST200	BST	405	350	95	19.7
BT50-WBST200-455L	200	310	410	BT50-BST-400L	WBST200	BST	455	400	95	22.9
BT50-WBST300-155L	300	410	110	BT50-BST-100L	WBST300	BST	155	100	95	11.1
BT50-WBST300-205L	300	410	160	BT50-BST-150L	WBST300	BST	205	150	95	12.8
BT50-WBST300-255L	300	410	210	BT50-BST-200L	WBST300	BST	255	200	95	15.6
BT50-WBST300-305L	300	410	260	BT50-BST-250L	WBST300	BST	305	250	95	17.5
BT50-WBST300-355L	300	410	310	BT50-BST-300L	WBST300	BST	355	300	95	19.5
BT50-WBST300-405L	300	410	360	BT50-BST-350L	WBST300	BST	405	350	95	22.1
BT50-WBST300-455L	300	410	410	BT50-BST-400L	WBST300	BST	455	400	95	25.3
BT50-WBST400-155L	400	510	110	BT50-BST-100L	WBST400	BST	155	100	95	13.4
BT50-WBST400-205L	400	510	160	BT50-BST-150L	WBST400	BST	205	150	95	15.1
BT50-WBST400-255L	400	510	210	BT50-BST-200L	WBST400	BST	255	200	95	17.9
BT50-WBST400-305L	400	510	260	BT50-BST-250L	WBST400	BST	305	250	95	19.8
BT50-WBST400-355L	400	510	310	BT50-BST-300L	WBST400	BST	355	300	95	21.8
BT50-WBST400-405L	400	510	360	BT50-BST-350L	WBST400	BST	405	350	95	24.4
BT50-WBST400-455L	400	510	410	BT50-BST-400L	WBST400	BST	455	400	95	27.6

特点：

注：

◎此规格不含 BSB25 四方柄镗刀

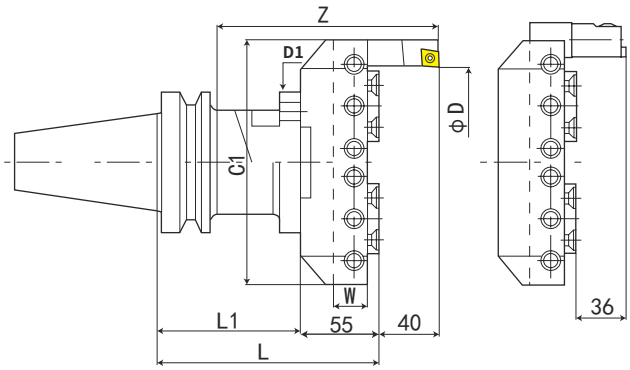
Features:

◎ Option of BSB25 Shank Boring Tool Holder.

WBST 四方柄大径镗刀 +BST 刀杆外圆加工用

SQUARE SHANK LARGE HOLE BORING HEAD FITTED WITH WBST TOOL REST+BST SHANK FOR EXTERNAL BORING





镗孔范围	精 度	刀 杆
φ80-φ450	φ0.01mm	BST
Boring Range	Diameter Accuracy	BST NO.

WBST 四方柄镗孔刀架 +BST 刀柄 +BSB25 四方柄外圆镗刀

规格 / 型号 Model	φD 镗孔范围 Boring Range		Z	加工深度 A	组合内容 Tool Connection		组合刀柄 BST No.	L	L1	D1	重量 KGS
	Min.	Max.			BST 刀杆 BST Shank	WBST 刀杆 WBST Tool Rest					
BT40-WBST150-125	80	200	90	36	BT40-BST-70L	WBST150	BST	150	70	95	5.70
BT40-WBST200-125	130	250	90	36	BT40-BST-70L	WBST200	BST	150	70	95	6.80
BT50-WBST150-155	80	200	110	36	BT50-BST-100L	WBST150	BST	155	100	95	7.60
BT50-WBST150-205	80	200	160	36	BT50-BST-150L	WBST150	BST	205	150	95	9.30
BT50-WBST150-255	80	200	210	36	BT50-BST-200L	WBST150	BST	255	200	95	12.1
BT50-WBST150-305	80	200	260	36	BT50-BST-250L	WBST150	BST	305	250	95	14
BT50-WBST150-355	80	200	310	36	BT50-BST-300L	WBST150	BST	355	300	95	16
BT50-WBST150-405	80	200	360	36	BT50-BST-350L	WBST150	BST	405	350	95	18.6
BT50-WBST150-455	80	200	410	36	BT50-BST-400L	WBST150	BST	455	400	95	21.8
BT50-WBST200-155	130	250	110	36	BT50-BST-100L	WBST200	BST	155	100	95	8.70
BT50-WBST200-205	130	250	160	36	BT50-BST-150L	WBST200	BST	205	150	95	10.4
BT50-WBST200-255	130	250	210	36	BT50-BST-200L	WBST200	BST	255	200	95	13.2
BT50-WBST200-305	130	250	260	36	BT50-BST-250L	WBST200	BST	305	250	95	15.1
BT50-WBST200-355	130	250	310	36	BT50-BST-300L	WBST200	BST	355	300	95	17.1
BT50-WBST200-405	130	250	360	36	BT50-BST-350L	WBST200	BST	405	350	95	19.7
BT50-WBST200-455	130	250	410	36	BT50-BST-400L	WBST200	BST	455	400	95	22.9
BT50-WBST300-155	230	350	110	36	BT50-BST-100L	WBST300	BST	155	100	95	11.1
BT50-WBST300-205	230	350	160	36	BT50-BST-150L	WBST300	BST	205	150	95	12.8
BT50-WBST300-255	230	350	210	36	BT50-BST-200L	WBST300	BST	255	200	95	15.6
BT50-WBST300-305	230	350	260	36	BT50-BST-250L	WBST300	BST	305	250	95	17.5
BT50-WBST300-355	230	350	310	36	BT50-BST-300L	WBST300	BST	355	300	95	19.5
BT50-WBST300-405	230	350	360	36	BT50-BST-350L	WBST300	BST	405	350	95	22.1
BT50-WBST300-455	230	350	410	36	BT50-BST-400L	WBST300	BST	455	400	95	25.3
BT50-WBST400-155	330	450	110	36	BT50-BST-100L	WBST400	BST	155	100	95	13.4
BT50-WBST400-205	330	450	160	36	BT50-BST-150L	WBST400	BST	205	150	95	15.1
BT50-WBST400-255	330	450	210	36	BT50-BST-200L	WBST400	BST	255	200	95	17.9
BT50-WBST400-305	330	450	260	36	BT50-BST-250L	WBST400	BST	305	250	95	19.8
BT50-WBST400-355	330	450	310	36	BT50-BST-300L	WBST400	BST	355	300	95	21.8
BT50-WBST400-405	330	450	360	36	BT50-BST-350L	WBST400	BST	405	350	95	24.4
BT50-WBST400-455	330	450	410	36	BT50-BST-400L	WBST400	BST	455	400	95	27.6

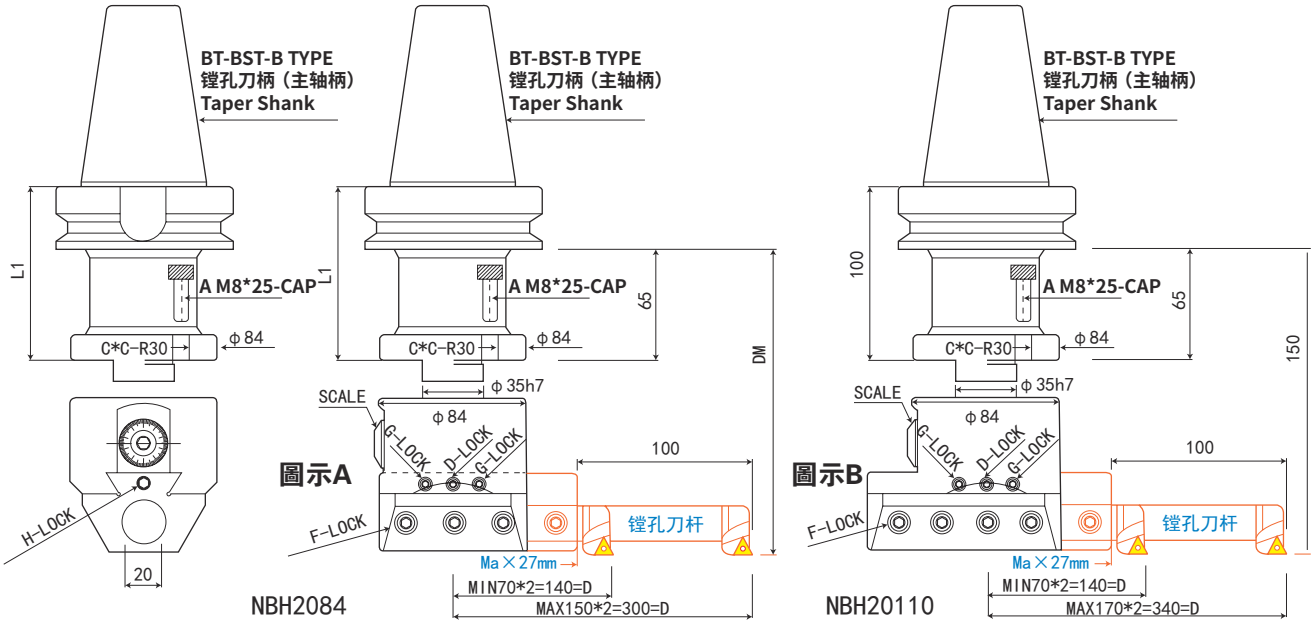
特点：

注:
◎此规格不含 BSB25 四方柄镗刀拆掉，有效深可达到 45，最小镗孔范围可达到 φ10

Features:

◎ Option of BSB25 Square Shank External Boring Tool holder.Applicable Boring Depth up 45 mm with Minimum Boring Range down to φ10mm after Taking off the Shield

NBH2084-BST-B 大径微调精镗孔头 Fine-tuning Boring Head





NBH2084B（套装）

规格 / 型号 Model	本体	刀柄	范围	重量 KGS
BT50-NBH2084B-100L	NBH2084	BT50-NBH2084B-100L	140-300	8.43
BT50-NBH2084B-150L	NBH2084	BT50-NBH2084B-150L	140-300	9.43
BT50-NBH2084B-200L	NBH2084	BT50-NBH2084B-200L	140-300	10.43
BT50-NBH2084B-250L	NBH2084	BT50-NBH2084B-250L	140-300	11.43
BT50-NBH20110B-100L	NBH20110	BT50-NBH2084B-100L	140-340	9.43
BT50-NBH20110B-150L	NBH20110	BT50-NBH2084B-150L	140-340	10.43
BT50-NBH20110B-200L	NBH20110	BT50-NBH2084B-200L	140-340	11.43
BT50-NBH20110B-250L	NBH20110	BT50-NBH2084B-250L	140-340	12.43
BT50-NBH20150B-100L	NBH20150	BT50-NBH2084B-100L	170-370	11.08
BT50-NBH20150B-150L	NBH20150	BT50-NBH2084B-150L	170-370	12.08
BT50-NBH20150B-200L	NBH20150	BT50-NBH2084B-200L	170-370	13.08
BT50-NBH20150B-250L	NBH20150	BT50-NBH2084B-250L	170-370	14.08
BT50-NBH20250B-100L	NBH20250	BT50-NBH2084B-100L	270-470	12.1
BT50-NBH20250B-150L	NBH20250	BT50-NBH2084B-150L	270-470	13.1
BT50-NBH20250B-200L	NBH20250	BT50-NBH2084B-200L	270-470	14.1
BT50-NBH20250B-250L	NBH20250	BT50-NBH2084B-250L	270-470	15.1

NBH2084-BST-B 本体

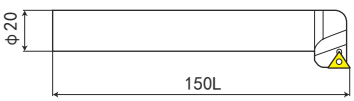
规格 / 型号 Model	范围	滑座外径	刀径	扳手 Wrench	镗孔刀柄	重量 KGS
NBH2084	140-300	84	20	4 6	NBH2084B	2.88
NBH20110	140-340	110	20	4 6	NBH2084B	3.88
NBH20150	170-370	150	20	4 6	NBH2084B	4.88
NBH20250	270-470	250	20	4 6	NBH2084B	5.88

NBH2084-BST-B 主轴柄

规格 / 型号 Model	L1	镗孔深度 DM	重量 KGS
BT50-NBH2084B-100L	100	150	5.1
BT50-NBH2084B-150L	150	200	6.1
BT50-NBH2084B-200L	200	250	7.1
BT50-NBH2084B-250L	250	300	8.1

NBH 刀杆

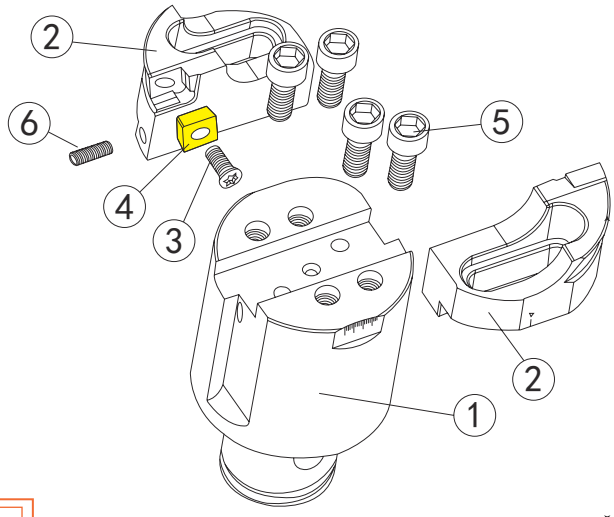
规格 / 型号 Model	刀径	刀片	螺丝 Screw	扳手 Wrench	重量 KGS
BH20TP	20	TPGH110304	M3*8.0	T8	0.45



RBA 双刃粗镗刀头及 RBH 段差型粗镗头使用说明

INSTRUCTIONS OF RBH DUAL BLADES MODULAR ROUGH BORING AND RBA INTERRUPTED ROUGH BORING

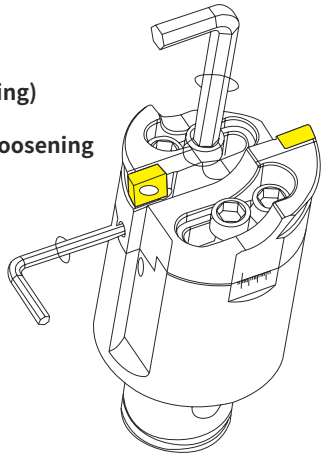
1. Boring body 镗头本体
2. Insert holder 刀片座
3. Insert screw 刀片螺丝
4. Insert 刀片
5. Lock screw 锁紧螺丝
6. Adjusting screw 调整螺丝



使用顺序 /Sequence of Use

请参照右图，按下列顺序 1-4 顺序操作:
步骤一：松开刀片座上头固定螺丝。
步骤二：从侧面旋转调整螺丝，推动刀片座到预定加工尺寸 .
步骤三：锁紧刀片座上头固定螺丝。
步骤四：适当扭力旋转调整螺丝，以避免切削时松脱影响加工。

步骤一：须（锁紧）
Step1:Clockwise(Locking)
步骤三：逆（放松）
Step3:Anticlockwise:Loosening
步骤二 /Step2
步骤四 /Step4

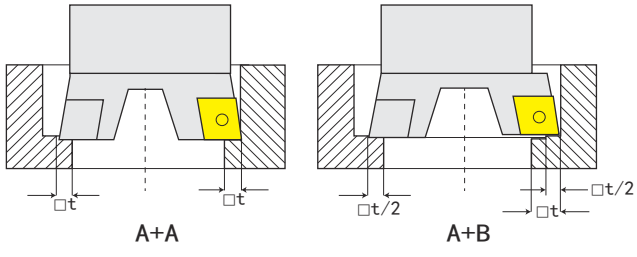


Please operate the following step(1-4)according to the diagram figured;
Step1.Loosening the fixed screws on the blade bearing.
Step2.Rotating and adjusting the side screws to move the blade bearing to an scheduled processing dimension.
Step3.Locking the fixed screws on the blade bearing.
Step4.Using proper force to rotate and adjust the screws to avoid the screw loose during cutting.

使用者注意事项 /Notices of The User

1. 平刃式切削加工，A、B 两刃等高等径切削，此时切削进给为单刃切削的两倍。适用于切削量少时或铸铁、铝、铜等易切削材质使用。
2、高低刃切削加工，A、B 两刃不等高，不等径切削，此时切削进给与单刃切削相同。适用于切除量多或难切削材质如铜材等。
a. 当 A、B 刀片座互相调换边即形成高低刃，即 A 刀片座对 B 接合面，B 刀片座对 A 接合面。
b. 切削量调整 (□ t) 须注意高刃与低刃须均等。以平衡作用于两边之切削反作用相同，防止共振发生，避免单刃受力过大而损坏。

1During plain-blade cutting processing,i.e. equal height and dimension of A and B blade,the cutting feed is twice of single blade cutting.This method is suitable for cutting less output or easy cutting material such as cast iron,aluminum,or copper,etc.
2During high-low cutting processing,i.e.unequal height of A and B blade, the cutting feed is same with single blade cutting.This method is suitable for cutting more output or hard cutting material such as steel,etc.



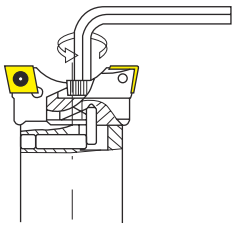
a.When A and B blade bearing be mutual exchanged side to form high-low blade,i.e. A blade bearing to match B matching face,B blade bearing to math A matching face.
b.Be careful that the adjusted cutting output of high blade and low blade should be same.in that case the two sides cutting and counteractive will be balanced to prevent of resonance and damage from excessive force on single blade.

RBA 双刃粗镗刀头及 RBH 段差型粗镗头使用说明

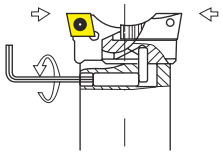
INSTRUCTIONS OF RBH DUAL BLADES MODULAR ROUGH BORING AND RBA INTERRUPTED ROUGH BORING

双刃等高调节方法

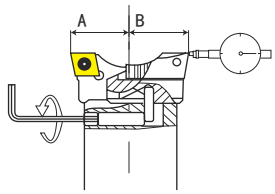
1 松开2颗锁紧螺丝



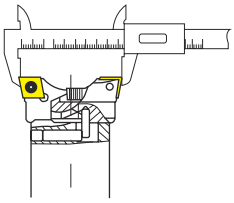
2 旋转2颗调节螺丝，用手推动刀片座，使尺寸比要加工的尺寸小约2mm，稍微拧紧2颗锁紧螺丝。



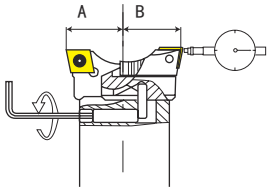
3 旋转调节螺丝，使A、B尺寸在±0.05之内。



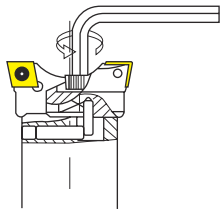
4 测量当前尺寸，计算刀片座调节量。



5 旋转调节螺丝至要加工尺寸并使A、B尺寸之差在±0.05之内。

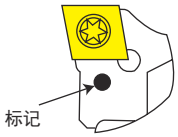


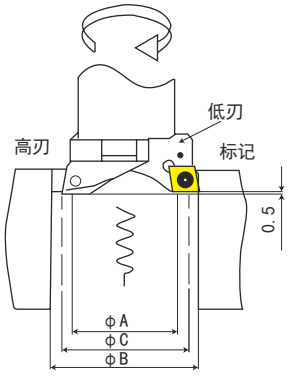
6 拧紧2颗锁紧螺丝。



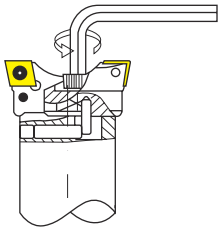
段差加工调节方法

高刃加工直径计算方法：
φC=(加工前直径φA+加工直径φB) /2

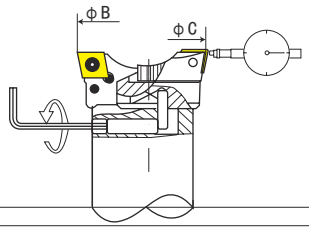




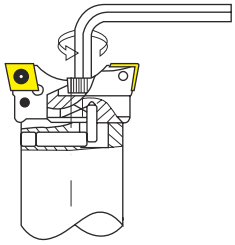
1 松开两颗锁紧螺丝，再略微拧紧。



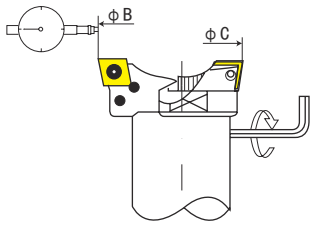
2 旋转调节螺丝推动刀片座，观察刻度线，将高刃调至φC尺寸，低刃略小于B尺寸



3 拧紧两颗锁紧螺丝。

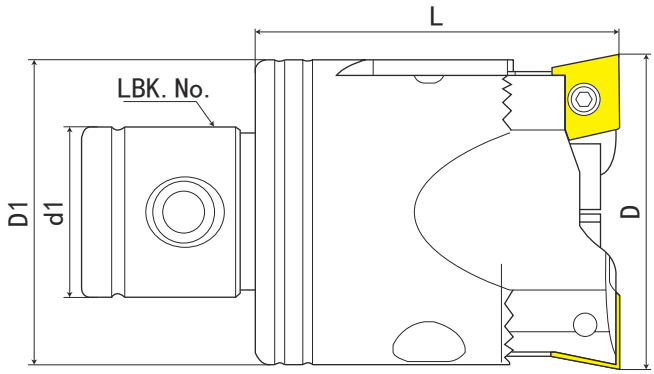


4 试切，看尺寸再调节低刃。



TCT 带齿可调式双刃粗镗头 TCT INDEXABLE TWIN-BIT ROUGH BORING HEAD

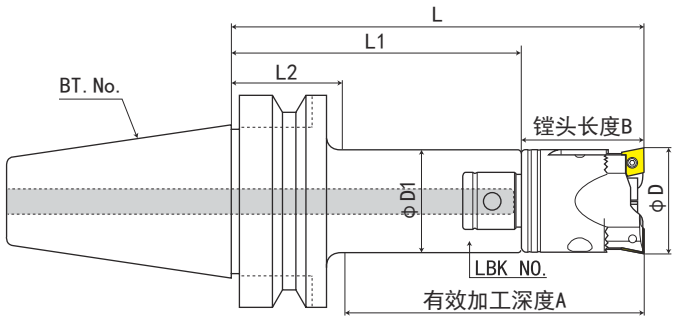




规格 / 型号 Model	接合型号 LBK No	镗孔范围 D Boring Range	有效长度 L	镗头直径 D1	接头直径 d1	使用刀片 Insert	螺丝 Screw	扳手 Wrench	重量 KGS
TCT20-25	LBK1	20-25	36	19	11	CC**0602**	M2.5	T8	0.07
TCT25-33	LBK2	25-33	34	24	14	CC**0602**	M2.5	T8	0.1
TCT32-42	LBK3	32-42	47	31	18	CC**0602**	M2.5	T8	0.25
TCT40-54	LBK4	40-54	55	38	22	CC**09T3**	M4	T15	0.47
TCT52-70	LBK5	52-70	64	49	28	CC**09T3**	M4	T15	0.88
TCT68-95	LBK6	68-95	78	64	36	CC**1204**	M5	T20	1.86
TCT93-122	LBK6	90-122	78	63	36	CC**1204**	M5	T20	1.93
TCT120-164	BST	120-164	96		BST	CC**1204**	M5	T20	
TCT160-204	BST	160-204	96			CC**1204**	M5	T20	
TCT200-310LA-C	BST	200-310	84			CCMT120408		T20	3.9
TCT300-410LA-C	BST	300-410	85			CCMT120408		T20	4.7
TCT400-510LA-C	BST	400-510	90			CCMT120408		T20	5.5
TCT500-610LA-C	BST	500-610	91			CCMT120408		T20	6.48

TCT 带齿可调式双刃粗镗头 +LBK 刀柄 TCT INDEXABLE TWIN-BIT ROUGH BORING HEAD+LBK SHANK





型号说明

BT30 TCT19 91L

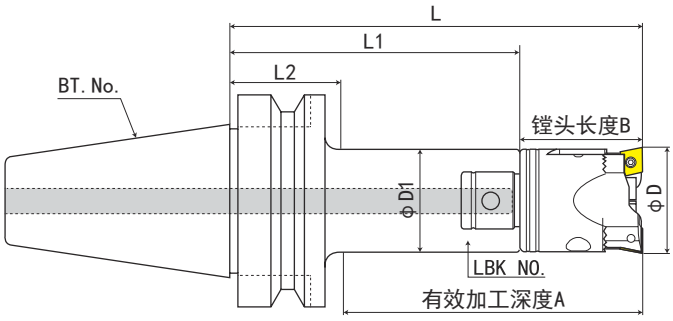
- 91L：全长 L
- TCT19：TCT 镗头
- BT30：BT 刀柄

规格 / 型号 Model	组合内容 Tool Connection		连接接口 LBK.NO	全长 L	刀柄长 L1	L2	镗头长度 B	刀柄外径 ϕD1	镗孔范围 Boring RangeϕD	有效深度 A	重量 KGS
	LBK 刀柄 LBK Shank	SDL 镗头 Boring head									
BT30-TCT19-91L	BT30-LBK1-55L	TCT20-25	LBK1	91	55	27	36	19	20-25	64	
BT30-TCT19-106L	BT30-LBK1-70L	TCT20-25	LBK1	106	70	27	36	19	20-25	79	
BT30-TCT25-114L	BT30-LBK2-80L	TCT25-33	LBK2	114	80	27	34	24	25-33	87	
BT30-TCT32-127L	BT30-LBK3-80L	TCT32-42	LBK3	127	80	27	47	31	32-42	100	
BT30-TCT40-125L	BT30-LBK4-70L	TCT40-54	LBK4	125	70	27	55	39	40-54	98	
BT30-TCT52-124L	BT30-LBK5-60L	TCT52-70	LBK5	124	60	27	64	50	52-70	97	
BT30-TCT68-138L	BT30-LBK6-60L	TCT68-95	LBK6	138	60	27	78	63	68-95	111	
BT30-TCT93-138L	BT30-LBK6-60L	TCT93-122	LBK6	138	60	27	78	63	93-122	111	
BT40-TCT19-111L	BT40-LBK1-75L	TCT20-25	LBK1	111	75	32	36	19	20-25	79	
BT40-TCT19-141L	BT40-LBK1-105L	TCT20-25	LBK1	141	105	32	36	19	20-25	109	
BT40-TCT25-119L	BT40-LBK2-85L	TCT25-33	LBK2	119	85	32	34	24	25-33	87	
BT40-TCT25-149L	BT40-LBK2-115L	TCT25-33	LBK2	149	115	32	34	24	25-33	117	
BT40-TCT32-142L	BT40-LBK3-95L	TCT32-42	LBK3	142	95	32	47	31	32-42	110	
BT40-TCT32-172L	BT40-LBK3-125L	TCT32-42	LBK3	172	125	32	47	31	32-42	140	
BT40-TCT32-202L	BT40-LBK3-155L	TCT32-42	LBK3	202	155	32	47	31	32-42	170	
BT40-TCT32-232L	BT40-LBK3-185L	TCT32-42	LBK3	232	185	32	47	31	32-42	200	
BT40-TCT40-140L	BT40-LBK4-85L	TCT40-55	LBK4	140	85	32	55	39	40-54	108	
BT40-TCT40-185L	BT40-LBK4-130L	TCT40-54	LBK4	185	130	32	55	39	40-54	153	
BT40-TCT40-230L	BT40-LBK4-175L	TCT40-54	LBK4	230	175	32	55	39	40-54	198	
BT40-TCT40-260L	BT40-LBK4-205L	TCT40-54	LBK4	260	205	32	55	39	40-54	228	
BT40-TCT40-305L	BT40-LBK4-250L	TCT40-54	LBK4	305	250	32	55	39	40-54	273	
BT40-TCT52-139L	BT40-LBK5-75L	TCT52-70	LBK5	139	75	32	64	50	52-70	107	
BT40-TCT52-189L	BT40-LBK5-125L	TCT52-70	LBK5	189	125	32	64	50	52-70	157	
BT40-TCT52-239L	BT40-LBK5-175L	TCT52-70	LBK5	239	175	32	64	50	52-70	207	
BT40-TCT52-269L	BT40-LBK5-205L	TCT52-70	LBK5	269	205	32	64	50	52-70	237	
BT40-TCT52-314L	BT40-LBK5-250L	TCT52-70	LBK5	314	250	32	64	50	52-70	282	
BT40-TCT68-143L	BT40-LBK6-65L	TCT68-95	LBK6	143	65	32	78	63	68-95	111	
BT40-TCT68-193L	BT40-LBK6-115L	TCT68-95	LBK6	193	115	32	78	63	68-95	161	
BT40-TCT68-243L	BT40-LBK6-165L	TCT68-95	LBK6	243	165	32	78	63	68-95	211	
BT40-TCT68-283L	BT40-LBK6-205L	TCT68-95	LBK6	283	205	32	78	63	68-95	251	
BT40-TCT93-143L	BT40-LBK6-65L	TCT90-122	LBK6	143	65	32	78	63	90-122	111	
BT40-TCT93-193L	BT40-LBK6-115L	TCT90-122	LBK6	193	115	32	78	63	90-122	161	
BT40-TCT93-243L	BT40-LBK6-165L	TCT90-122	LBK6	243	165	32	78	63	90-122	211	
BT40-TCT93-283L	BT40-LBK6-205L	TCT90-122	LBK6	283	205	32	78	63	90-122	251	
BT40-TCT120-164L	BT40-BST-100L	TCT120-164	BST	196	100	32	96	95	110-164	164	
BT40-TCT160-204L	BT40-BST-100L	TCT160-204	BST	196	100	32	96	95	160-204	164	

镗孔刀具系列 BORING HEAD

TCT 带齿可调式双刃粗镗头 +LBK 刀柄 TCT INDEXABLE TWIN-BIT ROUGH BORING HEAD+LBK SHANK





型号说明

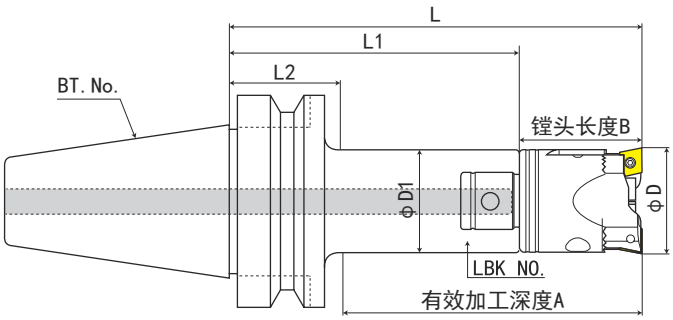
BT30 TCT19 91L

- 91L：全长 L
- TCT19：TCT 镗头
- BT30：BT 刀柄

规格 / 型号 Model	组合内容 Tool Connection		连接接口 LBK.NO	全长 L	刀柄长 L1	L2	镗头长度 B	刀柄外径 ΦD1	镗孔范围 Boring RangeΦD	有效深度 A	重量 KGS
	LBK 刀柄 LBK Shank	SDL 镗头 Boring head									
BT50-TCT19-125L	BT50-LBK1-90L	TCT20-25	LBK1	126	90	43	36	19	20-25	83	
BT50-TCT19-150L	BT50-LBK1-115L	TCT20-25	LBK1	151	115	43	36	19	20-25	108	
BT50-TCT19-180L	BT50-LBK1-145L	TCT20-25	LBK1	181	145	43	36	19	20-25	138	
BT50-TCT19-210L	BT50-LBK1-175L	TCT20-25	LBK1	211	175	43	36	19	20-25	168	
BT50-TCT25-130L	BT50-LBK2-90L	TCT25-33	LBK2	124	90	43	34	24	25-33	81	
BT50-TCT25-150L	BT50-LBK2-110L	TCT25-33	LBK2	144	110	43	34	24	25-33	101	
BT50-TCT25-180L	BT50-LBK2-140L	TCT25-33	LBK2	174	140	43	34	24	25-33	131	
BT50-TCT25-215L	BT50-LBK2-175L	TCT25-33	LBK2	209	175	43	34	24	25-33	166	
BT50-TCT32-130L	BT50-LBK3-90L	TCT32-42	LBK3	137	90	43	47	31	32-42	94	
BT50-TCT32-165L	BT50-LBK3-125L	TCT32-42	LBK3	172	125	43	47	31	32-42	129	
BT50-TCT32-195L	BT50-LBK3-155L	TCT32-42	LBK3	202	155	43	47	31	32-42	159	
BT50-TCT32-225L	BT50-LBK3-185L	TCT32-42	LBK3	232	185	43	47	31	32-42	189	
BT50-TCT32-255L	BT50-LBK3-215L	TCT32-42	LBK3	262	215	43	47	31	32-42	219	
BT50-TCT40-140L	BT50-LBK4-90L	TCT40-54	LBK4	145	90	43	55	39	40-54	102	
BT50-TCT40-165L	BT50-LBK4-115L	TCT40-54	LBK4	170	115	43	55	39	40-54	127	
BT50-TCT40-195L	BT50-LBK4-145L	TCT40-54	LBK4	200	145	43	55	39	40-54	157	
BT50-TCT40-225L	BT50-LBK4-175L	TCT40-54	LBK4	230	175	43	55	39	40-54	187	
BT50-TCT40-255L	BT50-LBK4-205L	TCT40-54	LBK4	260	205	43	55	39	40-54	217	
BT50-TCT40-300L	BT50-LBK4-250L	TCT40-54	LBK4	305	250	43	55	39	40-54	262	
BT50-TCT40-350L	BT50-LBK4-300L	TCT40-54	LBK4	355	300	43	55	39	40-54	312	
BT50-TCT40-400L	BT50-LBK4-350L	TCT40-54	LBK4	405	350	43	55	39	40-54	362	
BT50-TCT52-150L	BT50-LBK5-90L	TCT52-70	LBK5	154	90	43	64	50	52-70	111	
BT50-TCT52-165L	BT50-LBK5-105L	TCT52-70	LBK5	169	105	43	64	50	52-70	126	
BT50-TCT52-210L	BT50-LBK5-150L	TCT52-70	LBK5	214	150	43	64	50	52-70	171	
BT50-TCT52-240L	BT50-LBK5-180L	TCT52-70	LBK5	244	180	43	64	50	52-70	201	
BT50-TCT52-300L	BT50-LBK5-240L	TCT52-70	LBK5	304	240	43	64	50	52-70	261	
BT50-TCT52-330L	BT50-LBK5-270L	TCT52-70	LBK5	334	270	43	64	50	52-70	291	
BT50-TCT52-360L	BT50-LBK5-300L	TCT52-70	LBK5	364	300	43	64	50	52-70	321	
BT50-TCT52-410L	BT50-LBK5-350L	TCT52-70	LBK5	414	350	43	64	50	52-70	371	
BT50-TCT68-165L	BT50-LBK6-95L	TCT68-95	LBK6	173	95	43	78	63	68-95	130	
BT50-TCT68-220L	BT50-LBK6-150L	TCT68-95	LBK6	228	150	43	78	63	68-95	185	
BT50-TCT68-240L	BT50-LBK6-170L	TCT68-95	LBK6	248	170	43	78	63	68-95	205	
BT50-TCT68-275L	BT50-LBK6-205L	TCT68-95	LBK6	283	205	43	78	63	68-95	240	
BT50-TCT68-300L	BT50-LBK6-230L	TCT68-95	LBK6	308	230	43	78	63	68-95	265	
BT50-TCT68-340L	BT50-LBK6-270L	TCT68-95	LBK6	348	270	43	78	63	68-95	305	
BT50-TCT68-370L	BT50-LBK6-300L	TCT68-95	LBK6	378	300	43	78	63	68-95	335	
BT50-TCT68-420L	BT50-LBK6-350L	TCT68-95	LBK6	428	350	43	78	63	68-95	385	
BT50-TCT68-470L	BT50-LBK6-400L	TCT68-95	LBK6	478	400	43	78	63	68-95	435	
BT50-TCT68-520L	BT50-LBK6-450L	TCT68-95	LBK6	528	450	43	78	63	68-95	485	

TCT 带齿可调式双刃粗镗头 +LBK 刀柄 TCT INDEXABLE TWIN-BIT ROUGH BORING HEAD+LBK SHANK





型号说明

BT30 TCT19 91L

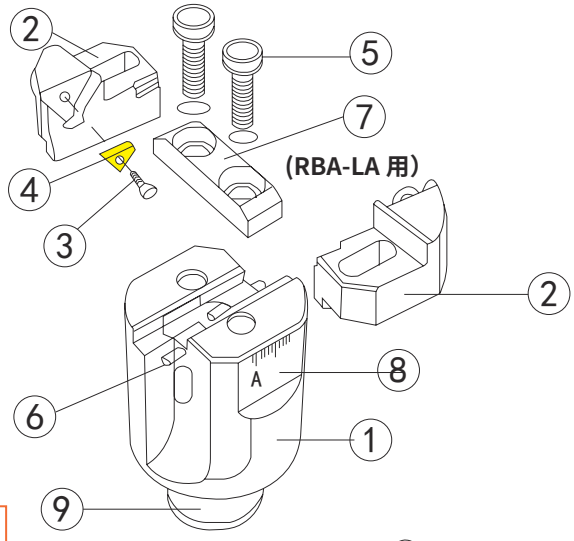
- 91L：全长 L
- TCT19：TCT 镗头
- BT30：BT 刀柄

规格 / 型号 Model	组合内容 Tool Connection		连接接口 LBK.NO	全长 L	刀柄长 L1	L2	镗头长度 B	刀柄外径 φD1	镗孔范围 Boring Range φD	有效深度 A	重量 KGS
	LBK 刀柄 LBK Shank	SDL 镗头 Boring head									
BT50-TCT110-170L	BT50-BST-100L	TCT120-164	BST	196	100	43	96	95	120-164	153	
BT50-TCT110-220L	BT50-BST-150L	TCT120-164	BST	246	150	43	96	95	120-164	203	
BT50-TCT110-270L	BT50-BST-200L	TCT120-164	BST	296	200	43	96	95	120-164	253	
BT50-TCT110-320L	BT50-BST-250L	TCT120-164	BST	346	250	43	96	95	120-164	303	
BT50-TCT110-370L	BT50-BST-300L	TCT120-164	BST	396	300	43	96	95	120-164	353	
BT50-TCT110-420L	BT50-BST-350L	TCT120-164	BST	446	350	43	96	95	120-164	403	
BT50-TCT110-470L	BT50-BST-400L	TCT120-164	BST	496	400	43	96	95	120-164	453	
BT50-TCT110-520L	BT50-BST-450L	TCT120-164	BST	546	450	43	96	95	120-164	503	
BT50-TCT110-570L	BT50-BST-500L	TCT120-164	BST	596	500	43	96	95	120-164	553	
BT50-TCT160-170L	BT50-BST-100L	TCT160-204	BST	196	100	43	96	95	160-204	153	
BT50-TCT160-220L	BT50-BST-150L	TCT160-204	BST	246	150	43	96	95	160-204	203	
BT50-TCT160-270L	BT50-BST-200L	TCT160-204	BST	296	200	43	96	95	160-204	253	
BT50-TCT160-320L	BT50-BST-250L	TCT160-204	BST	346	250	43	96	95	160-204	303	
BT50-TCT160-370L	BT50-BST-300L	TCT160-204	BST	396	300	43	96	95	160-204	353	
BT50-TCT160-420L	BT50-BST-350L	TCT160-204	BST	446	350	43	96	95	160-204	403	
BT50-TCT160-470L	BT50-BST-400L	TCT160-204	BST	496	400	43	96	95	160-204	453	
BT50-TCT160-520L	BT50-BST-450L	TCT160-204	BST	546	450	43	96	95	160-204	503	
BT50-TCT160-570L	BT50-BST-500L	TCT160-204	BST	596	500	43	96	95	160-204	553	

RBA-LA 新型双刃粗镗刀头及段差型粗镗头使用说明

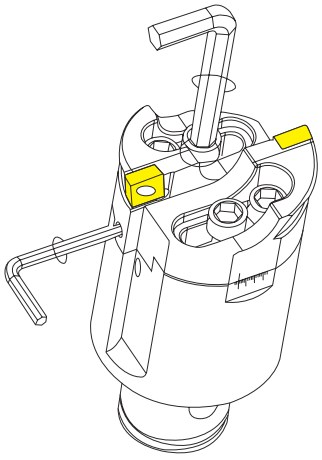
RBA-LA LNSTRUCTIONS OF TWIN-CUTTER ROUGH BORING HEAD AND STEPPED ROUGH BORING METHOD

1. Boring body 镗头本体
2. Insert holder 刀片座
3. Insert screw 刀片螺丝
4. Insert 刀片
5. Lock screw 锁紧螺丝
6. Adjusting screw 调整螺丝
7. Plate 压板
8. Scale 微调刻度
9. LBK-Interface LBK 连接接口



使用顺序 /Sequence of Use

请参照右图，按下列顺序 1-4 顺序操作:
步骤一：松开刀片座上固定螺丝。
步骤二：从侧面旋转调整螺丝，推动刀片座到预定加工尺寸 .
步骤三：锁紧刀片座上固定螺丝。
步骤四：适当扭力旋转调整螺丝，以避免切削时松脱影响加工。

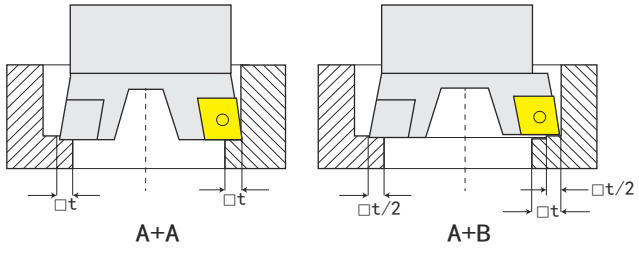


Please operate the following step(1-4)according to the diagram figured;
Step1.Loosening the fixed screws on the blade bearing.
Step2.Rotating and adjusting the side screws to move the blade bearing to an scheduled processing dimension.
Step3.Locking the fixed screws on the blade bearing.
Step4.Using proper force to rotate and adjust the screws to avoid the screw loose during cutting.

使用者注意事项 /Notices of The User

1. 平刃式切削加工，A、B 两刃等高等径切削，此时切削进给为单刃切削的两倍。适用于切削量少时或铸铁、铝、铜等易切削材质使用。
2、高低刃切削加工，A、B 两刃不等高，不等径切削，此时切削进给与单刃切削相同。适用于切除量多或难切削材质如铜材等。
a. 当 A、B 刀片座互相调换边即形成高低刃，即 A 刀片座对 B 接合面，B 刀片座对 A 接合面。
b. 切削量调整 (□ t) 须注意高刃与低刃须均等。以平衡作用于两边之切削反作用相同，防止共振发生，避免单刃受力过大而损坏。

1During plain-blade cutting processing,i.e. equal height and dimension of A and B blade,the cutting feed is twice of single blade cutting.This method is suitable for cutting less output or easy cutting material such as cast iron,aluminum,or copper,etc.
2During high-low cutting processing,i.e.unequal height of A and B blade, the cutting feed is same with single blade cutting.This method is suitable for cutting more output or hard cutting material such as steel,etc.



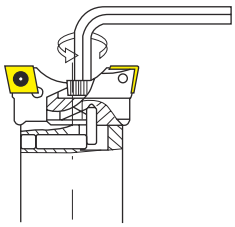
a.When A and B blade bearing be mutual exchanged side to form high-low blade,i.e. A blade bearing to match B matching face,B blade bearing to math A matching face.
b.Be careful that the adjusted cutting output of high blade and low blade should be same.in that case the two sides cutting and counteractive will be balanced to prevent of resonance and damage from excessive force on single blade.

RBA-LA 新型双刃粗镗刀头及 RBA 段差型粗镗头使用说明

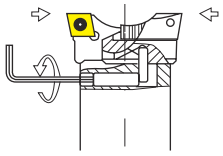
RBA-LA INSTRUCTIONS OF RBA DUAL BLADES MODULAR ROUGH BORING AND RBH INTERRUPTED ROUGH BORING

双刃等高调节方法

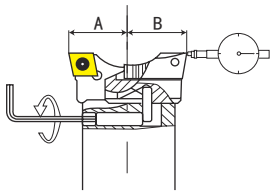
1 松开2颗锁紧螺丝



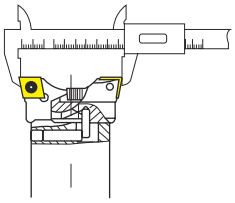
2 旋转2颗调节螺丝，用手推动刀片座，使尺寸比要加工的尺寸小约2mm，稍微拧紧2颗锁紧螺丝。



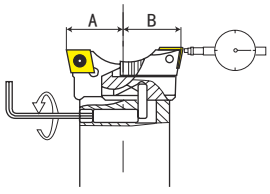
3 旋转调节螺丝，使A、B尺寸在±0.05之内。



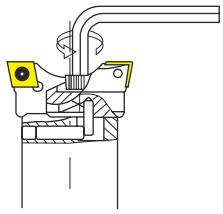
4 测量当前尺寸，计算刀片座调节量。



5 旋转调节螺丝至要加工尺寸并使A、B尺寸之差在±0.05之内。

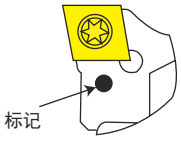


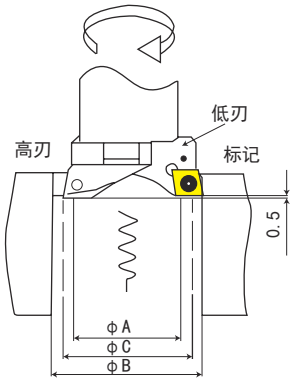
6 拧紧2颗锁紧螺丝。



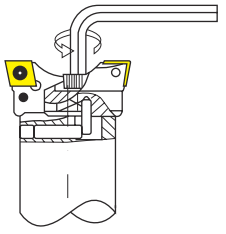
段差加工调节方法

高刃加工直径计算方法：
φC=(加工前直径φA+加工直径φB）/2

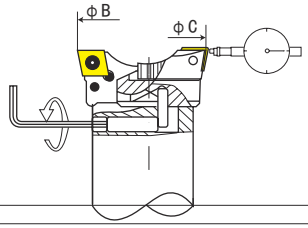




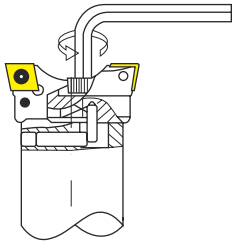
1 松开两颗锁紧螺丝，再略微拧紧。



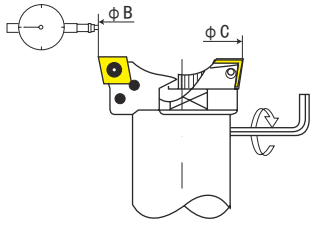
2 旋转调节螺丝推动刀片座，观察刻度线，将高刃调至φC尺寸，低刃略小于B尺寸



3 拧紧两颗锁紧螺丝。



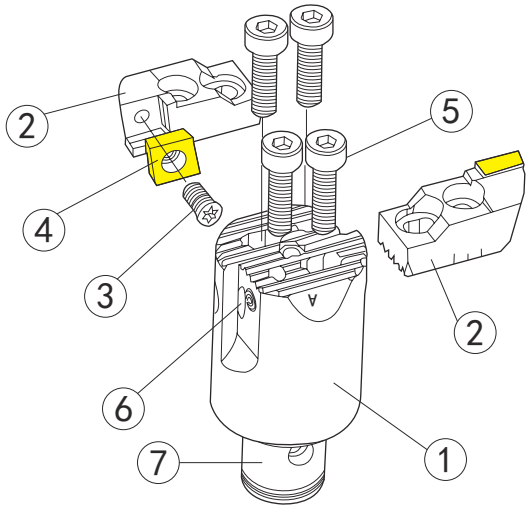
4 试切，看尺寸再调节低刃。



RBA-LA-C 新型带齿双刃粗镗刀头及段差型粗镗头使用说明

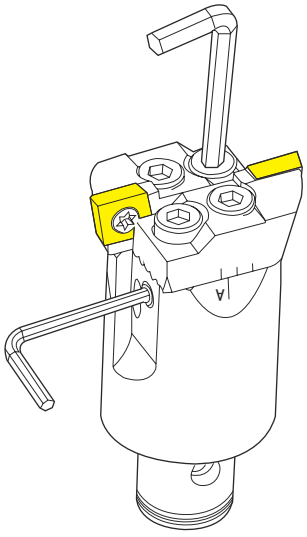
RBA-LA-C LNSTRUCTIONS OF TWIN-CUTTER ROUGH BORING HEAD AND STEPPED ROUGH BORING METHOD

1. Boring body 镗头本体
2. Insert holder 刀片座
3. Insert screw 刀片螺丝
4. Insert 刀片
5. Lock screw 锁紧螺丝
6. Adjusting screw 调整螺丝
7. LBK-Interface LBK 连接接口



使用顺序 /Sequence of Use

请参照右图，按下列顺序 1-4 顺序操作:
步骤一：松开刀片座上固定螺丝。
步骤二：从侧面旋转调整螺丝，推动刀片座到预定加工尺寸 .
步骤三：锁紧刀片座上固定螺丝。
步骤四：适当扭力旋转调整螺丝，以避免切削时松脱影响加工。

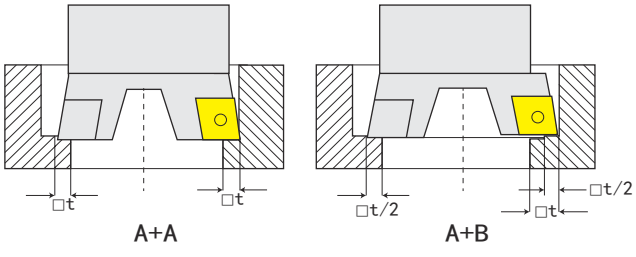


Please operate the following step(1-4)according to the diagram figured;
Step1.Loosening the fixed screws on the blade bearing.
Step2.Rotating and adjusting the side screws to move the blade bearing to an scheduled processing dimension.
Step3.Locking the fixed screws on the blade bearing.
Step4.Using proper force to rotate and adjust the screws to avoid the screw loose during cutting.

使用者注意事项 /Notices of The User

1. 平刃式切削加工，A、B 两刃等高等径切削，此时切削进给为单刃切削的两倍。适用于切削量少时或铸铁、铝、铜等易切削材质使用。
2、高低刃切削加工，A、B 两刃不等高，不等径切削，此时切削进给与单刃切削相同。适用于切除量多或难切削材质如铜材等。
a. 当 A、B 刀片座互相调换边即形成高低刃，即 A 刀片座对 B 接合面，B 刀片座对 A 接合面。
b. 切削量调整 (□ t) 须注意高刃与低刃须均等。以平衡作用于两边之切削反作用相同，防止共振发生，避免单刃受力过大而损坏。

1During plain-blade cutting processing,i.e. equal height and dimension of A and B blade,the cutting feed is twice of single blade cutting.This method is suitable for cutting less output or easy cutting material such as cast iron,aluminum,or copper,etc.
2During high-low cutting processing,i.e.unequal height of A and B blade, the cutting feed is same with single blade cutting.This method is suitable for cutting more output or hard cutting material such as steel,etc.



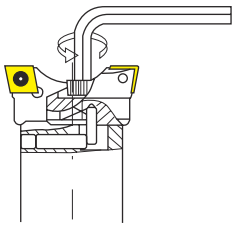
a.When A and B blade bearing be mutual exchanged side to form high-low blade,i.e. A blade bearing to match B matching face,B blade bearing to math A matching face.
b.Be careful that the adjusted cutting output of high blade and low blade should be same.in that case the two sides cutting and counteractive will be balanced to prevent of resonance and damage from excessive force on single blade.

RBA-LA-C 新型带齿双刃粗镗刀头及段差型粗镗头使用说明

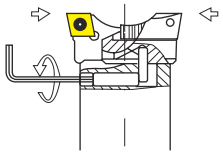
RBA-LA-C LNSTRUCTIONS OF TWIN-CUTTER ROUGH BORING HEAD AND STEPPED ROUGH BORING METHOD

双刃等高调节方法

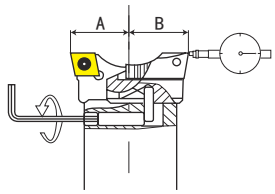
1 松开2颗锁紧螺丝



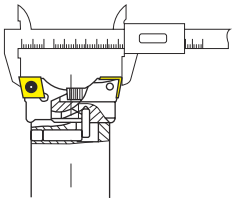
2 旋转2颗调节螺丝，用手推动刀片座，使尺寸比要加工的尺寸小约2mm，稍微拧紧2颗锁紧螺丝。



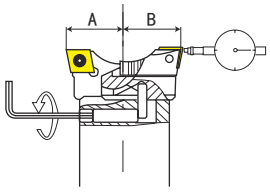
3 旋转调节螺丝，使A、B尺寸在±0.05之内。



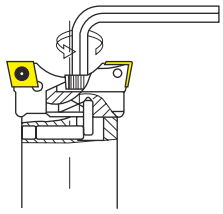
4 测量当前尺寸，计算刀片座调节量。



5 旋转调节螺丝至要加工尺寸并使A、B尺寸之差在±0.05之内。

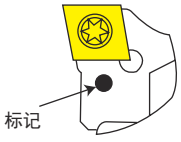


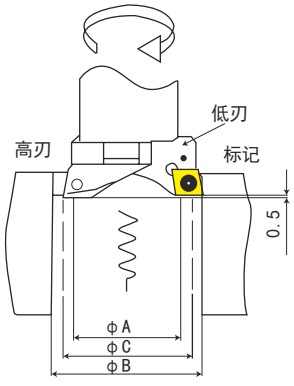
6 拧紧2颗锁紧螺丝。



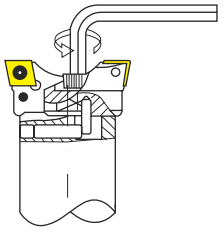
段差加工调节方法

高刃加工直径计算方法：
φC=(加工前直径φA+加工直径φB）/2

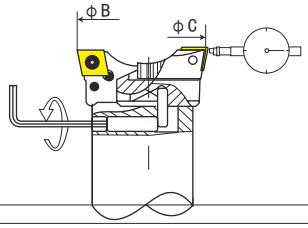




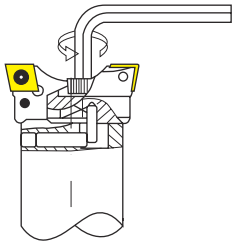
1 松开两颗锁紧螺丝，再略微拧紧。



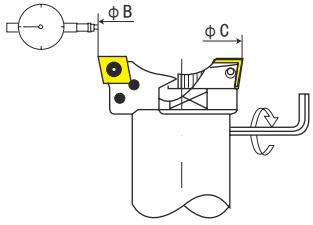
2 旋转调节螺丝推动刀片座，观察刻度线，将高刃调至φC尺寸，低刃略小于B尺寸



3 拧紧两颗锁紧螺丝。

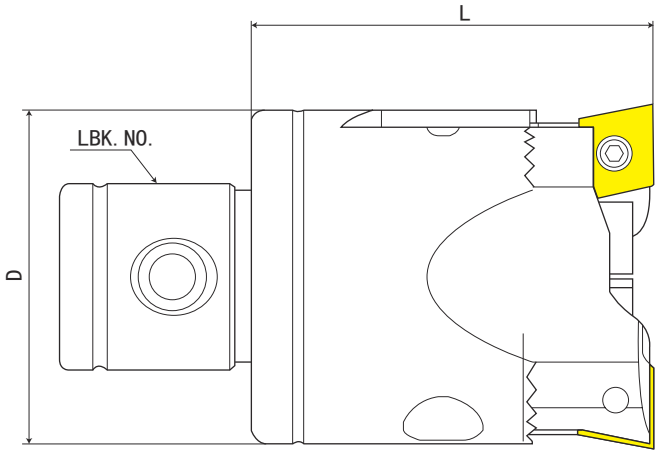


4 试切，看尺寸再调节低刃。



RBA-LA-C 新型带齿可调式双刃粗镗头 RBA-LA-C INDEXABLE TWIN-BIT ROUGH BORING HEAD





镗孔范围 Boring Range	刀 柄 LBK No. BST No.
φ25-φ204	LBK BST

规格 / 型号 Model	镗孔范围 Boring Range		D	L	接合型号 LBK No	使用刀片 Insert	刀片座滑块 Insert Seat	螺丝 Screw	扳手 Wrench	重量 KGS
	Min.	Max.								
RBA20-25-LA-C	19	25	18	35	LBK1	CCMT060204	RL-C2025	M2.5*6.0	T8	0.15
RBA25-35-LA-C	25	35	24	40	LBK2	CCMT060204	RL-C2535	M2.5*6.0	T8	0.3
RBA32-45-LA-C	32	45	31	40	LBK3	CCMT060204	RL-C3245	M2.5*6.0	T8	0.5
RBA40-55-LA-C	40	55	39	50	LBK4	CCMT09T304	RL-C4055	M4*8.0	T15	1
RBA52-75-LA-C	52	75	50	60	LBK5	CCMT09T304	RL-C5275	M4*8.0	T15	2.5
RBA68-95-LA-C	68	95	66	70	LBK6	CCMT120408	RL-C6895	M5*10.0	T20	3.1
RBA95-112-LA-C	95	112	66	70	LBK6	CCMT120408	RL-C95112	M5*10.0	T20	3.1
RBA110-164-LA-C	110	164	108	70	BST	CCMT120408	RL-C110164	M5*10.0	T20	4.2
RBA160-204-LA-C	160	204	-	70	BST	CCMT120408	RL-C160204	M5*10.0	T20	5.3

特点：

注：
◎适用单刃镗孔，双刃镗孔及高低阶镗孔。镗孔范围 φ25-204mm
◎新型刀刃滑座设计，刀背加强。加工时，滑座承受的两个作用力相互抵消，产生最大刚性和切削力。适合各形态的镗孔作业
◎可依照不同加工需求，轻易调整镗刀，作少量多样的加工。加工深度可配合合延长杆延伸至所需长度
◎清晰的侧边刻度，协助使用者轻易调整到所需的范围，无须在刀具设定仪上预设
◎最适合在各型切削中心机或镗床上配合使用，并可搭配各种品牌相同规格的指定刀片，节省刀具研磨时间并大幅增加镗孔效率
◎专利高低段差设计，平刃或高低刃均可采用
◎此款镗头可以更换反镗刀座进行反镗加工

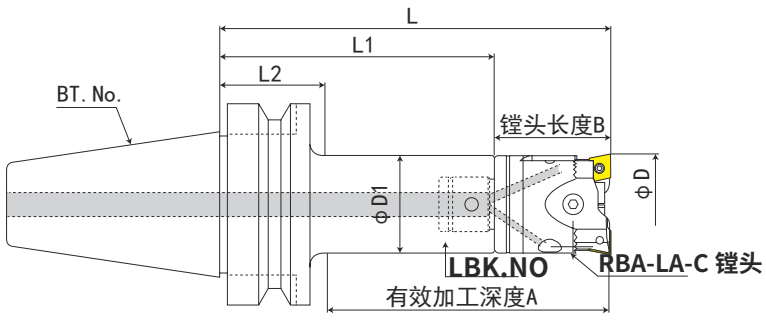
Features:

◎ It is suitable for single blade boring, two blades boring and step boring with working diameter from φ25mm to φ500 mm.
◎ New type design of slid seat for blade, and the back of the blade is strengthened. When machining, the two acting force received by the slid seat can offset, so that max rigidity and cutting force will generate, which is suitable for a variety of borings.
◎ Boring head can be easily adjusted to meet different boring needs of machining.Boring depth can be extended by rod to required length.
◎ Clear side division can help operator adjust to required range easily without using a tool presetter.
◎ It is best for using on various machine centers or boring mills, and can match specific tools of different brands,which will reduce tool grinding and greatly improve boring performance.
◎ Patented step boring design, which is suitable for both level boring and step boring.

RBA-LA-C 新型带齿双刃粗镗头 +LBK 刀柄（MAS 403BT)

RBA-LA-C INDEXABLE TWIN-BIT ROUGH BORING HEAD+LBK SHANK(MAS 403BT)






P.K06


P.K70

型号说明

BT30 RBA19-LA-C 90L

90L：全长 L

RBA19-LA-C：RBA19-25-LA-C-LBK1 镗头

BT30：BT 刀柄

规格 / 型号 Model	LBK 刀柄 LBK Shank	RBA-LA-C 镗头	镗孔范围 Boring Range	有效加工深度 Z	接合型号 LBK No	全长 L	刀杆长 L1	L2	镗头长度 B	刀杆外径 φD1	重量 KGS
BT30-RBA19-LA-C-90L	BT30-LBK1-55L	RBA19-25-LA-C	19-25	63	LBK1	90	55	27	35	19	0.75
BT30-RBA19-LA-C-105L	BT30-LBK1-70L	RBA19-25-LA-C	19-25	78	LBK1	105	70	27	35	19	0.85
BT30-RBA25-LA-C-120L	BT30-LBK2-80L	RBA25-35-LA-C	25-35	93	LBK2	120	80	27	40	24	0.95
BT30-RBA32-LA-C-120L	BT30-LBK3-80L	RBA32-45-LA-C	32-45	93	LBK3	120	80	27	40	31	1.2
BT30-RBA40-LA-C-120L	BT30-LBK4-70L	RBA40-55-LA-C	40-55	93	LBK4	120	70	27	50	39	1.6
BT30-RBA52-LA-C-120L	BT30-LBK5-60L	RBA52-75-LA-C	52-75	93	LBK5	120	60	27	60	50	2.1
BT30-RBA68-LA-C-130L	BT30-LBK6-60L	RBA68-110-LA-C	68-110	103	LBK6	130	60	27	70	63	3.7
BT40-RBA19-LA-C-110L	BT40-LBK1-75L	RBA19-25-LA-C	19-25	78	LBK1	110	75	32	35	19	1.15
BT40-RBA19-LA-C-140	BT40-LBK1-105L	RBA19-25-LA-C	19-25	108	LBK1	140	105	32	35	19	1.25
BT40-RBA25-LA-C-125L	BT40-LBK2-85L	RBA25-35-LA-C	25-35	93	LBK2	125	85	32	40	24	1.35
BT40-RBA25-LA-C-155L	BT40-LBK2-115L	RBA25-35-LA-C	25-35	123	LBK2	155	115	32	40	24	1.45
BT40-RBA32-LA-C-135L	BT40-LBK3-95L	RBA32-45-LA-C	32-45	103	LBK3	135	95	32	40	31	1.6
BT40-RBA32-LA-C-165L	BT40-LBK3-125L	RBA32-45-LA-C	32-45	133	LBK3	165	125	32	40	31	1.7
BT40-RBA32-LA-C-195L	BT40-LBK3-155L	RBA32-45-LA-C	32-45	163	LBK3	195	155	32	40	31	1.9
BT40-RBA32-LA-C-225L	BT40-LBK3-185L	RBA32-45-LA-C	32-45	193	LBK3	225	185	32	40	31	2.0
BT40-RBA40-LA-C-135L	BT40-LBK4-85L	RBA40-55-LA-C	40-55	103	LBK4	135	85	32	50	39	2.05
BT40-RBA40-LA-C-180L	BT40-LBK4-130L	RBA40-55-LA-C	40-55	148	LBK4	180	130	32	50	39	2.1
BT40-RBA40-LA-C-225L	BT40-LBK4-175L	RBA40-55-LA-C	40-55	193	LBK4	225	175	32	50	39	2.7
BT40-RBA40-LA-C-255L	BT40-LBK4-205L	RBA40-55-LA-C	40-55	223	LBK4	255	205	32	50	39	2.8
BT40-RBA40-LA-C-300L	BT40-LBK4-250L	RBA40-55-LA-C	40-55	268	LBK4	300	250	32	50	39	2.9
BT40-RBA52-LA-C-135L	BT40-LBK5-75L	RBA52-75-LA-C	52-75	103	LBK5	135	75	32	60	50	2.7
BT40-RBA52-LA-C-185L	BT40-LBK5-125L	RBA52-75-LA-C	52-75	153	LBK5	185	125	32	60	50	2.95
BT40-RBA52-LA-C-235L	BT40-LBK5-175L	RBA52-75-LA-C	52-75	203	LBK5	235	175	32	60	50	3
BT40-RBA52-LA-C-265L	BT40-LBK5-205L	RBA52-75-LA-C	52-75	233	LBK5	265	205	32	60	50	4.2
BT40-RBA52-LA-C-310L	BT40-LBK5-250L	RBA52-75-LA-C	52-75	278	LBK5	310	250	32	60	50	4.5
BT40-RBA68-LA-C-135L	BT40-LBK6-65L	RBA68-110-LA-C	68-110	103	LBK6	135	65	32	70	63	4.65
BT40-RBA68-LA-C-185L	BT40-LBK6-115L	RBA68-110-LA-C	68-110	153	LBK6	185	115	32	70	63	6
BT40-RBA68-LA-C-235L	BT40-LBK6-165L	RBA68-110-LA-C	68-110	203	LBK6	235	165	32	70	63	6.35
BT40-RBA68-LA-C-275L	BT40-LBK6-205L	RBA68-110-LA-C	68-110	243	LBK6	275	205	32	70	63	6.6
BT40-RBA110-LA-C-170L	BT40-BST-100L	RBA110-164-LA-C	110-164	138	BST	170	100	32	70	95	8.95
BT40-RBA110-LA-C-220L	BT40-BST-150L	RBA110-164-LA-C	110-164	188	BST	220	150	32	70	95	10.39
BT40-RBA110-LA-C-270L	BT40-BST-200L	RBA110-164-LA-C	110-164	238	BST	270	200	32	70	95	11.87
BT40-RBA160-LA-C-170L	BT40-BST-100L	RBA160-204-LA-C	160-204	138	BST	170	100	32	70	95	9.95
BT40-RBA160-LA-C-220L	BT40-BST-150L	RBA160-204-LA-C	160-204	188	BST	220	150	32	70	95	11.39
BT40-RBA160-LA-C-270L	BT40-BST-200L	RBA160-204-LA-C	160-204	238	BST	270	200	32	70	95	12.87

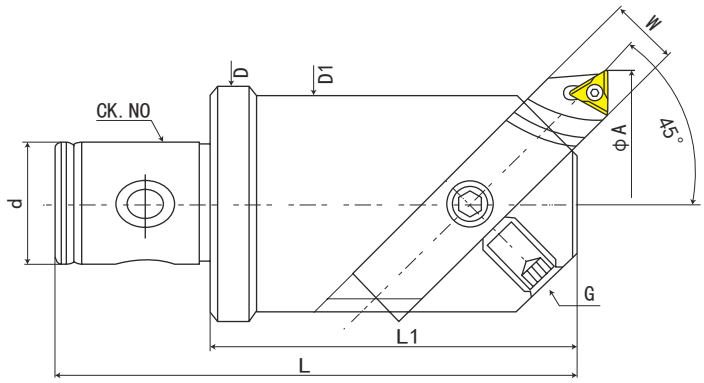
RBA-LA-C 新型带齿双刃粗镗头 +LBK 刀柄（MAS 403BT)

RBA-LA-C INDEXABLE TWIN-BIT ROUGH BORING HEAD+LBK SHANK(MAS 403BT)

规格 / 型号 Model	LBK 刀柄 LBK Shank	RBA-LA-C 镗头	镗孔范围 Boring Range	有效加工深度 Z	接合型号 LBK No	全长 L	刀杆长 L1	L2	镗头长 度 B	刀杆外径 φD1	重量 KGS
BT50-RBA19-LA-C-125L	BT50-LBK1-90L	RBA19-25-LA-C	19-25	82	LBK1	125	90	43	35	19	3.55
BT50-RBA19-LA-C-150L	BT50-LBK1-115L	RBA19-25-LA-C	19-25	107	LBK1	150	115	43	35	19	3.65
BT50-RBA19-LA-C-180L	BT50-LBK1-145L	RBA19-25-LA-C	19-25	137	LBK1	180	145	43	35	19	3.75
BT50-RBA19-LA-C-210L	BT50-LBK1-175L	RBA19-25-LA-C	19-25	167	LBK1	210	175	43	35	19	3.85
BT50-RBA25-LA-C-130L	BT50-LBK2-90L	RBA25-35-LA-C	25-35	87	LBK2	130	90	43	40	24	3.95
BT50-RBA25-LA-C-150L	BT50-LBK2-110L	RBA25-35-LA-C	25-35	107	LBK2	150	110	43	40	24	4.15
BT50-RBA25-LA-C-180L	BT50-LBK2-140L	RBA25-35-LA-C	25-35	137	LBK2	180	140	43	40	24	5.15
BT50-RBA25-LA-C-215L	BT50-LBK2-175L	RBA25-35-LA-C	25-35	172	LBK2	215	175	43	40	24	4.35
BT50-RBA32-LA-C-130L	BT50-LBK3-90L	RBA32-45-LA-C	32-45	87	LBK3	130	90	43	40	31	4.7
BT50-RBA32-LA-C-165L	BT50-LBK3-125L	RBA32-45-LA-C	32-45	122	LBK3	165	125	43	40	31	4.7
BT50-RBA32-LA-C-195L	BT50-LBK3-155L	RBA32-45-LA-C	32-45	152	LBK3	195	155	43	40	31	4.9
BT50-RBA32-LA-C-225L	BT50-LBK3-185L	RBA32-45-LA-C	32-45	182	LBK3	225	185	43	40	31	4.7
BT50-RBA32-LA-C-255L	BT50-LBK3-215L	RBA32-45-LA-C	32-45	212	LBK3	255	215	43	40	31	4.95
BT50-RBA40-LA-C-140L	BT50-LBK4-90L	RBA40-55-LA-C	40-55	97	LBK4	140	90	43	50	39	5.2
BT50-RBA40-LA-C-165L	BT50-LBK4-115L	RBA40-55-LA-C	40-55	122	LBK4	165	115	43	50	39	5.4
BT50-RBA40-LA-C-195L	BT50-LBK4-145L	RBA40-55-LA-C	40-55	152	LBK4	195	145	43	50	39	5.8
BT50-RBA40-LA-C-225L	BT50-LBK4-175L	RBA40-55-LA-C	40-55	182	LBK4	225	175	43	50	39	5.2
BT50-RBA40-LA-C-255L	BT50-LBK4-205L	RBA40-55-LA-C	40-55	212	LBK4	255	205	43	50	39	5.45
BT50-RBA40-LA-C-300L	BT50-LBK4-250L	RBA40-55-LA-C	40-55	257	LBK4	300	250	43	50	39	5.8
BT50-RBA40-LA-C-350L	BT50-LBK4-300L	RBA40-55-LA-C	40-55	307	LBK4	350	300	43	50	39	6.1
BT50-RBA40-LA-C-400L	BT50-LBK4-350L	RBA40-55-LA-C	40-55	357	LBK4	400	350	43	50	39	5.4
BT50-RBA52-LA-C-150L	BT50-LBK5-90L	RBA52-75-LA-C	52-75	107	LBK5	150	90	43	60	50	6.4
BT50-RBA52-LA-C-165L	BT50-LBK5-105L	RBA52-75-LA-C	52-75	122	LBK5	165	105	43	60	50	6.5
BT50-RBA52-LA-C-210L	BT50-LBK5-150L	RBA52-75-LA-C	52-75	167	LBK5	210	150	43	60	50	7
BT50-RBA52-LA-C-240L	BT50-LBK5-180L	RBA52-75-LA-C	52-75	197	LBK5	240	180	43	60	50	7.2
BT50-RBA52-LA-C-300L	BT50-LBK5-240L	RBA52-75-LA-C	52-75	257	LBK5	300	240	43	60	50	7.4
BT50-RBA52-LA-C-330L	BT50-LBK5-270L	RBA52-75-LA-C	52-75	287	LBK5	330	270	43	60	50	7.7
BT50-RBA52-LA-C-360L	BT50-LBK5-300L	RBA52-75-LA-C	52-75	317	LBK5	360	300	43	60	50	8
BT50-RBA52-LA-C-410L	BT50-LBK5-350L	RBA52-75-LA-C	52-75	367	LBK5	410	350	43	60	50	8.3
BT50-RBA68-LA-C-165L	BT50-LBK6-95L	RBA68-110-LA-C	68-110	122	LBK6	165	95	43	70	63	8.4
BT50-RBA68-LA-C-220L	BT50-LBK6-150L	RBA68-110-LA-C	68-110	177	LBK6	220	150	43	70	63	9
BT50-RBA68-LA-C-240L	BT50-LBK6-170L	RBA68-110-LA-C	68-110	197	LBK6	240	170	43	70	63	8.8
BT50-RBA68-LA-C-275L	BT50-LBK6-205L	RBA68-110-LA-C	68-110	232	LBK6	275	205	43	70	63	9.4
BT50-RBA68-LA-C-300L	BT50-LBK6-230L	RBA68-110-LA-C	68-110	257	LBK6	300	230	43	70	63	9.95
BT50-RBA68-LA-C-340L	BT50-LBK6-270L	RBA68-110-LA-C	68-110	297	LBK6	340	270	43	70	63	10.7
BT50-RBA68-LA-C-370L	BT50-LBK6-300L	RBA68-110-LA-C	68-110	327	LBK6	370	300	43	70	63	12
BT50-RBA68-LA-C-420L	BT50-LBK6-350L	RBA68-110-LA-C	68-110	377	LBK6	420	350	43	70	63	13.3
BT50-RBA68-LA-C-470L	BT50-LBK6-400L	RBA68-110-LA-C	68-110	427	LBK6	470	400	43	70	63	14.3
BT50-RBA68-LA-C-520L	BT50-LBK6-450L	RBA68-110-LA-C	68-110	477	LBK6	520	450	43	70	63	15.3
BT50-RBA110-LA-C-170L	BT50-BST-100L	RBA110-164-LA-C	110-164	127	BST	170	100	43	70	95	9.95
BT50-RBA110-LA-C-220L	BT50-BST-150L	RBA110-164-LA-C	110-164	177	BST	220	150	43	70	95	11.39
BT50-RBA110-LA-C-270L	BT50-BST-200L	RBA110-164-LA-C	110-164	227	BST	270	200	43	70	95	12.87
BT50-RBA110-LA-C-320L	BT50-BST-250L	RBA110-164-LA-C	110-164	277	BST	320	250	43	70	95	14.26
BT50-RBA110-LA-C-370L	BT50-BST-300L	RBA110-164-LA-C	110-164	327	BST	370	300	43	70	95	16.8
BT50-RBA110-LA-C-420L	BT50-BST-350L	RBA110-164-LA-C	110-164	377	BST	420	350	43	70	95	18.1
BT50-RBA110-LA-C-470L	BT50-BST-400L	RBA110-164-LA-C	110-164	427	BST	470	400	43	70	95	19.4
BT50-RBA110-LA-C-520L	BT50-BST-450L	RBA110-164-LA-C	110-164	477	BST	520	450	43	70	95	20.7
BT50-RBA110-LA-C-570L	BT50-BST-500L	RBA110-164-LA-C	110-164	527	BST	570	500	43	70	95	22
BT50-RBA160-LA-C-170L	BT50-BST-100L	RBA160-204-LA-C	160-204	127	BST	170	100	43	70	95	10.95
BT50-RBA160-LA-C-220L	BT50-BST-150L	RBA160-204-LA-C	160-204	177	BST	220	150	43	70	95	12.39
BT50-RBA160-LA-C-270L	BT50-BST-200L	RBA160-204-LA-C	160-204	227	BST	270	200	43	70	95	13.87
BT50-RBA160-LA-C-320L	BT50-BST-250L	RBA160-204-LA-C	160-204	277	BST	320	250	43	70	95	15.26
BT50-RBA160-LA-C-370L	BT50-BST-300L	RBA160-204-LA-C	160-204	327	BST	370	300	43	70	95	17.8
BT50-RBA160-LA-C-420L	BT50-BST-350L	RBA160-204-LA-C	160-204	377	BST	420	350	43	70	95	19.1
BT50-RBA160-LA-C-470L	BT50-BST-400L	RBA160-204-LA-C	160-204	427	BST	470	400	43	70	95	20.4
BT50-RBA160-LA-C-520L	BT50-BST-450L	RBA160-204-LA-C	160-204	477	BST	520	450	43	70	95	21.7
BT50-RBA160-LA-C-570L	BT50-BST-500L	RBA160-204-LA-C	160-204	527	BST	570	500	43	70	95	23

CK-BSA-45°盲孔粗镗刀头 CK-BSA-45° BLIND HOLE ROUGH BORING

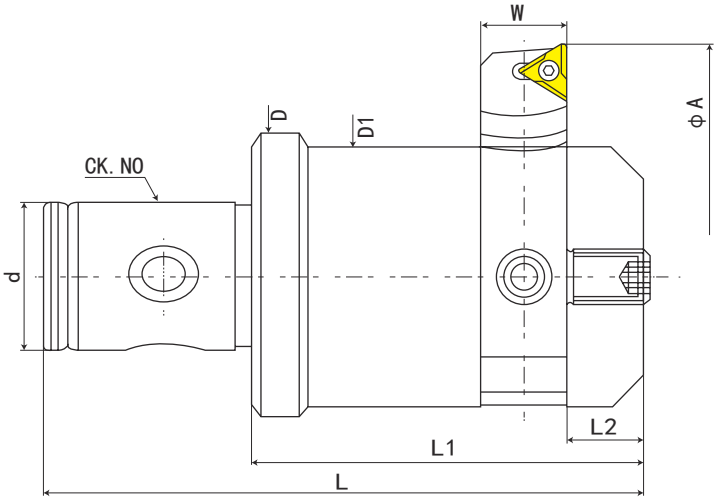




规格 / 型号 Model	CK.NO	镗孔范围 Boring Range		尺寸 Size							
		ϕA min	ϕA max	D	D1	d	L	L1	E	□ W	G
BSA30-CK2		30	42	24	24		40		1.6	8	M6*1.00P
BSA38-CK3		38	52	31	60		60		2.6	10	M8*1.25P
BSA50-CK4		50	65	42	40		70		3	13	M10*1.50P
BSA62-CK5		62	90	55	50		85		2	16	M12*1.75P
BSA72-CK6		72	110	63	60		98		2.4	19	M12*1.75P

CK-BSB-90° 通孔粗镗刀头 CK-BSB-90° THROUGH HOLE ROUGH BORING





规格 / 型号 Model	CK.NO	镗孔范围 Boring Range		尺寸 Size							
		ϕA min	ϕA max	D	D1	d	L	L1	L2	□ W	G
BSB25-CK2		26	52	24	20		45			8	M6*1.00P
BSB38-CK3		38	70	31	30		55			10	M8*1.25P
BSB50-CK4		50	90	42	40		60			13	M10*1.50P
BSB62-CK5		62	115	55	50		70			16	M12*1.75P
BSB72-CK6		72	135	63	60		85			19	M12*1.75P



MFWN90°刀盘

双面6刀尖90°

刀盘低阻力 实现振刀降低

抗振能力强

低阻低耗 斜面设计 降低阻力

动态斜面设计 能缓和入刀冲击力







■ 大前倾角与动态斜面设计实现低阻力、低振感，有效提高被加工表面粗糙度。

■ 厚规格设计使得抗崩刃性更卓越，刀锋尖端厚度 8. 5mm，最薄部位也确保 5mm 厚度，最大切深 8mm。

■ 无方向刀片可应对多种类加工，包括平面、台阶、切槽、垂直加工。

■ 双面 6 刀尖比传统正角刀片更经济实惠。

无方向刀片

不仅是面加工，还可垂直加工，无方向之分可对应左手刀杆（非标品）



可对应多样加工



参考图 1



参考图 2

刀片更换操作顺序

1. 清除刀片安装部的铁屑及杂物。
2. 将刀片轻放在刀盘安装部位上，刀片侧面与刀盘拘束面对齐。

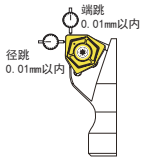
※ 刀片侧面与刀盘拘束面对齐状态（参考图 1）

3. 将刀片往拘束面方向轻压，使用扭力扳手安装进行紧固。
4. 扳手与螺丝在平行的方向上进行锁紧。
5. 请务必使用本产品附属的紧固螺丝和扭力扳手。
6. 锁紧后，请确认刀片的底面与刀盘的支撑面，刀片的侧面与拘束面之间有没有间隙。如果有间隙，请再次按安装顺序重新安装刀片。
7. 在更换刀片的刀尖时，请将刀片往逆时针方向旋转（参考图 2）

MFWN90°方肩铣刀盘 MFWN90 ° SQUARE SHOULDER MILL CUTTER



FIG.1



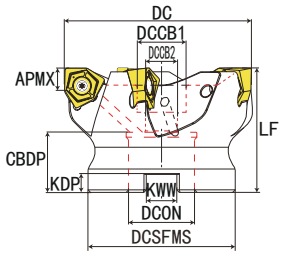
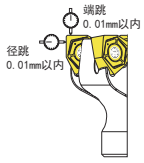




FIG. 2



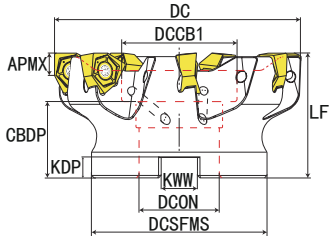
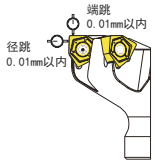




FIG. 3



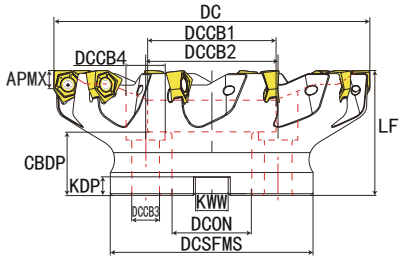
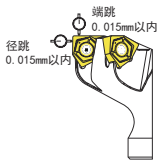
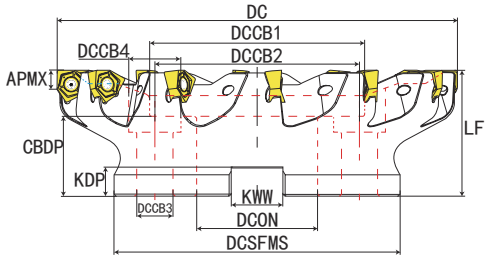




FIG. 4





螺丝 Screw	旗型扳手 Wrench	刀片 Insert	切刃长度 APMX
SI50M5*14L	T15	WN □□ 08	8.0

规格 / 型号 Model	刃数 CICT	切削直径 DC	标准全长 LF	安装孔径 DCON	接触面直径 DCSFMS	键槽宽度 KWW	键槽深度 KDP	安装孔深度 CBDP	安装螺孔 DCCB1	安装螺孔 DCCB2	安装螺孔 DCCB3	安装螺孔 DCCB4	冷却孔	图示 FIG	重量 KGS
MFWN90-063-B22-4T-WN08	4	63	40	22	48	10.4	6.3	21	19	11	—	—	有	1	0.4
MFWN90-080-B27-5T-WN08	5	80	50	27	60	12.4	7	24	20	13	—	—	有	1	0.9
MFWN90-100-B32-7T-WN08	7	100	50	32	70	14.4	8	30	46	—	—	—	有	2	1.1
MFWN90-125-B40-8T-WN08	8	125	63	40	87	16.4	9	33	55	—	—	—	有	2	2.4
MFWN90-160-B40-10T-WN08	10	160	63	40	102	16.4	9	32	68	66.7	14	20	无	3	3.7
MFWN90-200-B60-12T-WN08	12	200	63	60	142	25.7	14	40	110	101.6	18	26	无	4	6
MFWN90-250-B60-14T-WN08	14	250	63	60	142	25.7	14	40	110	101.6	18	26	无	4	8.5

MFWN90 - 063 - B22 - 4T - WN08

- WN08 → 刀片规格 Specification
- 4T → 刃数 No.of flutes
- B22 → 安装孔径 Inner diameter
- 063 → 刃径 Flute diameter
- MFWN90 → 功能代号 Function code



SN45°面铣刀盘

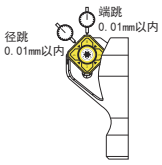
双面加厚的负型8刃刀片设计
具有高强度,保证加工稳定性,
刀片更经济主偏角45°，
低阻力设计抑制振刀
适用于面铣加工

高精度铣削刀具 High Precision Milling Tool

SN45°面铣刀盘 SN45° FACE MILL CUTTER



FIG. 1



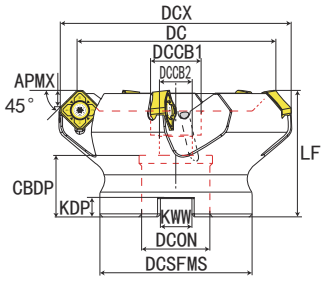
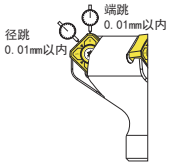




FIG. 2



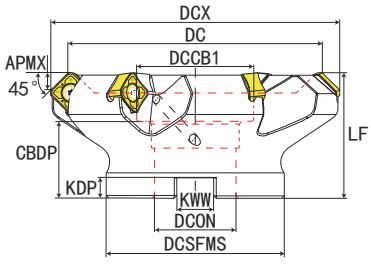
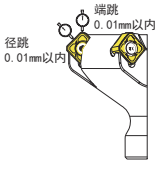




FIG. 3



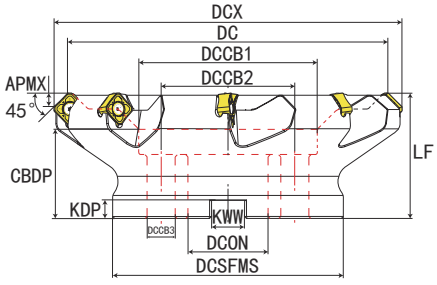
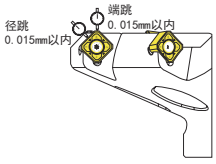
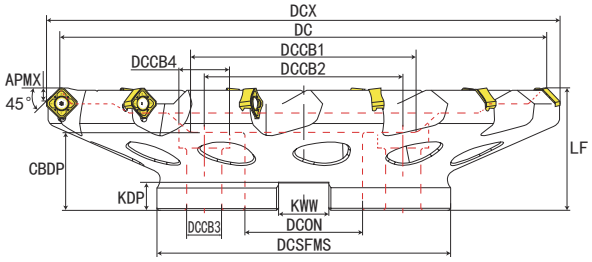




FIG. 4





螺丝 Screw	旗型扳手 Wrench	刀片 Insert	切刃长度 APMX
SI82M5*0.8*14L	T15	SN □□ 12	6.5

规格 / 型号 Model	刃数 CICT	切削直径 DC	最大切削直径 DCX	标准全长 LF	安装孔径 DCON	接触面直径 DCSFMS	键槽宽度 KWW	键槽深度 KDP	安装孔深度 CBDP	安装螺孔 DCCB1	安装螺孔 DCCB2	安装螺孔 DCCB3	安装螺孔 DCCB4	冷却孔	图示 FIG	重量 KGS
SN45-050-B22-3T-SN12	3	50	63.5	40	22	45	10.4	6.3	21	17	11	—	—	有	1	0.4
SN45-063-B22-4T-SN12	4	63	76.5	40	22	52	10.4	6.3	21	19	11	—	—	有	1	0.6
SN45-080-B27-5T-SN12	5	80	93.5	50	27	60	12.4	7	24	20	13	—	—	有	1	1.1
SN45-100-B32-6T-SN12	6	100	113.5	50	32	70	14.4	8	30	46	—	—	—	有	2	1.4
SN45-125-B40-7T-SN12	7	125	138.5	63	40	87	16.4	9	36	55	—	—	—	有	2	2.9
SN45-160-B40-8T-SN12	8	160	173.5	63	40	115	16.4	9	32	89	66.7	14	—	无	3	4.3
SN45-200-B60-10T-SN12	10	200	213.5	63	60	150	25.7	14	40	132	101.6	18	26	无	4	6.6
SN45-250-B60-12T-SN12	12	250	263.5	63	60	150	25.7	14	40	115	101.6	18	26	无	4	8.5
SN45-315-B60-15T-SN12	15	315	328.5	80	60	220	25.7	14	40	110	101.6	18	26	无	4	20.5

SN45 - 050 - B22 - 3T - SN12

- SN45 — 功能代号 Function code
- 050 — 刃径 Flute diameter
- B22 — 安装孔径 Inner diameter
- 3T — 刃数 No.of flutes
- SN12 — 刀片规格 Specification



SN88°面铣刀盘

双面加厚的负型8刃刀片设计

具有高强度，保证加工稳定性，刀片更经济

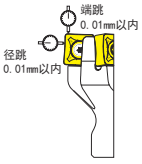
在台阶粗加工方面发挥威力

φ32系列开始的系列对应多种加工

SN88°面铣刀盘 SN88° FACE MILL CUTTER



FIG. 1



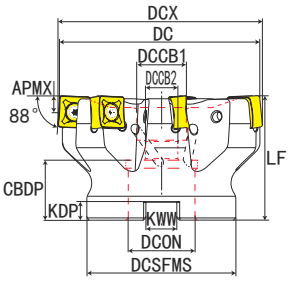
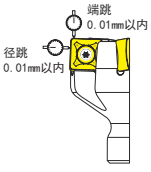




FIG. 2



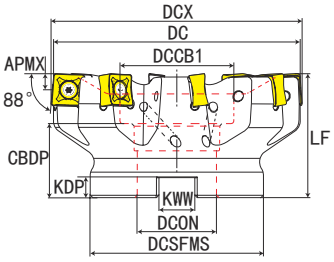
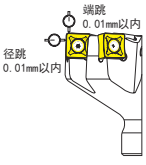
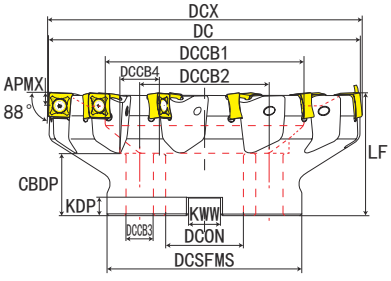




FIG. 3





螺丝 Screw	旗型扳手 Wrench	刀片 Insert	切刃长度 APMX
SI82M5*0.8*14L	T15	SN □□ 12	10.0

规格 / 型号 Model	刃数 CICT	切削直径 DC	最大切削直径 DCX	标准全长 LF	安装孔径 DCON	接触面直径 DCSFMS	键槽宽度 KWW	键槽深度 KDP	安装孔深度 CBDP	安装螺孔 DCCB1	安装螺孔 DCCB2	安装螺孔 DCCB3	安装螺孔 DCCB4	冷却孔	图示 FIG	重量 KGS
SN88-050-B22-4T-SN12	4	50	53	40	22	41	10.4	6.3	20	17	11	—	—	有	1	0.3
SN88-063-B22-5T-SN12	5	63	66	40	22	48	10.4	6.3	20	17	11	—	—	有	1	0.5
SN88-080-B27-7T-SN12	7	80	83	50	27	60	12.4	7	24	20	13	—	—	有	1	1
SN88-100-B32-8T-SN12	8	100	103	50	32	70	14.4	8	30	46	—	—	—	有	2	1.3
SN88-125-B40-10T-SN12	10	125	128	63	40	87	16.4	9	36	55	—	—	—	有	2	2.8
SN88-160-B40-12T-SN12	12	160	163	63	40	100	16.4	9	32	67	66.7	14	20	无	3	3.7
SN88-200-B60-14T-SN12	14	200	203	63	60	142	25.7	14	40	*	101.6	18	26	无	3	6
SN88-250-B60-16T-SN12	16	250	253	63	60	142	25.7	14	40	*	101.6	18	26	无	3	8.5
SN88-315-B60-20T-SN12	20	315	318	80	60	220	25.7	14	40	*	101.6	18	26	无	3	20.5

SN88 - 050 - B22 - 4T - SN12

- SN88 — 功能代号 Function code
- 050 — 刃径 Flute diameter
- B22 — 安装孔径 Inner diameter
- 4T — 刃数 No.of flutes
- SN12 — 刀片规格 Specification

BAP90°方肩铣刀盘

独特的切削刃和断屑槽的曲线设计保证完美的90° 加工和低切削阻力。

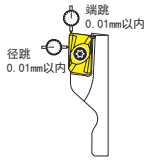
多功能刀具设计可应用于多种用途（面铣、槽铣、方肩铣等），切削刃强度高和切削阻力小确保在大切深加工时具有良好的加工性能。



BAP300R-90°方肩铣刀盘 BAP300R-90° RIGHT ANGLE SHOULDER FACE MILL



FIG. 1



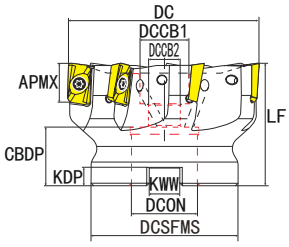
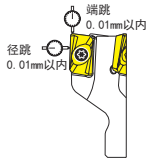
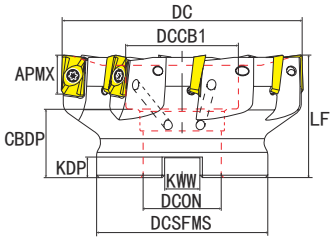




FIG. 2





螺丝 Screw	旗型扳手 Wrench	刀片 Insert	切刃长度 APMX
M2.5*0.45*6.5	T8	APMT1135	9.0

规格 / 型号 Model	刃数 CICT	切削直径 DC	标准全长 LF	安装孔径 DCON	接触面直径 DCSFMS	键槽宽度 KWW	键槽深度 KDP	安装孔深度 CBDP	安装螺孔 DCCB1	安装螺孔 DCCB2	冷却孔	图示 FIG	重量 KGS
BAP300R-040-B16-6T-C	6	40	40	16	37	8.4	5.6	19	14	9	有	1	0.2
BAP300R-050-B22-7T-C	7	50	40	22	41	10.4	6.3	20	17	11	有	1	0.3
BAP300R-063-B22-8T-C	8	63	40	22	48	10.4	6.3	20	17	11	有	1	0.5
BAP300R-063-A25.4-8T-C	8	63	40	25.4	48	9.5	6	24	20	13	有	1	0.5
BAP300R-080-B27-10T-C	10	80	50	27	60	12.4	7	24	20	13	有	1	1
BAP300R-080-A25.4-10T-C	10	80	50	25.4	60	9.5	6	26	20	13	有	1	1
BAP300R-100-B32-12T-C	12	100	50	32	70	14.4	8	28	46	—	有	2	1.5
BAP300R-100-A31.75-12T-C	12	100	50	31.75	70	12.7	8	30	46	—	有	2	1.5

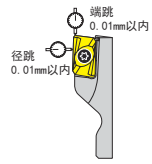
BAP300R - 040 - B16 - 6T - C

- C → 冷 却 孔 Cooling hole
- 6T → 刃 数 No.of flutes
- B16 → 安 装 孔 径 Inner diameter
- 040 → 刃 径 Flute diameter
- BAP300R → 功 能 代 号 Function code

BAP400R-90°方肩铣刀盘 BAP400R-90° RIGHT ANGLE SHOULDER FACE MILL



FIG. 1



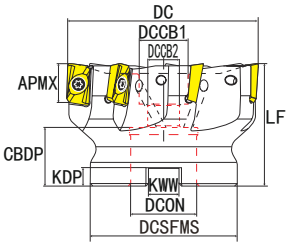
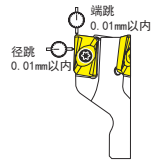




FIG. 2



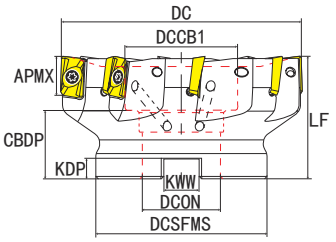
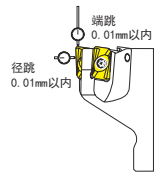
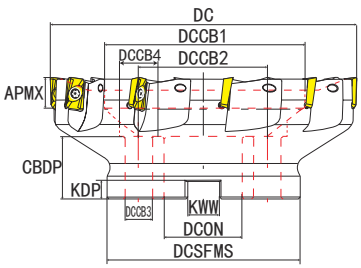




FIG. 3





螺丝 Screw	旗型扳手 Wrench	刀片 Insert	切刃长度 APMX
M4*0.7*10	T15	APMT1604	15.0

规格 / 型号 Model	刃数 CICT	切削直径 DC	标准全长 LF	安装孔径 DCON	接触面直径 DCSFMS	键槽宽度 KWW	键槽深度 KDP	安装孔深度 CBDP	安装螺孔 DCCB1	安装螺孔 DCCB2	安装螺孔 DCCB3	安装螺孔 DCCB4	冷却孔	图示 FIG	重量 KGS
BAP400R-040-B16-4T-C	4	40	40	16	37	8.4	5.6	19	14	9	—	—	有	1	0.2
BAP400R-050-B22-5T-C	5	50	40	22	41	10.4	6.3	20	17	11	—	—	有	1	0.25
BAP400R-063-A25.4-5T-C	5	63	40	25.4	48	9.5	6	26	17	13	—	—	有	1	0.45
BAP400R-063-B22-6T-C	6	63	40	22	48	10.4	6.3	20	17	11	—	—	有	1	0.45
BAP400R-080-A25.4-7T-C	7	80	50	25.4	60	9.5	6	24	20	13	—	—	有	1	1
BAP400R-080-B27-7T-C	7	80	50	27	60	12.4	7	24	20	13	—	—	有	1	1
BAP400R-100-A31.75-8T-C	8	100	50	31.75	70	12.7	8	30	46	—	—	—	有	2	1.4
BAP400R-100-B32-8T-C	8	100	50	32	70	14.4	8	28	46	—	—	—	有	2	1.4
BAP400R-125-A38.1-9T-C	9	125	63	38.1	87	15.9	10	36	55	—	—	—	有	2	2.8
BAP400R-125-B40-9T-C	9	125	63	40	87	16.4	9	36	55	—	—	—	有	2	2.8
BAP400R-160-A38.1-10T-C	10	160	63	38.1	100	16.4	10	36	55	—	—	—	无	3	3.8
BAP400R-160-B40-10T-C	10	160	63	40	100	16.4	9	32	67	66.7	14	20	无	3	3.8
BAP400R-200-B60-12T-C	12	200	63	60	142	25.7	14	40	*	101.6	18	26	无	3	6
BAP400R-250-B60-14T-C	12	250	63	60	142	25.7	14	40	*	101.6	18	26	无	3	8.5

BAP400R - 040 - B16 - 4T - C

- C — 冷 却 孔 Cooling hole
- 4T — 刃 数 No.of flutes
- B16 — 安 装 孔 径 Inner diameter
- 040 — 刃 径 Flute diameter
- BAP400R — 功 能 代 号 Function code

BAP90°方肩铣刀杆

独特的切削刃和断屑槽的曲线设计保证完美的90° 加工和低切削阻力。

多功能刀具设计可应用于多种用途（面铣、槽铣、方肩铣等），切削刃强度高和切削阻力小确保在大切深加工时具有良好的加工性能。



BAP300R-90°方肩铣刀杆 BAP300R-90° RIGHT ANGLE SHOULDER END MILL



FIG. 1

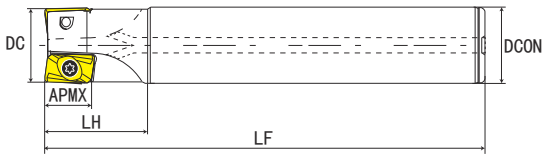
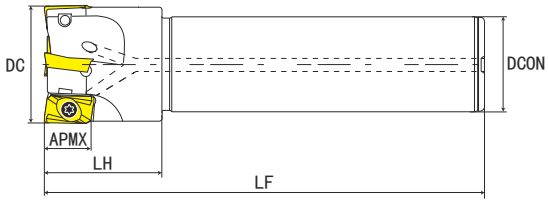




FIG. 2



规格 / 型号	刃数 CICT	切削直径 DC	标准全长 LF	柄部直径 DCON	刀头长度 LH	切刃长度 APMX	夹紧螺丝 Screw	扳手 Wrench	刀片 Insert	冷却孔	图示 FIG	重量 KGS
BAP300R-10-100-C10-1T-C	1	10	100	10	25	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-10-130-C10-1T-C	1	10	130	10	25	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-10-150-C10-1T-C	1	10	150	10	25	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-11-100-C10-1T-C	1	11	100	10	25	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-11-130-C10-1T-C	1	11	130	10	25	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-11-150-C10-1T-C	1	11	150	10	25	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-12-100-C12-1T-C	1	12	100	12	25	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-12-130-C12-1T-C	1	12	130	12	25	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-12-150-C12-1T-C	1	12	150	12	25	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-12-200-C12-1T-C	1	12	200	12	25	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-13-100-C12-1T-C	1	13	100	12	25	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-13-130-C12-1T-C	1	13	130	12	25	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-13-150-C12-1T-C	1	13	150	12	25	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-14-150-C14-1T-C	1	14	150	14	25	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-14-200-C14-1T-C	1	14	200	14	25	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-15-150-C15-1T-C	1	15	150	15	25	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-15-200-C15-1T-C	1	15	200	15	25	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-16-150-C15-2T-C	2	16	150	15	25	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-16-200-C15-2T-C	2	16	200	15	25	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-16-250-C15-2T-C	2	16	250	15	25	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-16-150-C15.6-2T-C	2	16	150	15.6	25	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-16-200-C15.6-2T-C	2	16	200	15.6	25	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-16-250-C15.6-2T-C	2	16	250	15.6	25	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-16-120-C16-2T-C	2	16	120	16	25	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-16-150-C16-2T-C	2	16	150	16	25	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-16-200-C16-2T-C	2	16	200	16	25	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-16-250-C16-2T-C	2	16	250	16	25	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-16-300-C16-2T-C	2	16	300	16	25	9	M2.5*0.45*6.5	T8	APMT1135	有	1	

BAP300R-90°方肩铣刀杆 BAP300R-90° RIGHT ANGLE SHOULDER END MILL



FIG. 1

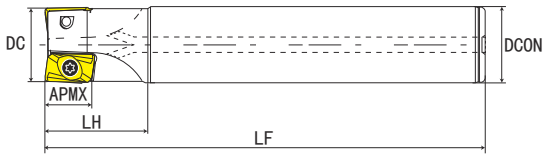
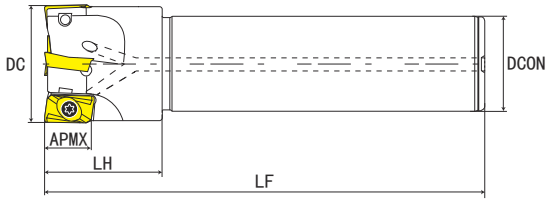




FIG. 2



规格 / 型号	刃数 CICT	切削直径 DC	标准全长 LF	柄部直径 DCON	刀头长度 LH	切刃长度 APMX	夹紧螺丝 Screw	扳手 Wrench	刀片 Insert	冷却孔	图示 FIG	重量 KGS
BAP300R-17-150-C16-2T-C	2	17	150	16	25	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-17-200-C16-2T-C	2	17	200	16	25	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-18-150-C16-2T-C	2	18	150	16	25	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-18-200-C16-2T-C	2	18	200	16	25	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-18-250-C16-2T-C	2	18	250	16	25	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-19-150-C19-2T-C	2	19	150	19	25	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-19-200-C19-2T-C	2	19	200	19	25	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-19-250-C19-2T-C	2	19	250	19	25	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-20-150-C19-3T-C	3	20	150	19	30	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-20-200-C19-3T-C	3	20	200	19	30	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-20-120-C20-3T-C	3	20	120	20	30	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-20-150-C20-3T-C	3	20	150	20	30	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-20-200-C20-3T-C	3	20	200	20	30	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-20-250-C20-3T-C	3	20	250	20	30	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-20-300-C20-3T-C	3	20	300	20	30	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-21-150-C20-3T-C	3	21	150	20	30	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-21-200-C20-3T-C	3	21	200	20	30	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-21-250-C20-3T-C	3	21	250	20	30	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-21-300-C20-3T-C	3	21	300	20	30	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-22-150-C20-3T-C	3	22	150	20	30	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-22-200-C20-3T-C	3	22	200	20	30	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-22-250-C20-3T-C	3	22	250	20	30	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-25-150-C24-4T-C	4	25	150	24	35	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-25-200-C24-4T-C	4	25	200	24	35	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-25-250-C24-4T-C	4	25	250	24	35	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-25-300-C24-4T-C	4	25	300	24	35	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-25-150-C25-4T-C	4	25	150	25	35	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-25-200-C25-4T-C	4	25	200	25	35	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-25-250-C25-4T-C	4	25	250	25	35	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-25-300-C25-4T-C	4	25	300	25	35	9	M2.5*0.45*6.5	T8	APMT1135	有	1	

BAP300R-90°方肩铣刀杆 BAP300R-90° RIGHT ANGLE SHOULDER END MILL



FIG. 1

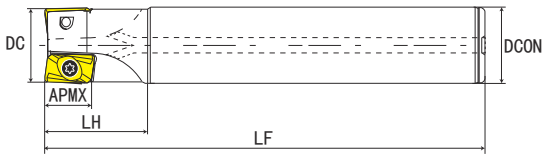
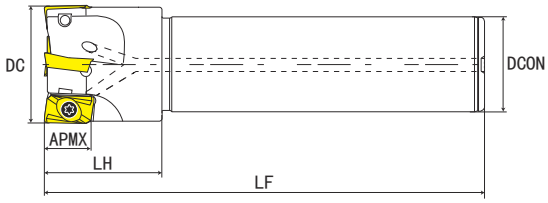




FIG. 2



规格 / 型号	刃数 CICT	切削直径 DC	标准全长 LF	柄部直径 DCON	刀头长度 LH	切刃长度 APMX	夹紧螺丝 Screw	扳手 Wrench	刀片 Insert	冷却孔	图示 FIG	重量 KGS
BAP300R-26-150-C25-4T-C	4	26	150	25	35	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-26-200-C25-4T-C	4	26	200	25	35	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-26-250-C25-4T-C	4	26	250	25	35	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-26-300-C25-4T-C	4	26	300	25	35	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-27-150-C25-4T-C	4	27	150	25	35	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-27-200-C25-4T-C	4	27	200	25	35	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-27-250-C25-4T-C	4	27	250	25	35	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-28-150-C25-4T-C	4	28	150	25	35	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-28-200-C25-4T-C	4	28	200	25	35	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-28-250-C25-4T-C	4	28	250	25	35	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-29-150-C25-4T-C	4	29	150	25	35	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-29-200-C25-4T-C	4	29	200	25	35	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-29-250-C25-4T-C	4	29	250	25	35	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-30-150-C25-4T-C	4	30	150	25	35	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-30-200-C25-4T-C	4	30	200	25	35	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-30-250-C25-4T-C	4	30	250	25	35	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-32-150-C32-5T-C	5	32	150	32	35	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-32-200-C32-5T-C	5	32	200	32	35	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-32-250-C32-5T-C	5	32	250	32	35	9	M2.5*0.45*6.5	T8	APMT1135	有	1	
BAP300R-33-150-C32-5T-C	5	33	150	32	40	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-33-200-C32-5T-C	5	33	200	32	40	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-33-250-C32-5T-C	5	33	250	32	40	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-35-150-C32-5T-C	5	35	150	32	40	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-35-200-C32-5T-C	5	35	200	32	40	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-35-250-C32-5T-C	5	35	250	32	40	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-35-300-C32-5T-C	5	35	300	32	40	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-40-150-C32-6T-C	6	40	150	32	40	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-40-200-C32-6T-C	6	40	200	32	40	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-50-150-C32-7T-C	7	50	150	32	40	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-50-200-C32-7T-C	7	50	200	32	40	9	M2.5*0.45*6.5	T8	APMT1135	有	2	
BAP300R-63-150-C32-8T-C	8	63	150	32	40	9	M2.5*0.45*6.5	T8	APMT1135	有	2	

BAP400R-90°方肩铣刀杆 BAP400R-90° RIGHT ANGLE SHOULDER END MILL



FIG. 1

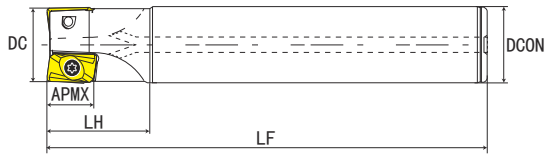
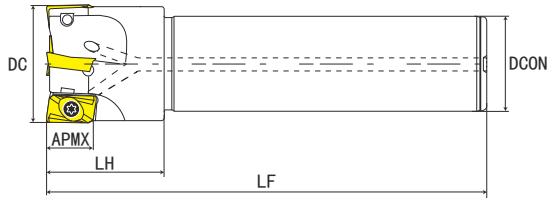




FIG. 2



规格 / 型号	刃数 CICT	切削直径 DC	标准全长 LF	柄部直径 DCON	刀头长度 LH	切刃长度 APMX	夹紧螺丝 Screw	扳手 Wrench	刀片 Insert	冷却孔	图示 FIG	重量 KGS
BAP400R-22-150-C20-2T-C	2	22	150	20	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-22-200-C20-2T-C	2	22	200	20	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-22-250-C20-2T-C	2	22	250	20	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-23-150-C20-2T-C	2	23	150	20	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-23-200-C20-2T-C	2	23	200	20	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-23-250-C20-2T-C	2	23	250	20	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-24-150-C24-2T-C	2	24	150	24	35	15	M4*0.7*10	T15	APMT1604	有	1	
BAP400R-24-200-C24-2T-C	2	24	200	24	35	15	M4*0.7*10	T15	APMT1604	有	1	
BAP400R-24-250-C24-2T-C	2	24	250	24	35	15	M4*0.7*10	T15	APMT1604	有	1	
BAP400R-25-150-C20-2T-C	2	25	150	20	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-25-200-C20-2T-C	2	25	200	20	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-25-150-C24-2T-C	2	25	150	24	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-25-200-C24-2T-C	2	25	200	24	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-25-250-C24-2T-C	2	25	250	24	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-25-300-C24-2T-C	2	25	300	24	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-25-150-C25-2T-C	2	25	150	25	35	15	M4*0.7*10	T15	APMT1604	有	1	
BAP400R-25-200-C25-2T-C	2	25	200	25	35	15	M4*0.7*10	T15	APMT1604	有	1	
BAP400R-25-250-C25-2T-C	2	25	250	25	35	15	M4*0.7*10	T15	APMT1604	有	1	
BAP400R-25-300-C25-2T-C	2	25	300	25	35	15	M4*0.7*10	T15	APMT1604	有	1	
BAP400R-26-150-C25-2T-C	2	26	150	25	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-26-200-C25-2T-C	2	26	200	25	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-26-250-C25-2T-C	2	26	250	25	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-27-150-C25-2T-C	2	27	150	25	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-27-200-C25-2T-C	2	27	200	25	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-27-250-C25-2T-C	2	27	250	25	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-28-150-C25-2T-C	2	28	150	25	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-28-200-C25-2T-C	2	28	200	25	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-28-250-C25-2T-C	2	28	250	25	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-30-150-C25-3T-C	3	30	150	25	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-30-200-C25-3T-C	3	30	200	25	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-30-250-C25-3T-C	3	30	250	25	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-30-300-C25-3T-C	3	30	300	25	35	15	M4*0.7*10	T15	APMT1604	有	2	

BAP400R-90°方肩铣刀杆 BAP400R-90° RIGHT ANGLE SHOULDER END MILL



FIG. 1

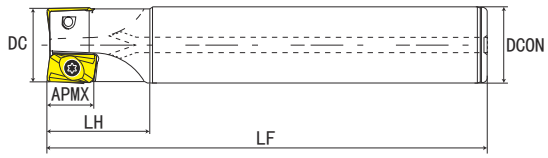
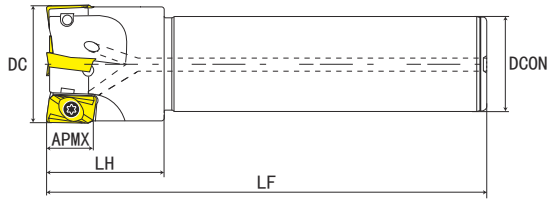




FIG. 2



规格 / 型号	刃数 CICT	切削直径 DC	标准全长 LF	柄部直径 DCON	刀头长度 LH	切刃长度 APMX	夹紧螺丝 Screw	扳手 Wrench	刀片 Insert	冷却孔	图示 FIG	重量 KGS
BAP400R-32-150-C25-3T-C	3	32	150	25	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-32-200-C25-3T-C	3	32	200	25	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-32-250-C25-3T-C	3	32	250	25	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-32-300-C25-3T-C	3	32	300	25	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-32-150-C32-2T-C	2	32	150	32	35	15	M4*0.7*10	T15	APMT1604	有	1	
BAP400R-32-200-C32-2T-C	2	32	200	32	35	15	M4*0.7*10	T15	APMT1604	有	1	
BAP400R-32-250-C32-2T-C	2	32	250	32	35	15	M4*0.7*10	T15	APMT1604	有	1	
BAP400R-32-300-C32-2T-C	2	32	300	32	35	15	M4*0.7*10	T15	APMT1604	有	1	
BAP400R-32-150-C32-3T-C	3	32	150	32	35	15	M4*0.7*10	T15	APMT1604	有	1	
BAP400R-32-200-C32-3T-C	3	32	200	32	35	15	M4*0.7*10	T15	APMT1604	有	1	
BAP400R-32-250-C32-3T-C	3	32	250	32	35	15	M4*0.7*10	T15	APMT1604	有	1	
BAP400R-32-300-C32-3T-C	3	32	300	32	35	15	M4*0.7*10	T15	APMT1604	有	1	
BAP400R-33-150-C32-2T-C	2	33	150	32	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-33-200-C32-2T-C	2	33	200	32	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-33-250-C32-2T-C	2	33	250	32	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-33-300-C32-2T-C	2	33	300	32	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-33-150-C32-3T-C	3	33	150	32	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-33-200-C32-3T-C	3	33	200	32	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-33-250-C32-3T-C	3	33	250	32	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-33-300-C32-3T-C	3	33	300	32	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-34-150-C32-3T-C	3	34	150	32	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-34-200-C32-3T-C	3	34	200	32	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-34-250-C32-3T-C	3	34	250	32	35	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-34-300-C32-3T-C	3	34	300	32	35	15	M4*0.7*10	T15	APMT1604	有	2	

BAP400R - 32 - 150 - C25 - 3T - C

- C — 冷 却 孔 Cooling hole
- 3T — 刃 数 No.of flutes
- C25 — 柄 部 直 径 Shank diameter
- 150 — 全 长 Overall length
- 32 — 切 削 直 径 Cutting diameter
- BAP400R — 功 能 代 号 Function code

BAP400R-90°方肩铣刀杆 BAP400R-90° RIGHT ANGLE SHOULDER END MILL



FIG. 1

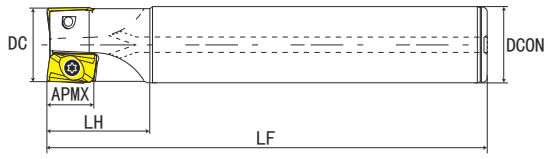
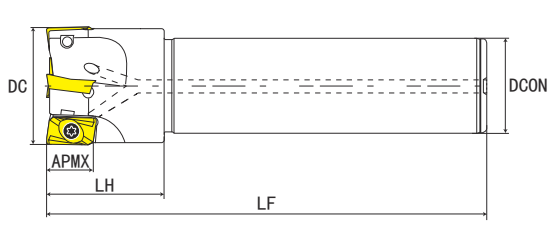




FIG. 2



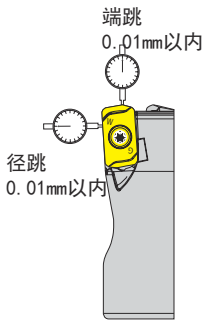
规格 / 型号	刃数 CICT	切削直径 DC	标准全长 LF	柄部直径 DCON	刀头长度 LH	切刃长度 APMX	夹紧螺丝 Screw	扳手 Wrench	刀片 Insert	冷却孔	图示 FIG	重量 KGS
BAP400R-35-150-C32-2T-C	2	35	150	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-35-200-C32-2T-C	2	35	200	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-35-250-C32-2T-C	2	35	250	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-35-300-C32-2T-C	2	35	300	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-35-350-C32-2T-C	2	35	350	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-35-150-C32-3T-C	3	35	150	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-35-200-C32-3T-C	3	35	200	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-35-250-C32-3T-C	3	35	250	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-35-300-C32-3T-C	3	35	300	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-35-350-C32-3T-C	3	35	350	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-35-400-C32-3T-C	3	35	400	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-35-450-C32-3T-C	3	35	450	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-35-500-C32-3T-C	3	35	500	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-35-550-C32-3T-C	3	35	550	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-40-150-C32-4T-C	4	40	150	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-40-200-C32-4T-C	4	40	200	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-40-250-C32-4T-C	4	40	250	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-40-300-C32-4T-C	4	40	300	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-40-350-C32-4T-C	4	40	350	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-40-400-C32-4T-C	4	40	400	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-40-450-C32-4T-C	4	40	450	32	40	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-50-150-C32-5T-C	5	50	150	32	50	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-50-200-C32-5T-C	5	50	200	32	50	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-63-150-C32-6T-C	6	63	150	32	50	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-63-200-C32-6T-C	6	63	200	32	50	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-50-200-C32-5T-C	5	50	200	32	50	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-63-150-C32-6T-C	6	63	150	32	50	15	M4*0.7*10	T15	APMT1604	有	2	
BAP400R-63-200-C32-6T-C	6	63	200	32	50	15	M4*0.7*10	T15	APMT1604	有	2	

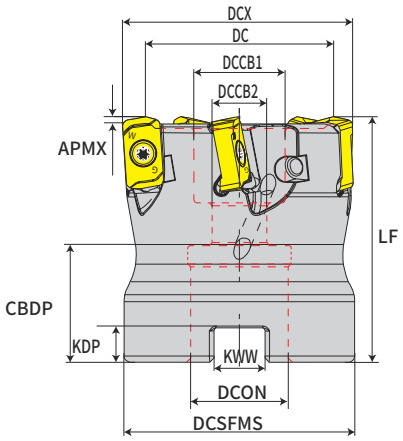
BAP400R - 35 - 150 - C32 - 2T - C

- C → 冷 却 孔 Cooling hole
- 2T → 刃 数 No.of flutes
- C32 → 柄 部 直 径 Shank diameter
- 150 → 全 长 Overall length
- 35 → 切 削 直 径 Cutting diameter
- BAP400R → 功 能 代 号 Function code

MFH 快进给铣刀盘 MFH FACE MILLING CUTTER







夹紧螺丝 Screw	旗型扳手 Wrench	刀片 Insert	切刃长度 APMX
M3.0h0.4*6.5*D4.0*T8	T8	LOGU030310ER	1

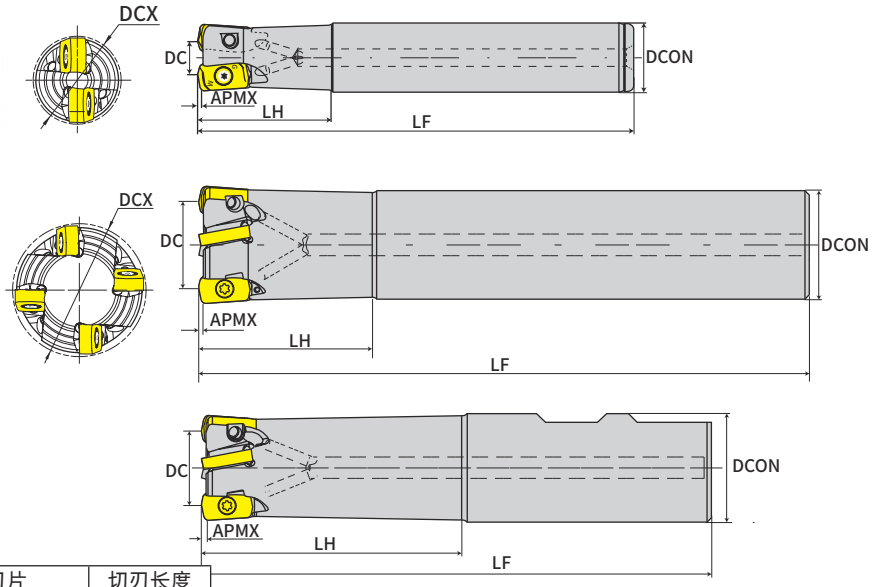
规格 / 型号 Model	刃数 CICT	切削直径 DC	最大切削直径 DCX	标准全长 LF	安装孔径 DCON	接触面直径 DCSFMS	键槽宽度 KWW	键槽深度 KDP	安装孔深度 CBDP	安装螺孔 DCCB1	安装螺孔 DCCB2	冷却孔	重量 KGS
MFH040R-03-5T-M	5	32	40	40	16	38	8.4	5.6	19	15	9	有	0.2
MFH040R-03-6T-M	6	32	40	40	16	38	8.4	5.6	19	15	9	有	0.2
MFH050R-03-8T-M	8	42	50	50	22	47	10.4	6.3	21	19	11	有	0.5

MFH - 040R - 03 - 5T - M

- 刃 数 No.of flutes
- 刀片型号 Insert
- 柄部直径 Shank diameter
- 切削直径 Cutting diameter
- 功能代号 Function code

MFH 快进给铣刀杆 MFH FAST FEED END MILL





夹紧螺丝 Screw	旗型扳手 Wrench	刀片 Insert	切刃长度 APMX
M3.0h0.4*6.5*D4.0*T8	T8	LOGU030310ER	1

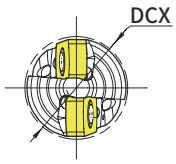
规格 / 型号 Model		刃数 CICT	最大切削直径 DCX	切削直径 DC	标准全长 LF	柄部直径 DCON	刀头长度 LH	冷却孔	图示 FIG	重量 KGS
标准刀杆	MFH16-S16-03-2T	2	16	8	100	16	30	有	1	0.1
	MFH20-S20-03-3T	3	20	12	130	20	50	有	1	0.3
	MFH20-S20-03-4T	4	20	12	130	20	50	有	1	0.3
	MFH25-S25-03-4T	4	25	17	140	25	60	有	1	0.5
	MFH25-S25-03-5T	5	25	17	140	25	60	有	1	0.5
	MFH32-S32-03-5T	5	32	24	150	32	70	有	1	0.8
	MFH32-S32-03-6T	6	32	24	150	32	70	有	1	0.8
加大尺寸刀杆	MFH17-S16-03-2T	2	17	9	100	16	20	有	2	0.1
	MFH18-S16-03-2T	2	18	10	100	16	20	有	2	0.1
	MFH22-S20-03-3T	3	22	14	130	20	30	有	2	0.3
	MFH22-S20-03-4T	4	22	14	130	20	30	有	2	0.3
	MFH28-S25-03-4T	4	28	20	140	25	40	有	2	0.5
	MFH28-S25-03-5T	5	28	20	140	25	40	有	2	0.5
侧固式刀杆	MFH16-W16-03-2T	2	16	8	79	16	30	有	3	0.1
	MFH20-W20-03-3T	3	20	12	101	20	50	有	3	0.2
	MFH20-W20-03-4T	4	20	12	101	20	50	有	3	0.2
	MFH25-W25-03-4T	4	25	17	117	25	60	有	3	0.4
	MFH25-W25-03-5T	5	25	17	117	25	60	有	3	0.4
	MFH32-W32-03-5T	5	32	24	131	32	70	有	3	0.7
	MFH32-W32-03-6T	6	32	24	131	32	70	有	3	0.7
长柄型刀杆	MFH16S16-03-2T-150	2	16	8	150	16	50	有	1	0.2
	MFH20S20-03-3T-160	3	20	12	160	20	80	有	1	0.3
	MFH25S25-03-4T-180	4	25	17	180	25	100	有	1	0.6
	MFH32S32-03-5T-200	5	32	24	200	32	120	有	1	1.1

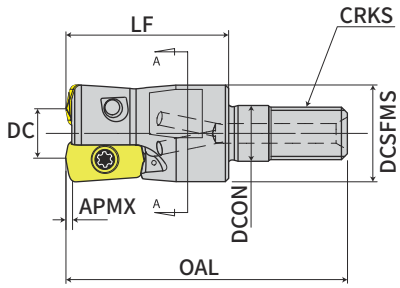
MFH - 16 - S16 - 03 - 2T

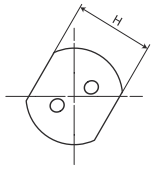
- 2T → 刃 数 No.of flutes
- 03 → 刀片型号 Insert
- S16 → 柄部直径 Shank diameter
- 16 → 切削直径 Cutting diameter
- MFH → 功能代号 Function code

MFH 锁牙刀头 MFH LOCKING TOOTH TYPE CUTTER HEAD









A-A断面

夹紧螺丝 Screw	旗型扳手 Wrench	刀片 Insert	切刃长度 APMX
M3.0h0.4*6.5*D4.0*T8	T8	LOGU030310ER	1

规格 / 型号 Model	刃数 CICT	切削直径 DC	最大切削直径 DCX	接触面直径 DCMSFS	安装孔径 DCON	标准全长 LF	锁紧螺纹 CRKS	扳手扁位 H	前角 A.R.	冷却孔	重量 KGS
MFH16-M08-03-2T	2	8	16	14.7	8.5	25	M8*1.25P	12	-10°	有	
MFH17-M08-03-2T	2	9	17	14.7	8.5	25	M8*1.25P	12	-10°	有	
MFH18-M08-03-2T	2	10	18	14.7	8.5	25	M8*1.25P	12	-10°	有	
MFH20-M10-03-3T	3	12	20	18.7	10.5	30	M10*1.5P	15	-10°	有	
MFH20-M10-03-4T	4	12	20	18.7	10.5	30	M10*1.5P	15	-10°	有	
MFH22-M10-03-3T	3	14	22	18.7	10.5	30	M10*1.5P	15	-10°	有	
MFH22-M10-03-4T	4	14	22	18.7	10.5	30	M10*1.5P	15	-10°	有	
MFH25-M12-03-4T	4	17	25	23	12.5	35	M12*1.75P	19	-10°	有	
MFH25-M12-03-5T	5	17	25	23	12.5	35	M12*1.75P	19	-10°	有	
MFH28-M12-03-4T	4	20	28	23	12.5	35	M12*1.75P	19	-10°	有	
MFH28-M12-03-5T	5	20	28	23	12.5	35	M12*1.75P	19	-10°	有	
MFH32-M16-03-5T	5	24	32	30	17	40	M16*2.0P	24	-10°	有	
MFH32-M16-03-6T	6	24	32	30	17	40	M16*2.0P	24	-10°	有	

MFH - 16 - M08 - 03 - 2T

- 2T → 刃 数 No.of flutes
- 03 → 刀片型号 Insert
- M08 → 柄部直径 Shank diameter
- 16 → 切削直径 Cutting diameter
- MFH → 功能代号 Function code

AP粗切削玉米铣刀

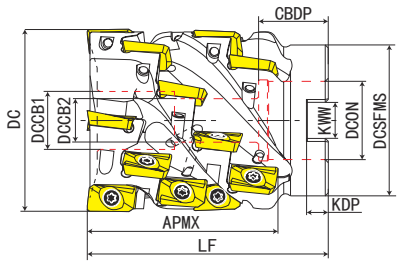
独特的切削刃和断屑槽的曲线设计保证完美的90° 加工和低切削阻力。

多功能刀具设计可应用于多种用途（面铣、槽铣、方肩铣等），切削刃强度高和切削阻力小确保在大切深加工时具有良好的加工性能。



AP 套式粗切削玉米铣刀 AP SHELL TYPE ROUGH CUTTING END MILLS





螺丝 Screw	旗型扳手 Wrench	刀片 Insert
M4.0*10	T15	APMT1604

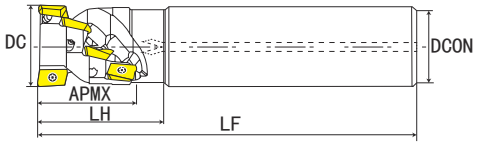
规格 / 型号 Model	刃数 CICT	切削直径 DC	标准全长 LF	安装孔径 DCON	切刃长度 APMX	接触面直径 DCSFMS	键槽宽度 KWW	键槽深度 KDP	安装孔深度 CBDP	安装螺孔 DCCB1	安装螺孔 DCCB2	冷却孔	重量 KGS
AP16-D50-B22-50M-3R-12T	3R-12T	50	75	22	50	46.5	10.4	6.3	20	18	11	有	
AP16-D63-A25.4-63M-4R-20T	4R-20T	63	83	25.4	63	52	9.5	6	26	20	13	有	
AP16-D63-B27-63M-4R-20T	4R-20T	63	83	27	63	52	12.4	7	23	20	13	有	
AP16-D80-A31.75-52M-6R-24T	6R-24T	80	80	31.75	52	60	12.7	8	32	23	17	有	
AP16-D80-A31.75-75M-6R-36T	6R-36T	80	105	31.75	75	60	12.7	8	32	23	17	有	
AP16-D80-A31.75-120M-6R-60T	6R-60T	80	155	31.75	120	60	12.7	8	32	23	17	有	
AP16-D80-B32-52M-6R-24T	6R-24T	80	80	32	52	60	14.4	8	28	26	18	有	
AP16-D80-B32-75M-6R-36T	6R-36T	80	105	32	75	60	14.4	8	30	26	18	有	
AP16-D80-B32-120M-6R-60T	6R-60T	80	155	32	120	60	14.4	8	30	26	18	有	
AP16-D100-A38.1-120M-7R-70T	7R-70T	100	155	38.1	120	70	15.9	10	45	25	17	有	
AP16-D100-B40-120M-7R-70T	7R-70T	100	155	40	120	70	16.4	9	35	35	20.5	有	

AP16 - D50 - B22 - 50M - 3R - 12T

- 12T → 刀片数量 Blade Number
- 3R → 刃数 No.of flutes
- 50M → 切刃长度 Cutting length
- B22 → 安装孔径 Inner diameter
- D50 → 切削直径 Cutting diameter
- AP16 → 功能代号 Function code

AP 直柄粗切削玉米铣刀 AP ROUGHING CUT CORN MILLING CUTTER





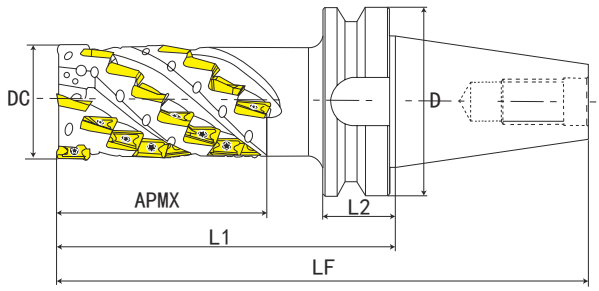
规格 / 型号 Model	刃数 CICT	切削直径 DC	标准全长 LF	柄部直径 DCON	刀头长度 LH	切刃长度 APMX	夹紧螺丝 Screw	扳手 Wrench	刀片 Insert	冷却孔	重量 KGS
AP11-D20-C20-25M-2R-6T	2R-6T	20	130	20	35	25	M4.0*10	T15	APMT1135	有	
AP11-D25-C25-35M-2R-8T	2R-8T	25	130	25	45	35	M4.0*10	T15	APMT1135	有	
AP11-D32-C32-40M-3R-15T	3R-15T	32	140	32	55	40	M4.0*10	T15	APMT1135	有	
AP11-D32-C32-40M-3R-15T-200LF	3R-15T	32	200	32	55	40	M4.0*10	T15	APMT1135	有	
AP11-D40-C42-53M-3R-21T	3R-21T	40	150	42	65	53	M4.0*10	T15	APMT1135	有	
AP16-D32-C32-49M-2R-8T	2R-8T	32	135	32	63	49	M4.0*10	T15	APMT1604	有	
AP16-D40-C42-49M-3R-12T	3R-12T	40	150	42	65	49	M4.0*10	T15	APMT1604	有	
AP16-D40-C32-49M-3R-12T	3R-12T	40	150	32	65	49	M4.0*10	T15	APMT1604	有	
AP16-D50-C42-61M-3R-15T	3R-15T	50	165	42	75	61	M4.0*10	T15	APMT1604	有	
AP16-D50-C50.8-110M-3R-27T-220LF	3R-27T	50	220	50.8	135	110	M4.0*10	T15	APMT1604	有	
AP16-D50-C50.8-110M-3R-27T-275LF	3R-27T	50	275	50.8	190	110	M4.0*10	T15	APMT1604	有	
AP16-D50-C50.8-110M-3R-27T-300LF	3R-27T	50	300	50.8	215	110	M4.0*10	T15	APMT1604	有	
AP16-D50-C50.8-160M-3R-39T-275LF	3R39-T	50	275	50.8	190	160	M4.0*10	T15	APMT1604	有	
AP16-D50-C50.8-200M-3R-51T-300LF	3R-51T	50	300	50.8	215	200	M4.0*10	T15	APMT1604	有	

AP11 - D32 - C32 - 40M - 3R - 15T - 200LF

- 全长 Overall length
- 刀片数量 Blade Number
- 刃数 No.of flutes
- 切刃长度 Cutting length
- 柄部直径 Shank diameter
- 切削直径 Cutting diameter
- 功能代号 Function code

SBT-AP 整体粗切削玉米铣刀 SBT-AP CORN STALK CUTTER ROUGH CUT





螺丝 Screw	旗型扳手 Wrench	刀片 Insert
M4.0*10	T15	APMT1604

规格 / 型号 Model	柄部型号 BT.NO	刃数 CICT	切削直径 DC	标准全长 LF	L1	L2	D	切刃长度 APMX	冷却孔	重量 KGS
SBT40-D40-49M-3R-12T-AP16	SBT40	3R-12T	40	170.4	105	27	63	49	有	
SBT40-D40-61M-3R-15T-AP16	SBT40	3R-15T	40	185.4	120	27	63	61	有	
SBT40-D50-61M-3R-15T-AP16	SBT40	3R-15T	50	185.4	120	27	63	61	有	
SBT40-D50-110M-3R-27T-AP16	SBT40	3R-27T	50	235.4	170	27	63	110	有	
SBT40-D63-63M-4R-20T-AP16	SBT40	4R-20T	63	185.4	120	27	63	63	有	
SBT40-D63-110M	SBT40	R-T	63	235.4	170	27	63	110	有	
SBT50-D40-49M-3R-12T-AP16	SBT50	3R-12T	40	231.8	130	38	100	49	有	
SBT50-D40-61M-3R-15T-AP16	SBT50	3R-15T	40	241.8	140	38	100	61	有	
SBT50-D50-61M-3R-15T-AP16	SBT50	3R-15T	50	241.8	140	38	100	61	有	
SBT50-D50-110M-3R-27T-AP16	SBT50	3R-27T	50	291.8	190	38	100	110	有	
SBT50-D50-160M-3R-39T-AP16	SBT50	3R-39T	50	341.8	240	38	100	160	有	
SBT50-D50-200M-3R-51T-AP16	SBT50	3R-51T	50	381.8	280	38	100	200	有	
SBT50-D63-63M-4R-20T-AP16	SBT50	4R-20T	63	241.8	140	38	100	63	有	
SBT50-D63-110M	SBT50	R-T	63	291.8	190	38	100	110	有	
SBT50-D63-160M	SBT50	R-T	63	341.8	240	38	100	160	有	
SBT50-D63-200M	SBT50	R-T	63	381.8	280	38	100	200	有	
SBT50-D80-75M-6R-36T-AP16	SBT50	6R-36T	80	256.8	155	38	100	75	有	
SBT50-D80-120M-6R-60T-AP16	SBT50	6R-60T	80	301.8	200	38	100	120	有	
SBT50-D80-160M	SBT50	R-T	80	341.8	240	38	100	160	有	
SBT50-D80-200M	SBT50	R-T	80	381.8	280	38	100	200	有	
SBT50-D100-120M-7R-70T-AP16	SBT50	7R-70T	100	301.8	200	38	100	120	有	
SBT50-D100-160M	SBT50	R-T	100	341.8	240	38	100	160	有	
SBT50-D100-200M	SBT50	R-T	100	381.8	280	38	100	200	有	

SBT40 - D40 - 49M - 3R - 2T - AP16

- AP16 → 刀片代号 Specification
- 2T → 刀片数量 Blade Number
- 3R → 刃数 No.of flutes
- 49M → 切刃长度 Cutting length
- D40 → 切削直径 Cutting diameter
- SBT40 → 功能代号 Function code

铣刀盘系列
FACE MILLING CUTTERS



铣刀盘系列
FACE MILLING CUTTERS

壳形铣刀 FACE MILL

AHUB	15	63	22	5T
BAP	400R	50	22	4T

类型	刀片规格代号	刃径	安装孔径	刃数
Type	Insert specification code	Flute diameter	Inner diameter	No. of flutes

立铣刀 END MILL

AHU	10	16 × 160	
BAP	300R	13 × 120	C12

类型	刀片规格代号	刃径	总长	柄径	刃径 = 柄径，柄径省去
Type	Insert specification code	Flute diameter	Overall length	Shank diameter	Flute-Dia=Shank-Dia, shank-Dia ignore

T217.69	08	06	06A
类型 Type	柄径 Shank diameter	刃径 Flute diameter	刀片规格代号 Insert specification code

T239	4R ×	110	C10
类型 Type	刀片规格代号 Insert specification code	总长 Overall length	柄径 Shank diameter

特点：

◎采用抗震性工具钢材质

◎整体预硬后，再行精修，避免二次加工产生变形

Features:

◎ Use antiknock tool steel.

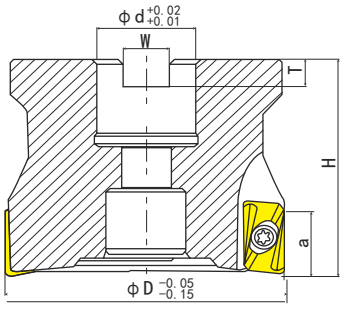
◎ Overall pre-hard first,then fine processing,avoid transformation when proceed twice.

可转位铣刀盘系列 FACE MILLING CUTTERS

BAP/TAP-90° 直角台肩壳形铣刀盘

BAP/TAP-90° RIGHT ANGLE SHOULDER FACE MILL CUTTERS





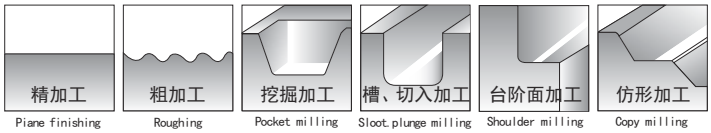
◎节能提示：请保留您的报废刀片 RAP 壳形铣刀还能使用

◎ Energy saving: please keep your scrap inserts RAP-75° ,shell-shaped milling cutter can be used.


P.F87


P.J30


P.J32

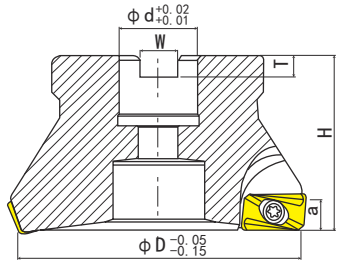


规格 / 型号 Model	尺寸 Size(mm)							刀片 Insert	螺钉 Screw	扳手 Wrench
	D	d	H	W	T	a	重量 KGS			
BAP300R-40-16-4T	40	16	40	8.4	6.3	9	0.35	APMT1135PDER	M2.5*6	T8
BAP300R-50-22-4T	50	22	50	10.4	6.3	9	0.4	APMT1135PDER	M2.5*6	T8
BAP300R-63-22-5T	63	22	50	10.4	6.3	9	0.65	APMT1135PDER	M2.5*6	T8
BAP400R-50-22-4T	50	22	50	10.4	6.3	14	0.4	APMT1604PDER	M4.0*9	T15
BAP400R-50-25.4-4T	50	25.4	50	10	6	14	0.4	APMT1604PDER	M4.0*9	T15
BAP400R-63-22-4T	63	22	50	10.4	6.3	14	0.65	APMT1604PDER	M4.0*9	T15
BAP400R-63-22-5T	63	22	50	10.4	6.3	14	0.65	APMT1604PDER	M4.0*9	T15
BAP400R-63-25.4-4T	63	25.4	50	10	6	14	0.65	APMT1604PDER	M4.0*9	T15
BAP400R-80-25.4-5T	80	25.4	50	10	6	14	1	APMT1604PDER	M4.0*9	T15
BAP400R-80-27-5T 反齿	80	27	50	12.4	7	14	1	APMT1604PDER	M4.0*9	T15
BAP400R-80-27-5T	80	27	50	12.4	7	14	1	APMT1604PDER	M4.0*9	T15
BAP400R-80-27-6T	80	27	50	12.4	7	14	1	APMT1604PDER	M4.0*9	T15
BAP400R-80-27-6T	80	27	50	12.4	7	14	1	APMT1604PDER	M4.0*9	T15
BAP400R-100-32-6T	100	32	50	14.4	8	14	1.25	APMT1604PDER	M4.0*9	T15
BAP400R-100-31.75-6T	100	31.75	50	13	8	14	1.25	APMT1604PDER	M4.0*9	T15
BAP400R-125-40-6T	125	40	63	16.4	9	14	3.1	APMT1604PDER	M4.0*9	T15
BAP400R-125-38.1-7T	125	38.1	63	16.4	10	14	3.1	APMT1604PDER	M4.0*9	T15
BAP400R-160-40-8T	160	40	63	16.4	9	14	5.1	APMT1604PDER	M4.0*9	T15
BAP400R-200-60-10T	200	60	63	25.7	14	14	6.78	APMT1604PDER	M4.0*9	T15
BAP400R-250-60-12T	250	60	63	25.7	14	14	10.5	APMT1604PDER	M4.0*9	T15

规格 / 型号 Model	F7030	F620	VP15TF	UP20M	NX2525	NX4545	UT120T	HTI10	NCM325	PC3545	PC3530	PC6510	PD2000	H01	H101	H102	KC25	PP30	PC35	刀片形状 Insert shape	尺寸 Size(mm) L1	L2	S1	F1	Re	
APMT1135PDER-H1	●	●	●★	●	●	●	●	●													11	6.35	3.5	1.5	0.4	MITSUBISHI(三菱)
APMT1135PDER-H2	●	●	●★	●	●	●	●	●													11	6.35	3.5	1.2	0.8	
APMT1135PDER-H3	●	●		●			●														11	6.35	3.5	0.8	1.2	
APMT1135PDER-H4	●	●		●			●														11	6.35	3.5	0.4	1.6	
APMT1135PDER-H6	●	●		●			●														11	6.35	3.5	0.4	2.4	
APMT1135PDER-MO	●																				11	6.35	3.5	1.8	0.2	
APMT1135PDER-M1	●																				11	6.35	3.5	1.5	0.4	
APMT1135PDER-M2	●	●	●★			●															11	6.35	3.5	1.2	0.8	
APGT1135PFER-G2								●													11	6.35	3.5	1.2	0.8	
APMT1604PDER-H1	●		●				●														16.5	9.525	4.76	1.7	0.4	
APMT1604PDER-H2	●	●	●★	●	●	●★	●	●													16.5	9.525	4.76	1.7	0.8	
APMT1604PDER-H4	●						●														16.5	9.525	4.76	1.7	1.6	
APMT1604PDER-H6	●						●														16.5	9.525	4.76	1.7	2.4	
APMT1604PDER-H8	●						●														16.5	9.525	4.76	1.7	3.2	
APGT1604PFER-M2	●	●	●★			●															16.5	9.525	4.76	1.7	0.8	
APMT1604PDER-G2	●							●													16.5	9.525	4.76	1.7	0.8	
APKT1604PDSR									●	●	●	●	●								16.4	9.525	4.76	-	0.8	KOPLOY 刀片
APKT1604PDFR-MA														●	●						16.4	9.525	4.76	-	0.8	

RAP-75° 壳形铣刀盘 RAP-75° FACE MILL CUTTERS



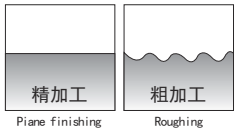


◎节能提示：使用 BAP300R/400R 系列的报废刀片“O”刀具损耗


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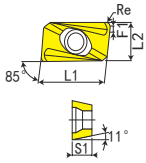

P.J30


P.J32



规格 / 型号 Model	尺寸 Size(mm)						重量 KGS	刀片 Insert	螺钉 Screw	扳手 Wrench
	D	d	H	W	T	a				
RAP300R-50-22-4T	50	22	50	10.4	6.3	5	0.4	APMT1135PDER	M2.5*6	T8
RAP300R-63-22-4T	63	22	50	10.4	6.3	5	0.65	APMT1135PDER	M2.5*6	T8
RAP300R-80-27-5T	80	27	50	12.4	7	5	1	APMT1135PDER	M2.5*6	T8
RAP300R-100-32-5T	100	32	50	14.4	8	5	1.25	APMT1135PDER	M2.5*6	T8
RAP300R-125-40-6T	125	40	50	16.4	9	5	3.1	APMT1135PDER	M2.5*6	T8
RAP300R-50-22-4T	80	27	50	12.4	7	5	0.4	APMT1135PDER	M2.5*6	T8
RAP400R-50-22-4T	50	22	50	10.4	6.3	8	0.4	APMT1604PDER	M4.0*9	T15
RAP400R-50-25.4-4T	50	25.4	50	10	6	8	0.4	APMT1604PDER	M4.0*9	T15
RAP400R-63-22-4T	63	22	50	10.4	6.3	8	0.65	APMT1604PDER	M4.0*9	T15
RAP400R-63-25.4-4T	63	25.4	50	10	6	8	0.65	APMT1604PDER	M4.0*9	T15
RAP400R-63-25.4-5T	63	25.4	50	10	6	8	0.65	APMT1604PDER	M4.0*9	T15
RAP400R-80-27-5T	80	27	50	12.4	7	8	1	APMT1604PDER	M4.0*9	T15
RAP400R-80-25.4-5T	80	25.4	50	10	6	8	1	APMT1604PDER	M4.0*9	T15
RAP400R-100-32-6T	100	32	50	14.4	8	8	1.25	APMT1604PDER	M4.0*9	T15
RAP400R-100-31.75-6T	100	31.75	50	13	8	8	1.25	APMT1604PDER	M4.0*9	T15
RAP400R-125-40-6T	125	40	60	16.4	9	8	3.1	APMT1604PDER	M4.0*9	T15
RAP400R-160-40-7T	160	40	60	16.4	9	8	5.1	APMT1604PDER	M4.0*9	T15
RAP400R-200-60-9T	200	60	60	25.7	14	8	6.7	APMT1604PDER	M4.0*9	T15
RAP400R-250-60-10T	250	60	60	25.7	14	8	10.5	APMT1604PDER	M4.0*9	T15
RAP400R-315-60-14T	315	60	60	25.7	14	8	-	APMT1604PDER	M4.0*9	T15
RAP400R-350-60-	350	60	60	25.7	14	8	-	APMT1604PDER	M4.0*9	T15
RAP400R-400-60-	400	60	60	25.7	14	8	-	APMT1604PDER	M4.0*9	T15

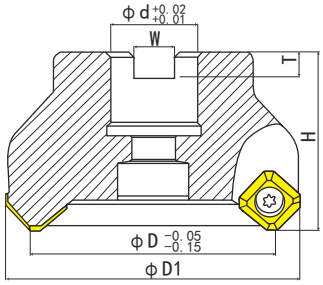
可配用刀片 INSERTS

规格 / 型号 Model	F7030	F620	VP15TF	UP20M	NX2525	NX4545	UT120T	HTI10	NCM325	PC3545	PC3530	PC6510	PD2000	H01	H101	H102	KC25	PP30	PC35	刀片形状 Insert shape	尺寸 Size(mm)					
																					L1	L2	S1	F1	Re	
APMT1135PDER-H1	●	●	●★	●	●	●	●	●													11	6.35	3.5	1.5	0.4	MITSUBISHI(三菱)
APMT1135PDER-H2	●	●	●★	●	●	●	●	●													11	6.35	3.5	1.2	0.8	
APMT1135PDER-H3	●	●		●			●														11	6.35	3.5	0.8	1.2	
APMT1135PDER-H4	●	●		●			●														11	6.35	3.5	0.4	1.6	
APMT1135PDER-H6	●	●		●			●														11	6.35	3.5	0.4	2.4	
APMT1135PDER-MO	●																				11	6.35	3.5	1.8	0.2	
APMT1135PDER-M1	●																				11	6.35	3.5	1.5	0.4	
APMT1135PDER-M2	●	●	●★			●															11	6.35	3.5	1.2	0.8	
APGT1135PFER-G2								●													11	6.35	3.5	1.2	0.8	
APMT1604PDER-H1	●		●				●														16.5	9.525	4.76	1.7	0.4	
APMT1604PDER-H2	●	●	●★	●	●	●★	●	●													16.5	9.525	4.76	1.7	0.8	
APMT1604PDER-H4	●						●														16.5	9.525	4.76	1.7	1.6	
APMT1604PDER-H6	●						●														16.5	9.525	4.76	1.7	2.4	
APMT1604PDER-H8	●						●														16.5	9.525	4.76	1.7	3.2	
APGT1604PFER-M2	●	●	●★			●															16.5	9.525	4.76	1.7	0.8	
APMT1604PDER-G2	●							●													16.5	9.525	4.76	1.7	0.8	
APKT1604PDSR									●	●	●	●	●								16.4	9.525	4.76	-	0.8	KOPLOY 刀片
APKT1604PDFR-MA														●	●						16.4	9.525	4.76	-	0.8	

可转位铣刀盘系列 FACE MILLING CUTTERS

KM-45°壳形铣刀盘 KM-45° FACE MILL CUTTERS





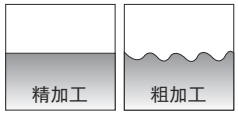
◎配有钢件、铸件、铝件、多种材质刀片

◎ Match blade with difference material,such as steel,Casting and Aluminum


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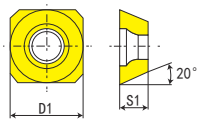

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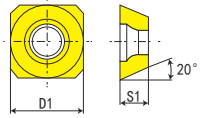


Piane finishing Roughing

规格 / 型号 Model	尺寸 Size(mm)						重量 KGS	刀片 Insert	螺钉 Screw	扳手 Wrench
	D	D1	d	H	W	T				
KM12-50-22-4T	50	64	22	50	10.4	6.3	0.5	SEHT1204	M5*11	T20
KM12-50-25.4-4T	50	64	25.4	50	10	6	0.5			
KM12-50-22-4T 反齿	50	64	22	50	10.4	6.3	0.5			
KM12-63-22-4T	63	77	22	50	10.4	6.3	0.75			
KM12-63-25.4-4T	63	77	25.4	50	10	6	0.75			
KM12-80-27-5T	80	94	25.4	50	10	6	1.2			
KM12-80-27-5T 反齿	80	94	27	50	12.4	7	1.2			
KM12-100-32-5T	100	114	32	50	14.4	8	1.8			
KM12-100-31.75-5T	100	114	31.75	50	13	8	1.8			
KM12-125-40-6T	125	139	40	63	16.4	9	3.8			
KM12-125-38.1-6T	125	139	38.1	63	16.2	10	3.8			
KM12-160-40-7T	160	174	40	63	16.4	9	5.2			
KM12-160-38.1-7T	160	174	38.1	63	16.2	10	5.2			
KM12-200-60-10T	200	214	60	63	25.7	14	6.8			
KM12-200-38.1-10T	200	214	38.1	63	16.2	9	6.8			
KM12-250-60-12T	250	264	60	63	25.7	14	10.5			
KM12-300-60-14T	300	314	60	63	25.7	14	-			
KM12-315-60-14T	315	329	60	63	25.7	14	-			
KM12-350-60-	350	364	60	63	25.7	14	-			
KM12-400-60-	400	414	60	63	25.7	14	-			

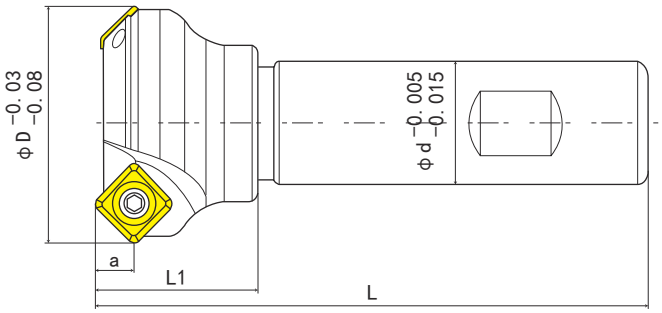
可配用刀片 INSERTS

规格 / 型号 Model	WAP25	WAP35	WTP35	WXP45	WPM	WXM35	WAK15	WAK25	WKM	WK10	NCM325	PC3535	PC9350	PC6510	PC230	CN30	H01	刀片形状 Insert shape	尺寸 Size(mm) D1	S1	排屑槽	
SEHT 1204AFN		●	●	●		●				●									12.7	4.76	有	WALTER（瓦尔特）
1204AFN-K88										●									12.7	4.76	有	
SEHW 1204AFN	●	●	●		●	●	●	●	●										12.7	4.76	无	
SECA 1204AFSN											●	●							12.7	4.76	无	KORLOY（刀片）
1204AFTN													●		●	●			12.7	4.76	无	
1204AFFN														●					12.7	4.76	无	
1204AFEN											●								12.7	4.76	无	
SEHT 1204AFFN-M																	●		12.7	4.76	无	

规格 / 型号 Model	H101	H102	KC25	PP30	PC35	PTE25	PFZ	MP91M	PMG	GH1	SK10	刀片形状 Insert shape	尺寸 Size(mm) D1	S1	排屑槽	
SEET 1204AFSN-M01						●							12.7	4.76	有	STELLRAM（使特龙）
1204AFFN-F01									●				12.7	4.76	有	
SEHT 1204AF4B							●	●					12.7	4.76	有	
1204AFFN										●			12.7	4.76	有	
SEHW 1204AFN											●		12.7	4.76	无	

KM 立铣刀 KM END MILL



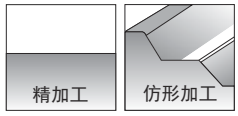


◎采用抗震性工具钢材质
◎整体预硬后，再行精修，避免二次加工产生变形

◎ Use antiknock tool steel.
◎ Overall pre-hard first,then fine processing,avoid transformation when proceed twice.

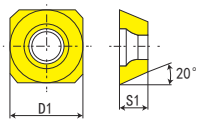

P.J30

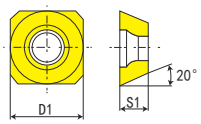

P.J32



规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)					刀片 Insert	螺钉 Screw	扳手 Wrench
		D	d	L	L1	a			
KM09-25*120-C20	4	25	20	120	-	4.5	SEEX09T3	A30070E M3*7	T8F T8
KM09-25*120-C25	4	25	25	120	32	4.5			
KM09-32*120-C25	4	32	25	120	-	4.5			
KM09-32*120-C32	4	32	32	120	32	4.5			
KMO12-32*120-C20	3	32	20	120	-	6	SEHT1204	A50110D M5*11	T20F T20
KMO12-32*120-C25	3	32	25	120	-	6			
KMO12-40*120-C20	3	40	20	120	-	6			
KMO12-40*120-C25	3	40	25	120	-	6			
KMO12-40*120-C32	3	40	32	120	-	6			
KM12-50*120-C20	3	50	20	120	-	6			
KM12-50*120-C25	3	50	25	120	35	6			
KM12-50*120-C32	3	50	32	120	35	6			
KM12-63*120-C20	3	63	20	120	-	6			
KMO12-63*120-C25	3	63	25	120	35	6			
KMO12-63*120-C32	3	63	32	120	35	6			

可配用刀片 INSERTS

规格 / 型号 Model	WAP25	WAP35	WTP35	WXP45	WPM	WXM35	WAK15	WAK25	WKM	WK10	NCM325	PC3535	PC9350	PC6510	PC230	CN30	H01	刀片形状 Insert shape	尺寸 Size(mm) D1	S1	排屑槽	
SEHT 1204AFN		●	●	●		●				●									12.7	4.76	有	WALTER（瓦尔特）
1204AFN-K88										●									12.7	4.76	有	
SEHW 1204AFN	●	●	●		●	●	●	●	●										12.7	4.76	无	
SECA 1204AFSN											●	●							12.7	4.76	无	KORLOY（刀片）
1204AFTN													●		●	●			12.7	4.76	无	
1204AFFN														●					12.7	4.76	无	
1204AFEN											●								12.7	4.76	无	
SEHT 1204AFFN-M																	●		12.7	4.76	无	

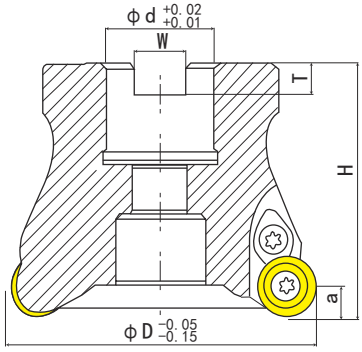
规格 / 型号 Model	PTE25	PFZ	MP91M	PMG	GH1	SK10	刀片形状 Insert shape	尺寸 Size(mm) D1	S1	排屑槽	
SEET 1204AFSN-M01	●							12.7	4.76	有	STELLRAM（使特龙）
1204AFFN-F01				●				12.7	4.76	有	
SEET 1204AF4B		●	●					12.7	4.76	有	
1204FFN					●			12.7	4.76	有	
SEHW 1204AFN						●		12.7	4.76	无	

可转位铣刀盘系列 FACE MILLING CUTTERS

EMR/EMRW 5R 通用型圆鼻壳形铣刀盘

EMR/EMRW 5R ROUND DOWEL FACE MILL CUTTERS

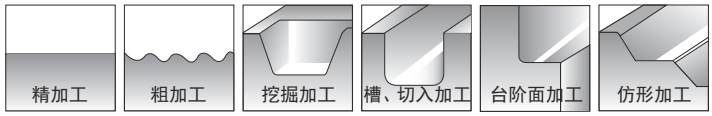





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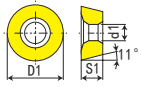


规格 / 型号 Model	尺寸 Size(mm)						重量 KGS	刀片 Insert	压板 Clamp	螺钉 screw	扳手 Wrench
	D	d	H	W	T	a					
EMR-5R-40-16-4T	40	16	42	8.5	5	5	0.3	RPMW1003 MO	A-5R	A4100J A35100F M4*10 N3.5*10	T15F T15
EMR-5R-40-22-4T	40	22	42	10.4	6.3	5	0.3				
EMR-5R-50-22-4T	50	22	50	10.4	6.3	5	0.35				
EMR-5R-63-22-4T	63	22	50	10.4	6.3	5	0.55				
EMR-5R-63-22-5T	63	22	50	10.4	6.3	5	0.55				
EMR-5R-63-25.4-4T	63	25.4	50	10	6	5	0.55				
EMR-5R-80-27-5T	80	27	50	12.4	7	5	0.9				
EMR-5R-80-27-6T	80	27	50	12.4	7	5	0.9				
EMR-5R-80-25.4-6T	80	25.4	50	10	6	5	0.9				
EMR-5R-100-32-6T	100	32	50	14.4	7	5	1.2				
EMR-5R-100-31.75-6T	100	31.75	50	13	8	5	1.2				
EMR-5R-125-40-6T	125	40	63	16.4	9	5	3.2				
EMR-5R-160-40-8T	160	40	63	16.4	9	5	5.2				
EMR-5R-200-60-10T	200	60	63	25.7	14	5	6.8				
EMR-5R-250-60-12T	250	60	63	25.7	14	5	10.5				

◎注：可做到 φ300, 接受非标定制

◎ Notice:can make φ300,nonstandard as custom order

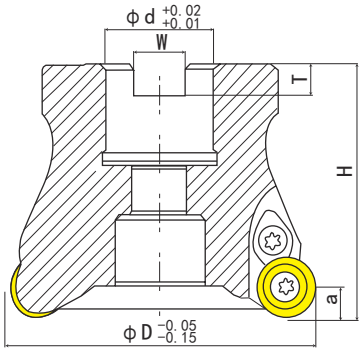
可配用刀片 INSERTS

规格 / 型号 Model	UP20M	NX2525	UT120T	F7030	VP15TF	SH8020	SH8250	JC3535	NIT	NAT	UMS	DX25	KT9	H101	H102	KC25	PP30	PC35	刀片形状 Insert shape	尺寸 Size(mm) D1	S1	排屑槽	
RPMW1003MO	●	●	●																	10	3.18	无	MITSUBISHI (三菱)
RPMW1003MOEN						●★	●★													10	3.18	无	HITACHI (日立)
RPMW1003MOEN								●	●	●	●	●	●							10	3.18	无	DIJET (黛杰)

EMR/EMRW 6R 通用型圆鼻壳形铣刀盘

EMR/EMRW 6R ROUND DOWEL FACE MILL CUTTERS

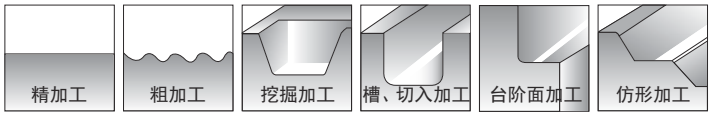





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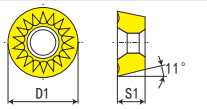
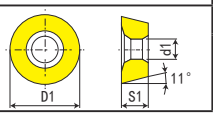


规格 / 型号 Model	尺寸 Size(mm)						重量 KGS	刀片 Insert	压板 Clamp	螺钉 screw	扳手 Wrench
	D	d	H	W	T	a					
EMR-6R-40-16-3T	40	16	42	8.5	5	6	0.3	RPMT1204 MO	A-6R	A40100J M4*10	T15F T15
EMR-6R-50-22-4T	50	22	50	10.4	6.3	6	0.35				
EMR-6R-50-25.4-4T	50	25.4	50	10	6	6	0.35				
EMR-6R-63-22-4T	63	22	50	10.4	6.3	6	0.55				
EMR-6R-63-22-5T	63	22	50	10.4	6.3	6	0.55				
EMR-6R-63-25.4-4T	63	25.4	50	10	6	6	0.55				
EMR-6R-80-27-5T	80	27	50	12.4	7	6	0.85				
EMR-6R-80-27-6T	80	27	50	12.4	7	6	0.85				
EMR-6R-80-25.4-5T	80	25.4	50	10	6	6	0.85				
EMR-6R-80-25.4-6T	80	25.4	50	10	6	6	0.85				
EMR-6R-100-32-6T	100	32	50	14.4	8	6	1.2				
EMR-6R-100-31.75-6T	100	31.75	50	13	8	6	1.2				
EMR-6R-125-40-6T	125	40	63	16.4	9	6	3.2				
EMR-6R-160-40-8T	160	40	63	16.4	9	6	5.2				
EMR-6R-200-60-10T	200	60	63	25.7	14	6	6.8				
EMR-6R-250-60-12T	250	60	63	25.7	14	6	10.5				

◎注：可做到 φ300, 接受非标定制

◎ Notice:can make φ300,nonstandard as custom order

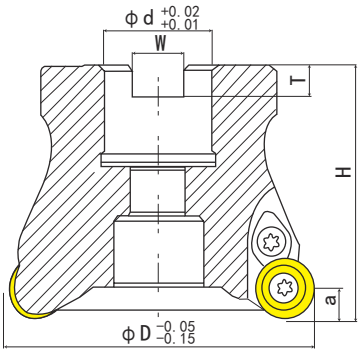
可配用刀片 INSERTS

规格 / 型号 Model	F7030	F620	VP15TF	NX4545	UT120T	TN100M	PR510	PR660	PP730	KW10	H101	H102	KC25	PP30	PC35	刀片形状 Insert shape	尺寸 Size(mm) D1	S1	排屑槽	
RPMT1204MOE-JS	●	●★	●★														12	4.76	有	MITSUBISHI (三菱)
RPMT1204MO							●	●	●	●							12	4.76	有	KYOCERA (京瓷)
1204MO-H						●	●	●	●	●							12	4.76	有	
RPMW1204MOE	●	●		●	●	●											12	4.76	无	MITSUBISHI (三菱)
1204MOT			●														12	4.76	无	

可转位铣刀盘系列 FACE MILLING CUTTERS

TRS 通用型圆鼻壳形铣刀盘 TRS ROUND DOWEL FACE MILL CUTTERS

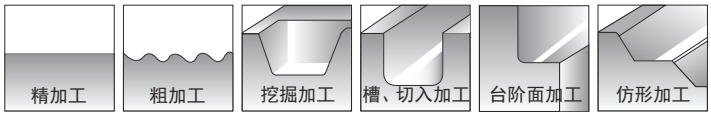




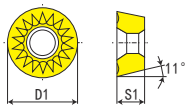

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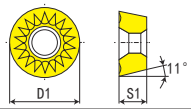
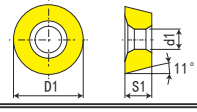

P.J30

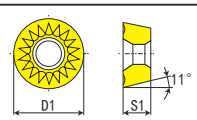

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规格 / 型号 Model	尺寸 Size(mm)							刀片 Insert	压板 Clamp	螺钉 Screw	扳手 Wrench
	D	d	H	W	T	a	重量 KGS				
TRS-5R-40-16-4T	40	16	42	8.5	5	5	0.3	RDMT10T3	Y-5R	A4100J A35100F M4*10 N3.5*10	T15F T15
TRS-5R-40-22-4T	40	22	42	10.4	6.3	5	0.3				
TRS-5R-50-22-4T	50	22	50	10.4	6.3	5	0.35				
TRS-5R-63-22-4T	63	22	50	10.4	6.3	5	0.55				
TRS-5R-63-22-5T	63	22	50	10.4	6.3	5	0.55				
TRS-5R-80-27-5T	80	27	50	12.4	7	5	0.85				
TRS-5R-80-27-6T	80	27	50	12.4	7	5	0.85				
TRS-5R-100-32-6T	100	32	50	14.4	8	5	1.25				
TRS-5R-125-40-6T	125	40	60	16.4	9	5	3.2				
TRS-5R-160-40-8T	160	40	60	16.4	9	5	5.2				
TRS-5R-200-60-10T	200	60	60	25.7	14	5	6.8				
TRS-5R-250-60-12T	250	60	60	25.4	14	5	10.5				
TRS-6R-50-22-4T	50	22	50	10.4	6.3	6	0.35	RDHW1204	Y-5R	M4.0*9	T15
TRS-6R-63-22-4T	63	22	50	10.4	6.3	6	0.55				
TRS-6R-80-27-6T	80	27	50	12.4	7	6	0.85				
TRS-6R-100-32-6T	100	32	50	14.4	8	6	1.25				
TRS-6R-125-40-6T	125	40	60	16.4	9	6	3.2				
TRS-6R-160-40-8T	160	40	60	16.4	9	6	5.2				
TRS-8R-63-22-4T	63	22	50	10.4	6.3	8	0.55	RDMT1604	Y-8R	M5.0*12	T20
TRS-8R-80-27-6T	80	27	50	12.4	7	8	0.85				
TRS-8R-100-32-6T	100	32	50	14.4	8	8	1.25				
TRS-8R-125-40-6T	125	40	60	16.4	9	8	3.2				

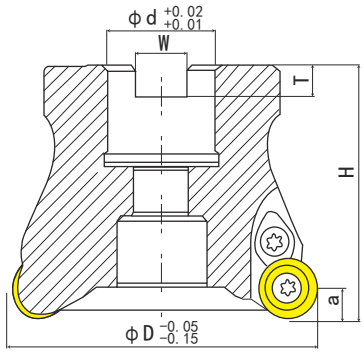
规格 / 型号 Model	UP20M	NX2525	UT120T	F7030	VP15TF	SH8020	SH8250	JC3535	NIT	NAT	UMS	DX25	KT9	H101	H102	KC25	PP30	PC35	刀片形状 Insert shape	尺寸 Size(mm) D1	S1	排屑槽	
RPMT10T3MOE				●	●															10	3.97	有	MITSUBISHI (三菱)
RDMT10T3MOTN						●★	●★													10	3.97	有	HITACHI (日立)

规格 / 型号 Model	F7030	F620	VP15TF	NX4545	UT120T	TN100M	PR510	PR660	PP730	KW10	H101	H102	KC25	PP30	PC35	刀片形状 Insert shape	尺寸 Size(mm) D1	S1	排屑槽	
RPMT1204MOE-JS	●	●★	●★														12	4.76	有	MITSUBISHI (三菱)
RPMT1204MO							●	●	●	●							12	4.76	有	KYOCERA (京瓷)
1204MO-H						●	●	●	●	●							12	4.76	有	
RPMW1204MOE	●	●		●	●	●											12	4.76	无	MITSUBISHI (三菱)
1204MOT			●														12	4.76	无	

规格 / 型号 Model	F7030	F620	VP15TF	NX4545	UT120T	TN100M	PR510	PR660	PP730	KW10	H101	H102	KC25	JP4020	CY250	刀片形状 Insert shape	尺寸 Size(mm) D1	S1	排屑槽	
RDMX1604														●	●		16	6.35	有	HITACHI (日立)
RDMT1604														●	●		16	6.35	有	

R200 通用型圆鼻壳形铣刀盘 R200 ROUND DOWEL FACE MILL CUTTERS

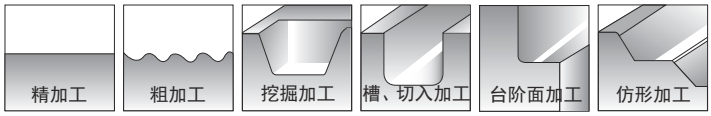




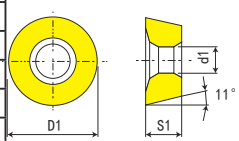
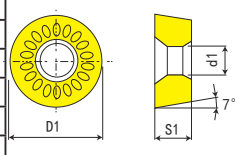
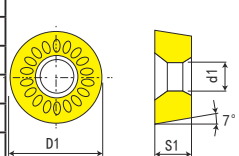

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P.J32



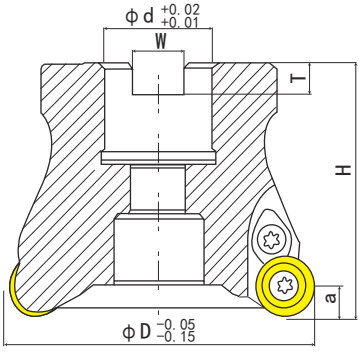
规格 / 型号 Model	尺寸 Size(mm)						刀片 Insert	压板 Clamp	螺钉 Screw	扳手 Wrench
	D	d	H	W	T	a				
R200-5R-50-22-4T	50	22	50	10.4	6.3	5	RC □ T10T3MO	A-6R	A40100J/A35100J M4*10/M3.5*10	T15F T15
R200-5R-63-22-4T	63	22	50	10.4	6.3	5				
R200-5R-80-27-6T	80	27	50	12.4	7	5				
R200-5R-100-32-6T	100	32	50	14.4	7	5				
R200-6R-50-22-4T	50	22	50	10.4	6.3	6	RC □ T1204MO	A-6R	A40100J/A35100J M4*10/M3.5*10	T15F T15
R200-6R-63-22-4T	63	22	50	10.4	6.3	6				
R200-6R-80-27-6T	80	27	50	12.4	7	6				
R200-6R-100-32-6T	100	32	50	14.4	8	6				
R200-8R-63-22-4T	63	22	50	10.4	6.3	8	RC □ T1606MO	A-8R	A50120J M5*12	T20F T20
R200-8R-80-27-6T	80	27	50	12.4	7	8				
R200-8R-100-32-6T	100	32	50	14.4	8	8				
R200-8R-125-40-6T	125	40	63	16.4	9	8				
R200-8R-160-40-8T	160	40	63	16.4	9	8				

规格 / 型号 Model	530	1025	2030	2040	3020	3040	4020	4030	4040	H10F	H13A	SM30	H101	H102	KC25	PP30	PC35	刀片形状 Insert shape	D1	d1	S1	
RCHT10T3MO-PL	●	●																	10	4.0	3.97	SANDVIK (山特维克)
10T3MO-KL											●								10	4.0	3.97	
10T3MO-ML			●	●															10	4.0	3.97	
RCHT1204MO-PL	●	●																	12	4.0	4.76	
1204MO-KL											●								12	4.0	4.76	
1204MO-ML			●	●															12	4.0	4.76	
RCHT1606MO-PL	●	●																	16	5.5	6.35	
1606MO-KL											●								16	5.5	6.35	
1606MO-ML			●	●															16	5.5	6.35	
RCKT10T3MO-PM							●	●	●										10	4.0	3.97	SANDVIK (山特维克)
10T3MO-KM					●	●													10	4.0	3.97	
10T3MO-WM	●									●		●							10	4.0	3.97	
10T3MO-MM			●	●															10	4.0	3.97	
RCKT1204MO-PM							●	●	●										12	4.0	4.76	
1204MO-KM					●	●													12	4.0	4.76	
1204MO-WM	●									●		●							12	4.0	4.76	
1204MO-MM			●	●															12	4.0	4.76	
RCKT1606MO-PM							●	●	●										16	5.5	6.35	
1606MO-KM					●	●													16	5.5	6.35	
1606MO-WM	●									●		●							16	5.5	6.35	
1606MO-MM			●	●															16	5.5	6.35	
RCKT10T3MO-PH							●	●	●										10	4.0	3.97	SANDVIK (山特维克)
10T3MO-KH					●	●													10	4.0	3.97	
10T3MO-WH												●							10	4.0	3.97	
RCKT1204MO-PH							●	●	●										12	4.0	4.76	
1204MO-KH					●	●													12	4.0	4.76	
1204MO-WH												●							12	4.0	4.76	
RCKT1606MO-PH							●	●	●										16	5.5	6.35	
1606MO-KH					●	●													16	5.5	6.35	
1606MO-WH												●							16	5.5	6.35	

可转位铣刀盘系列 FACE MILLING CUTTERS

R200 通用型圆鼻壳形铣刀盘 R200 ROUND DOWEL FACE MILL CUTTERS

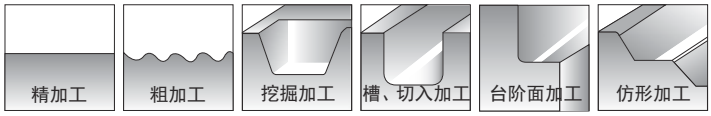




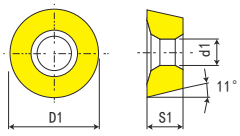
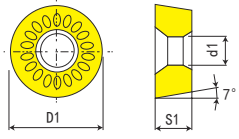
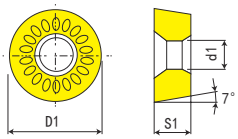

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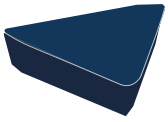

P.J32



规格 / 型号 Model	尺寸 Size(mm)						刀片 Insert	压板 Clamp	螺钉 Screw	扳手 Wrench
	D	d	H	W	T	a				
R200-5R-50-25.4-4T	50	25.4	50	10	6	5	RC □ T10T3MO	A-6R	A40100J/A35100J M4*10/M3.5*10	T15F T15
R200-5R-63-25.4-4T	63	25.4	50	10	6	5				
R200-5R-80-25.4-6T	80	25.4	50	10	6	5				
R200-5R-100-31.75-6T	100	31.75	50	13	8	5				
R200-6R-50-25.4-4T	50	25.4	50	10	6	6	RC □ T1204MO	A-6R	A40100J/A35100J M4*10/M3.5*10	T15F T15
R200-6R-63-25.4-4T	63	25.4	50	10	6	6				
R200-6R-80-25.4-6T	80	25.4	50	10	6	6				
R200-6R-100-31.75-6T	100	31.75	50	13	8	6				
R200-8R-63-25.4-4T	63	25.4	50	10	6	8	RC □ T1606MO	A-8R	A50120J M5*12	T20F T20
R200-8R-80-25.4-6T	80	25.4	50	10	6	8				
R200-8R-100-31.75-6T	100	31.75	50	13	8	8				
R200-8R-125-38.1-6T	125	38.1	50	16.2	10	8				
R200-8R-160-38.1-8T	160	38.1	50	16.2	10	8				

规格 / 型号 Model	530	1025	2030	2040	3020	3040	4020	4030	4040	H10F	H13A	SM30	H101	H102	KC25	PP30	PC35	刀片形状 Insert shape	尺寸 Size(mm) D1	d1	S1	
RCHT10T3MO-PL	●	●																	10	4.0	3.97	SANDVIK (山特维克)
10T3MO-KL											●								10	4.0	3.97	
10T3MO-ML			●	●															10	4.0	3.97	
RCHT1204MO-PL	●	●																	12	4.0	4.76	
1204MO-KL											●								12	4.0	4.76	
1204MO-ML			●	●															12	4.0	4.76	
RCHT1606MO-PL	●	●																	16	5.5	6.35	
1606MO-KL											●								16	5.5	6.35	
1606MO-ML			●	●															16	5.5	6.35	
RCKT10T3MO-PM							●	●	●										10	4.0	3.97	SANDVIK (山特维克)
10T3MO-KM					●	●													10	4.0	3.97	
10T3MO-WM	●									●		●							10	4.0	3.97	
10T3MO-MM			●	●															10	4.0	3.97	
RCKT1204MO-PM							●	●	●										12	4.0	4.76	
1204MO-KM					●	●													12	4.0	4.76	
1204MO-WM	●									●		●							12	4.0	4.76	
1204MO-MM			●	●															12	4.0	4.76	
RCKT1606MO-PM							●	●	●										16	5.5	6.35	
1606MO-KM					●	●													16	5.5	6.35	
1606MO-WM	●									●		●							16	5.5	6.35	
1606MO-MM			●	●															16	5.5	6.35	
RCKT10T3MO-PH							●	●	●										10	4.0	3.97	SANDVIK (山特维克)
10T3MO-KH					●	●													10	4.0	3.97	
10T3MO-WH												●							10	4.0	3.97	
RCKT1204MO-PH							●	●	●										12	4.0	4.76	
1204MO-KH					●	●													12	4.0	4.76	
1204MO-WH												●							12	4.0	4.76	
RCKT1606MO-PH							●	●	●										16	5.5	6.35	
1606MO-KH					●	●													16	5.5	6.35	
1606MO-WH												●							16	5.5	6.35	

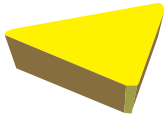
TP 台肩壳形铣刀 TP SHOULDER FACE MILL



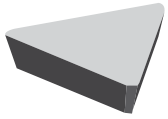
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铸铁用 材质 KC25



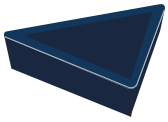
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钢用 材质 PP30



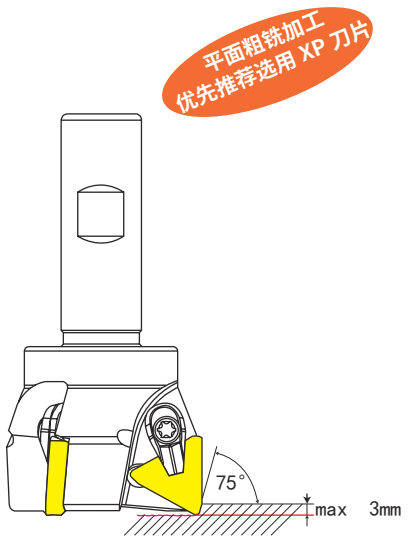
TPKN 2204PDR
钢用 材质 PP20

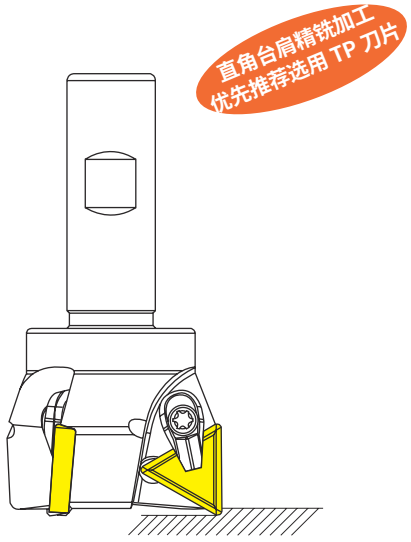


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钢用 材质 PJ20



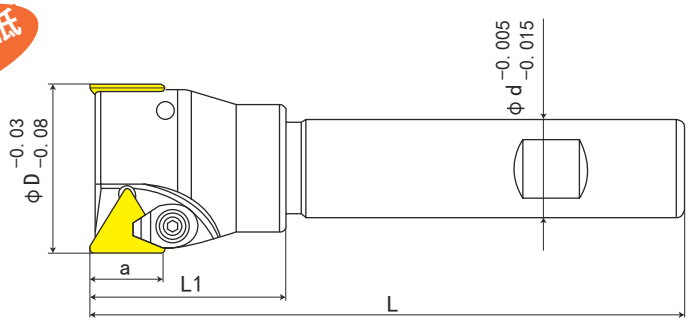
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钢用 材质 PP30

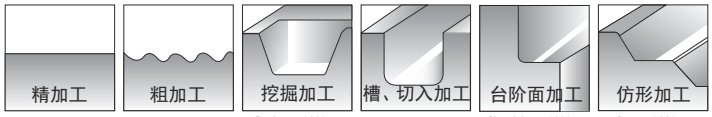




TP 台肩壳形铣刀 TP SHOULDER FACE MILL







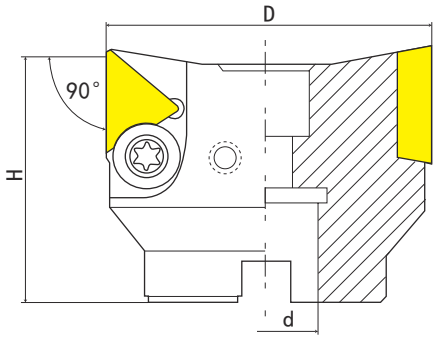
规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)					刀片 Insert	压板 Clamp	螺钉 Screw	扳手 Wrench
		D	d	L	L1	a				
TP16-30*100-C20	2	30	20	100	45	14	TPMN1603 TPKN1603	AMS-4	A40100J M4*10	T15
TP16-35*100-C20	2	35	20	100	45	14				
TP16-35*105-C25	2	35	25	105	45	14				
TP16-35*110-C32	2	35	32	110	45	14				
TP16-40*110-C20	3	40	20	110	45	14				
TP16-40*110-C25	3	40	25	110	45	14				
TP16-40*115-C32	3	40	32	115	45	14				
TP22-50*110-C20	3	50	20	110	42	20	TPMN2204 TPKN2204 XPKR220412 XPKN220408	CSY-20	A50110D M5*11	T20
TP22-50*110-C25	3	50	25	110	42	20				
TP22-50*115-C32	3	50	32	115	42	20				
TP22-63*110-C20	3	63	20	110	42	20				
TP22-63*110-C25	3	63	25	110	42	20				
TP22-63*110-C32	3	63	32	110	42	20				

◎采用抗震性工具钢材质
◎整体预硬后，再行精修，避免二次加工产生变形
◎接受其它规格定制

可转位铣刀盘系列 FACE MILLING CUTTERS

TP90 度直角面铣刀盘 TP90° SQUARE FACE MILL HEAD

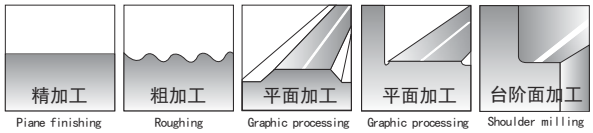





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P.J32



规格 / 型号 Model	刃数 NTeeth	尺寸 Size(mm)			重量 KGS	刀片 Insert	伞型压板 Screw	扳手 Wrench
		D	d	H				
TP90-50-22-3T	3	50	22	50	0.40	TPMN1603	M6	WRN-M3T
TP90-63-22-3T	3	63	22	50	0.75	TPMN2204	M8	WRN-M4T
TP90-80-27-4T	4	80	27	50	1.00	TPMN2204	M8	WRN-M4T
TP90-100-32-4T	4	100	32	50	1.25	TPMN2204	M8	WRN-M4T
TP90-125-40-6T	6	125	40	60	2.70	TPMN2204	M8	WRN-M4T

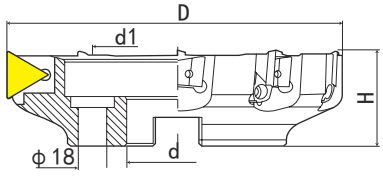
◎适用 Suitable：三菱刀片 MITSUBISHI Insert

◎铣削加工，小马力铣床及 M/C 加工用
◎隅角 90 度

◎ Milling in milling machine with a low power and machine center.
◎ Angle：90°

TP90 度直角面铣刀盘 TP90° SQUARE FACE MILL HEAD

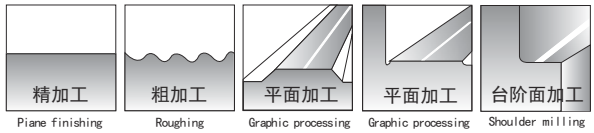





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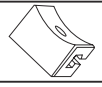

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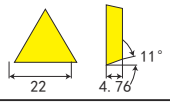

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规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)				重量 KGS
		D	d	d1	H	
TP90-160-50.8-8T	8	160	50.8	-	63	7.30
TP90-200-47.625-10T	10	200	47.625	101.6	63	-
TP90-250-47.625-12T	12	250	47.625	101.6	63	-
TP90-300-47.625-14T	14	300	47.625	101.6	63	-

规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)				重量 KGS
		D	d	d1	H	
TP90-160-40-8T	8	160	40	-	63	5.60
TP90-200-60-10T	10	200	60	101.6	63	-
TP90-250-60-12T	12	250	60	101.6	63	-
TP90-300-60-14T	14	300	60	101.6	63	-

替换零件 Replacing fittings				
E01	E04	E03	E03	E02
				
M5*16	CL-S	FC3050-TP2204-75	SV-128170-15	TH-40

使用刀片规格 Insert specification

TPKN2204

◎注：只要更换刀片座，同一个 TP 刀头可重复利用

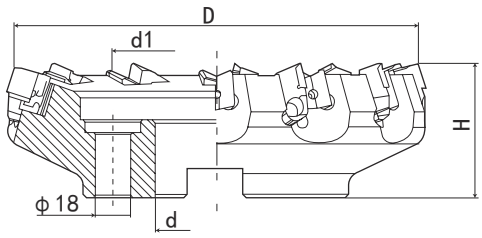
◎铣削加工，小马力铣床及 M/C 加工用
◎隅角 90 度

◎ NOTICE：If replacing insert seat,the TP head mill can use again.

◎ Milling in milling machine with a low power and machine center.
◎ Angle：90°

FP45 度平面铣刀盘 FP45° FACE MILL HEAD

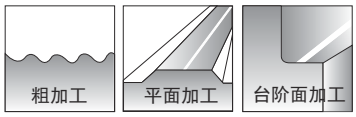





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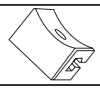

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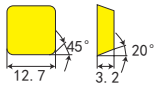
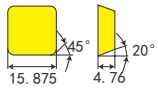

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规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)				
		D	d	d1	H	重量 KGS
FP45-80-25.4-5T	5	80	25.4	-	50	1.90
FP45-100-31.75-5T	5	100	31.75	-	50	2.40
FP45-125-38.1-6T	6	125	38.1	-	63	5.50
FP45-160-50.8-8T	8	160	50.8	-	63	7.30
FP45-200-47.625-10T	10	200	47.625	101.6	63	11.45
FP45-250-47.625-12T	12	250	47.625	101.6	63	13.65
FP45-300-47.625-14T	14	300	47.625	101.6	63	22.10

规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)				
		D	d	d1	H	重量 KGS
FP45-80-27-5T	5	80	27	-	50	2.05
FP45-100-32-5T	5	100	32	-	50	2.55
FP45-125-40-6T	6	125	40	-	63	5.70
FP45-160-40-8T	8	160	40	-	63	7.50
FP45-200-60-10T	10	200	60	101.6	63	11.70
FP45-250-60-12T	12	250	60	101.6	63	13.90
FP45-300-60-14T	14	300	60	101.6	63	22.40

替换零件 Replacing fittings			
E01	E03	E03	E02
			
M5*16	FC2550	SV-128170-15	TH-40

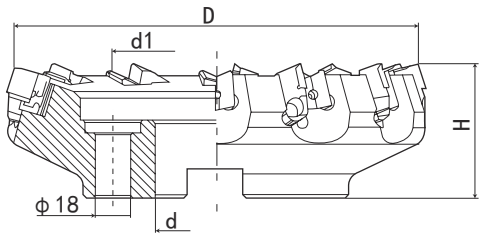
使用刀片规格 Insert specification	
	
SEKN1203	SEKN1504

◎ 注：只要更换刀片座，同一个FP规格刀盘可使用SEKN1203,SEKN1504二种刀片

◎ NOTICE: If replacing insert seat,the FP head mill can use SEKN1203 and SEKN1504.

FP75 度平面铣刀盘 FP75° FACE MILL HEAD

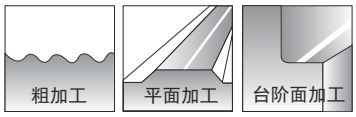





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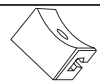

P.J30

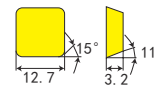
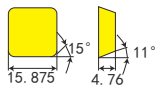

P.J32



规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)				
		D	d	d1	H	重量 KGS
FP75-80-25.4-5T	5	80	25.4	-	50	1.90
FP75-100-31.75-6T	6	100	31.75	-	50	2.40
FP75-125-38.1-8T	8	125	38.1	-	63	5.50
FP75-160-50.8-10T	10	160	50.8	-	63	7.30
FP75-200-47.625-12T	12	200	47.625	101.6	63	11.45
FP75-250-47.625-14T	14	250	47.625	101.6	63	13.65
FP75-300-47.625-16T	16	300	47.625	101.6	63	22.10

规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)				
		D	d	d1	H	重量 KGS
FP75-80-27-5T	5	80	27	-	50	2.05
FP75-100-32-6T	6	100	32	-	50	2.55
FP75-125-40-8T	8	125	40	-	63	5.70
FP75-160-40-10T	10	160	40	-	63	7.50
FP75-200-60-12T	12	200	60	101.6	63	11.70
FP75-250-60-14T	14	250	60	101.6	63	13.90
FP75-300-60-16T	16	300	60	101.6	63	22.40

替换零件 Replacing fittings			
E01	E03	E03	E02
			
M5*16	FC2550	SV-128170-15	TH-40

使用刀片规格 Insert specification	
	
SPUN120308	SPKN1504EDTR-20

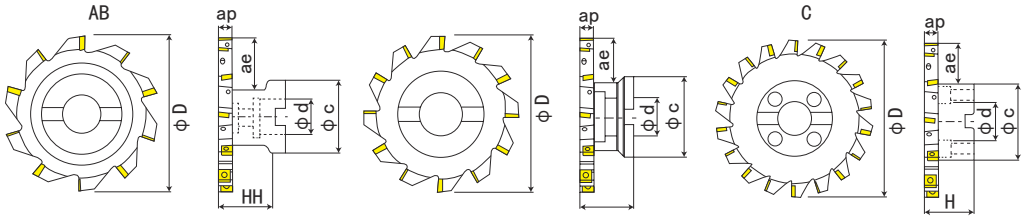
◎ 注：只要更换刀片座，同一个FP规格刀盘可使用SPUN120308，SPKN1504EDTR-20二种刀片

◎ NOTICE: If replacing insert seat,the FP head mill can use SPUN120308 and SPKN1504EDTR-20.

可转位铣刀盘系列 FACE MILLING CUTTERS

SMP 三面刃铣刀（刀盘型） SMP SIDE MILLS






P.F87


P.J30


P.J32

规格 / 型号 Model	尺寸 Size(mm)						齿数 Z	刀片 Insert	螺钉 Clamp screw	扳手 Wrench
	D	H	d	W	T	a				
SMP-80*8-A22-06-10	80	45	22	21	8	40	10	MP □ T060304	M2.5*6.5	T8
SMP-100*8-B27-06-14	100	55	27	24	8	40	14			
SMP-100*10-B27-06-14	100	55	27	24	10	40	14			
SMP-125*10-B32-06-16	125	65	32	33	10	45	16	MP □ T080305	M3*8	T8
SMP-125*12-B32-08-12	125	65	32	33	12	45	12			
SMP-160*12-B40-08-14	160	80	40	45	12	50	14			
SMP-200*12-C40-08-18	200	92	40	53	12	50	18			
SMP-125*16-B32-12-10	125	65	32	30	16	50	10			
SMP-160*16-B40-12-12	160	80	40	45	16	60	12	MP □ T20408	M5*12	T20
SMP-160*18-B40-12-12	160	80	40	45	18	60	12			
SMP-200*16-C40-12-12	200	92	40	53	16	50	14			
SMP-200*18-C40-12-14	200	92	40	53	18	50	14			
SMP-200*20-C40-12-14	200	92	40	53	20	50	14			

铣削加工切削条件的选择方法 HOW TO SELECT CUTTING CONDITIONS FOR MILLING

◎切削速度（Vc）Cutting Speed

$$Vc=\frac{\pi\times D\times n}{1000}(m/min)$$

转速（n）Revolution

$$n=\frac{1000\times Vc}{\pi\times D}(min^{-1})$$

Vc：切削速度 m/min cutting speed
D：刀径 mm Cutter diameter
n：转速 min^{-1} RPM
π：圆周率 3.1416 Circumference ratio

◎进给速度 （Vf）Feed rate

$$Vf=fz\times z\times n(mm/min)$$

每刃进给（fz）Feed rate per tooth

$$fz=\frac{Vf}{Z\times n}(mm/tooth)$$

Vf：进给速度 m/min Feed rate
Z：刃数 Number of flutes
n：转速 min RPM
fz：每刃进给 mm/tooth feed per tooth

◎加工时间（Tc）

$$Tc=\frac{L}{Vf}(min)$$

Tc：加工时间 min cutting time
Vf：每分钟的工作台进给速度
Feed rate per minute of table
L：转工作台总进给长度（工件长度＋铣刀直径）mm
Overall table feed length(workpiece length+grinder dia.

◎切削动力（Ne）Feed rate

$$Ne=\frac{apxaexVfxKs}{60x106x\eta}(KW)$$

Ne：切削动力 kw
Cutting power(horsepower)
ae：切削宽度 mm
Cutting with
η：机械效率（0.6-0.8）
Mechanical effciency
ap：切削深度 mm
Cutting depth
Vf：进给速度 mm/min
Feed rate
Ks：比切削阻力 kg/mm2
Relative cutting resistance
（参照下表 Refer to the table below）

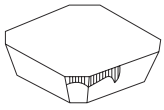
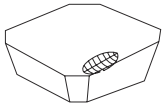
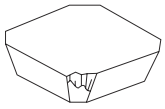
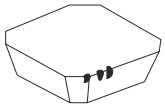
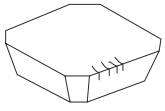
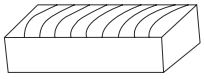
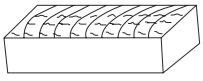
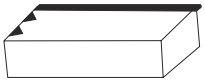
KS（比切削阻力） Specific cutting resistance

工件材料 Work Materials	被拉伸强度（N/mm2）及硬度 Tensile stength (N/mm2) or hardness	对于每刃进给的比切削阻力（N/mm2）ks Ks:Specific cutting resistance （N/mm2）for feed tooth				
		0.1mm/tooth	0.2mm/tooth	0.3mm/tooth	0.4mm/tooth	0.6mm/tooth
软钢 Mild steels	520	2200	1950	1820	1700	1580
中碳钢 Medium steels	620	1980	1800	1730	1600	1570
硬钢 Hard steels	720	2520	2200	2040	1850	1740
工具钢 Tool steels	670	1980	1800	1730	1700	1600
	770	2030	1800	1750	1700	1580
铬锰钢 Chrome manganese steels	770	2300	2000	1880	1750	1660
	630	2750	2300	2060	1800	1780
铬钼钢 Chrome molybdenum steels	730	2540	2250	2140	2000	1800
	600	2180	2000	1860	1800	1670
镍铬钼钢 Nickel chrome molybdenum steels	940	2000	1800	1680	1600	1500
	352HB	2100	1900	1760	1700	1530
铸钢 Cast steels	520	2800	2500	2320	2200	2040
硬质铸铁 Hard cast steels	46HRC	3000	2700	2500	2400	2200
米汉纳铸铁 Meehanite cast steels	360	2180	2000	1750	1600	1470
灰铸铁 Gray cast steels	200HB	1750	1400	1240	1050	970
黄铜 Yellow cipper	500	1150	950	800	700	630
轻合金 (Al-Mg) Light Alloy (Al-Mg)	160	580	480	400	350	320
轻合金 (Al-Si) Light Alloy (Al-Si)	200	700	600	490	450	390

可转位铣刀盘系列 FACE MILLING CUTTERS

螺纹铣刀片（UNUNC UNF UNEF UNS） THREAD MILLING INSERT

〈对策〉
〈Countermeasurs〉
○：效果好
Very Effective
●：有效果
Effective
▼：效果相反
Not Effective
↑：增加、增大
Increase,Make it Large
↓：减少、减小
Reduce,Make it Small

	刀片材料 Insert Grade				刀具形状 Tool Shape							切削条件 Cutting Condition					
	使用韧性高的材料 Use tough grade	使用耐磨损性的高的材料 Use abrasion resistant grade	使用金属陶瓷 Use cermet material	使用涂层材料 Use coated grode	改变磨量 Chang the honing	改变前角 Change rake	改变后角 Change relief angle	加厚刀片 Make insert thicker	加大R角 Increase corner R	使用精密级刀片 Use precision class inserts	改变刃数 Use inserts of different flute number	安装修刀刃 Attach flat drag	改变切削速度 Change cutting speed	改变进给量 Change the feed rate	改变切削深度 Change cut-in amount	使用切削液 Splash cutting fluid	减小接触角 Reduce the engage angle	
后隙面磨损（侧面） Abraded Relief Surface（Fland） 		○		○	●↓		↑●		●				●↓					
前刀面磨损（月牙） Abraded Rake Surface（Crater） 		●	●	●		↑●							●↓	●↓		●		
动挚性崩裂 Shoch Chipping 	○				↑○	●↓	●↓	●	●					●↓			●	
熔着性崩裂 Welding Chipping 	●		●	○	●↓	↑●							↑○			○		
热裂 Thermal Crack 	●							●					●↓			▼		
精加工面 Finish Surface 			○		●↓	↑●	↑●			○		○	↑●	●↓	●↓	○		
颤动 Chattering Vibration 					●↓	↑●	↑●				●↓		●↓	●↓	●↓			
精刃带缺损●毛刺 Edge Chipping Burr 					●↓	↑●	↑●		●		↑●			●↓	●↓		●	

铣刀杆系列
MILLING CUTTERS

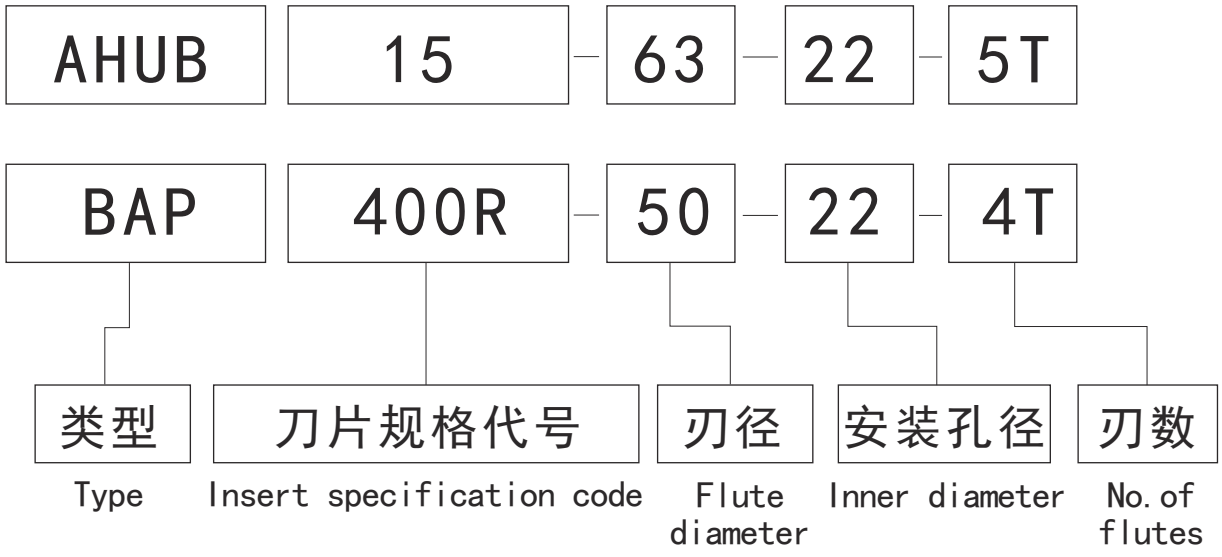


铣刀杆系列
MILLING CUTTERS

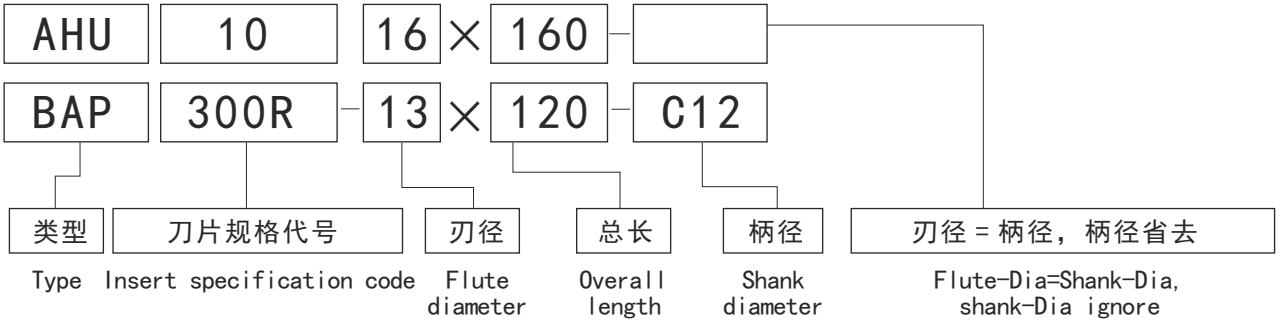
可转位铣刀杆系列 MILLING CUTTERS

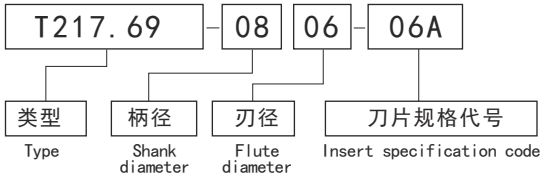
壳 形 铣 刀 FACE MILL

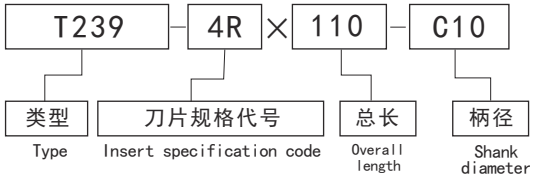
壳形铣刀 FACE MILL



立铣刀 END MILL







特点：

◎采用抗震性工具钢材质

◎整体预硬后，再行精修，避免二次加工产生变形

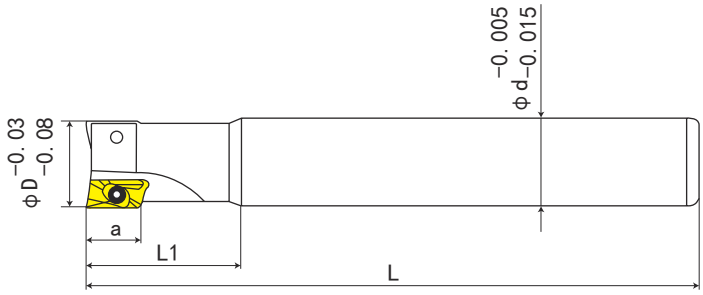
Features:

◎ Use antiknock tool steel.

◎ Overall pre-hard first,then fine processing,avoid transformation when proceed twice.

BAP/TAP300R-90°方肩铣刀杆 BAP/TAP300R-90° RIGHT ANGLE SHOULDER END MILL






P.F102


P.J30


P.J32



规格 / 型号 Model	刃数 Teeth	a	D	d	L1	L	适配刀片 Insert	螺钉 Clamp scrwe	扳手 Wrench
BAP300R-10-100-C10-1T	1	9	10	10	30	100	APMT 1135 PDER	M2.5*5	T8
BAP300R-10-130-C10-1T	1	9	10	10	30	130			
BAP300R-10-150-C10-1T	1	9	10	10	30	150			
BAP 300R-11-100-C10-1T	1	11	11	10	35	100			
BAP 300R-11-130-C10-1T	1	11	11	10	35	130			
BAP 300R-11-150-C10-1T	1	11	11	10	35	150			
BAP300R-12-100-C12-1T	1	9	12	10	30	100			
BAP300R-12-120-C12-1T	1	9	12	12	30	120			
BAP300R-12-130-C12-1T	1	9	12	12	30	130			
BAP300R-12-150-C12-1T	1	9	12	12	30	150			
BAP300R-12-200-C12-1T	1	9	12	12	30	200			
BAP300R-13-100-C12-1T	1	9	13	12	30	100			
BAP300R-13-120-C12-1T	1	9	13	12	30	120			
BAP300R-13-130-C12-1T	1	9	13	12	30	130			
BAP300R-13-150-C12-1T	1	9	13	12	30	150			
BAP 300R-14-150-C14-1T	1	11	14	14	35	150			
BAP 300R-14-200-C14-1T	1	11	14	14	35	200			
BAP 300R-15-150-C15-2T	2	11	15	15	35	250			
BAP 300R-15-200-C15-2T	2	11	15	15	35	200			
BAP300R-16-150-C15-2T	2	9	16	15	40	150			
BAP300R-16-200-C15-2T	2	9	16	15	40	200			
BAP300R-16-250-C15-2T	2	9	16	15	40	250			
BAP300R-16-150-C15.6-2T	2	9	16	15.6	40	150			
BAP300R-16-200-C15.6-2T	2	9	16	15.6	40	200			
BAP300R-16-250-C15.6-2T	2	9	16	15.6	40	250			
BAP300R-16-120-C16-2T	2	9	16	16	30	120			
BAP300R-16-150-C16-2T	2	9	16	16	30	150			
BAP300R-16-200-C16-2T	2	9	16	15	40	200			
BAP300R-16-200-C16-2T	2	9	16	16	40	200			
BAP300R-16-300-C16-2T	2	9	16	16	50	300			
BAP300R-17-120-C16-2T	2	9	17	16	30	120			
BAP300R-17-150-C16-2T	2	9	17	16	40	150			
BAP300R-17-160-C16-2T	2	9	17	16	40	160			
BAP300R-17-200-C16-2T	2	9	17	16	40	200			
BAP 300R-18-150-C16-2T	2	11	18	16	35	150			
BAP 300R-18-200-C16-2T	2	11	18	16	35	200			
BAP 300R-18-250-C16-2T	2	11	18	16	35	250			
BAP 300R-19-150-C19-2T	2	11	19	19	45	150			
BAP 300R-19-200-C19-2T	2	11	19	19	45	200			
BAP 300R-19-250-C19-2T	2	11	19	19	45	250			

◎节能提示：请保留您的报废刀片 RAP-75°壳形铣刀，ASJ 钻铣刀还能用，或联系本公司！

◎采用抗震性工具钢材质

◎整体预硬后，再行精修，避免二次处理所产生应变

◎ Energy saving tips：please keep your scrap blade,RAP-75 ° shell cutter,ASJ drill milling cutter can also be used,or with your company!

◎ Using tool steel material vibration resistance.

◎ Overall after hard,any refinement,avoid secondary produced by the strain.

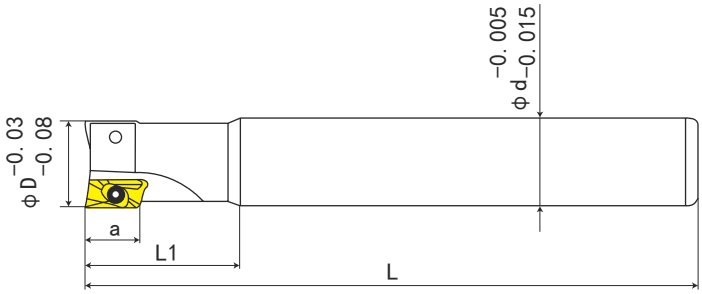
BAP/TAP300R-90°方肩铣刀杆 BAP/TAP300R-90° RIGHT ANGLE SHOULDER END MILL

规格 / 型号 Model	刃数 Teeth	a	D	d	L1	L	适配刀片 Insert	螺钉 Clamp scrwe	扳手 Wrench
BAP300R-20-150-C19-2T	2	9	20	19	40	150	APMT 1135 PDER	M2.5*5	T8
BAP300R-20-200-C19-2T	2	9	20	19	40	200			
BAP300R-20-120-C20-2T	2	9	20	20	30	120			
BAP300R-20-150-C20-2T	2	9	20	20	40	150			
BAP300R-20-160-C20-2T	2	9	20	20	40	160			
BAP300R-20-200-C20-2T	2	9	20	20	50	200			
BAP300R-20-250-C19-2T	2	9	20	19	50	250			
BAP300R-20-250-C20-2T	2	9	20	20	50	250			
BAP300R-20-300-C20-2T	2	9	20	20	50	300			
BAP300R-21-150-C20-2T	2	9	21	20	40	150			
BAP300R-21-200-C20-2T	2	9	21	20	50	200			
BAP300R-21-250-C19-2T	2	9	21	19	50	250			
BAP300R-21-250-C20-2T	2	9	21	20	50	250			
BAP300R-21-300-C20-2T	2	9	21	20	50	300			
BAP 300R-22-150-C20-2T	2	11	22	22	45	150			
BAP 300R-22-200-C20-2T	2	11	22	22	45	200			
BAP 300R-22-250-C20-2T	2	11	22	22	45	250			
BAP300R-25-150-C24-3T	3	9	25	24	50	150			
BAP300R-25-160-C24-3T	3	9	25	24	50	160			
BAP300R-25-200-C24-3T	3	9	25	24	50	200			
BAP300R-25-250-C24-3T	3	9	25	24	50	250			
BAP300R-25-300-C24-3T	3	9	25	24	50	300			
BAP300R-25-150-C25-3T	3	9	25	25	50	150			
BAP300R-25-160-C25-3T	3	9	25	25	50	160			
BAP300R-25-200-C25-3T	3	9	25	25	50	200			
BAP300R-25-250-C25-3T	3	9	25	25	50	250			
BAP300R-25-300-C25-3T	3	9	25	25	50	300			
BAP 300R-26-150-C25-3T	3	11	26	26	45	150			
BAP 300R-26-200-C25-3T	3	11	26	26	45	200			
BAP 300R-26-250-C25-3T	3	11	26	26	45	250			
BAP 300R-26-300-C25-3T	3	11	26	26	45	300			
BAP 300R-27-150-C25-3T	3	11	27	27	45	150			
BAP 300R-27-200-C25-3T	3	11	27	27	45	200			
BAP 300R-27-250-C25-3T	3	11	27	27	45	250			
BAP 300R-28-150-C25-3T	3	11	28	28	45	150			
BAP 300R-28-200-C25-3T	3	11	28	28	45	200			
BAP 300R-28-250-C25-3T	3	11	28	28	45	250			
BAP 300R-29-150-C25-3T	3	11	29	29	45	150			
BAP 300R-29-200-C25-3T	3	11	29	29	45	200			
BAP 300R-29-250-C25-3T	3	11	29	29	45	250			
BAP 300R-30-150-C25-3T	3	11	30	30	45	150			
BAP 300R-30-200-C25-3T	3	11	30	30	45	200			
BAP 300R-30-250-C25-3T	3	11	30	30	45	250			
BAP 300R-32-150-C32-4T	4	11	32	32	45	150			
BAP 300R-32-200-C32-4T	4	11	32	32	45	200			
BAP 300R-32-250-C32-4T	4	11	32	32	45	250			
BAP 300R-40-150-C32-4T	4	11	40	40	45	150			
BAP 300R-40-200-C32-4T	4	11	40	40	45	200			
BAP 300R-50-150-C32-5T	5	11	50	50	45	150			
BAP 300R-50-200-C32-5T	5	11	50	50	45	200			

规格 / 型号 Model	F7030	F620	VP15TF	UP20M	NX2525	NX4545	UT120T	HTI10	NCM325	PC3545	PC3530	PC6510	PD2000	H01	H101	H102	KC25	PP30	PC35	刀片形状 Insert shape	尺寸 Size(mm) L1	L2	S1	F1	Re	
APMT1135PDER-H1	●	●	●★	●	●	●	●	●														11	6.35	3.5	1.5	0.4	MITSUBISHI(三菱)
APMT1135PDER-H2	●	●	●★	●	●	●	●	●														11	6.35	3.5	1.2	0.8	
APMT1135PDER-H3	●	●		●			●															11	6.35	3.5	0.8	1.2	
APMT1135PDER-H4	●	●		●			●															11	6.35	3.5	0.4	1.6	
APMT1135PDER-H6	●	●		●			●															11	6.35	3.5	0.4	2.4	
APMT1135PDER-MO	●																					11	6.35	3.5	1.8	0.2	
APMT1135PDER-M1	●																					11	6.35	3.5	1.5	0.4	
APMT1135PDER-M2	●	●	●★			●																11	6.35	3.5	1.2	0.8	
APGT1135PFER-G2								●														11	6.35	3.5	1.2	0.8	

BAP/TAP400R-90°方肩铣刀杆 BAP/TAP400R-90° RIGHT ANGLE SHOULDER END MILL






P.F102


P.J30


P.J32



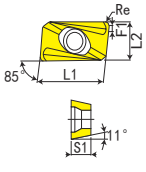
规格 / 型号 Model	刃数 Teeth	a	D	d	L1	L	适配刀片 Insert	螺钉 Clamp scrwe	扳手 Wrench
BAP400R-22-150-C20-2T	2	14	22	20	45	150	APMT1604PDER	M4*10	T15
BAP400R-22-200-C20-2T	2	14	22	20	45	200			
BAP400R-22-250-C20-2T	2	14	22	20	45	250			
BAP400R-23-150-C20-2T	2	14	23	20	45	150			
BAP400R-23-200-C20-2T	2	14	23	20	45	200			
BAP400R-23-250-C20-2T	2	14	23	20	45	250			
BAP400R-24-150-C24-2T	2	14	24	24	45	150			
BAP400R-24-200-C24-2T	2	14	24	24	45	200			
BAP400R-24-250-C24-2T	2	14	24	24	45	250			
BAP400R-25-150-C20-2T	2	14	25	20	45	150			
BAP400R-25-200-C20-2T	2	14	25	20	45	200			
BAP400R-25-150-C24-2T	2	14	25	24	45	150			
BAP400R-25-200-C24-2T	2	14	25	24	45	200			
BAP400R-25-250-C24-2T	2	14	25	24	45	250			
BAP400R-25-300-C24-2T	2	14	25	24	45	300			
BAP400R-25-150-C25-2T	2	14	25	25	45	150			
BAP400R-25-160-C25-2T	2	14	25	25	45	160			
BAP400R-25-200-C25-2T	2	14	25	25	45	200			
BAP400R-25-250-C25-2T	2	14	25	25	45	250			
BAP400R-25-300-C25-2T	2	14	25	25	45	300			
BAP400R-26-150-C25-2T	2	14	26	25	45	150			
BAP400R-26-200-C25-2T	2	14	26	25	45	200			
BAP400R-26-250-C25-2T	2	14	26	25	45	250			
BAP400R-27-150-C25-2T	2	14	27	25	45	150			
BAP400R-27-200-C25-2T	2	14	27	25	45	200			
BAP400R-27-250-C25-2T	2	14	27	25	45	250			
BAP400R-28-150-C25-2T	2	14	28	25	45	150			
BAP400R-28-200-C25-2T	2	14	28	25	45	200			
BAP400R-28-250-C25-2T	2	14	28	25	45	250			
BAP400R-30-150-C25-2T	2	14	30	25	45	150			
BAP400R-30-200-C25-2T	2	14	30	25	45	200			
BAP400R-30-250-C25-2T	2	14	30	25	45	250			
BAP400R-30-300-C25-2T	2	14	30	25	45	300			
BAP400R-32-150-C25-2T	2	14	32	25	45	150			
BAP400R-32-200-C25-2T	2	14	32	25	45	200			
BAP400R-32-250-C25-2T	2	14	32	25	45	250			
BAP400R-32-300-C25-2T	2	14	32	25	45	300			
BAP400R-32-150-C32-2T	2	14	32	32	45	150			
BAP400R-32-200-C32-2T	2	14	32	32	45	200			
BAP400R-32-250-C32-3T	3	14	32	32	45	250			
BAP400R-32-300-C32-3T	3	14	32	32	45	300			

可转位铣刀杆系列 MILLING CUTTERS

BAP/TAP400R-90°方肩铣刀杆 BAP/TAP400R-90° RIGHT ANGLE SHOULDER END MILL

规格 / 型号 Model	刃数 Teeth	a	D	d	L1	L	适配刀片 Insert	螺钉 Clamp scrwe	扳手 Wrench
BAP400R-33-150-C32-3T	3	14	33	32	45	150	APMT1604PDER	M4*10	T15
BAP400R-33-200-C32-3T	3	14	33	32	45	200			
BAP400R-33-250-C32-3T	3	14	33	32	45	250			
BAP400R-33-300-C32-3T	3	14	33	32	45	300			
BAP400R-34-150-C32-3T	3	14	34	32	45	150			
BAP400R-34-200-C32-3T	3	14	34	32	45	200			
BAP400R-34-250-C32-3T	3	14	34	32	45	250			
BAP400R-34-300-C32-3T	3	14	34	32	45	300			
BAP400R-35-150-C32-3T	3	14	35	32	45	150			
BAP400R-35-200-C32-3T	3	14	35	32	45	200			
BAP400R-35-250-C32-3T	3	14	35	32	45	250			
BAP400R-35-300-C32-3T	3	14	35	32	45	300			
BAP400R-35-350-C32-3T	3	14	35	32	45	350			
BAP400R-35-400-C32-3T	3	14	35	32	45	400			
BAP400R-35-450-C32-3T	3	14	35	32	45	450			
BAP400R-35-500-C32-3T	3	14	35	32	45	500			
BAP400R-35-550-C32-3T	3	14	35	32	45	550			
BAP400R-40-150-C32-3T	3	14	40	32	45	150			
BAP400R-40-200-C32-3T	3	14	40	32	45	200			
BAP400R-40-250-C32-3T	3	14	40	32	45	250			
BAP400R-40-300-C32-3T	3	14	40	32	45	300			
BAP400R-40-350-C32-3T	3	14	40	32	45	350			
BAP400R-40-400-C32-3T	3	14	40	32	45	400			
BAP400R-40-450-C32-3T	3	14	40	32	45	450			
BAP400R-50-150-C32-4T	4	14	50	32	45	150			
BAP400R-50-200-C32-4T	4	14	50	32	45	200			
BAP400R-63-150-C32-4T	4	14	63	32	45	150			
BAP400R-63-200-C32-4T	4	14	63	32	45	200			
3# 莫氏 BAP 400R-25-2T	2	14	25	MTB3	45	-			
3# 莫氏 BAP 400R-28-2T	2	14	28	MTB3	45	-			
4# 莫氏 BAP 300R-20-2T	2	14	20	MTB4	45	-			
4# 莫氏 BAP 400R-25-2T	2	14	25	MTB4	45	-			
4# 莫氏 BAP 400R-28-2T	2	14	28	MTB4	45	-			
4# 莫氏 BAP 400R-30-3T	3	14	30	MTB4	45	-			
4# 莫氏 BAP 400R-32-3T	3	14	32	MTB4	45	-			
4# 莫氏 BAP 400R-40-3T	3	14	40	MTB4	45	-			
4# 莫氏 BAP 400R-45-4T	4	14	45	MTB4	45	-			
4# 莫氏 BAP 400R-50-4T	4	14	50	MTB4	45	-			
4# 莫氏 BAP 400R-63-4T	4	14	63	MTB4	45	-			
4# 莫氏 BAP 400R-80-5T	5	14	80	MTB4	45	-			

可配用刀片 INSERTS

规格 / 型号 Model	F7030	F620	VP15TF	UP20M	NX2525	NX4545	UT120T	HTI10	NCM325	PC3545	PC3530	PC6510	PD2000	H01	H101	H102	KC25	PP30	PC35	刀片形状 Insert shape	尺寸 Size(mm) L1	L2	S1	F1	Re	
APMT1604PDER-H1	●		●				●														16.5	9.525	4.76	1.7	0.4	
APMT1604PDER-H2	●	●	●★	●	●	●★	●	●													16.5	9.525	4.76	1.7	0.8	
APMT1604PDER-H4	●						●														16.5	9.525	4.76	1.7	1.6	
APMT1604PDER-H6	●						●														16.5	9.525	4.76	1.7	2.4	
APMT1604PDER-H8	●						●														16.5	9.525	4.76	1.7	3.2	
APGT1604PFER-M2	●	●	●★			●															16.5	9.525	4.76	1.7	0.8	
APMT1604PDER-G2	●							●													16.5	9.525	4.76	1.7	0.8	
APKT1604PDSR									●	●	●	●	●								16.4	9.525	4.76	-	0.8	KOPLOY 刀片
APKT1604PDFR-MA														●	●						16.4	9.525	4.76	-	0.8	

◎节能提示：请保留您的报废刀片 RAP-75°壳形铣刀，ASJ 钻铣刀还能用，或联系本公司！

◎采用抗震性工具钢材质

◎整体预硬后，再行精修，避免二次处理所产生应变

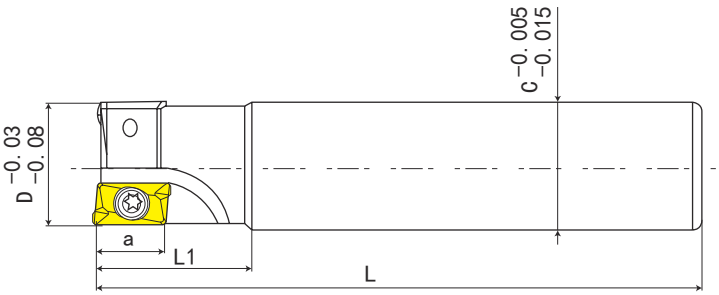
◎ Energy saving tips：please keep your scrap blade,RAP-75 ° shell cutter,ASJ drill milling cutter can also be used,or with your company!

◎ Using tool steel material vibration resistance.

◎ Overall after hard,any refinement,avoid secondary produced by the strain.

APKT 直角台肩铣刀 APKT RIGHT ANGLE SHOULDER END MILL






P.F102


P.J30


P.J32



规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)					刀片 Insert	螺钉 Screw	扳手 Wrench
		D	C	L	L1	a			
APKT10-C10-120-1T	1	10	10	120	35	11	APKT1135	M2.5-6.45-3.7	T8
APKT11-C10-120-1T	1	11	10	120	35	11			
APKT12-C12-120-1T	1	12	12	120	35	11			
APKT13-C12-120-1T	1	13	12	120	35	11			
APKT16-C15-120-2T	2	16	15	120	45	11			
APKT16-C15-150-2T	2	16	15	150	45	11			
APKT16-C15-200-2T	2	16	15	200	45	11			
APKT16-C16-120-2T	2	16	16	120	45	11			
APKT16-C16-150-2T	2	16	16	150	45	11			
APKT16-C16-200-2T	2	16	16	200	45	11			
APKT17-C16-150-2T	2	16	16	150	45	11			
APKT17-C16-200-2T	2	16	20	200	45	11			
APKT20-C20-150-2T	2	20	20	150	45	11			
APKT20-C20-200-2T	2	20	20	200	45	11			
APKT21-C20-150-2T	2	20	20	150	45	11			
APKT21-C20-200-2T	2	20	20	200	45	11			
APKT22-C20-150-2T	2	20	20	150	45	11			
APKT22-C20-200-2T	2	20	20	200	45	11			
规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)					刀片 Insert	螺钉 Screw	扳手 Wrench
		D	C	L	L1	a			
APKT25-C20-150-2T	2	25	20	150	45	16	APKT1604	M4*9	T15
APKT25-C20-200-2T	2	25	20	200	45	16			
APKT25-C24-150-2T	2	25	24	150	45	16			
APKT25-C24-200-2T	2	25	24	200	45	16			
APKT25-C25-150-2T	2	25	25	150	45	16			
APKT25-C25-200-2T	2	25	25	200	45	16			
APKT26-C25-150-2T	2	26	25	150	45	16			
APKT26-C25-200-2T	2	26	25	200	45	16			
APKT30-C25-150-2T	2	30	25	150	45	16			
APKT30-C25-200-2T	2	30	25	200	45	16			
APKT32-C25-150-2T	2	32	25	150	45	16			
APKT32-C25-200-2T	2	32	25	200	45	16			
APKT32-C32-150-3T	3	32	32	150	45	16			
APKT32-C32-200-3T	3	32	32	200	45	16			
APKT35-C32-150-3T	3	35	32	150	45	16			
APKT35-C32-200-3T	3	35	32	200	45	16			
APKT40-C32-150-3T	3	40	32	150	45	16			
APKT40-C32-200-3T	3	40	32	200	45	16			
APKT40-C32-150-3T	3	40	32	150	45	16			
APKT40-C32-200-3T	3	40	32	200	45	16			

◎采用抗震性工具钢材质

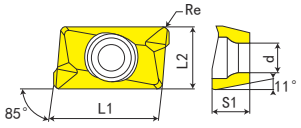
◎整体预硬后，再行精修，避免二次处理所产生应变

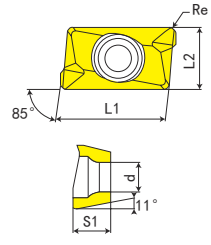
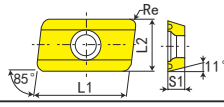
◎ Using tool steel material vibration resistance.

◎ Overall after hard,any refinement,avoid secondary produced by the strain.

APKT 直角台肩铣刀 APKT RIGHT ANGLE SHOULDER END MILL

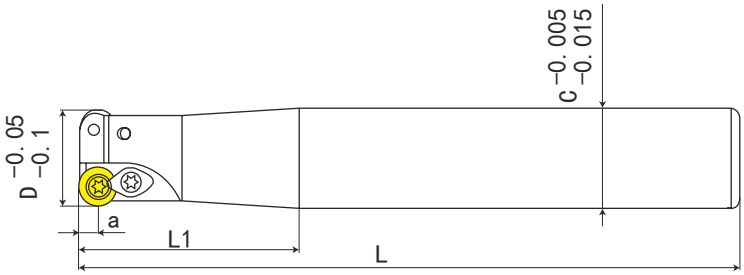
可配用刀片 INSERTS

规格 / 型号 Model	YBG102	YBG202	YBG302	YBM251	YBD252	YD101	刀片形状 Insert Shape	尺寸 Size(mm) L1	L2	S1	d	Re	
APKT11T304-PF	●	●	●					12.24	6.5	3.6	2.8	0.4	株洲钻石
APKT11T308-PF	●	●	●					12.24	6.5	3.6	2.8	0.8	
APKT11T312-PF	●	●	●					12.24	6.5	3.6	2.8	1.2	
APKT11T316-PF	●	●	●					12.24	6.5	3.6	2.8	1.36	
APKT160408-PF	●	●	●					17.877	9.33	5.76	4.4	0.8	
APKT11T304-PM	●	●	●	●				12.24	6.5	3.6	2.8	0.4	
APKT11T308-PM	●	●	●	●				12.24	6.5	3.6	2.8	0.8	
APKT11T312-PM	●	●	●	●				12.24	6.5	3.6	2.8	1.2	
APKT11T316-PM	●	●	●	●				12.24	6.5	3.6	2.8	1.36	
APKT160408-PM	●	●	●	●				17.877	9.33	5.76	4.4	0.8	
APKT11T304-PR		●	●	●	●			12.24	6.5	3.6	2.8	0.4	
APKT11T308-PR		●	●	●	●			12.24	6.5	3.6	2.8	0.8	
APKT11T312-PR		●	●	●	●			12.24	6.5	3.6	2.8	1.2	
APKT11T316-PR		●	●	●	●			12.24	6.5	3.6	2.8	1.36	
APKT160408-PR		●	●	●	●			17.877	9.33	5.76	4.4	0.8	
APKT11T304-LH						●		12.24	6.5	3.6	2.8	0.4	
APKT11T308-LH						●		12.24	6.5	3.6	2.8	0.8	
APKT11T312-LH						●		12.24	6.5	3.6	2.8	1.2	
APKT11T316-LH						●		12.24	6.5	3.6	2.8	1.36	
APKT160408-LH						●		17.877	9.33	5.76	4.4	0.8	

规格 / 型号 Model	NCM120	NCM325	NCM335	NCM320K	PC230	PC240	PC3530	PC9530	PC215K	H01	H101	H102	KC25	PP30	PC35	刀片形状 Insert Shape	尺寸 Size(mm) L1	L2	S1	d	Re	
APXT11T3PDR-MA										●							11.3	6.6	3.6	2.85	0.5	KORLOY（柯洛依）
APXT11T3PDSR-MF		●	●	●			●	●	●								11.3	6.6	3.6	2.85	0.5	
APXT11T3PDSR-MR		●			●												11.3	6.6	3.6	2.85	0.5	
APXT1604PDSR-MF	●	●	●	●			●	●									16.5	9.56	5.76	4.5	0.8	
APXT11T3PDSR-MM	●	●	●	●	●	●	●	●									11.3	6.6	3.6	2.85	0.5	
APXT11T312R-MM		●	●		●												11.3	6.6	3.6	2.85	1.2	
APXT1604PDSR-MM	●	●	●	●	●	●	●	●	●								16.5	9.56	5.76	4.5	0.8	
APXT160416R-MM		●	●		●												16.5	9.56	5.76	4.5	1.6	
APXT160432R-MM		●															16.5	9.56	5.76	4.5	3.2	
APKT160402-MA											●★	●				同上	16.4	9.525	4.76	-	0.2	AKEN（亚肯）
APMT1135PDER-MA2														●★			11	6.35	3.5	1.2	0.8	
APMT1604PDER-MA2																	16.5	9.525	4.76	1.7	0.8	
APKT1604PDER-HA2											●★	●					17.877	9.33	5.76	-	0.8	
APKT1604PDER-MA2											●★						16.5	9.525	4.76	1.4	0.8	

EMR 4R 通用型圆鼻立铣刀杆 EMR 4R UNIVERSAL ROUND NOSE END MILL






P.F102


P.J30


P.J32



规格 / 型号 Model	刃数 Teeth	a	D	C	L1	L	适配刀片 Insert	压板 Piece	螺钉 Clamp scrwe	扳手 Wrench
EMR-4R-10-100-C10-1T	1	4	10	10	35	100	RPMW0802 M0 RPMT08T2 RDMT08T2	A-4R	M3×7	T8 T10
EMR-4R-10-130-C10-1T	1	4	10	10	35	130				
EMR-4R-10-150-C10-1T	1	4	10	10	35	150				
EMR-4R-11-100-C10-1T	1	4	11	10	35	100				
EMR-4R-11-130-C10-1T	1	4	11	10	35	130				
EMR-4R-11-150-C10-1T	1	4	11	10	35	150				
EMR-4R-12-100-C12-1T	1	4	12	12	35	100				
EMR-4R-12-120-C12-1T	1	4	12	12	35	120				
EMR-4R-12-130-C12-1T	1	4	12	12	35	130				
EMR-4R-12-150-C12-1T	1	4	12	12	35	150				
EMR-4R-13-100-C12-1T	1	4	13	12	35	100				
EMR-4R-13-120-C12-1T	1	4	13	12	35	120				
EMR-4R-13-130-C12-1T	1	4	13	12	35	130				
EMR-4R-13-150-C12-1T	1	4	13	12	35	150				
EMR-4R-16-150-C15-2T	2	4	16	15	40	150				
EMR-4R-16-200-C15-2T	2	4	16	15	40	200				
EMR-4R-16-250-C15-2T	2	4	16	15	40	250				
EMR-4R-16-300-C15-2T	2	4	16	15	40	300				
EMR-4R-16-150-C15.6-2T	2	4	16	15.6	40	150				
EMR-4R-16-200-C156.-2T	2	4	16	15.6	40	200				
EMR-4R-16-250-C15.6-2T	2	4	16	15.6	40	250				
EMR-4R-16-300-C15.6-2T	2	4	16	15.6	40	300				
EMR-4R-16-120-C16-2T	2	4	16	16	40	120				
EMR-4R-16-150-C16-2T	2	4	16	16	40	150				
EMR-4R-16-200-C16-2T	2	4	16	16	40	200				
EMR-4R-16-250-C16-2T	2	4	16	16	40	250				
EMR-4R-16-300-C16-2T	2	4	16	16	40	300				
EMR-4R-17-120-C16-2T	2	4	17	16	40	120				
EMR-4R-17-150-C16-2T	2	4	17	16	40	150				
EMR-4R-17-200-C16-2T	2	4	17	16	40	200				
EMR-4R-17-250-C16-2T	2	4	17	16	40	250				
EMR-4R-17-300-C16-2T	2	4	17	16	40	300				
EMR-4R-20-150-C19-2T	2	4	20	19	40	150				
EMR-4R-20-200-C19-2T	2	4	20	19	40	200				
EMR-4R-20-250-C19-2T	2	4	20	19	40	250				
EMR-4R-20-300-C19-2T	2	4	20	19	40	300				
EMR-4R-20-120-C20-2T	2	4	20	20	40	120				
EMR-4R-20-150-C20-2T	2	4	20	20	40	150				
EMR-4R-20-160-C20-2T	2	4	20	20	40	160				
EMR-4R-20-200-C20-2T	2	4	20	20	40	200				
EMR-4R-20-250-C20-2T	2	4	20	20	40	250				
EMR-4R-20-300-C20-2T	2	4	20	20	40	300				
EMR-4R-21-150-C20-2T	2	4	21	20	40	150				
EMR-4R-21-160-C20-2T	2	4	21	20	40	160				
EMR-4R-21-200-C20-2T	2	4	21	20	40	200				
EMR-4R-21-250-C20-2T	2	4	21	20	40	250				
EMR-4R-21-300-C20-2T	2	4	21	20	40	300				
EMR-4R-25-160-C25-2T	2	4	25	25	40	160				

EMR 5R 圆鼻立铣刀杆 EMR 5R ROUND DOWEL END MILL

规格 / 型号 Model	刃数 Teeth	a	D	C	L1	L	适配刀片 Insert	压板 Piece	螺钉 Clamp scrwe	扳手 Wrench
EMR-5R-20-150-C19-2T	2	5	20	19	45	150	RPMW1003 MO	A-6R	M4×10	T15
EMR-5R-20-160-C19-2T	2	5	20	19	45	160				
EMR-5R-20-200-C19-2T	2	5	20	19	45	200				
EMR-5R-20-150-C20-2T	2	5	20	20	45	150				
EMR-5R-20-200-C20-2T	2	5	20	20	45	200				
EMR-5R-20-250-C20-2T	2	5	20	20	45	250				
EMR-5R-21-150-C20-2T	2	5	21	20	45	150				
EMR-5R-21-200-C20-2T	2	5	21	20	45	200				
EMR-5R-25-150-C20-2T	2	5	25	20	45	150				
EMR-5R-25-200-C20-2T	2	5	25	20	45	200				
EMR-5R-25-150-C24-2T	2	5	25	24	45	150				
EMR-5R-25-200-C24-2T	2	5	25	24	45	200				
EMR-5R-25-250-C24-2T	2	5	25	24	45	250				
EMR-5R-25-300-C24-2T	2	5	25	24	45	300				
EMR-5R-25-350-C24-2T	2	5	25	24	45	350				
EMR-5R-25-150-C25-2T	2	5	25	25	45	150				
EMR-5R-25-200-C25-2T	2	5	25	25	45	200				
EMR-5R-25-250-C25-2T	2	5	25	25	45	250				
EMR-5R-25-300-C25-2T	2	5	25	25	45	300				
EMR-5R-25-350-C25-2T	2	5	25	25	45	350				
EMR-5R-26-150-C25-2T	2	5	26	25	45	150				
EMR-5R-26-200-C25-2T	2	5	26	25	45	200				
EMR-5R-25-250-C20-2T	2	5	25	20	45	250				
EMR-5R-25-250-C24-2T	2	5	25	24	45	250				
EMR-5R-25-250-C25-2T	2	5	25	25	45	250				
EMR-5R-26-200-C25-2T	2	5	26	25	45	200				
EMR-5R-30-110-C20-2T	2	5	30	20	45	110				
EMR-5R-30-150-C25-2T	2	5	30	25	45	150				
EMR-5R-30-200-C25-2T	2	5	20	25	45	200				
EMR-5R-30-250-C25-2T	2	5	30	25	45	250				
EMR-5R-30-300-C25-2T	2	5	30	25	45	300				
EMR-5R-30-350-C25-2T	2	5	30	25	45	350				
EMR-5R-32-150-C32-3T	3	5	32	32	45	150				
EMR-5R-32-200-C32-3T	3	5	32	32	45	200				
EMR-5R-32-250-C32-3T	3	5	32	32	45	250				
EMR-5R-33-150-C32-3T	3	5	33	32	45	150				
EMR-5R-33-200-C32-3T	3	5	33	32	45	200				
EMR-5R-35-150-C32-3T	3	5	35	32	45	150				
EMR-5R-35-200-C32-3T	3	5	35	32	45	200				
EMR-5R-35-250-C32-3T	3	5	35	32	45	250				
EMR-5R-35-300-C32-3T	3	5	35	32	45	300				
EMR-5R-35-350-C32-3T	3	5	35	32	45	350				
EMR-5R-35-400-C32-3T	3	5	35	32	45	400				
EMR-5R-35-450-C32-3T	3	5	35	32	45	450				
EMR-5R-35-500-C32-3T	3	5	35	32	45	500				
EMR-5R-40-160-C32-3T	3	5	40	32	45	160				
EMR-5R-40-200-C32-3T	3	5	40	32	45	200				
EMR-5R-40-250-C32-3T	3	5	40	32	45	250				
EMR-5R-40-300-C32-3T	3	5	40	32	45	300				
EMR-5R-40-350-C32-3T	3	5	40	32	45	350				
EMR-5R-40-150-C32-4T	4	5	40	32	45	150				
EMR-5R-40-200-C32-4T	4	5	40	32	45	200				
EMR-5R-40-250-C32-4T	4	5	40	32	45	250				
EMR-5R-40-300-C32-4T	4	5	40	32	45	300				
EMR-5R-40-350-C32-4T	4	5	40	32	45	350				

特点:

◎采用抗震性工具钢材质

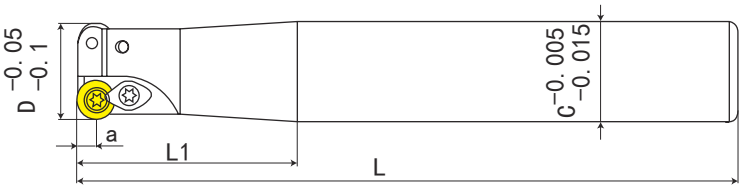
◎整体预硬后，再行精修，避免二次所产生应变

Features:

◎ Using tool steel material vibration resistance.
◎ Overall after hard,any refinement,avoid secondary produced by the strain.

TRS 5R 圆鼻立铣刀杆 TRS 5R ROUND DOWEL END MILL






P.F102


P.J30

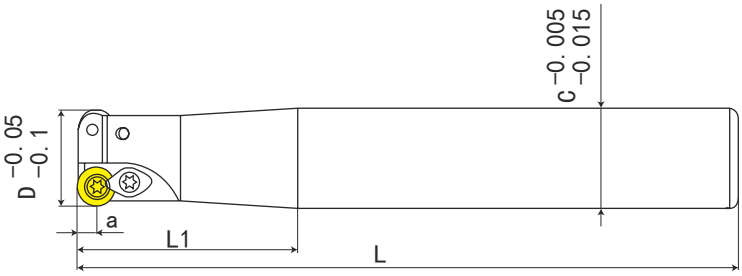

P.J32



规格 / 型号 Model	刃数 Teeth	a	D	C	L1	L	适配刀片 Insert	压板 Piece	螺钉 Clamp scrwe	扳手 Wrench
TRS-5R-20-150-C19-2T	2	5	20	19	45	150	RDMT 10T3	A-5R	M4*9 M3.5*10	T15
TRS-5R-20-200-C19-2T	2	5	20	19	45	200				
TRS-5R-20-150-C20-2T	2	5	20	20	45	150				
TRS-5R-20-200-C20-2T	2	5	20	20	45	200				
TRS-5R-20-250-C20-2T	2	5	20	20	45	250				
TRS-5R-21-150-C20-2T	2	5	21	20	45	150				
TRS-5R-21-200-C20-2T	2	5	21	20	45	200				
TRS-5R-25-150-C20-2T	2	5	25	20	45	150	RDMT10T3	A-6R	M4×9	T15
TRS-5R-25-200-C20-2T	2	5	25	20	45	200				
TRS-5R-25-150-C24-2T	2	5	25	24	45	150				
TRS-5R-25-200-C24-2T	2	5	25	24	45	200				
TRS-5R-25-250-C24-2T	2	5	25	24	45	250				
TRS-5R-25-300-C24-2T	2	5	25	24	45	300				
TRS-5R-25-350-C24-2T	2	5	25	24	45	350				
TRS-5R-25-150-C25-2T	2	5	25	25	45	150				
TRS-5R-25-200-C25-2T	2	5	25	25	45	200				
TRS-5R-25-250-C25-2T	2	5	25	25	45	250				
TRS-5R-25-300-C25-2T	2	5	25	25	45	300				
TRS-5R-25-350-C25-2T	2	5	25	25	45	350				
TRS-5R-26-150-C25-2T	2	5	26	25	45	150				
TRS-5R-26-200-C25-2T	2	5	26	25	45	200				
TRS-5R-26-250-C25-2T	2	5	26	25	45	250				
TRS-5R-30-110-C20-2T	2	5	30	20	45	110				
TRS-5R-30-150-C25-2T	2	5	30	25	45	150				
TRS-5R-30-200-C25-2T	2	5	30	25	45	200				
TRS-5R-30-250-C25-2T	2	5	30	25	45	250				
TRS-5R-30-300-C25-2T	2	5	30	25	45	300				
TRS-5R-30-350-C25-2T	2	5	30	25	45	350				
TRS-5R-32-150-C32-3T	3	5	32	32	45	150				
TRS-5R-32-200-C32-3T	3	5	32	32	45	200				
TRS-5R-32-250-C32-3T	3	5	32	32	45	250				
TRS-5R-33-150-C32-3T	3	5	33	32	45	150				
TRS-5R-33-200-C32-3T	3	5	33	32	45	200				
TRS-5R-35-150-C32-3T	3	5	35	32	45	150				
TRS-5R-35-200-C32-3T	3	5	35	32	45	200				
TRS-5R-35-250-C32-3T	3	5	35	32	45	250				
TRS-5R-35-300-C32-3T	3	5	35	32	45	300				
TRS-5R-35-350-C32-3T	3	5	35	32	45	350				
TRS-5R-35-400-C32-3T	3	5	35	32	45	400				
TRS-5R-35-450-C32-3T	3	5	35	32	45	450				
TRS-5R-35-500-C32-3T	3	5	35	32	45	500				
TRS-5R-40-160-C32-3T	3	5	40	32	45	160				
TRS-5R-40-200-C32-3T	3	5	40	32	45	200				
TRS-5R-40-250-C32-3T	3	5	40	32	45	250				
TRS-5R-40-300-C32-3T	3	5	40	32	45	300				
TRS-5R-40-350-C32-3T	3	5	40	32	45	350				
TRS-5R-40-150-C32-4T	4	5	40	32	45	150				
TRS-5R-40-200-C32-4T	4	5	40	32	45	200				
TRS-5R-40-250-C32-4T	4	5	40	32	45	250				
TRS-5R-40-300-C32-4T	4	5	40	32	45	300				
TRS-5R-40-350-C32-4T	4	5	40	32	45	350				

EMRW R5 圆鼻立铣刀 EMRW ROUND DOWEL END MILL

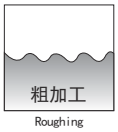





P.F102


P.J30


P.J32


粗加工 Roughing


挖掘加工 Pocket milling


槽、切入加工 Sloot plunge milling

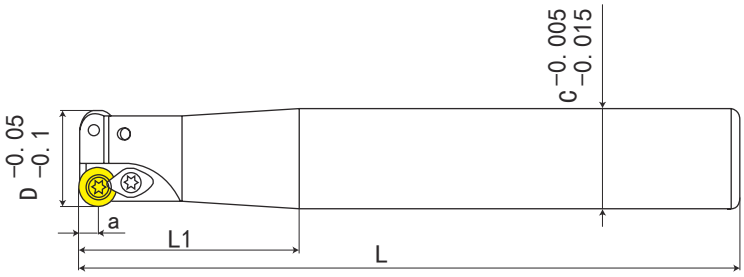

台阶面加工 Shoulder milling


仿形加工 Copy milling

规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)					刀片 Insert	压板 Piece	螺钉 Screw	扳手 Wrench
		D	C	L	L1	a				
EMRW-5R-20-C19-150-2T	2	20	19	150	45	5	RPMT10T3	A-5R	M4*9 M3.5*10	T15
EMRW-5R-20-C19-200-2T	2	20	19	200	45	5				
EMRW-5R-20-C20-150-2T	2	20	20	150	45	5				
EMRW-5R-20-C20-200-2T	2	20	20	200	45	5				
EMRW-5R-20-C20-250-2T	2	20	20	250	45	5				
EMRW-5R-21-C20-150-2T	2	21	20	150	45	5				
EMRW-5R-21-C20-200-2T	2	21	20	200	45	5				
EMRW-5R-25-C20-150-2T	2	25	20	150	45	5	RPMT10T3	A-6R	M4*9	T15
EMRW-5R-25-C20-200-2T	2	25	20	200	45	5				
EMRW-5R-25-C24-150-2T	2	25	24	150	45	5				
EMRW-5R-25-C24-200-2T	2	25	24	200	45	5				
EMRW-5R-25-C24-250-2T	2	25	24	250	45	5				
EMRW-5R-25-C24-300-2T	2	25	24	300	45	5				
EMRW-5R-25-C24-350-2T	2	25	24	350	45	5				
EMRW-5R-25-C25-150-2T	2	25	25	150	45	5				
EMRW-5R-25-C25-200-2T	2	25	25	200	45	5				
EMRW-5R-25-C25-250-2T	2	25	25	250	45	5				
EMRW-5R-25-C25-300-2T	2	25	25	300	45	5				
EMRW-5R-25-C25-350-2T	2	25	25	350	45	5				
EMRW-5R-26-C25-150-2T	2	26	25	150	45	5				
EMRW-5R-26-C25-200-2T	2	26	25	200	45	5				
EMRW-5R-30-C20-110-2T	2	30	20	110	45	5				
EMRW-5R-30-C25-150-2T	2	30	25	150	45	5				
EMRW-5R-30-C25-200-2T	2	30	25	200	45	5				
EMRW-5R-30-C25-250-2T	2	30	25	250	45	5				
EMRW-5R-30-C25-300-2T	2	30	25	300	45	5				
EMRW-5R-30-C25-350-2T	2	30	25	350	45	5				
EMRW-5R-32-C32-150-3T	3	32	32	150	45	5				
EMRW-5R-32-C32-200-3T	3	32	32	200	45	5				
EMRW-5R-32-C32-250-3T	3	32	32	250	45	5				
EMRW-5R-33-C32-150-3T	3	33	32	150	45	5				
EMRW-5R-33-C32-200-3T	3	33	32	200	45	5				
EMRW-5R-35-C32-150-3T	3	35	32	150	45	5				
EMRW-5R-35-C32-200-3T	3	35	32	200	45	5				
EMRW-5R-35-C32-250-3T	3	35	32	250	45	5				
EMRW-5R-35-C32-300-3T	3	35	32	300	45	5				
EMRW-5R-35-C32-350-3T	3	35	32	350	45	5				
EMRW-5R-35-C32-400-3T	3	35	32	400	45	5				
EMRW-5R-35-C32-450-3T	3	35	32	450	45	5				
EMRW-5R-35-C32-500-3T	3	35	32	500	45	5				
EMRW-5R-40-C32-150-3T	3	40	32	150	45	5				
EMRW-5R-40-C32-200-3T	3	40	32	200	45	5				
EMRW-5R-40-C32-250-3T	3	40	32	250	45	5				
EMRW-5R-40-C32-300-3T	3	40	32	300	45	5				
EMRW-5R-40-C32-350-3T	3	40	32	350	45	5				

EMR TRS EMRW R6 通用型圆鼻立铣刀 EMR TRS EMRW R6 UNIVERSAL ROUND DOWEL END MILL

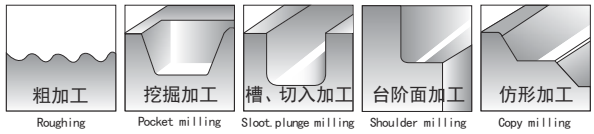





P.F102

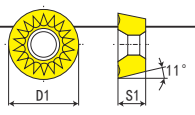
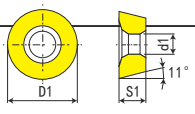

P.J30


P.J32



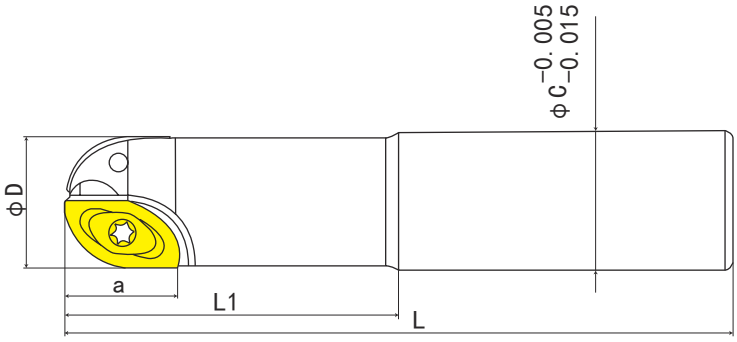
规格 / 型号 Model	刃数 Teeth	a	D	C	L1	L	适配刀片 Insert	压板 Piece	螺钉 Clamp scrwe	扳手 Wrench
EMR-6R-25-C24-150-2T	2	6	25	25	45	150	RDKT1204 RDMW1204 RPMW1204 RDMT1204 RPMT1204	A-6R	M4×10	T15
EMR-6R-25-C24-200-2T	2	6	25	25	45	200				
EMR-6R-25-C25-150-2T	2	6	25	25	45	150				
EMR-6R-25-C25-200-2T	2	6	25	25	45	200				
EMR-6R-26-C25-150-2T	2	6	26	25	45	150				
EMR-6R-26-C25-200-2T	2	6	26	25	45	200				
EMR-6R-30-C25-150-2T	2	6	30	25	45	150				
EMR-6R-30-C25-200-2T	2	6	30	25	45	200				
EMR-6R-32-C25-150-2T	2	6	32	25	45	150				
EMR-6R-32-C25-200-2T	2	6	32	25	45	200				
EMR-6R-32-C25-250-2T	2	6	32	25	45	250				
EMR-6R-32-C32-150-3T	3	6	32	32	45	150				
EMR-6R-32-C32-200-3T	3	6	32	32	45	200				
EMR-6R-32-C32-250-3T	3	6	32	32	45	250				
EMR-6R-32-C32-300-3T	3	6	32	32	45	300				
EMR-6R-33-C32-150-3T	3	6	33	32	45	150				
EMR-6R-33-C32-200-3T	3	6	33	32	45	200				
EMR-6R-33-C32-250-3T	3	6	33	32	45	250				
EMR-6R-33-C32-300-3T	3	6	33	32	45	300				
EMR-6R-35-C32-150-3T	3	6	35	32	45	150				
EMR-6R-35-C32-200-3T	3	6	35	32	45	200				
EMR-6R-35-C32-250-3T	3	6	35	32	45	250				
EMR-6R-35-C32-300-3T	3	6	35	32	45	300				
EMR-6R-35-C32-350-3T	3	6	35	32	45	350				
EMR-6R-35-C32-400-3T	3	6	35	32	45	400				
EMR-6R-40-C32-150-3T	3	6	40	32	45	150				
EMR-6R-40-C32-200-3T	3	6	40	32	45	200				
EMR-6R-40-C32-250-3T	3	6	40	32	45	250				
EMR-6R-40-C32-300-3T	3	6	40	32	45	300				
EMR-6R-40-C32-350-3T	3	6	40	32	45	350				
EMR-6R-40-C32-400-3T	3	6	40	32	45	400				

可配用刀片 INSERTS

规格 / 型号 Model	F7030	F620	VP15TF	NX4545	UT120T	TN100M	PR510	PR660	PP730	KW10	H101	H102	KC25	PP30	PC35	刀片形状 Insert shape	尺寸 Size(mm) D1	S1	排屑槽	
RPMT1204MOE-JS	●	●★	●★														12	4.76	有	MITSUBISHI (三菱)
RPMT1204MO							●	●	●	●							12	4.76	有	KYOCERA (京瓷)
1204MO-H						●	●	●	●	●							12	4.76	有	
RPMW1204MOE	●	●		●	●	●											12	4.76	无	MITSUBISHI (三菱)
1204MOT			●														12	4.76	无	

BCF/BCFL 球形立铣刀 BCF/BCFL COPY END MILL






P.F102


P.J30


P.J32



规格 / 型号 Model	尺寸 Size(mm)					适用刀片 Applicable Inserts			螺钉 Screw	扳手 Wrench
	D	C	L	L1	a	亲刃	子刃	外周刃		
BCFL-10R-150-C20	20	20	150	70		ZCEW/T100CE	ZCEW/T100SE	CPMT080204	M3*9.5 M2.5*6	T10/T8
BCFL-10R-150-C25	20	25	150	70						
BCFL-10R-200-C25	20	25	200	80						
BCFL-10R-250-C25	20	25	250	80						
BCFL-10R-300-C32	20	32	300	80						
BCFL-12.5R-150-C25	25	25	150	100						
BCFL-12.5R-200-C25	25	25	200	150						
BCFL-12.5R-200-C32	25	32	200	150						
BCFL-12.5R-250-C32	25	32	250	150						
BCFL-12.5R-300-C32	25	32	300	150						
BCFL-15R-160-C32	30	32	160	150						
BCFL-15R-200-C32	30	32	200	-						
BCFL-15R-250-C32	30	32	250	70						
BCFL-15R-300-C32	30	32	300	70		ZCEW/T125CE	ZCEW/T125SE	CPMT090308	M4*9 M4*11	T15
BCFL-15R-350-C32	30	32	350	80						
BCFL-16R-160-C32	32	32	160	80						
BCFL-16R-200-C32	32	32	200	80						
BCFL-16R-250-C32	32	32	250	100						
BCFL-16R-300-C32	32	32	300	150						
BCFL-16R-350-C32	32	32	350	150						
BCFL-20R-200-C42	40	42	200	150						
BCFL-20R-250-C42	40	42	250	-						
BCFL-20R-300-C42	40	42	300	80						
BCFL-20R-350-C42	40	42	350	100						
BCFL-20R-200-MT5	40	MT5	200	100		ZCEW/T250CE	ZCEW/T250SE	CPMT120408	M6*18 M5*12	T20 T15
BCFL-20R-250-MT5	40	MT5	250	150						
BCFL-25R-200-C50.8	50	50.8	200	200						
BCFL-25R-250-C50.8	50	50.8	250	-						
BCFL-25R-300-C50.8	50	50.8	300	80						
BCFL-25R-350-C50.8	50	50.8	350	100						
BCFL-25R-400-C50.8	50	50.8	400	150						
BCFL-25R-200-MT5	50	MT5	200	100						
BCFL-25R-250-MT5	50	MT5	250	150						

特点：

◎采用抗震性工具钢材质

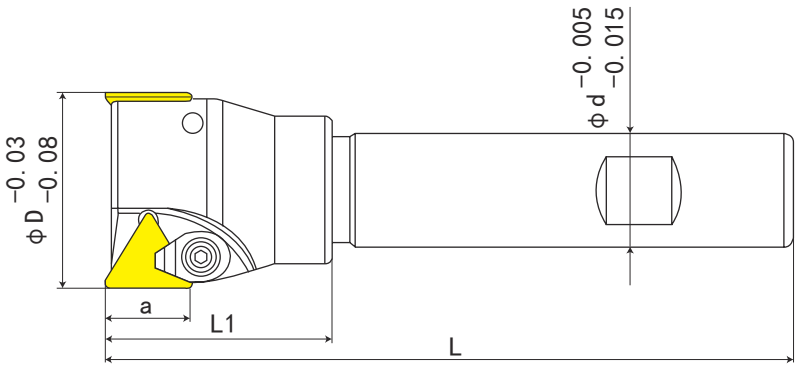
◎整体预硬后，再行精修，避免二次所产生应变

Features:

◎ Using tool steel material vibration resistance.
◎ Overall after hard,any refinement,avoid secondary produced by the strain.

TP 台肩壳形铣刀 TP SHOULDER FACE MILL



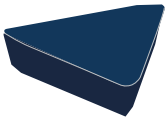



P.F102

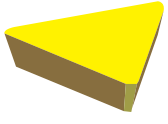

P.J30

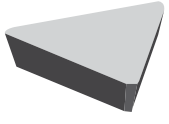

P.J32

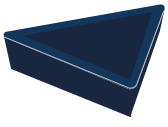
规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)					刀片 Insert	压板 Piece	螺钉 Screw	扳手 Wrench
		D	C	L	L1	a				
TP16-30-C20-100-2T	2	30	20	100	45	14	TPMN1603 TPKN1603	AMS-4	M4*10	T15
TP16-32-C20-100-2T	2	32	20	100	45	14				
TP16-35-C20-100-2T	2	35	20	100	45	14				
TP16-35-C25-110-2T	2	35	25	110	45	14				
TP16-40-C20-110-3T	3	40	20	110	45	14				
TP16-40-C25-110-3T	3	40	25	110	45	14				
TP16-40-C25-110-3T	3	40	25	110	45	14				
TP22-50-C20-110-3T	3	50	20	110	42	20				
TP22-50-C25-110-3T	3	50	25	110	42	20				
TP22-50-C32-115-3T	3	50	32	115	42	20	TPMN2204 TPKN2204 XPKR220412 XPKN220408	CSY-20	M5*11	T20
TP22-63-C20-115-4T	4	63	20	115	42	20				
TP22-63-C25-115-4T	4	63	25	115	42	20				
TP22-63-C32-115-4T	4	63	32	115	42	20				
TP22-80-C20-120-5T	5	80	20	120	42	20				
TP22-80-C25-120-5T	5	80	25	120	42	20				
TP22-80-C32-120-5T	5	80	32	120	42	20				

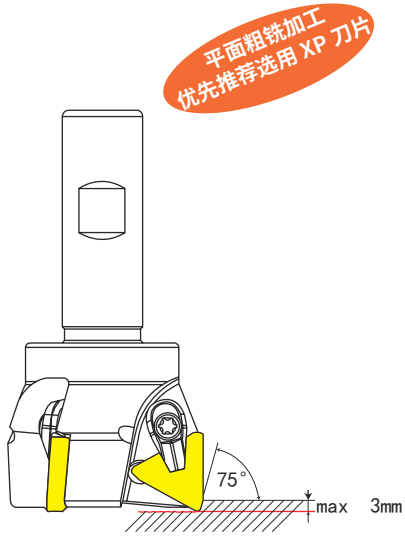

XPKR 220412
铸铁用 材质 KC25

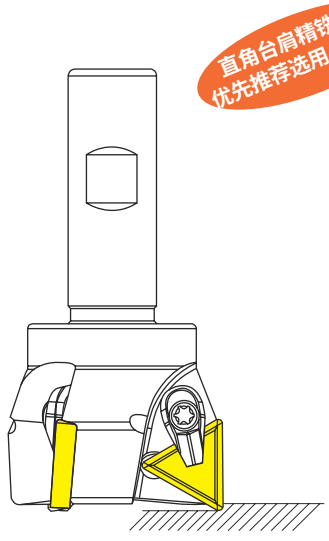

XPKN 220412
钢用 材质 PP30


TPKN 2204PDR
钢用 材质 PP20


TPKN 2204PDR
钢用 材质 PJ20


TPKN 220408
钢用 材质 PP30

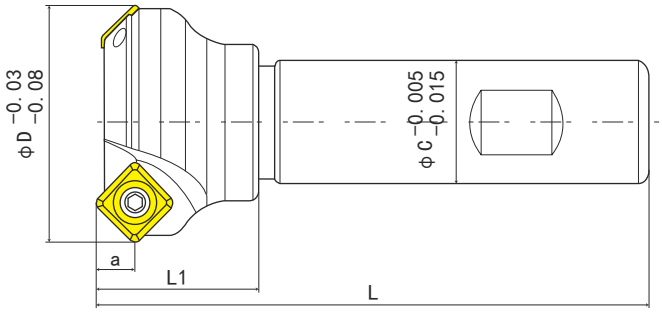




可转位铣刀杆系列 MILLING CUTTERS

KM45°立铣刀 KM45° END MILL






P.F102


P.J30

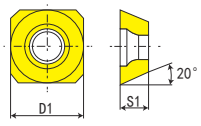

P.J32

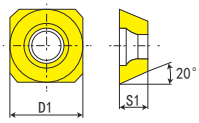




规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm) D	C	L	L1	a	刀片 Insert	螺钉 Screw	扳手 Wrench
KM09-25-C20-120-2T	2	25	20	120	-	4.5	SEEX09T3	M3*7	T8
KM09-25-C25-120-2T	2	25	25	120	32	4.5			
KM09-32-C25-120-2T	2	32	25	120	-	4.5			
KM09-32-C32-120-2T	2	32	32	120	32	4.5			
KM12-32-C20-120-2T	2	32	20	120	-	6	SEHT1204	M5*11	T20
KM12-32-C25-120-2T	2	32	25	120	-	6			
KM12-32-C32-120-2T	2	32	32	120	-	6			
KM12-40-C20-120-3T	3	40	20	120	-	6			
KM12-40-C25-120-3T	3	40	25	120	-	6			
KM12-40-C32-120-3T	3	40	32	120	-	6			
KM12-50-C25-120-4T	4	50	25	120	35	6	建议用环保节能型		
KM12-50-C32-120-4T	4	50	32	120	35	6			
KM12-63-C25-120-4T	4	63	25	120	35	6			
KM12-63-C32-120-4T	4	63	32	120	35	6			

可配用刀片 INSERTS

规格 / 型号 Model	WAP25	WAP35	WTP35	WXP45	WPM	WXM35	WAK15	WAK25	WKM	WK10	NCM325	PC3535	PC9350	PC6510	PC230	CN30	H01	刀片形状 Insert shape	尺寸 Size(mm) D1	S1	排屑槽	
SEHT 1204AFN		●	●	●		●				●									12.7	4.76	有	WALTER（瓦尔特）
1204AFN-K88										●									12.7	4.76	有	
SEHW 1204AFN	●	●	●		●	●	●	●	●										12.7	4.76	无	
SECA 1204AFSN											●	●							12.7	4.76	无	KORLOY（刀片）
1204AFTN													●		●	●			12.7	4.76	无	
1204AFFN														●					12.7	4.76	无	
1204AFEN											●								12.7	4.76	无	
SEHT 1204AFFN-M																	●		12.7	4.76	无	

规格 / 型号 Model	H101	H102	KC25	PP30	PC35	PTE25	PFZ	MP91M	PMG	GH1	SK10	刀片形状 Insert shape	尺寸 Size(mm) D1	S1	排屑槽	
SEET 1204AFSN-M01						●							12.7	4.76	有	STELLRAM（使特龙）
1204AFFN-F01									●				12.7	4.76	有	
SEHT 1204AF4B							●	●					12.7	4.76	有	
1204AFFN										●			12.7	4.76	有	
SEHW 1204AFN											●		12.7	4.76	无	

特点：

◎采用抗震性工具钢材质

◎整体预硬后，再行精修，避免二次所产生应变

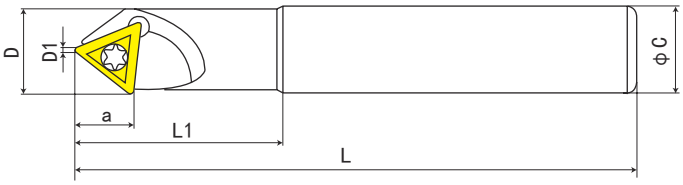
Features:

◎ Using tool steel material vibration resistance.

◎ Overall after hard,any refinement,avoid secondary produced by the strain.

SSP45°定位倒角刀　SSP45°　SPOT CHAMFER MILL






P.F102


P.J30


P.J32



规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)					倒角范围 Chamfering range	刀片 Insert	螺钉 Screw	扳手 Wrench
		D	C	L	L1	a				
SSP12-12-130-1T	1	12	12	130	20	7.3		TCMX1104	M2.*6	T8
SSP20-20-130-1T	1	20	20	130	20	11.3	0-20	TCMX16T3	M4*9	T15
SSP20-20-150-1T	1	20	20	130	20	11.3				
SSP20-20-200-1T	1	20	20	130	20	11.3				
SSP25-20-130-1T	1	25	20	130	20	11.3				
SSP30-20-130-1T	1	30	20	130	20	11.3				
SSP35-25-130-1T	1	32	25	150	20	11.3				

特点：

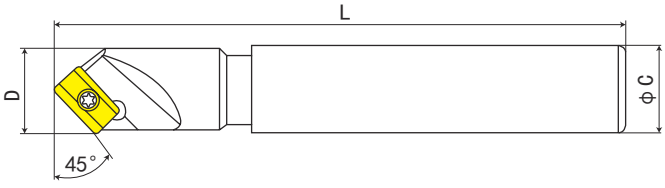
◎本铣刀可 45°切削，亦可做倒角，可中心定位钻使用。适合一般铣床，CNC 铣床，CNC 车刀，钻床倒角。

Features:

◎ The cutter can be 45 ° cutting.can also do the chamfer,it can locate center drill is used.Suitable for general milling machine,CNC milling machine.CNC lathe tool,drill chamfering.

SSK45°舍弃式倒角刀　SSK45°　THORW-AWAY CHAMFER MILL

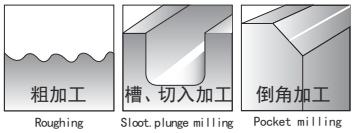





P.F102


P.J30


P.J32



规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)			倒角范围 Chamfering range	刀片 Insert	螺钉 Screw	扳手 Wrench
		D	C	L				
SSK16-12-120-1T	1	16	12	120	3-20	ADNT160308	M4*9	T15
SSK16-16-120-1T	1	16	16	120				
SSK20-20-130-1T	1	20	20	130				
SSK20-20-150-1T	1	20	20	150				

特点：

◎本铣刀可 45°切削，亦可做倒角。适合一般铣床，综合切削中心机。

Features:

◎ The cutter can be 45 ° cutting，can also do the chamfer,Suitable for general milling machine,cutting machine center.

TP45°倒角刀 TP45° CHAMFERING CUTTER



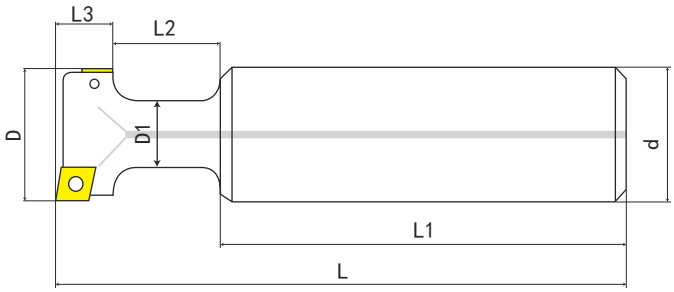
规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)			倒角范围 Chamfering range	刀片 Insert	螺钉 Screw	扳手 Wrench
		D	C	L				
TP45° -20-C20-120-1T	1	20	20	120				
TP45° -30-C20-120-2T	2	30	20	120				
TP45° -32-C20-130-2T	2	32	20	130				



规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)			倒角范围 Chamfering range	刀片 Insert	螺钉 Screw	扳手 Wrench
		D	C	L				
SD45° -25-C20-120-2T	2	25	20	120		SDMB26152		
SD45° -32-C20-120-2T	2	32	20	120				

ATS T 型槽端铣刀 ATS T-SLOTS END MILL





规格 / 型号 Model	刃数 No.of flutes	尺寸 Size(mm)						刀片 Insert	螺钉 Screw	扳手 Wrench
		D	C	L	L1	L2	L3			
ATS20-C16-120-2T-06	2	20	16	120	可根据客户要求定做			CCMT060204 CCMT080304 CCMT09T308 CCMT120408	M2.5-6.0-3.5-60 M3-8.0-4.5-60 M4-10-5.7-60 M5-11-7.5-60	T8 T9 T15 T20
ATS25-C25-120-2T-06	2	25	25	120						
ATS30-C25-120-4T-06	4	30	25	120						
ATS32-C25-120-4T-08	4	32	25	120						
ATS35-C32-120-4T-09	4	35	32	120						
ATS40-C32-120-4T-09	4	40	32	120						
ATS45-C32-120-4T-09	4	45	32	120						
ATS50-C32-120-4T-12	4	50	32	120						

刀片形状 Insert Shape	规格 / 型号 Model	材质 Grade	主要切削用途 Cutting Materials	d	i	s	r
	CCMT060204	OTL30	合金钢 Alloy Steel 不锈钢 Stainless steel 铸铁 Cast Steel	6.35	6.45	2.38	0.4
	CCMT060204	WTE20	合金钢 Alloy Steel 不锈钢 Stainless steel	6.35	6.45	2.38	0.4
	CCMT060208-HM	WTE25	合金钢 Alloy Steel 不锈钢 Stainless steel	6.35	6.45	2.38	0.8
	CCMT080304N-SC	AC2000	合金钢 Alloy Steel 不锈钢 Stainless steel	7.94	-	3.18	0.4
	CCMT09T308-HM	WTE25	合金钢 Alloy Steel 不锈钢 Stainless steel	9.52	9.57	3.97	0.8
	CCMT120408-HM	WTE25	合金钢 Alloy Steel 不锈钢 Stainless steel	12.70	12.9	4.76	0.8

特点：

◎采用抗震性工具钢材质

◎整体预硬后，再行精修，避免二次所产生应变

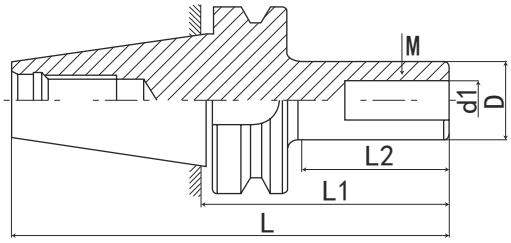
Features:

◎ Using tool steel material vibration resistance.
◎ Overall after hard,any refinement,avoid secondary produced by the strain.

可转位铣刀杆系列 MILLING CUTTERS

BT-MFT 锁牙式刀柄 BT-MFT SCREWED END MILLS HOLDER





规格 / 型号 Model	L	L1	L2	D	d1	M
BT30-MFT16-30-M8	130.4	65	30	15.6	8.5	M8
BT30-MFT16-60-M8	160.4	95	60	15.6	8.5	M8
BT30-MFT20-30-M10	130.4	65	30	19	10.5	M10
BT30-MFT20-60-M10	160.4	95	60	19	10.5	M10
BT30-MFT25-30-M12	130.4	65	30	24	12.5	M12
BT30-MFT25-60-M12	160.4	95	60	24	12.5	M12
BT30-MFT35-30-M16	130.4	65	30	31.8	17	M16
BT30-MFT35-60-M16	160.4	95	60	31.8	17	M16
BT40-MFT16-30-M8	130.4	65	30	15.6	8.5	M8
BT40-MFT16-60-M8	160.4	95	60	15.6	8.5	M8
BT40-MFT20-30-M10	130.4	65	30	19	10.5	M10
BT40-MFT20-60-M10	160.4	95	60	19	10.5	M10
BT40-MFT25-30-M12	130.4	65	30	24	12.5	M12
BT40-MFT25-60-M12	160.4	95	60	24	12.5	M12
BT40-MFT35-30-M16	130.4	65	30	31.8	17	M16
BT40-MFT35-60-M16	160.4	95	60	31.8	17	M16
BT50-MFT25-30-M12	130.4	65	30	24	12.5	M12
BT50-MFT25-60-M12	160.4	95	60	24	12.5	M12
BT50-MFT35-30-M16	130.4	65	30	31.8	17	M16
BT50-MFT35-60-M16	160.4	95	60	31.8	17	M16



特点：

◎高性能可换刀头和刚性刀柄的组合，在系长较长的加工中亦可有效抑制振动，与传统钢制刀杆相比加工效率提高了 2-5 倍。加工时间大大缩短，加工成本随之下降；

◎刀头的自由组合及其可换性，覆盖从粗加工到精加工的所有加工要求，对刀具的集约化管理具有划时代的意义；

◎由于刀柄和刀头采用螺纹连接，可在机床上迅速的更换刀头，降低生产成本。

Features:

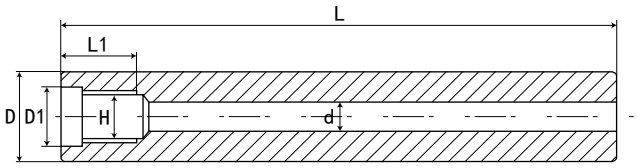
◎ The combination of a high-performance changeable end mill cutter and a rigid end mill holder also effectively suppresses vibrations in long time of work and improves machining efficiency by 2-5 times compared to conventional steel shanks. Processing time is greatly reduced, processing costs will decline

◎ The free combination and interchangeability of the cutting heads, covering all machining requirements from roughing to finishing, is of epoch-making significance for the intensive management of tools

◎ Because the holder and the cutter adopts threaded connection, can quickly replace the cutter on the machine head, reduce the production cost

钨钢锁牙式抗震刀杆 MFT CARBIDE SCREWED END MILLS HOLDER





规格 / 型号 Model	D	D1	d	L	L1	M
SYS-15M8-100L	15	8.5	5	100	13	M8*1.25P
SYS-15M8-150L	15	8.5	5	150	13	M8*1.25P
SYS-15M8-200L	15	8.5	5	200	13	M8*1.25P
SYS-15.6M8-100L	15.6	8.5	5	100	13	M8*1.25P
SYS-15.6M8-150L	15.6	8.5	5	150	13	M8*1.25P
SYS-15.6M8-200L	15.6	8.5	5	200	13	M8*1.25P
SYS-15.6M8-250L	15.6	8.5	5	250	13	M8*1.25P
SYS-16M8-100L	16	8.5	5	100	13	M8*1.25P
SYS-16M8-150L	16	8.5	5	150	13	M8*1.25P
SYS-16M8-200L	16	8.5	5	200	13	M8*1.25P
SYS-16M8-250L	16	8.5	5	250	13	M8*1.25P
SYS-16M8-300L	16	8.5	5	300	13	M8*1.25P
SYS-19M10-100L	19	10.5	6	100	13	M10*1.5P
SYS-19M10-150L	19	10.5	6	150	15	M10*1.5P
SYS-19M10-200L	19	10.5	6	200	15	M10*1.5P
SYS-19M10-250L	19	10.5	6	250	15	M10*1.5P
SYS-19M10-300L	19	10.5	6	300	15	M10*1.5P
SYS-19M10-350L	19	10.5	6	350	15	M10*1.5P
SYS-20M10-100L	20	10.5	6	100	15	M10*1.5P
SYS-20M10-150L	20	10.5	6	150	15	M10*1.5P
SYS-20M10-200L	20	10.5	6	200	15	M10*1.5P
SYS-20M10-250L	20	10.5	6	250	15	M10*1.5P
SYS-20M10-300L	20	10.5	6	300	15	M10*1.5P
SYS-20M10-350L	20	10.5	6	350	15	M10*1.5P
SYS-24M12-100L	24	12.5	7	100	17	M12*1.75P
SYS-24M12-150L	24	12.5	7	150	17	M12*1.75P
SYS-24M12-200L	24	12.5	7	200	17	M12*1.75P
SYS-24M12-250L	24	12.5	7	250	17	M12*1.75P
SYS-24M12-300L	24	12.5	7	300	17	M12*1.75P
SYS-24M12-350L	24	12.5	7	350	17	M12*1.75P
SYS-24M12-400L	24	12.5	7	400	17	M12*1.75P
SYS-25M12-100L	25	12.5	7	100	17	M12*1.75P
SYS-25M12-150L	25	12.5	7	150	17	M12*1.75P
SYS-25M12-200L	25	12.5	7	200	17	M12*1.75P
SYS-25M12-250L	25	12.5	7	250	17	M12*1.75P
SYS-25M12-300L	25	12.5	7	300	17	M12*1.75P
SYS-25M12-350L	25	12.5	7	350	17	M12*1.75P
SYS-25M12-400L	25	12.5	8	400	17	M12*1.75P
SYS-32M16-150L	32	17	8	150	20	M16*2.0P
SYS-32M16-200L	32	17	8	200	20	M16*2.0P
SYS-32M16-250L	32	17	8	250	20	M16*2.0P
SYS-32M16-300L	32	17	8	300	20	M16*2.0P
SYS-32M16-350L	32	17	8	350	20	M16*2.0P
SYS-32M16-400L	32	17	8	400	20	M16*2.0P
SYS-32M16-450L	32	17	8	450	20	M16*2.0P

特点：

◎使用高级碳化钨材质制成，刚性强、抗震性好；
◎延长加工深度、提升加工面精度，超深、超长、超高精度加工；
◎降低刀具成本，延长刀具寿命；
◎ 一杆多用，可更换各类锁牙头实现不同加工

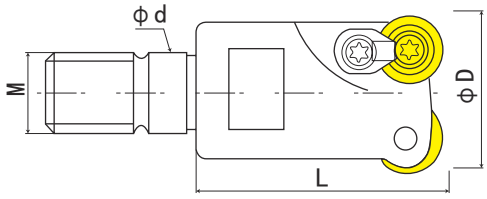
Features:

◎Made of high-grade tungsten carbide material, strong rigidity, good shock resistance
◎ Extend the depth of processing, improve the accuracy of processing surface, ultra deep, ultra long, ultra precision machining
◎ **Reduce tool cost and prolong tool life**
◎ **One lever for multiple uses, can replace various types of locking head to achieve different processing**

可转位铣刀杆系列 MILLING CUTTERS

EMRM 圆刃立铣刀头 CORNER ROUNDING END MILLS(EMRM)

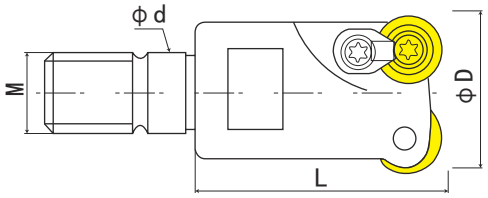




规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)				刀片 Insert	压板 Clamp	螺钉 Screw	扳手 Wrench
		D	d	L	M				
EMRM-4R16-2T-M8	2	16	8.5	25	M8	RP**0802MO	4R	M3*7	T8
EMRM-4R17-2T-M8	2	17	8.5	25	M8				
EMRM-4R20-2T-M10	2	20	10.5	30	M10				
EMRM-4R21-2T-M10	2	21	10.5	30	M10				
EMRM-5R25-2T-M12	2	25	12.5	35	M12	RP**W1003MO	5R	M4*9	T15
EMRM-5R26-2T-M12	2	26	12.5	35	M12				
EMRM-5R30-2T-M12	2	30	12.5	35	M12				
EMRM-5R35-3T-M16	3	35	17	43	M16				

TRSM 圆刃立铣刀头 CORNER ROUNDING END MILLS(TRSM)

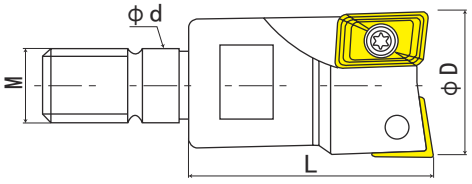




规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)				刀片 Insert	压板 Clamp	螺钉 Screw	扳手 Wrench
		D	d	L	M				
TRSM-4R16-2T-M8	2	16	8.5	25	M8	RD**0802MO	4R	M3*7	T8
TRSM-4R17-2T-M8	2	17	8.5	25	M8				
TRSM-4R20-2T-M10	2	20	10.5	30	M10				
TRSM-4R21-2T-M10	2	21	10.5	30	M10				
TRSM-5R25-2T-M12	2	25	12.5	35	M12	RD**10T3MO	5R	M4*9	T15
TRSM-5R26-2T-M12	2	26	12.5	35	M12				
TRSM-5R30-2T-M12	2	30	12.5	35	M12				
TRSM-5R35-3T-M16	3	35	17	43	M16				

JD0702 直角台肩立铣刀头 SHOULDER/CUTTING END MILLS (JD0702)

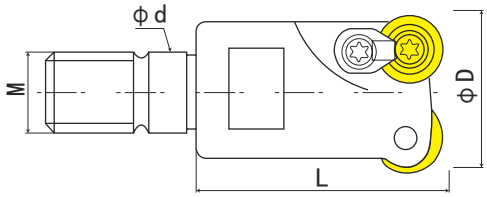




规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)				刀片 Insert	压板 Clamp	螺钉 Screw	扳手 Wrench
		D	d	L	M				
JD0702-8-1T-M4	1	8	4.5	15	M4	JD**0702	-	M1.8*4	T6
JD0702-9-1T-M4	1	9	4.5	15	M4				
JD0702-10-2T-M5	2	10	5.5	20	M5				
JD0702-11-2T-M5	2	11	5.5	20	M5				
JD0702-12-2T-M6	2	12	6.5	20	M6				
JD0702-13-2T-M6	2	13	6.5	20	M6				

RD0517 圆刃立铣刀头 CORNER ROUNDING END MILLS(RD0517)

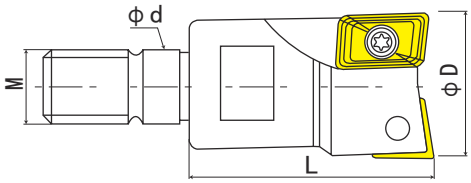




规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)				刀片 Insert	压板 Clamp	螺钉 Screw	扳手 Wrench
		D	d	L	M				
RD0517-10-2T-M5	2	10	5.5	20	M5	RD**0517	-	M25*4	T6
RD0517-11-2T-M5	2	11	5.5	20	M5				
RD0517-12-2T-M6	2	12	6.5	20	M6				
RD0517-13-2T-M6	2	13	6.5	20	M6				

BAP 直角台肩立铣刀头 SHOULDER/CUTTING END MILLS (BAP)

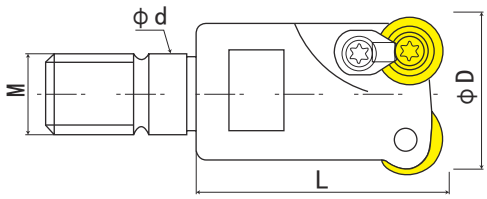




规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)				刀片 Insert	压板 Clamp	螺钉 Screw	扳手 Wrench
		D	d	L	M				
BAP3-16-2T-M8	2	16	8.5	25	M8	AP**1135	-	M2.5*6	T8
BAP3-17-2T-M8	2	17	8.5	25	M8				
BAP3-20-2T-M10	2	20	10.5	30	M10				
BAP3-21-2T-M10	2	21	10.5	30	M10				
BAP3-25-3T-M12	3	25	12.5	35	M12				
BAP3-26-3T-M12	3	26	12.5	35	M12				
BAP4-25-2T-M12	2	25	12.5	35	M12	AP**1604	-	M4*9	T15
BAP4-26-2T-M12	2	26	12.5	35	M12				
BAP4-30-2T-M12	2	30	12.5	35	M12				
BAP4-35-3T-M16	3	35	17	43	M16				

RD 圆刃立铣刀头 CORNER ROUNDING END MILLS(RD)



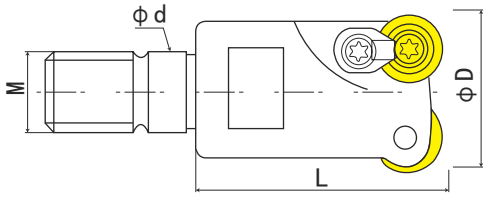


规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)				刀片 Insert	压板 Clamp	螺钉 Screw	扳手 Wrench
		D	d	L	M				
RD0702-16-2T-M8	2	16	8.5	25	M8	RD**0702	-	M3*7	T8
RD0702-17-2T-M8	2	17	8.5	25	M8				
RD0702-20-3T-M10	3	20	10.5	30	M10				
RD0702-21-3T-M10	3	21	10.5	30	M10				
RD0702-25-4T-M12	4	25	12.5	35	M12				
RD0702-26-4T-M12	4	26	12.5	35	M12				
RD1003-25-2T-M12	2	25	12.5	35	M12	RD**1003	-	M4*9	T15
RD1003-26-2T-M12	2	26	12.5	35	M12				

可转位铣刀杆系列 MILLING CUTTERS

RC 圆刃立铣刀头 CORNER ROUNDING END MILLS(RC)

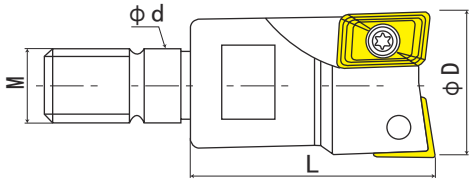




规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)				刀片 Insert	压板 Clamp	螺钉 Screw	扳手 Wrench
		D	d	L	M				
RC10T3-25-2T-M12	2	25	12.5	35	M12	RC**10T3	-	M4*9	T15
RC10T3-26-2T-M12	2	26	12.5	35	M12	RC**10T3	-	M4*9	T15
RC1204-32-2T-M12	2	32	12.5	35	M12	RC**1204	-	M4*10	T15

EP0603 快进给立铣刀头 HIGH FEEDRATE END MILLS (EP0603)

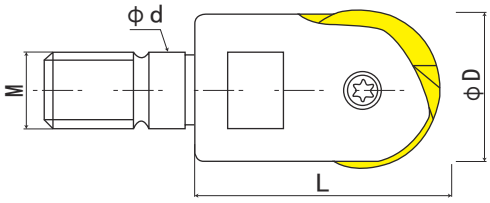




规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)				刀片 Insert	压板 Clamp	螺钉 Screw	扳手 Wrench
		D	d	L	M				
EP0603-16-2T-M8	2	16	8.5	25	M8	EP**0603	-	M2.5*6	T8
EP0603-17-2T-M8	2	17	8.5	25	M8				
EP0603-20-2T-M10	2	20	10.5	30	M10				
EP0603-21-2T-M10	2	21	10.5	30	M10				
EP0603-25-3T-M12	4	25	12.5	35	M12				
EP0603-26-3T-M12	4	26	12.5	35	M12				

WGR 球型精铣刀头 BALL PRECISION CUTTER(WGR)

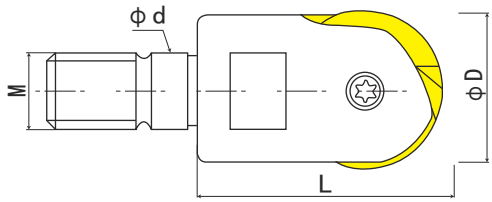




规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)				刀片 Insert	压板 Clamp	螺钉 Screw	扳手 Wrench
		D	d	L	M				
WGR08-M4	1	8	4.5	16	M4	P320*D04	-	WGR-4R	T15
WGR10-M5	1	10	5.5	20	M5	P320*D05	-	WGR-5R	T15
WGR12-M6	1	12	6.5	22	M6	P320*D06	-	WGR-6R	T20
WGR16-M8	1	16	8.5	28	M8	P320*D08	-	WGR-8R	T20
WGR20-M10	1	20	10.5	30	M10	P320*D10	-	WGR-10R	T20
WGR25-M12	1	25	12.5	40	M12	P320*D12	-	WGR-12R	T20
WGR32-M16	1	32	17	43	M16	P320*D16	-	WGR-16R	T30

PPH 球型精铣刀头 BALL PRECISION CUTTER(PPH)





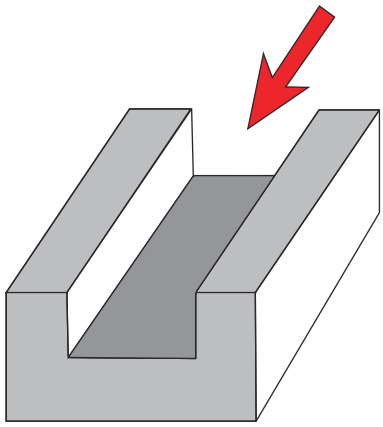
规格 / 型号 Model	刃数 Teeth	尺寸 Size(mm)				刀片 Insert	压板 Clamp	螺钉 Screw	扳手 Wrench
		D	d	L	M				
PPH08-M4	1	8	4.5	16	M4	BNM-080	-	BNM-4R	T15
PPH10-M5	1	10	5.5	20	M5	BNM-100	-	BNM-5R	T15
PPH12-M6	1	12	6.5	22	M6	BNM-120	-	BNM-6R	T20
PPH16-M8	1	16	8.5	28	M8	BNM-160	-	BNM-8R	T20
PPH20-M10	1	20	10.5	30	M10	BNM-200	-	BNM-10R	T20
PPH25-M12	1	25	12.5	40	M12	BNM-250	-	BNM-12R	T20

粗切削玉米铣刀系列
MILLING CUTTERS



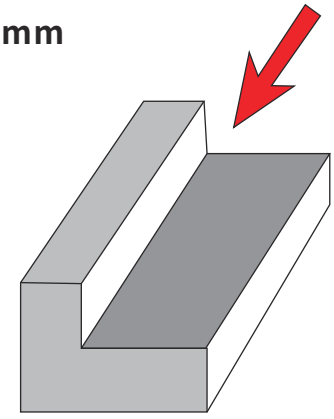
粗切削玉米铣刀系列
MILLING CUTTERS

玉米铣刀切削条件数据表 CORN MILLING CUTTER CUTTING CONDITIONS



开槽
Slotting

最大切削深度 .12mm
Max.12mm



侧边加工 Shoulder cutting

AP-15 SD-09 LP-15 SP-12 切削条件数据表 CUTTING CONDITIONS

被加工材质 Machining Materials		刀片形态 Processing Type	刀片材质 Grade	切削速度 Vc(m/min)	每刃进给 fz(mm/rev)
P	低合金钢	开槽 Slotting	OM4010	90-120	0.05-0.10
		侧边加工 Side Milling	OM4010	110-140	0.08-0.13
		开槽 Slotting	OM4025	90-110	0.05-0.10
		侧边加工 Side Milling	OM4025	110-130	0.08-0.13
		开槽 Slotting	OM4040	90-110	0.05-0.10
		侧边加工 Side Milling	OM4040	110-130	0.08-0.13
	合金钢	开槽 Slotting	OM4010	70-100	0.05-0.10
		侧边加工 Side Milling	OM4010	90-120	0.06-0.15
		开槽 Slotting	OM4025	70-90	0.05-0.10
		侧边加工 Side Milling	OM4025	90-110	0.06-0.15
		开槽 Slotting	OM4040	70-90	0.05-0.10
		侧边加工 Side Milling	OM4040	90-110	0.06-0.15
M	不锈钢	侧边加工 Side Milling	OM4010	130-190	0.06-0.15
			OM4025	130-170	0.06-0.15
			OM4040	130-170	0.06-0.15
K	铸铁	开槽 Slotting	OST20	60-80	0.08-0.12
		侧边加工 Side Milling	OST20	80-130	0.10-0.15
		开槽 Slotting	OM4010	70-100	0.08-0.12
		侧边加工 Side Milling	OM4010	70-90	0.08-0.12
		开槽 Slotting	OM4025	70-90	0.08-0.12
		侧边加工 Side Milling	OM4025	90-150	0.10-0.15
		开槽 Slotting	OM4040	90-150	0.10-0.15
		侧边加工 Side Milling	OM4040	90-150	0.10-0.15
N	铝合金	开槽 Slotting	OM5005	450(500-700)	1.2(1.2-1.8)
		侧边加工 Side Milling	OM5005	450(500-700)	1.2(1.2-1.8)

特点:

注:

◎主轴转速 =（1000× 切削速度）÷（3.14× 刀具外径）

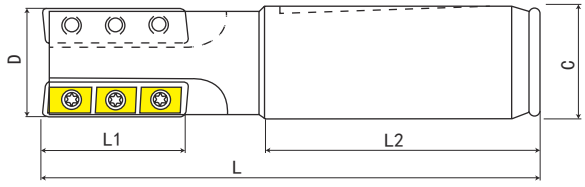
◎床檯进给（mm/min)= 每刃进给 × 刀具刃数 × 主轴转速

◎ SUITABLE:ISO INSERTS

粗切削玉米铣刀系列 MILLING CUTTERS

AP 直柄粗切削玉米铣刀 AP ROUGHING CUT CORN MILLING CUTTER

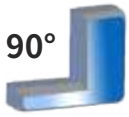


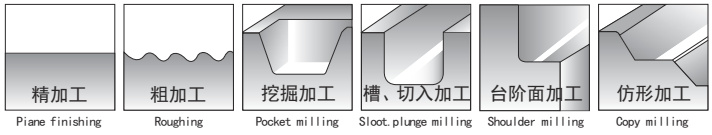



P.F102


P.J30


P.J32





规格 / 型号 Model	D	C	L	L2	L1	刃数 Teeth	刀片数 Blade number	刀片 Blade	刀片螺丝 Blade screw	扳手 Wrench
AP-D20-C20-28M-2T-5Z	20	20	107	60	28	2	5	AP..1003	M2.5-6.45-3.7	T8
AP-D20-C20-48M-2T-10Z	20	20	130	60	48	2	10	AP..1003	M2.5-6.45-3.7	T8
AP-D25-C25-37M-2T-8Z	25	25	125	60	37	2	8	AP..1003	M2.5-6.45-3.7	T8
AP-D32-C32-46M-3T-15Z	32	32	135	60	46	3	16	AP..1003	M2.5-6.45-3.7	T8

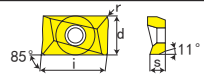
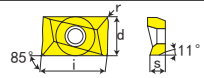
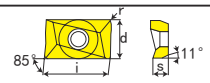
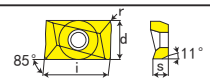
◎配件表

刀片 Insert	螺丝 Screw	扳手 Wrench	扭力值 (N.m)Torque
AP..1003	M2.5-6.45-3.7	T8	1.2

◎可配用刀片 INSERTS

ISO 分类			切削状态：
	P	合金钢	
	M	不锈钢	
	K	铸铁	
	N	铝及铝合金	
	S	高温合金	
	H	高度硬材	

●连续切削
○一般切削
■断续切削

形状 Form	规格 Type	镀层硬质合金 HC		镀层超微粒 CHF				硬质合金 HW		超硬微粒 HF				尺寸 (mm) Size				图形 Drawing
		OST05	OST20	OM4010	OM4025	OM4030	OM4040	TSP20	MP91M	GH1	GH05	OM5005	OM5060	d	i	s	r	
	APKT1003PDER-M01			●	●	●	●							6.73	10.5	3.18	-	
	APKT1003PDER-47								●					6.73	10.5	3.18	-	
	APKT1003PDRJ-3M									●				6.73	10.5	3.18	-	
	APEX100304PDFR-F01												●	6.68	10.5	3.47	Facet	

AP-D20-C20-28M-2T-5Z

- 刀片数量
- 铣削刃数
- 铣削刃长
- 夹持柄径
- 铣削直径
- 刀片形式

特点：

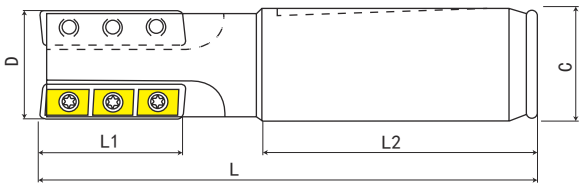
◎采用抗震性工具钢材质
◎整体预硬后，再行精修，避免二次处理所产生应变

Features:

◎ Uses the anti-knocking tool steel material quality.
◎ After whole pre-hard,finishes again,avoids two processing having the strain

AP 直柄粗切削玉米铣刀 AP ROUGHING CUT CORN MILLING CUTTER

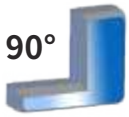


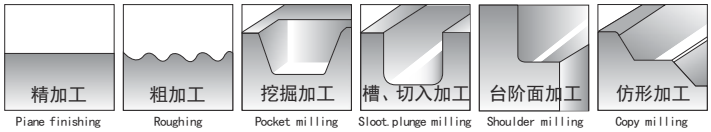



P.F102


P.J30


P.J32





规格 / 型号 Model	D	C	L	L2	L1	刃数 Teeth	刀片数 Blade number	刀片 Blade	刀片螺丝 Blade screw	扳手 Wrench
AP-D32-C32-42M-2T-6Z	32	32	120	60	42	2	6	AP..1604	RS-010-M4	T15
AP-D32-C32-54M-2T-8Z	32	32	140	60	54	2	8	AP..1604	RS-010-M4	T15
AP-D32-C32-70M-2T-10Z	32	32	150	60	70	2	10	AP..1604	RS-010-M4	T15
AP-D40-C32-56M-3T-12Z	40	32	135	60	56	3	12	AP..1604	RS-010-M4	T15
AP-D40-C32-70M-3T-15Z	40	32	160	70	70	3	15	AP..1604	RS-010-M4	T15
AP-D40-C40-68M-3T-15Z	40	40	165	70	68	3	15	AP..1604	RS-010-M4	T15
AP-D40-C40-81M-3T-18Z	40	40	180	70	81	3	18	AP..1604	RS-010-M4	T15
AP-D40-C40-95M-3T-21Z	40	40	200	70	95	3	21	AP..1604	RS-010-M4	T15
AP-D40-C40-108M-3T-24Z	40	40	180	70	108	3	24	AP..1604	RS-010-M4	T15
AP-D50-C42-70M-3T-15Z	50	42	170	70	70	3	15	AP..1604	RS-010-M4	T15
AP-D50-C42-95M-3T-21Z	50	42	200	80	95	3	21	AP..1604	RS-010-M4	T15
AP-D50-C50.8-112M-3T-24Z	50	50.8	220	80	112	3	24	AP..1604	RS-010-M4	T15

◎配件表

刀片 Insert	螺丝 Screw	扳手 Wrench	扭力值 (N.m)Torque
AP..1604	M4-10-5.7-60	T15	3.0

ISO 分类														
P	合金钢	○	○	○	○	○	○			○				切削状态：
M	不锈钢	○	○	○	○	○	○			○				●连续切削
K	铸铁				○					○				○一般切削
N	铝及铝合金								■		■	■	○	■断续切削
S	高温合金													
H	高度硬材													

形状 Form	规格 Type	镀层硬质合金		镀层超微粒				硬质合金			超硬微粒			尺寸 (mm)				图形 Drawing
		HC		CHF				HW			HF			Size				
		OST05	OST20	OM4010	OM4025	OM4030	OM4040	TSP20	TSP25	MP91M	GH1	GH05	OM5005	d	i	s	r	
	APKT160408-M01				●	●								9.52	16.66	4.76	0.8	
	APEX1604PDFR-701										●	●		9.52	16.66	4.76	-	
	APKT160408A-2C									●				9.52	16.66	4.76	0.8	

AP-D32-C32-42M-2T-6Z

- 刀片数量
- 铣削刃数
- 铣削刃长
- 夹持柄径
- 铣削直径
- 刀片形式

特点：

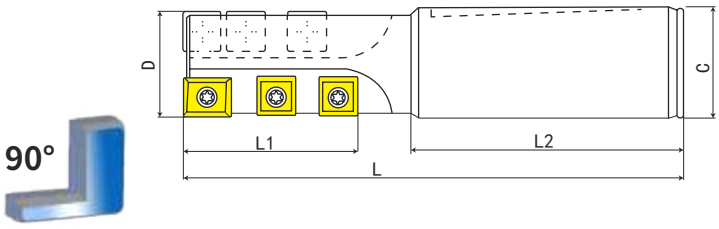
◎采用抗震性工具钢材质
◎整体预硬后，再行精修，避免二次处理所产生应变

Features:

◎ Uses the anti-knocking tool steel material quality.
◎ After whole pre-hard,finishes again,avoids two processing having the strain

粗切削玉米铣刀系列 MILLING CUTTERS

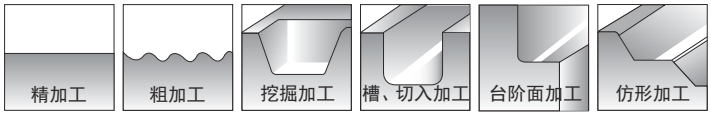
SP 直柄粗切削玉米铣刀 SP ROUGHING CUT CORN MILLING CUTTER




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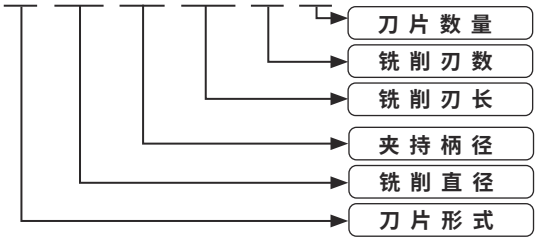

P.J30


P.J32



规格 / 型号 Model	D	d	L	L2	L1	刃数 Teeth	刀片数 Blade number	刀片 Blade	刀片数 Blade number	刀片 Blade	刀片螺丝 Blade screw	扳手 Wrench
SP-D20-C25-32M-2T-7Z	20	25	110	65	32	2	1	P27215-00	6	P28415-00-SP..0603	RS-055-M2.5	T8
SP-D25-C25-32M-2T-7Z	25	25	120	75	32	2	1	P27215-00	6	P28415-00-SP..0603	RS-055-M2.5	T8
SP-D32-C32-42M-2T-6Z	32	32	150	75	42	2	1	P27215-3	5	P28415-00-SP..0903	RS-019-M4	T15
SP-D40-C32-50M-4T-14Z	40	32	155	75	50	4	2	P27215-3	12	P28415-00-SP..0903	RS-019-M4	T15
SP-D40-C42-50M-4T-14Z	40	42	165	85	50	4	2	P27215-3	12	P28415-00-SP..0903	RS-019-M4	T15
SP-D40-C42-56M-4T-14Z	40	42	170	85	56	4	2	LPMT1504	12	P28495-1-SP..1204	RS-043-M5	T20
SP-D50-C42-56M-4T-16Z	50	42	170	85	56	4	1	P27215-3	15	P28495-1-SP..1204	RS-043-M5	T20
SP-D50-C42-77M-4T-16Z	50	42	200	85	77	4	2	LPMT1504	14	P28495-1-SP..1204	RS-043-M5	T20
SP-D50-C42-158M-4T-32Z	50	42	250	85	158	4	2	LPMT1504	30	P28495-1-SP..1204	RS-043-M5	T20
SP-D50-C50.8-76M-4T-16Z	50	50.8	200	85	76	4	2	AP..1504	14	P28495-1-SP..1204	RS-043-M5	T20
SP-D50-C50.8-97M-4T-20Z	50	50.8	230	85	97	4	2	LPMT1504	18	P28495-1-SP..1204	RS-043-M5	T20
SP-D50-C50.8-158M-4T-32Z	50	50.8	290	85	158	4	2	LPMT1504	30	P28495-1-SP..1204	RS-043-M5	T20

SP-D20-C25-32M-2T-7Z

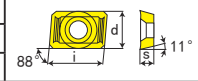
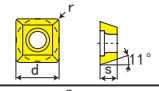
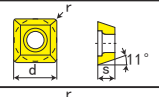
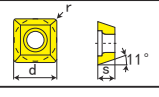


◎配件表

刀片 Insert	螺丝 Screw	扳手 Wrench	扭力值 (N.m)Torque
LP..1504	M5-11-6.4-43	T20	5.0
AP..1503	M4-10-5.0-43	T15	3.0
SD..0903	M4-10-5.0-43	T15	3.0
SP..1204	M5-11-6.4-43	T20	5.0

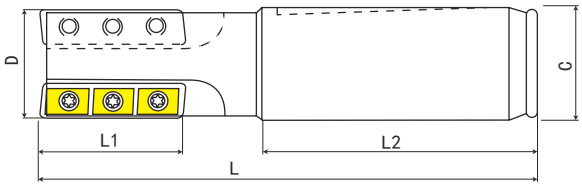
ISO 分类														
P	合金钢	○	○	○	○	○	○			○				
M	不锈钢	○	○	○	○	○	○			○				
K	铸铁				○					○				
N	铝及铝合金								■		■	■	○	
S	高温合金													
H	高度硬材													

切削状态：
●连续切削
○一般切削
■断续切削

形状 Form	规格 Type	镀层硬质合金 HC		镀层超微粒 CHF				硬质合金 HW			超硬微粒 HF			尺寸 (mm) Size				图形 Drawing
		OST05	OST20	OM4010	OM4025	OM4030	OM4040	TSP20	TSP25	MP91M	GH1	GH05	OM5005	d	i	s	r	
	LPMT1504-R01(P27275-3R)			●	●	●	●						●	12	15.88	4.76	-	
	SPMT120408-R01(P28495-1)			●	●	●	●						●	12	-	4.76	-	
	SPET120408-M02			●	●								●	12	-	4.76	0.8	
	SPMT120408-M02			●	●									12	-	4.76	0.8	

TAP 粗切削直柄玉米铣刀 TAP ROUGHING CUT CORN MILLING CUTTER

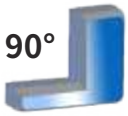


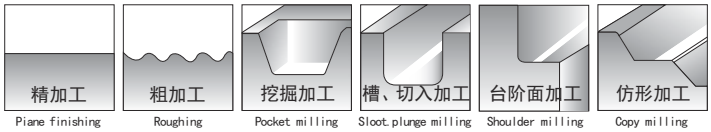



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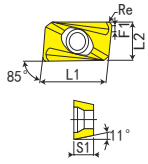

P.J32

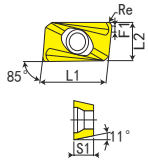




规格 / 型号 Model	刃数 No.of flutes	D	C	L	L1	L2	刀片数 Blade number	刀片 Insert	螺钉 Screw	扳手 Wrench
TAP-20AP11-C20-28M-2T-120	2	20	20	120	28	60	6	AP1135 AP1604	RS-010-M4 RS-010-M2.5	T15
TAP-25AP11-C25-38M-2T-130	2	25	25	130	38	60	8			
TAP-20AP11-C20-48M-2T-130	2	20	20	130	48	60	10			
TAP-25AP11-C25-48M-2T-130	2	25	25	130	48	60	10			
TAP-32AP11-C32-48M-3T-140	3	32	32	140	48	60	15			
TAP-32AP16-C32-70M-2T-150	2	32	32	150	70	70	14			
TAP-40AP16-C32-70M-2T-150	2	40	32	150	70	70	14			
TAP-40AP16-C32-70M-3T-150	3	40	32	150	70	70	15			
TAP-50AP16-C32-70M-3T-150	3	50	32	150	70	70	15			
TAP-50AP16-C32-100M-3T-150	3	50	32	150	100	70	21			

可配用刀片 INSERTS

规格 / 型号 Model	F7030	F320	VP15TF	UP20M	NX2525	NX4545	UT120T	HT110	NCM325	PC3535	PC3545	PC3530	PC6510	PC2000	H01	H101	H102	KC25	PP30	PC35	刀片形状 Insert Shape	尺寸 Size(mm) L1	L2	S1	F1	Re	
APMT1135PDER-H1	●	●	●★	●	●	●	●	●														11	6.35	3.5	1.5	0.4	MITSUBISHI(三菱)
APMT1135PDER-H2	●	●	●★	●	●	●	●	●														11	6.35	3.5	1.2	0.8	
APMT1135PDER-H3	●	●		●			●															11	6.35	3.5	0.8	1.2	
APMT1135PDER-H4	●	●		●			●															11	6.35	3.5	0.4	1.6	
APMT1135PDER-H6	●	●		●			●															11	6.35	3.5	0.4	2.4	
APMT1135PDER-M0	●																					11	6.35	3.5	1.8	0.2	
APMT1135PDER-M1	●																					11	6.35	3.5	1.5	0.4	
APMT1135PDER-M2	●	●	●★			●																11	6.35	3.5	1.2	0.8	
APMT1135PDER-G2								●														11	6.35	3.5	1.2	0.8	

规格 / 型号 Model	F7030	F320	VP15TF	UP20M	NX2525	NX4545	UT120T	HT110	NCM325	PC3535	PC3545	PC3530	PC6510	PC2000	H01	H101	H102	KC25	PP30	PC35	刀片形状 Insert Shape	尺寸 Size(mm) L1	L2	S1	F1	Re	
APMT1604PDER-H1	●		●				●															16.5	9.525	4.76	1.7	0.4	MITSUBISHI(三菱)
APMT1604PDER-H2	●	●	●★	●	●	●★	●															16.5	9.525	4.76	1.7	0.8	
APMT1604PDER-H4	●						●	●														16.5	9.525	4.76	1.7	1.6	
APMT1604PDER-H6	●						●															16.5	9.525	4.76	1.7	2.4	
APMT1604PDER-H8	●						●															16.5	9.525	4.76	1.7	3.2	
APMT1604PDER-M2	●	●	●★			●																16.5	9.525	4.76	1.7	0.8	
APMT1604PDER-G2	●							●														16.5	9.525	4.76	1.7	0.8	
APMT1604PDSR									●	●	●	●	●									16.5	9.525	4.76	-	0.8	
APMT1604PDERMA2														●	●							16.5	9.525	4.76	-	0.8	

TAP-20AP11-C20-28M-2T-6Z

- 刀片数量
- 铣削刃数
- 铣削刃长
- 夹持柄径
- 铣削直径及刀片型号
- 刀片形式

特点：

◎采用抗震性工具钢材质
◎整体预硬后，再行精修，避免二次处理所产生应变

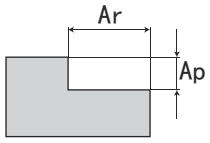
Features:

◎ Uses the anti-knocking tool steel material quality.
◎ After whole pre-hard,finishes again,avoids two processing having the strain

粗切削玉米铣刀系列 MILLING CUTTERS

AP 粗切削玉米铣刀 AP ROUGH CUTTING END MILLS

侧边加工 SHOULDER CUTTING

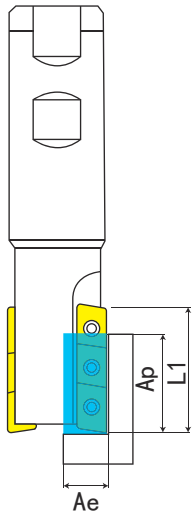


Ap	Ar	每刃進給 fz(mm/rev) 0.08	0.12	0.1
9	8	–	1.0	1.0
	16	–	1.5	1.8
18	8	1.5	1.8	2.0
	16	2.0	2.5	2.8
27	8	2.0	2.5	2.8
	16	3.0	3.8	4.0
		KW		

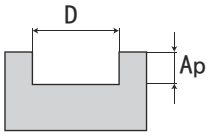
Ap	Ar	每刃進給 fz(mm/rev) 0.15	0.20
25	10	3.0	3.5
	15	3.8	4.5
	20	4.5	–
40	10	4.0	5.0
	15	5.0	6.0
	20	6.0	–
		KW	

侧铣加工 PROFILE MILLING

d1	ap
ϕ20	22
ϕ25	30
ϕ32	37
ϕ40	44



开槽加工 SOLT MILLING



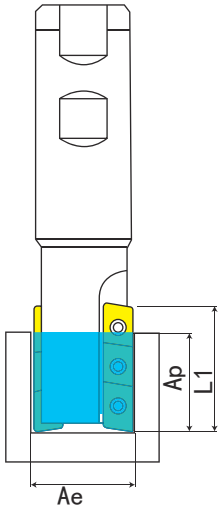
D	Ap	每刃進給 fz(mm/rev) 0.08	0.12	0.1
20–25	9	1.8	2.2	2.5
	18	3.2	4.0	4.5
	27	–	5.5	5.8
		KW		

D	Ap	每刃進給 fz(mm/rev) 0.10	0.15	0.20
32	20	4.4	5.5	6.8
	30	5.8	7.8	9.2
	40	7.8	10	–
		KW		

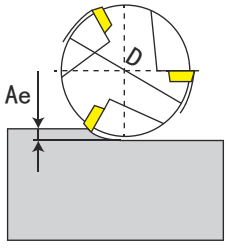
◎ SUITABLE:ISO INSERTS

开槽加工 SOLT MILLING

d1	ap
ϕ20	14
ϕ25	18
ϕ32	23
ϕ40	27

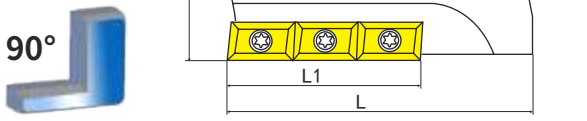


ae D	correct feed rate
0.1	2.2 × fz
0.2	1.4 × fz
0.5	1.0 × fz
0.7	0.8 × fz
1.0	0.7 × fz



AP 套式粗切削玉米铣刀 AP SHELL TYPE ROUGH CUTTING END MILLS

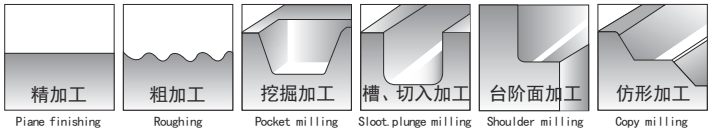





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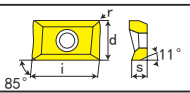
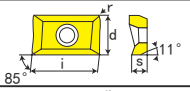
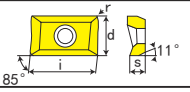

P.J32



规格 / 型号 Model	尺寸 Size(mm)				刃数 Teeth	刀片数 Blade number	刀片 Insert	螺丝 Screw	扳手 Wrench
	D	d	L1	L					
AP-D50-d22-42M-3T-9Z	50	22	42	55	3	9	AP..1604	M4-10-5.7-60	T15
AP-D50-d22-42M-4T-12Z	50	22	42	55	4	12	AP..1604	M4-10-5.7-60	T15
AP-D63-d27-42M-4T-12Z	63	27	42	63	4	12	AP..1604	M4-10-5.7-60	T15
AP-D63-d27-45M-4T-12Z	63	27	45	66	4	12	AP..1604	M4-10-5.7-60	T15
AP-D63-d27-68M-4T-20Z	63	27	68	89	4	20	AP..1604	M4-10-5.7-60	T15
AP-D80-d32-54M-6T-24Z	80	32	54	90	6	24	AP..1604	M4-10-5.7-60	T15
AP-D80-d32-68M-5T-25Z	80	32	68	130	5	25	AP..1604	M4-10-5.7-60	T15
AP-D80-d32-70M-5T-25Z	80	32	70	85	5	25	AP..1604	M4-10-5.7-60	T15
AP-D80-d32-115M-6T-30Z	80	32	115	150	6	30	AP..1604	M4-10-5.7-60	T15

◎配件表

刀片 Insert	螺丝 Screw	扳手 Wrench	扭力值 (N.m)Torque
AP..1604	M4-10-5.7-60	T15	3.0

ISO 分类			镀层硬质合金		镀层超微粒				硬质合金			超硬微粒			尺寸 (mm)				图形 Drawing
形状 Form	规格 Type		HC		CHF				HW				HF		Size				
			OST05	OST20	OM4010	OM4025	OM4030	OM4040	TSP20	TSP25	MP91M	GH1	GH05	OM5005	d	i	s	r	
	APKT160408-M01					●	●								9.52	16.66	4.76	0.8	
	APEX1604PDFR-701											●	●		9.52	16.66	4.76	-	
	APKT160408A-2C										●				9.52	16.66	4.76	0.8	

P 合金钢 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○
M 不锈钢 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○
K 铸铁 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○
N 铝及铝合金 ■ ■ ■ ○
S 高温合金
H 高度硬材

切削状态：
●连续切削
○一般切削
■断续切削

AP-D50-d22-42M-3T-9Z

- 刀片数量
- 铣削刃数
- 铣削刃长
- 定位孔径
- 铣削直径
- 刀片形式

特点：

◎采用抗震性工具钢材质
◎整体预硬后，再行精修，避免二次处理所产生应变

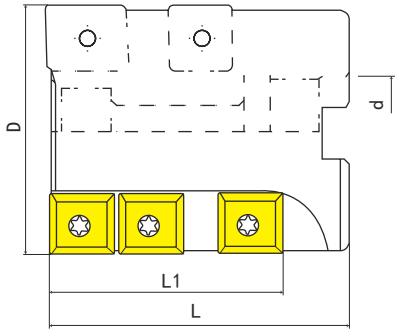
Features:

◎ Uses the anti-knocking tool steel material quality.
◎ After whole pre-hard,finishes again,avoids two processing having the strain

粗切削玉米铣刀系列 MILLING CUTTERS

SP 套式粗切削玉米铣刀 SP SHELL TYPE ROUGH CUTTING END MILLS

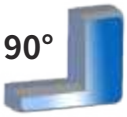


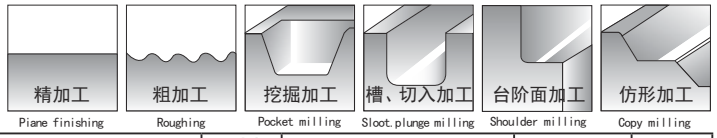



P.F102


P.J30


P.J32



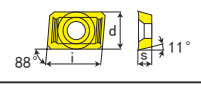
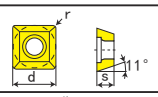
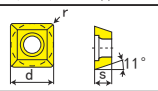
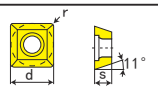


规格 / 型号 Model	D	d	L1	L	刃数 Teeth	刀片数 Blade num-ber	刀片 Blade	刀片数 Blade num-ber	刀片 Blade	刀片螺丝 Blade screw	扳手 Wrench
SP-D50-d22-34M-4T-8Z	50	22	34	60	4	2	P27275-3-APLT150412	6	P28495-1-SPLT120408	RS-043-M5	T20
SP-D63-d27-34M-4T-8Z	63	27	34	60	4	2	P27275-3-APLT150412	6	P28495-1-SPLT120408	RS-043-M5	T20
SP-D80-d27-78M-6T-24Z	80	27	78	90	4	2	P27275-3-APLT150412	22	P28495-1-SPLT120408	RS-043-M5	T20
SP-D80-d32-67M-6T-21Z	80	32	67	80	6	3	P27275-3-APLT150412	18	P28495-1-SPLT120408	RS-043-M5	T20
SP-D80-d32-98M-6T-30Z	80	32	98	110	6	3	P27275-3-APLT150412	27	P28495-1-SPLT120408	RS-043-M5	T20
SP-D80-d27-108M-6T-30Z	80	27	108	120	6	3	P27275-3-APLT150412	27	P28495-1-SPLT120408	RS-043-M5	T20
SP-D100-d40-77M-8T-32Z	100	40	77	100	8	4	P27275-3-APLT150412	28	P28495-1-SPLT120408	RS-043-M5	T20

◎配件表

刀片 Insert	螺丝 Screw	扳手 Wrench	扭力值 (N.m)Torque
AP..1504	M5-11-6.4-43	T20	5.0
SP..1204	M5-11-6.4-43	T20	5.0

ISO 分类														切削状态：
	P	合金钢	○	○	○	○	○	○			○				●连续切削
	M	不锈钢	○	○	○	○	○	○			○				○一般切削
	K	铸铁				○					○				■断续切削
	N	铝及铝合金								■		■	■	○	
	S	高温合金													
	H	高度硬材													

形状 Form	规格 Type	镀层硬质合金		镀层超微粒				硬质合金			超硬微粒			尺寸 (mm)				图形 Drawing
		HC		CHF				HW			HF			Size				
		OST05	OST20	OM4010	OM4025	OM4030	OM4040	TSP20	TSP25	MP91M	GH1	GH05	OM5005	d	i	s	r	
	LPMT1504-R01(P27275-3R)			●	●	●	●						●	12	15.88	4.76	-	
	SPMT120408-R01(P28495-1)			●	●	●	●						●	12	-	4.76	-	
	SPET120408-M02			●	●								●	12	-	4.76	0.8	
	SPMT120408-M02			●	●									12	-	4.76	0.8	

SP-D50-d22-34M-4T-8Z

- 刀片数量
- 铣削刃数
- 铣削刃长
- 定位孔径
- 铣削直径
- 刀片形式

特点：

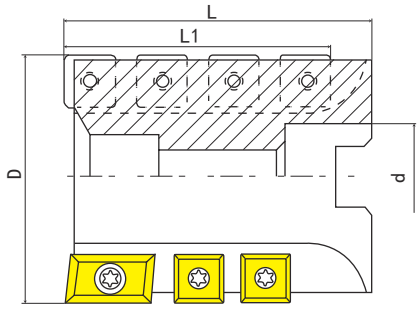
◎采用抗震性工具钢材质
◎整体预硬后，再行精修，避免二次处理所产生应变

Features:

◎ Uses the anti-knocking tool steel material quality.
◎ After whole pre-hard,finishes again,avoids two processing having the strain

PMC 套式粗切削玉米铣刀 PMC SHELL TYPE ROUGH CUTTING END MILLS

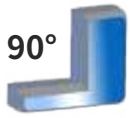


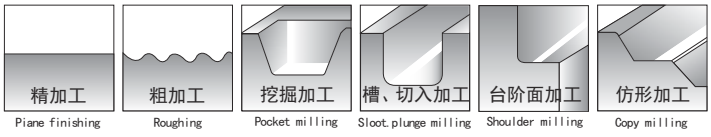



P.F102


P.J30


P.J32



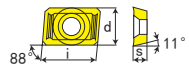
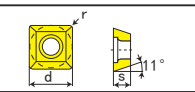
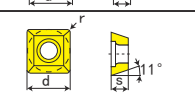
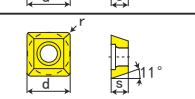


规格 / 型号 Model	刃数 No.of flutes	尺寸 Size(mm)					刀片型号 Insert			螺丝 Screw	扳手 Wrench
		D	d	L1	L	T	15 / 3.18 / 9.52	T	9.52 / 3.18		
PMC-D80-d31.75-67M-6T-21Z	6	80	31.75	67	80	3	LPMT1504	18	SPMT1204	M5	T20
PMC-D80-d32-67M-6T-21Z	6	80	32	67	80	3	LPMT1504	18	SPMT1204	M5	T20
PMC-D100-d38.1-77M-8T-32Z	8	100	38.1	77	100	4	LPMT1504	28	SPMT1204	M5	T20
PMC-D100-d40-77M-8T-32Z	8	100	40	77	100	4	LPMT1504	28	SPMT1204	M5	T20

◎配件表

刀片 Insert	螺丝 Screw	扳手 Wrench	扭力值 (N.m)Torque
AP..1504	M5-11-6.4-43	T20	5.0
SP..1204	M5-11-6.4-43	T20	5.0

ISO 分类														切削状态：
	P	合金钢	○	○	○	○	○	○			○				●连续切削
	M	不锈钢	○	○	○	○	○	○			○				○一般切削
	K	铸铁				○					○				■断续切削
	N	铝及铝合金								■		■	■	○	
	S	高温合金													
	H	高度硬材													

形状 Form	规格 Type	镀层硬质合金		镀层超微粒				硬质合金			超硬微粒			尺寸 (mm)				图形 Drawing
		HC		CHF				HW			HF			Size				
		OST05	OST20	OM4010	OM4025	OM4030	OM4040	TSP20	TSP25	MP91M	GH1	GH05	OM5005	d	i	s	r	
	LPMT1504-R01(P27275-3R)			●	●	●	●						●	12	15.88	4.76	-	
	SPMT120408-R01(P28495-1)			●	●	●	●						●	12	-	4.76	-	
	SPET120408-M02			●	●								●	12	-	4.76	0.8	
	SPMT120408-M02			●	●									12	-	4.76	0.8	

PMC-D80-d32-67M-6T-21Z

- 刀片数量
- 铣削刃数
- 铣削刃长
- 定位孔径
- 铣削直径
- 刀片形式

特点：

◎采用抗震性工具钢材质
◎整体预硬后，再行精修，避免二次处理所产生应变
◎高效能形粗铣刀，能加工深孔
◎尺寸可由刀杆随意变换深度，发挥最大效能

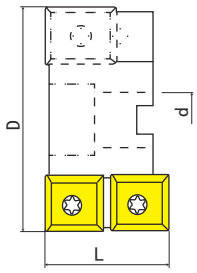
◎ Uses the anti-knocking tool steel material quality.
◎ After whole pre-hard,finishes again,avoids two processing having the strain
◎ With high efficiency,it can process on deep hole workpieces.
◎ By the changing of depth,if can achieve high effciency.



粗切削玉米铣刀系列 MILLING CUTTERS

KHP 可换式粗切削玉米铣刀 KHP CAN CHANGE TYPE ROUGHING CUT MILLING CUTTER HEAD

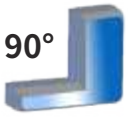


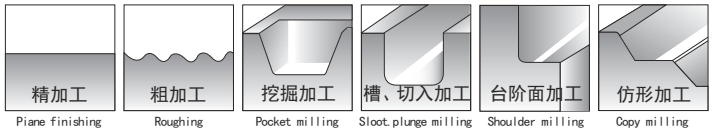



P.F102


P.J30


P.J32





规格 / 型号 Model	D	d	L	刃数 Teeth	刀片数 Blade num-ber	刀片 Blade	刀片数 Blade num-ber	刀片 Blade	刀片螺丝 Blade screw	扳手 Wrench
KHP-D50-d12.5-24M-4T-6Z	50	12.5	24	4	2	P27275-3-APLT150412	4	P28495-1-SPLT120408	RS-043-M5	T20
KHP-D50-d12.5-50M-4T-14Z	50	12.5	50	4	2	P27275-3-APLT150412	12	P28495-1-SPLT120408	RS-043-M5	T20
KHP-D63-d16.5-34M-4T-8Z	63	16.5	34	4	2	P27275-3-APLT150412	6	P28495-1-SPLT120408	RS-043-M5	T20
KHPD63-d16.5-65M-4T-14Z	63	16.5	65	4	2	P27275-3-APLT150412	12	P28495-1-SPLT120408	RS-043-M5	T20
KHP-D80-d18-34M-4T-12Z	80	18	34	4	3	P27275-3-APLT150412	9	P28495-1-SPLT120408	RS-043-M5	T20

KHP-D50-d12.5-24M-4T-6Z

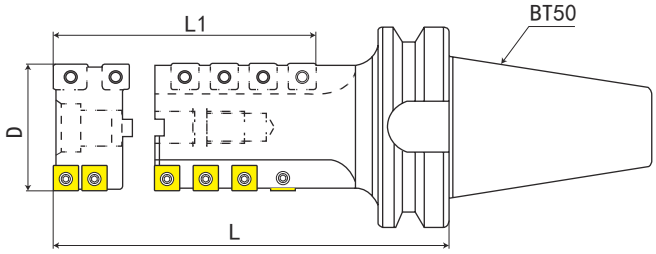
- 刀片数量
- 铣削刃数
- 铣削刃长
- 定位孔径
- 铣削直径
- 刀片形式

特点：

◎采用抗震性工具钢材质
◎整体预硬后，再行精修，避免二次处理所产生应变
◎高效能形粗铣刀，能加工深孔
◎尺寸可由刀杆随意变换深度，发挥最大效能

◎ Uses the anti-knocking tool steel material quality.
◎ After whole pre-hard,finishes again,avoids two processing having the strain
◎ With high efficiency,it can process on deep hole workpieces.
◎ By the changing of depth,if can achieve high effciency.

BT50/SHP 替换式粗切削玉米铣刀柄 BT50/SHP ROUGHING CUT CORN MILLING CUTTER HANDLE



规格 / 型号 Model	D	L	L1	刃数 No.of flutes	螺栓 Bolts	刀片数 Blade num-ber	刀片 Blade	刀片数 Blade num-ber	刀片 Blade	刀片螺丝 Blade screw	扳手 Wrench
BT50-SHP50-110M-4T-24Z	50	185	110	4	RFB50	2	P27275-3-APLT150412	22	P28495-1-SPLT120406	RS-043-M5	T20
BT50-SHP50-130M-4T-28Z	50	205	130	4	RFB50	2	P27275-3-APLT150412	26	P28495-1-SPLT120406	RS-043-M5	T20
BT50-SHP50-160M-4T-34Z	50	235	160	4	RFB50	2	P27275-3-APLT150412	32	P28495-1-SPLT120406	RS-043-M5	T20
BT50-SHP50-180M-4T-38Z	50	255	180	4	RFB50	2	P27275-3-APLT150412	36	P28495-1-SPLT120406	RS-043-M5	T20
BT50-SHP63-90M-4T-20Z	63	165	90	4	RFB63	2	P27275-3-APLT150412	18	P28495-1-SPLT120406	RS-043-M5	T20
BT50-SHP63-120M-4T-26Z	63	195	120	4	RFB63	2	P27275-3-APLT150412	24	P28495-1-SPLT120406	RS-043-M5	T20
BT50-SHP63-150M-4T-32Z	63	225	150	4	RFB63	2	P27275-3-APLT150412	30	P28495-1-SPLT120406	RS-043-M5	T20
BT50-SHP63-190M-4T-40Z	63	265	190	4	RFB63	2	P27275-3-APLT150412	38	P28495-1-SPLT120406	RS-043-M5	T20

BT50-SHP50-110M-4T-24Z

- 刀片数量
- 铣削刃数
- 铣削刃长
- 铣削直径
- 刀柄型号

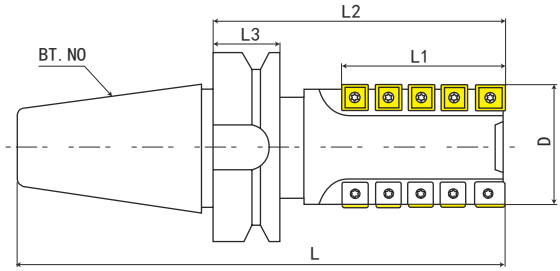
特点：

◎采用抗震性工具钢材质
◎整体预硬后，再行精修，避免二次处理所产生应变
◎高效能形粗铣刀，能加工深孔
◎尺寸可由刀杆随意变换深度，发挥最大效能

◎ Uses the anti-knocking tool steel material quality.
◎ After whole pre-hard,finishes again,avoids two processing having the strain
◎ With high efficiency,it can process on deep hole workpieces.
◎ By the changing of depth,if can achieve high effciency.

BT-SP 整体粗切削玉米铣刀 BT-SP CORN STALK CUTTER ROUGH CUT

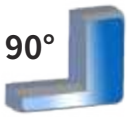


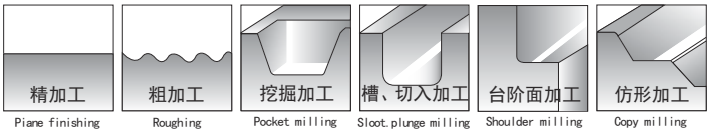



P.J29


P.J30


P.J32



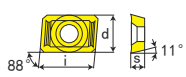
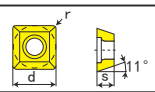
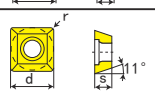
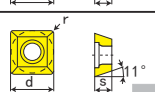


BT40-D63-78M-4T-16Z-SP

- 刀片形式
- 刀片数量
- 铣削刃数
- 铣削刃长
- 铣削直径
- 锥柄型号

规格 / 型号 Model	尺寸 Size(mm)					刃数 Teeth	Insert LPMT1504	Insert SPMT1204
	D	L1	L2	L3	L	T	Z	Z
BT40-D63-78M-4T-16Z-SP	63	78		27		4	2	14
BT40-D63-118M-4T-24Z-SP	63	118		27		4	2	22
BT50-D50-56M-4T-12Z-SP	50	56	126	38	228	4	2	10
BT50-D50-77M-4T-16Z-SP	50	77	146	38	248	4	2	14
BT50-D50-97M-4T-20Z-SP	50	97	166	38	268	4	2	18
BT50-D50-118M-4T-24Z-SP	50	118		38		4	2	22
BT50-D63-67M-4T-14Z-SP	63	67	136	38	258	4	2	12
BT50-D63-87M-4T-18Z-SP	63	87	156	38	258	4	2	16
BT50-D63-107M-4T-22Z-SP	63	107	176	38	278	4	2	20
BT50-D63-118M-4T-24Z-SP	63	118		38		4	2	22
BT50-D63-181M-4T-36Z-SP	63	181		38		4	2	34
BT50-D75-98M-6T-30Z-SP	75	98		38		6	2	28
BT50-D80-98M-6T-30Z-SP	80	98		38		6	2	28
BT50-D80-118M-6T-36Z-SP	80	118		38		6	2	34
BT50-D80-160M-6T-48Z-SP	80	160		38		6	2	46
BT50-D80-200M-6T-60Z-SP	80	200		38		6	2	58
BT50-D100-160M-6T-48Z-SP	100	160		38		6	2	46
BT50-D100-200M-6T-60Z-SP	100	200		38		6	2	58

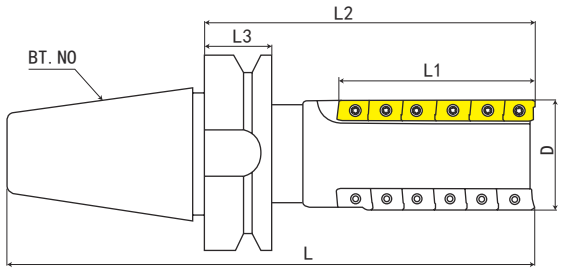
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	M	不锈钢	○	○	○	○	○	○			○				○一般切削
	K	铸铁				○					○				■断续切削
	N	铝及铝合金							■			■	■	○	
	S	高温合金													
	H	高度硬材													

形状 Form	规格 Type	镀层硬质合金		镀层超微粒				硬质合金			超硬微粒			尺寸 (mm)				图形 Drawing
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		OST05	OST20	OM4010	OM4025	OM4030	OM4040	TSP20	TSP25	MP91M	GH1	GH05	OM5005	d	i	s	r	
	LPMT1504-R01(P27275-3R)			●	●	●	●						●	12	15.88	4.76	-	
	SPMT120408-R01(P28495-1)			●	●	●	●						●	12	-	4.76	-	
	SPET120408-M02			●	●								●	12	-	4.76	0.8	
	SPMT120408-M02			●	●									12	-	4.76	0.8	

粗切削玉米铣刀系列 MILLING CUTTERS

BT-AP 整体粗切削玉米铣刀 BT-AP CORN STALK CUTTER ROUGH CUT

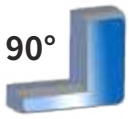


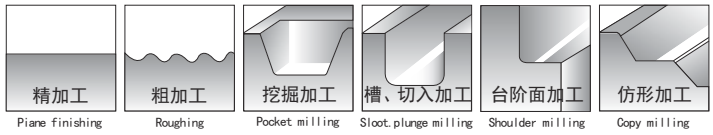



P.J29


P.J30

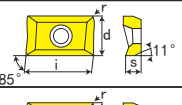
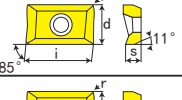
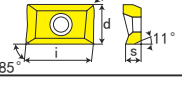

P.J32





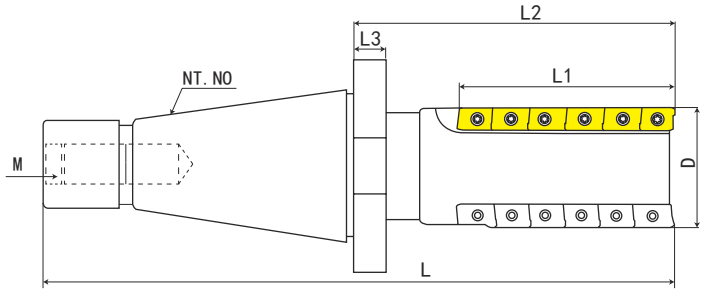
规格 / 型号 Model	尺寸 Size(mm)					刃数 Teeth	刀片 Blade	刀片数 Bladenumber	刀片螺丝 Blade screw	扳手 Wrench
	D	L1	L2	L3	L	T				
BT40-D40-54M-3T-12Z-AP16	40	54		27		3	AP..1604	12	M4*10	T15
BT40-D40-70M-3T-15Z-AP16	40	70		27		3	AP..1604	15	M4*10	T15
BT40-D45-56M-3T-12Z-AP16	45	56		27		3	AP..1604	12	M4*10	T15
BT40-D50-56M-4T-16Z-AP16	50	56		27		4	AP..1604	16	M4*10	T15
BT40-D50-68M-3T-15Z-AP16	50	68		27		3	AP..1604	15	M4*10	T15
BT40-D50-70M-4T-20Z-AP16	50	70		27		4	AP..1604	20	M4*10	T15
BT40-D50-108M-3T-24Z-AP16	50	108		27		3	AP..1604	24	M4*10	T15
BT40-D63-81M-4T-24Z-AP16	63	81		27		4	AP..1604	24	M4*10	T15
BT50-D40-54M-3T-12Z-AP16	40	54		38		3	AP..1604	12	M4*10	T15
BT50-D50-54M-4T-16Z-AP16	50	54		38		4	AP..1604	16	M4*10	T15
BT50-D50-68M-3T-15Z-AP16	50	68		38		3	AP..1604	15	M4*10	T15
BT50-D50-70M-4T-20Z-AP16	50	70		38		4	AP..1604	20	M4*10	T15
BT50-D50-81M-3T-18Z-AP16	50	81		38		3	AP..1604	18	M4*10	T15
BT50-D50-108M-3T-24Z-AP16	50	108		38		4	AP..1604	24	M4*10	T15
BT50-D63-54M-4T-16Z-AP16	63	54		38		4	AP..1604	16	M4*10	T15
BT50-D63-81M-4T-24Z-AP16	63	81		38		4	AP..1604	24	M4*10	T15
BT50-D63-95M-4T-28Z-AP16	63	95		38		4	AP..1604	28	M4*10	T15
BT50-D63-135M-4T-40Z-AP16	63	135		38		4	AP..1604	40	M4*10	T15
BT50-D80-99M-5T-35Z-AP16	80	99		38		5	AP..1604	35	M4*10	T15
BT50-D80-120M-5T-45Z-AP16	80	120		38		5	AP..1604	45	M4*10	T15
BT50-D80-135M-5T-50Z-AP16	80	135		38		5	AP..1604	50	M4*10	T15
BT50-D100-118M-6T-54Z-AP16	100	118		38		6	AP..1604	54	M4*10	T15
BT50-D100-160M-6T-72Z-AP16	100	160		38		6	AP..1604	72	M4*10	T15
BT50-D100-280M-6T-108Z-AP16	100	280		38		6	AP..1604	108	M4*10	T15

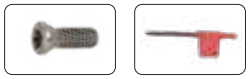
ISO 分类														切削状态：
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	M	不锈钢	○	○	○	○	○	○			○				○一般切削
	K	铸铁				○					○				■断续切削
	N	铝及铝合金								■		■	■	○	
	S	高温合金													
	H	高度硬材													

形状 Form	规格 Type	镀层硬质合金		镀层超微粒				硬质合金			超硬微粒			尺寸 (mm)				图形 Drawing
		HC		CHF				HW				HF		Size				
		OST05	OST20	OM4010	OM4025	OM4030	OM4040	TSP20	TSP25	MP91M	GH1	GH05	OM5005	d	i	s	r	
	APKT160408-M01				●	●								9.52	16.66	4.76	0.8	
	APEX1604PDFR-701										●	●		9.52	16.66	4.76	-	
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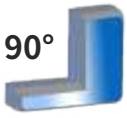
NT-AP 整体粗切削玉米铣刀 NT-AP CORN STALK CUTTER ROUGH CUT

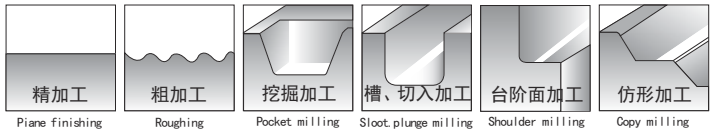






P.J30 P.J32



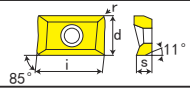
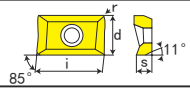
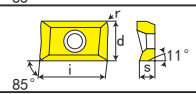


规格 / 型号 Model	尺寸 Size(mm)					刃数 Teeth	刀片 Blade	刀片数 Bladenum-ber	刀片螺丝 Blade screw	扳手 Wrench
	D	L1	L2	L3	L	T				
NT40-D40-42M-2T-16Z-AP16	40	42	85	12	192	2	AP..1604	16	M4*10	T15
NT40-D50-55M-3T-12Z-AP16	50	55	95	12	202	3	AP..1604	12	M4*10	T15
NT40-D63-68M-3T-15Z-AP16	63	68	110	12	217	3	AP..1604	15	M4*10	T15
NT50-D50-55M-3T-12Z-AP16	50	55	110	12	252	3	AP..1604	12	M4*10	T15
NT50-D63-68M-3T-15Z-AP16	63	68	125	12	267	3	AP..1604	15	M4*10	T15
NT50-D80-82M-4T-24Z-AP16	80	82	135	12	277	4	AP..1604	24	M4*10	T15

◎配件表

刀片 Insert	螺丝 Screw	扳手 Wrench	扭力值 (N.m)Torque
AP..1604	M4-10-5.7-60	T15	3.0

ISO 分类														切削状态：
	P	合金钢	○	○	○	○	○	○			○				●连续切削
	M	不锈钢	○	○	○	○	○	○			○				○一般切削
	K	铸铁				○					○				■断续切削
	N	铝及铝合金								■		■	■	○	
	S	高温合金													
	H	高度硬材													

形状 Form	规格 Type	镀层硬质合金		镀层超微粒				硬质合金			超硬微粒			尺寸 (mm)				图形 Drawing
		HC		CHF				HW				HF		Size				
		OST05	OST20	OM4010	OM4025	OM4030	OM4040	TSP20	TSP25	MP91M	GH1	GH05	OM5005	d	i	s	r	
	APKT160408-M01				●	●								9.52	16.66	4.76	0.8	
	APEX1604PDFR-701										●	●		9.52	16.66	4.76	-	
	APKT160408A-2C									●				9.52	16.66	4.76	0.8	

NT40-D40-42M-3T-16Z-AP

- 刀片形式
- 刀片数量
- 铣削刃数
- 铣削刃长
- 铣削直径
- 锥柄型号

特点：

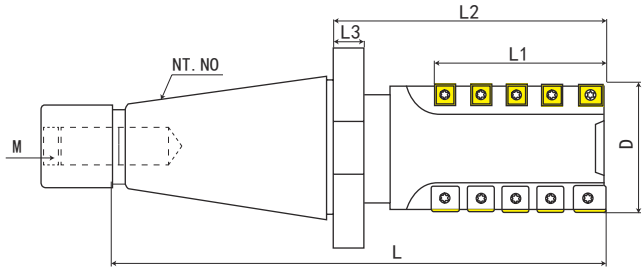
◎采用抗震性工具钢材质
◎整体预硬后，再行精修，避免二次处理所产生应变
◎高效能形粗铣刀，能加工深孔
◎尺寸可由刀杆随意变换深度，发挥最大效能

◎ Uses the anti-knocking tool steel material quality.
◎ After whole pre-hard,finishes again,avoids two processing having the strain
◎ With high efficiency,it can process on deep hole workpieces.
◎ By the changing of depth,if can achieve high effciency.

粗切削玉米铣刀系列 MILLING CUTTERS

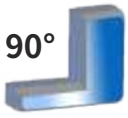
NT-SP 整体粗切削玉米铣刀 NT-SP CORN STALK CUTTER ROUGH CUT

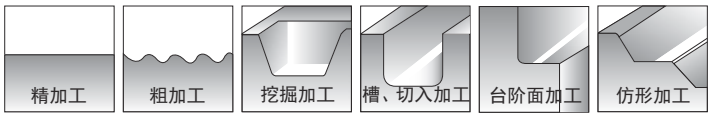





P.J30

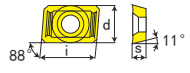
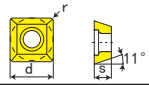
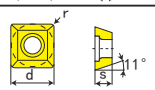
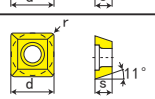

P.J32





规格 / 型号 Model	尺寸 Size(mm)					刃数 Teeth	Insert LPMT1504	Insert SPMT1204
	D	L1	L2	L3	L	T	Z	Z
NT40-D63-78M-4T-16Z-SP	63	78		12		4	2	14
NT40-D63-118M-4T-24Z-SP	63	118		12		4	2	22
NT50-D50-56M-2T-10Z-SP	50	56		12		2	2	8
NT50-D63-76M-2T-14Z-SP	63	76		12		2	2	12
NT50-D63-200M-4T-40Z-SP	63	200		12		4	2	38
NT50-D80-98M-6T-30Z-SP	80	98		12		6	3	27
NT50-D80-125M-6T-30Z-SP	80	125		12		6	3	27
NT50-D100-118M-6T-36Z-SP	100	118		12		6	3	33

ISO 分类														切削状态：
P	合金钢	○	○	○	○	○	○			○				●连续切削
M	不锈钢	○	○	○	○	○	○			○				○一般切削
K	铸铁				○					○				■断续切削
N	铝及铝合金								■		■	■	○	
S	高温合金													
H	高度硬材													

形状 Form	规格 Type	镀层硬质合金		镀层超微粒				硬质合金			超硬微粒			尺寸 (mm)				图形 Drawing
		HC		CHF				HW			HF			Size				
		OST05	OST20	OM4010	OM4025	OM4030	OM4040	TSP20	TSP25	MP91M	GH1	GH05	OM5005	d	i	s	r	
	LPMT1504-R01(P27275-3R)			●	●	●	●						●	12	15.88	4.76	-	
	SPMT120408-R01(P28495-1)			●	●	●	●						●	12	-	4.76	-	
	SPET120408-M02			●	●								●	12	-	4.76	0.8	
	SPMT120408-M02			●	●									12	-	4.76	0.8	

NT40-D63-78M-4T-16Z-SP

- 刀片形式
- 刀片数量
- 铣削刃数
- 铣削刃长
- 铣削直径
- 锥柄型号

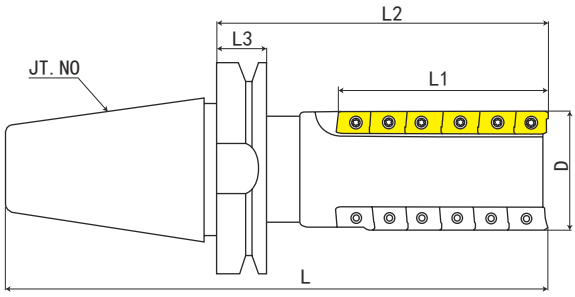
特点：

◎采用抗震性工具钢材质
◎整体预硬后，再行精修，避免二次处理所产生应变
◎高效能形粗铣刀，能加工深孔
◎尺寸可由刀杆随意变换深度，发挥最大效能

◎ Uses the anti-knocking tool steel material quality.
◎ After whole pre-hard,finishes again,avoids two processing having the strain
◎ With high efficiency,it can process on deep hole workpieces.
◎ By the changing of depth,if can achieve high effciency.

JT-AP 整体粗切削玉米铣刀 JT-AP CORN STALK CUTTER ROUGH CUT

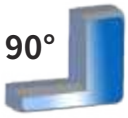


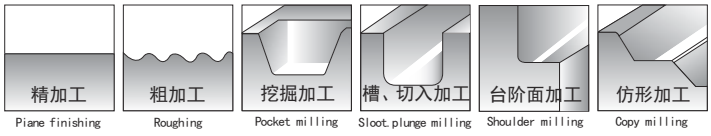



P.J24


P.J30


P.J32



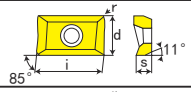
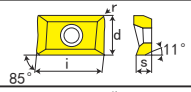
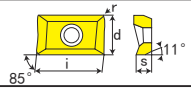


规格 / 型号 Model	尺寸 Size(mm)					刃数 Teeth	刀片 Blade	刀片数 Bladenum-ber	刀片螺丝 Blade screw	扳手 Wrench
	D	L1	L2	L3	L	T				
JT40-D40-42M-2T-16Z-AP16	40	42	85	16		2	AP..1604	16	M4*10	T15
JT40-D50-55M-3T-12Z-AP16	50	55	95	16		3	AP..1604	12	M4*10	T15
JT40-D63-68M-3T-15Z-AP16	63	68	110	16		3	AP..1604	15	M4*10	T15
JT50-D50-55M-3T-12Z-AP16	50	55	110	16		3	AP..1604	12	M4*10	T15
JT50-D63-68M-3T-15Z-AP16	63	68	125	16		3	AP..1604	15	M4*10	T15
JT50-D80-82M-4T-24Z-AP16	80	82	135	16		4	AP..1604	24	M4*10	T15

◎配件表

刀片 Insert	螺丝 Screw	扳手 Wrench	扭力值 (N.m)Torque
AP..1604	M4-10-5.7-60	T15	3.0

ISO 分类														切削状态：
	P	合金钢	○	○	○	○	○	○			○				●连续切削
	M	不锈钢	○	○	○	○	○	○			○				○一般切削
	K	铸铁				○					○				■断续切削
	N	铝及铝合金								■		■	■	○	
	S	高温合金													
	H	高度硬材													

形状 Form	规格 Type	镀层硬质合金		镀层超微粒				硬质合金			超硬微粒			尺寸 (mm)				图形 Drawing
		HC		CHF				HW				HF		Size				
		OST05	OST20	OM4010	OM4025	OM4030	OM4040	TSP20	TSP25	MP91M	GH1	GH05	OM5005	d	i	s	r	
	APKT160408-M01				●	●								9.52	16.66	4.76	0.8	
	APEX1604PDFR-701										●	●		9.52	16.66	4.76	-	
	APKT160408A-2C									●				9.52	16.66	4.76	0.8	

JT40-D40-42M-2T-16Z-AP

- 刀片形式
- 刀片数量
- 铣削刃数
- 铣削刃长
- 铣削直径
- 锥柄型号

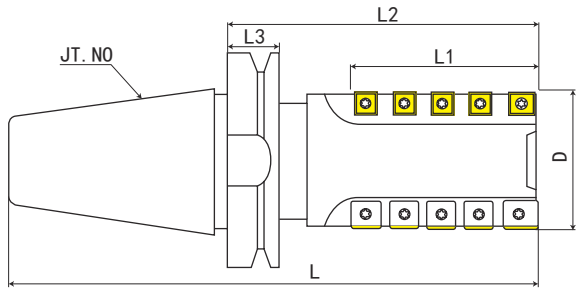
特点：

◎采用抗震性工具钢材质
◎整体预硬后，再行精修，避免二次处理所产生应变
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粗切削玉米铣刀系列 MILLING CUTTERS

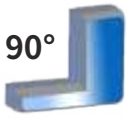
JT-SP 整体粗切削玉米铣刀 JT-SP CORN STALK CUTTER ROUGH CUT

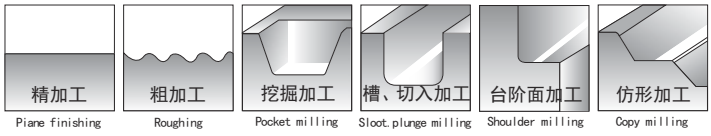



P.J24


P.J30

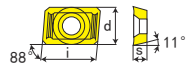
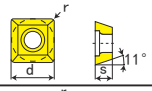
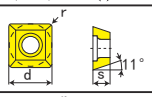
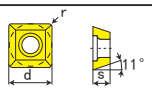

P.J32





规格 / 型号 Model	尺寸 Size(mm)					刃数 Teeth	Insert LPMT1504	Insert SPMT1204
	D	L1	L2	L3	L	T	Z	Z
JT40-D63-78M-4T-16Z-SP	63	78		16		4	2	14
JT40-D63-118M-4T-24Z-SP	63	118		16		4	2	22
JT50-D50-56M-2T-10Z-SP	50	56		16		2	2	8
JT50-D63-76M-2T-14Z-SP	63	76		16		2	2	12
JT50-D63-200M-4T-40Z-SP	63	200		16		4	2	38
JT50-D80-98M-6T-30Z-SP	80	98		16		6	3	27
JT50-D80-125M-6T-30Z-SP	80	125		16		6	3	27
JT50-D100-118M-6T-36Z-SP	100	118		16		6	3	33

ISO 分类														切削状态：
P	合金钢	○	○	○	○	○	○			○				●连续切削
M	不锈钢	○	○	○	○	○	○			○				○一般切削
K	铸铁				○					○				■断续切削
N	铝及铝合金								■		■	■	○	
S	高温合金													
H	高度硬材													

形状 Form	规格 Type	镀层硬质合金		镀层超微粒				硬质合金			超硬微粒			尺寸 (mm)				图形 Drawing
		HC		CHF				HW			HF			Size				
		OST05	OST20	OM4010	OM4025	OM4030	OM4040	TSP20	TSP25	MP91M	GH1	GH05	OM5005	d	i	s	r	
	LPMT1504-R01(P27275-3R)			●	●	●	●						●	12	15.88	4.76	-	
	SPMT120408-R01(P28495-1)			●	●	●	●						●	12	-	4.76	-	
	SPET120408-M02			●	●								●	12	-	4.76	0.8	
	SPMT120408-M02			●	●									12	-	4.76	0.8	

JT40-D63-78M-4T-16Z-SP

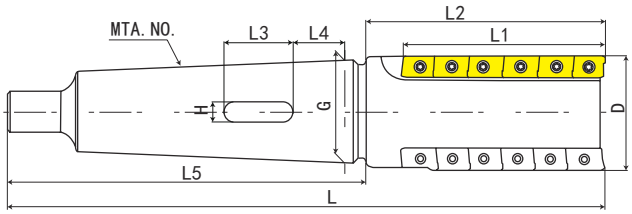
- 刀片形式
- 刀片数量
- 铣削刃数
- 铣削刃长
- 铣削直径
- 锥柄型号

特点：

◎采用抗震性工具钢材质
◎整体预硬后，再行精修，避免二次处理所产生应变
◎高效能形粗铣刀，能加工深孔
◎尺寸可由刀杆随意变换深度，发挥最大效能

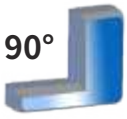
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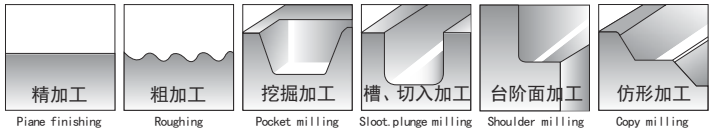
MTA-AP 整体粗切削玉米铣刀 MTA-AP CORN STALK CUTTER ROUGH CUT




P.J30


P.J32



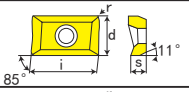
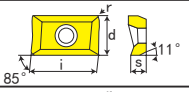
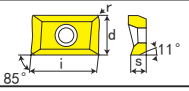


规格 / 型号 Model	尺寸 Size(mm)									刃数 Teeth	刀片 Blade	刀片数 Bladenum-ber	刀片螺丝 Blade screw	扳手 Wrench
	D	L1	L2	L3	L4	L5	L	H	G	T				
MTA5-D40-54M-3T-12Z-AP	40	54		40	35	156		13	44.399	3	AP..1604	12	M4*10	T15
MTA5-D50-54M-4T-16Z-AP	50	54		40	35	156		13	44.399	4	AP..1604	16	M4*10	T15
MTA5-D50-68M-3T-15Z-AP	50	68		40	35	156		13	44.399	3	AP..1604	15	M4*10	T15
MTA5-D50-81M-3T-18Z-AP	50	81		40	35	156		13	44.399	3	AP..1604	18	M4*10	T15
MTA6-D63-81M-4T-24Z-AP	63	81		40	45	218		17	63.348	4	AP..1604	24	M4*10	T15
MTA6-D63-95M-4T-28Z-AP	63	95		40	45	218		17	63.348	4	AP..1604	28	M4*10	T15
MTA6-D80-95M-5T-35Z-AP	80	95		40	45	218		17	63.348	5	AP..1604	35	M4*10	T15
MTA6-D80-135M-5T-50Z-AP	80	135		40	45	218		17	63.348	5	AP..1604	50	M4*10	T15
公制 80-D80-95M-5T-35Z-AP	80	95		45	55	228		20	80.00	5	AP..1604	35	M4*10	T15
公制 80-D80-135M-5T-50Z-AP	80	135		45	55	228		20	80.00	5	AP..1604	50	M4*10	T15

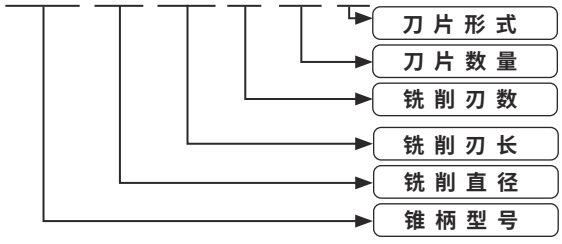
◎配件表

刀片 Insert	螺丝 Screw	扳手 Wrench	扭力值 (N.m)Torque
AP..1604	M4-10-5.7-60	T15	3.0

ISO 分类															切削状态：
	P	合金钢	○	○	○	○	○	○			○				●连续切削
	M	不锈钢	○	○	○	○	○	○			○				○一般切削
	K	铸铁				○					○				■断续切削
	N	铝及铝合金								■		■	■	○	
	S	高温合金													
	H	高度硬材													

形状 Form	规格 Type	镀层硬质合金		镀层超微粒				硬质合金			超硬微粒			尺寸 (mm) Size				图形 Drawing
		HC		CHF				HW				HF						
		OST05	OST20	OM4010	OM4025	OM4030	OM4040	TSP20	TSP25	MP91M	GH1	GH05	OM5005	d	i	s	r	
	APKT160408-M01				●	●								9.52	16.66	4.76	0.8	
	APEX1604PDFR-701										●	●		9.52	16.66	4.76	-	
	APKT160408A-2C									●				9.52	16.66	4.76	0.8	

MTA5-D40-54M-3T-12Z-AP



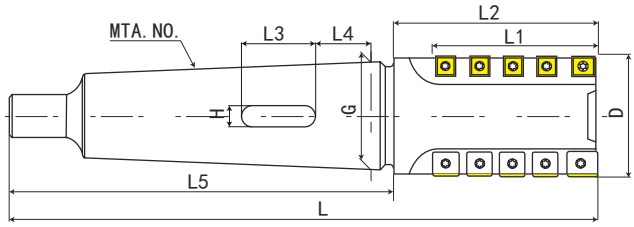
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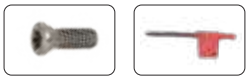
◎采用抗震性工具钢材质
◎整体预硬后，再行精修，避免二次处理所产生应变
◎高效能形粗铣刀，能加工深孔
◎尺寸可由刀杆随意变换深度，发挥最大效能

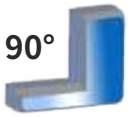
◎ Uses the anti-knocking tool steel material quality.
◎ After whole pre-hard,finishes again,avoids two processing having the strain
◎ With high efficiency,it can process on deep hole workpieces.
◎ By the changing of depth,if can achieve high effciency.

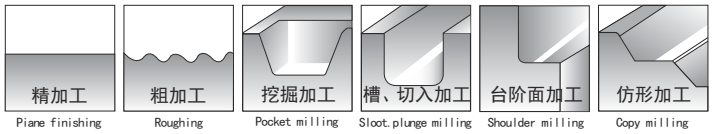
粗切削玉米铣刀系列 MILLING CUTTERS

MTA-SP 整体粗切削玉米铣刀 MTA-SP CORN STALK CUTTER ROUGH CUT



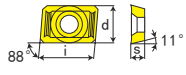
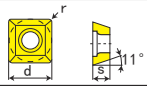
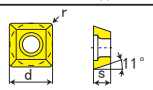
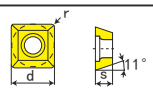






规格 / 型号 Model	尺寸 Size(mm)									刃数 Teeth	Insert LPMT1504	Insert SPMT1204	刀片螺丝 Blade screw	扳手 Wrench
	D	L1	L2	L3	L4	L5	L	H	G	T	Z	Z		
MTA5-D50-56M-4T-12Z-SP	50	56		40	35	156		13	44.399	4	2	10	M4*10	T15
MTA5-D50-78M-4T-16Z-SP	50	78		40	35	156		13	44.399	4	2	14	M4*10	T15
MTA5-D50-98M-4T-20Z-SP	50	98		40	35	156		13	44.399	4	2	18	M4*10	T15
MTA5-D50-118M-4T-24Z-SP	50	118		40	35	156		13	44.399	4	2	22	M4*10	T15
MTA6-D63-56M-4T-12Z-SP	63	56		40	45	218		17	63.348	4	2	10	M4*10	T15
MTA6-D63-98M-4T-20Z-SP	63	98		40	45	218		17	63.348	4	2	18	M4*10	T15
MTA6-D63-120M-4T-24Z-SP	63	120		40	45	218		17	63.348	4	2	22	M4*10	T15
MTA6-D63-160M-4T-32Z-SP	63	160		40	45	218		17	63.348	4	2	30	M4*10	T15
MTA6-D80-150M-6T-45Z-SP	80	150		40	45	218		17	63.348	6	3	42	M4*10	T15
公制 80-D80-98M-6T-30Z-SP	80	98		45	55	228		20	80.00	6	3	27	M4*10	T15
公制 80-D80-118M-6T-36Z-SP	80	118		45	55	228		20	80.00	6	3	33	M4*10	T15
公制 80-D80-140M-6T-39Z-SP	80	140		45	55	228		20	80.00	6	3	36	M4*10	T15

ISO 分类														切削状态：
P	合金钢	○	○	○	○	○	○			○				●连续切削
M	不锈钢	○	○	○	○	○	○			○				○一般切削
K	铸铁				○					○				■断续切削
N	铝及铝合金								■		■	■	○	
S	高温合金													
H	高度硬材													

形状 Form	规格 Type	镀层硬质合金 HC		镀层超微粒 CHF				硬质合金 HW			超硬微粒 HF			尺寸 (mm) Size				图形 Drawing
		OST05	OST20	OM4010	OM4025	OM4030	OM4040	TSP20	TSP25	MP91M	GH1	GH05	OM5005	d	i	s	r	
	LPMT1504-R01(P27275-3R)			●	●	●	●						●	12	15.88	4.76	-	
	SPMT120408-R01(P28495-1)			●	●	●	●						●	12	-	4.76	-	
	SPET120408-M02			●	●								●	12	-	4.76	0.8	
	SPMT120408-M02			●	●									12	-	4.76	0.8	

MTA5-D50-56M-4T-12Z-SP

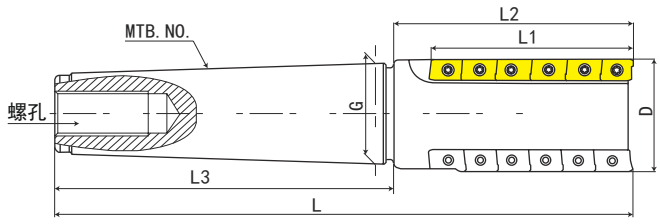
- 刀片形式
- 刀片数量
- 铣削刃数
- 铣削刃长
- 铣削直径
- 锥柄型号

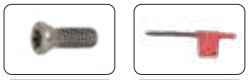
特点：

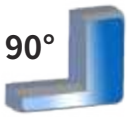
◎采用抗震性工具钢材质
◎整体预硬后，再行精修，避免二次处理所产生应变
◎高效能形粗铣刀，能加工深孔
◎尺寸可由刀杆随意变换深度，发挥最大效能

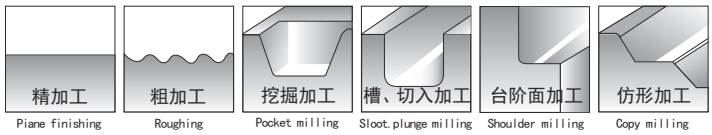
◎ Uses the anti-knocking tool steel material quality.
◎ After whole pre-hard,finishes again,avoids two processing having the strain
◎ With high efficiency,it can process on deep hole workpieces.
◎ By the changing of depth,if can achieve high effciency.

MTB-AP 整体粗切削玉米铣刀 MTB-AP CORN STALK CUTTER ROUGH CUT







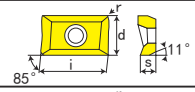
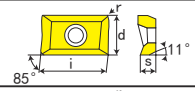
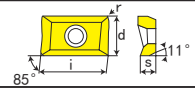


规格 / 型号 Model	尺寸 Size(mm)						刃数 Teeth	刀片 Blade	刀片数 Bladenum-ber	刀片螺丝 Blade screw	扳手 Wrench
	D	L1	L2	L3	L	G	T				
MTB4-D32-42M-2T-6Z-AP	32	42		108		31.267	2	AP..1604	6	M4*10	T15
MTB4-D32-54M-2T-8Z-AP	32	54		108		31.267	2	AP..1604	8	M4*10	T15
MTB4-D40-56M-3T-12Z-AP	40	56		108		31.267	3	AP..1604	12	M4*10	T15
MTB4-D40-68M-3T-15Z-AP	40	68		108		31.267	3	AP..1604	15	M4*10	T15
MTB4-D40-81M-3T-18Z-AP	40	81		108		31.267	3	AP..1604	18	M4*10	T15
MTB5-D40-54M-3T-12Z-AP	40	54		136		44.399	3	AP..1604	12	M4*10	T15
MTB5-D50-54M-4T-16Z-AP	50	54		136		44.399	4	AP..1604	16	M4*10	T15
MTB5-D50-68M-3T-15Z-AP	50	68		136		44.399	3	AP..1604	15	M4*10	T15
MTB5-D50-81M-3T-18Z-AP	50	81		136		44.399	3	AP..1604	18	M4*10	T15

◎配件表

刀片 Insert	螺丝 Screw	扳手 Wrench	扭力值 (N.m)Torque
AP..1604	M4-10-5.7-60	T15	3.0

ISO 分类														切削状态：
	P	合金钢	○	○	○	○	○	○			○				●连续切削
	M	不锈钢	○	○	○	○	○	○			○				○一般切削
	K	铸铁				○					○				■断续切削
	N	铝及铝合金								■		■	■	○	
	S	高温合金													
	H	高度硬材													

形状 Form	规格 Type	镀层硬质合金		镀层超微粒				硬质合金			超硬微粒			尺寸 (mm)				图形 Drawing
		HC		CHF				HW				HF		Size				
		OST05	OST20	OM4010	OM4025	OM4030	OM4040	TSP20	TSP25	MP91M	GH1	GH05	OM5005	d	i	s	r	
	APKT160408-M01				●	●								9.52	16.66	4.76	0.8	
	APEX1604PDFR-701										●	●		9.52	16.66	4.76	-	
	APKT160408A-2C									●				9.52	16.66	4.76	0.8	

MTB4-D32-42M-2T-6Z-AP

- 刀片形式
- 刀片数量
- 铣削刃数
- 铣削刃长
- 铣削直径
- 锥柄型号

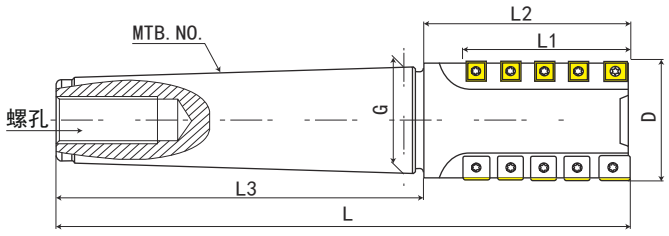
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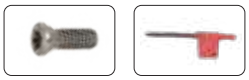
◎采用抗震性工具钢材质
◎整体预硬后，再行精修，避免二次处理所产生应变
◎高效能形粗铣刀，能加工深孔
◎尺寸可由刀杆随意变换深度，发挥最大效能

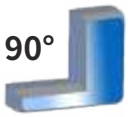
◎ Uses the anti-knocking tool steel material quality.
◎ After whole pre-hard,finishes again,avoids two processing having the strain
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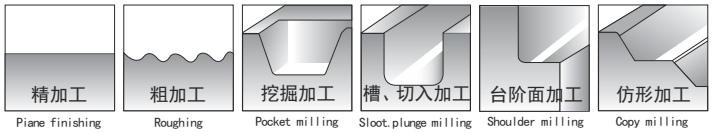
粗切削玉米铣刀系列 MILLING CUTTERS

MTB-SP 整体粗切削玉米铣刀 MTB-SP CORN STALK CUTTER ROUGH CUT



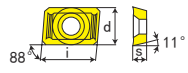
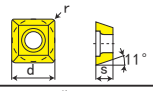
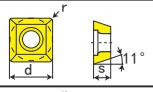
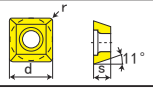






规格 / 型号 Model	尺寸 Size(mm)						刃数 Teeth	Insert LPMT1504	Insert SPMT1204	刀片螺丝 Blade screw	扳手 Wrench
	D	L1	L2	L3	L	G	T	Z	Z		
MTB3-D20-32M-2T-7Z-SP	20	32		85		17.780	2	1	6	M4*10	T15
MTB3-D25-32M-2T-7Z-SP	25	32		85		17.780	2	1	6	M4*10	T15
MTB3-D32-42M-2T-6Z-SP	32	42		85		17.780	2	1	5	M4*10	T15
MTB4-D25-32M-2T-7Z-SP	25	32		108		31.267	2	1	6	M4*10	T15
MTB4-D32-42M-2T-6Z-SP	32	42		108		31.267	2	1	5	M4*10	T15
MTB4-D40-56M-4T-14Z-SP	40	56		108		31.267	4	2	12	M4*10	T15
MTB5-D40-56M-4T-14Z-SP	40	56		136		44.399	4	2	12	M4*10	T15
MTB5-D50-56M-4T-16Z-SP	50	56		136		44.399	4	2	14	M4*10	T15
MTB5-D50-78M-4T-16Z-SP	50	78		136		44.399	4	2	14	M4*10	T15
MTB5-D50-160M-4T-32Z-SP	50	160		136		44.399	4	2	30	M4*10	T15

ISO 分类														切削状态：
P	合金钢	○	○	○	○	○	○			○				●连续切削
M	不锈钢	○	○	○	○	○	○			○				○一般切削
K	铸铁				○					○				■断续切削
N	铝及铝合金								■		■	■	○	
S	高温合金													
H	高度硬材													

形状 Form	规格 Type	镀层硬质合金		镀层超微粒				硬质合金			超硬微粒			尺寸 (mm)				图形 Drawing
		HC		CHF				HW			HF			Size				
		OST05	OST20	OM4010	OM4025	OM4030	OM4040	TSP20	TSP25	MP91M	GH1	GH05	OM5005	d	i	s	r	
	LPMT1504-R01(P27275-3R)			●	●	●	●						●	12	15.88	4.76	-	
	SPMT120408-R01(P28495-1)			●	●	●	●						●	12	-	4.76	-	
	SPET120408-M02			●	●								●	12	-	4.76	0.8	
	SPMT120408-M02			●	●									12	-	4.76	0.8	

MTB3-D20-32M-2T-7Z-SP

- 刀片形式
- 刀片数量
- 铣削刃数
- 铣削刃长
- 铣削直径
- 锥柄型号

特点：

◎采用抗震性工具钢材质
◎整体预硬后，再行精修，避免二次处理所产生应变
◎高效能形粗铣刀，能加工深孔
◎尺寸可由刀杆随意变换深度，发挥最大效能

◎ Uses the anti-knocking tool steel material quality.
◎ After whole pre-hard,finishes again,avoids two processing having the strain
◎ With high efficiency,it can process on deep hole workpieces.
◎ By the changing of depth,if can achieve high effciency.

舍弃式快速U钻
INDEXABLE INSERT DRILL



舍弃式快速U钻
INDEXABLE INSERT DRILL

舍弃式快速钻头技术信息 DISCARD-STYLE FAST-BIT TECHNICAL INFORMATION

快速钻加工相关参数计算方法
Related to the processing parameters of shallow hole drilling method of calculation

切削速度（Vc）

$$Vc = \frac{Dc \times \pi \times n}{1000}$$

Vc（m/min）：切削速度
Dc(mm)：钻头直径
n(rev/min)：转速

实例
主轴转速为 1600rev/min，钻头直径为 ϕ20mm，其切削速度为：

$$Vc = \frac{Dc \times \pi \times n}{1000} = \frac{20 \times 3.14 \times 1600}{1000} = 100(m/min)$$

进给速度

$$Vf = fr \times n$$

Vf（mm/min）：进给速度
Fr(mm/rev)：每转进给量
n(rev/min)：主轴转速

实例
主轴转速为 1500rev/min，每转进给量为 0.1mm/rev，其进给速度为：

$$Vf = fr \times n = 0.1 \times 1500 = 150(mm/min)$$

孔加工时间

$$Tc = \frac{Id \times i}{n \times f}$$

Tc（min）：加工时间 Fr(mm/rev)：每转进给量 i= 孔数量
Id(min)：钻孔深 n(rev/min)：主轴转速

实例
钻一个直径为 ϕ20mm，深为 40mm 的孔，切削速度为 100m/min，
每转进给量为 0.1mm/rev，求钻削时间。

$$Vc = \frac{Vc \times 1000}{Dc \times \pi} = \frac{100 \times 1000}{20 \times 3.14} = 1600(rev/min)$$

$$Tc = \frac{Id \times i}{n \times f} = \frac{40 \times 1}{1600 \times 0.1} = 0.25(min)$$

金属去除率

$$Q = \frac{Vf \times \pi \times Dc^2}{4 \times 1000}$$

Q（cm^3/min）：金属去除率
Dc(mm)：钻头直径
Vf(mm/min)：进给速度

实例
一个直径为 ϕ20mm 的钻头，加工时的进给速度为 160mm/rev，其金属去除率为：

$$Q = \frac{Vf \times \pi \times Dc^2}{4 \times 1000} = \frac{160 \times 3.14 \times 20^2}{20 \times 3.14} = 50.24(cm^3/min)$$

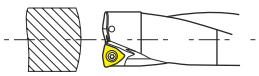
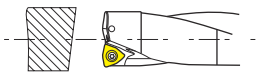
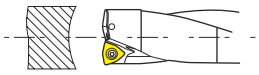
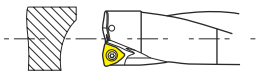
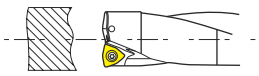
舍弃式快速钻头技术信息 DISCARD-STYLE FAST-BIT TECHNICAL INFORMATION

钻头的钻入

钻头的钻入是钻削成功的重要因素。保证良好的孔质量的方法之一是保证工件的钻入表面与钻头的中心轴垂直。此外，可转位浅孔钻还可以通过调整进给，不加工凸的、凹的、倾斜的秒不规则的钻入表面。

Drill drill into

Drill drill into is an important factor in the success of drilling.To ensure good quality of the hole one of the ways is to ensure that the workpiece surface and drill drill into the center of The vertical axis. In addition, indexable drill shallow holes can also adjust the feed, to process convex, concave, and sloping and irregular drill into the surface.

加工表面情况 Surface conditions	应对措施 Response
	对于凸的表面，其加工条件相对较好，并且钻心能理想地首先与工件接触，因而可采用正常进给。
	被钻削的零件表面为倾斜表面，切削刃受到不均匀的负荷会使切削刃过早的磨损。如果倾斜表面的角度超过 2°，进给应减小到推荐值的 1/3.
	在钻入凹的表面时，通常会造成钻头轴心偏离中心，对于这种情况进给应减小到推荐值的 1/3.
	在钻入不对称的曲面时，由于是钻入倾斜表面，所以钻头可能会偏离中心，此时进给的选择比钻入凹表面时应更小。
	在钻入不规则表面时，会出现刀片崩刃的危险，在开始钻削时必须减小进给量，同时在钻头钻通时也可能会出现这种情况，因此也必须减小进给。

※ 一般注意事项：

◇强烈推荐使用高压中心内冷方式切削，内冷式切削可以最大限度的发挥钻头的切削效能，有效避免切削的堆积、刀片的破损和以及已加工内表面的破坏，保证加工的可靠性。
◇使用外冷方式钻削，钻深不要超过 1.5D；必须钻深时，推荐采用啄钻方式加工。
◇为达最佳切削效果；
1 检测刀柄刚性；
2 尽量减少刀具与主轴轴线偏差；
3 采用推荐的切削方式；
◇外深 2D & 3D 时冷却液压力最小 4kg/cm2，钻深 4D 时冷却液压力最小 5kg/cm2 以上。
◇加工孔径公差：通常情况下钻深为 2D/3D 时为 0/+0.25，4D 时为 0/+0.40，但会随机床和加工条件不同而变化。
◇避免在超过 6°的斜面、中凹面、凹凸不平面上开始钻孔，这样很容易使钻头偏离中心或使钻头崩刃，如果必须这样做则钻削进给量必须减少到推荐值的 1/3 左右。
◇如果零件上已有预钻孔，则该孔的孔径不得超过成品尺寸的 1/4，否则会引偏钻头。
◇钻削有相贯孔的零件与或多一层叠加在一起的板材时进给量必须减小到推荐值的 1/3 左右。

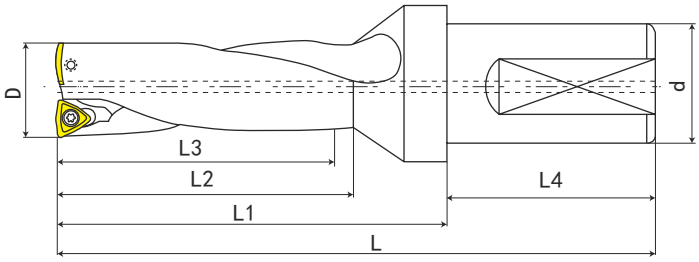
※ 车床使用注意事项（钻头不旋转）：

◇确保刀具轴线与主腊梅花同心度小于 0.03mm，必要时需要进行适当校正。
◇钻头的安装应使周边刀片的表面平行于机床 X 轴的运动方向，并使周边刀片靠刀塔外侧安装。
◇保证上述条件满足，沿机床 X 轴方向移动刀具轴线，可获得不同钻孔直径。
◇如果加工公差没有达到要求，请按上述项目逐项检查并适当调整切削参数，发送冷却条件。
◇请注意如果您的 CNC 车床有过撞击的经历，则很难保证刀具轴线与主轴同心的要求。
◇警告：钻穿工件时，工件底面将高速飞出一团盘状废料，必须采取适当防护措施以保证安全。

舍弃式快速钻头 INDEXABLE INSERT DRILL

WC 舍弃式快速 U 钻（2 倍径） WC INDEXABLE INSERT DRILL(2xD)






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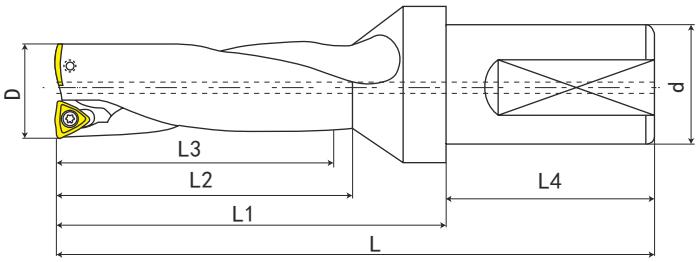

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钻孔公差（Hole tolerance） 0/+0.25mm
钻头公差（Tolerance,D） 0/+0.20mm
最大钻深（Max hole depth,L1） 2XD

型号 Cat.No	D	L1	L2	L3	L4	L	d	刀片 Insert	螺钉 Clamp scrwe	扳手 Wrench
WC14-28-C25*2D	14	57	33	28	56	113	25	WCMX030208	M2.5*5	T8
WC14.5-29-C25*2D	14.5	57	34	29	56	113	25	WCMX030208	M2.5*5	T8
WC15-30-C25*2D	15	57	35	30	56	113	25	WCMX030208	M2.5*5	T8
WC15.5-31-C25*2D	15.5	57	36	31	56	113	25	WCMX030208	M2.5*5	T8
WC16-32-C25*2D	16	58	37	32	56	114	25	WCMX030208	M2.5*5	T8
WC16.5-33-C25*2D	16.5	58	38	33	56	114	25	WCMX030208	M2.5*5	T8
WC17-34-C25*2D	17	60	39	34	56	116	25	WCMX030208	M2.5*5	T8
WC17.5-35-C25*2D	17.5	60	40	35	56	116	25	WCMX030208	M2.5*5	T8
WC18-36-C25*2D	18	63	41	36	56	119	25	WCMX030208	M2.5*5	T8
WC18.5-37-C25*2D	18.5	63	42	37	56	119	25	WCMX030208	M2.5*5	T8
WC19-38-C25*2D	19	65	43	38	56	121	25	WCMX030208	M2.5*5	T8
WC19.5-39-C25*2D	19.5	65	44	39	56	121	25	WCMX030208	M2.5*5	T8
WC20-40-C25*2D	20	69	45	40	56	125	25	WCMX040208	M2.5*6	T8
WC20.5-41-C25*2D	20.5	69	46	41	56	125	25	WCMX040208	M2.5*6	T8
WC21-42-C25*2D	21	71	47	42	56	127	25	WCMX040208	M2.5*6	T8
WC21.5-43-C25*2D	21.5	71	48	43	56	127	25	WCMX040208	M2.5*6	T8
WC22-44-C25*2D	22	73	49	44	56	129	25	WCMX040208	M2.5*6	T8
WC22.5-45-C25*2D	22.5	73	50	45	56	129	25	WCMX040208	M2.5*6	T8
WC23-46-C25*2D	23	76	51	46	56	132	25	WCMX040208	M2.5*6	T8
WC23.5-47-C25*2D	23.5	76	52	47	56	132	25	WCMX040208	M2.5*6	T8
WC24-48-C25*2D	24	79	53	48	56	135	25	WCMX050308	M3.0*7	T8
WC24.5-49-C25*2D	24.5	79	54	49	56	135	25	WCMX050308	M3.0*7	T8
WC25-50-C25*2D	25	82	55	50	56	138	25	WCMX050308	M3.0*7	T8
WC25.5-51-C25*2D	25.5	82	56	51	56	138	25	WCMX050308	M3.0*7	T8
WC26-52-C32*2D	26	84	57	52	60	144	32	WCMX050308	M3.0*7	T8
WC26.5-53-C32*2D	26.5	84	58	53	60	144	32	WCMX050308	M3.0*7	T8
WC27-54-C32*2D	27	86	59	54	60	146	32	WCMX050308	M3.0*7	T8
WC27.5-55-C32*2D	27.5	86	60	55	60	146	32	WCMX050308	M3.0*7	T8
WC28-56-C32*2D	28	89	61	56	60	149	32	WCMX050308	M3.0*7	T8
WC28.5-57-C32*2D	28.5	89	62	57	60	149	32	WCMX050308	M3.0*7	T8
WC29-58-C32*2D	29	91	63	58	60	151	32	WCMX050308	M3.0*7	T8
WC29.5-59-C32*2D	29.5	91	64	59	60	151	32	WCMX050308	M3.0*7	T8
WC30-60-C32*2D	30	95	65	60	60	155	32	WCMX050308	M3.0*7	T8
WC30.5-61-C32*2D	30.5	95	66	61	60	155	32	WCMX050308	M3.0*7	T8
WC31-62-C32*2D	31	98	67	62	60	158	32	WCMT06T308	M3.5*8	T15
WC31.5-63-C32*2D	31.5	98	68	63	60	158	32	WCMT06T308	M3.5*8	T15
WC32-64-C32*2D	32	100	69	64	60	160	32	WCMT06T308	M3.5*8	T15
WC32.5-65-C32*2D	32.5	100	70	65	60	160	32	WCMT06T308	M3.5*8	T15
WC33-66-C32*2D	33	103	71	66	60	163	32	WCMT06T308	M3.5*8	T15
WC33.5-67-C32*2D	33.5	103	72	67	60	163	32	WCMT06T308	M3.5*8	T15
WC34-68-C32*2D	34	105	73	68	60	165	32	WCMT06T308	M3.5*8	T15
WC34.5-69-C32*2D	34.5	105	74	69	60	165	32	WCMT06T308	M3.5*8	T15

WC 舍弃式快速 U 钻（2 倍径） WC INDEXABLE INSERT DRILL(2xD)






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P.J31

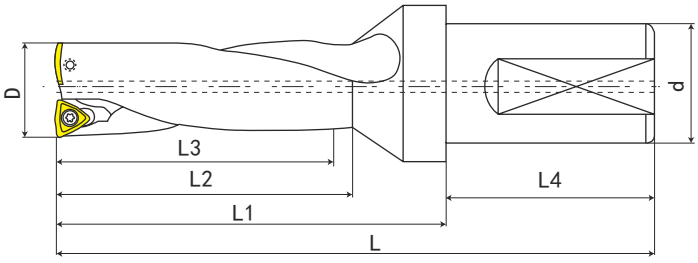
钻孔公差（Hole tolerance） 0/+0.25mm
钻头公差（Tolerance,D） 0/+0.20mm
最大钻深（Max hole depth,L1） 2XD

型号 Cat.No	D	L1	L2	L3	L4	L	d	刀片 Insert	螺钉 Clamp scrwe	扳手 Wrench
WC35-70-C32*2D	35	108	75	70	60	168	32	WCMT06T308	M3.5*8	T15
WC35.5-71-C32*2D	35.5	108	76	71	60	168	32	WCMT06T308	M3.5*8	T15
WC36-72-C32*2D	36	108	77	72	60	168	32	WCMT06T308	M3.5*8	T15
WC36.5-73-C32*2D	36.5	108	78	73	60	168	32	WCMT06T308	M3.5*8	T15
WC37-74-C32*2D	37	113	79	74	60	173	32	WCMT06T308	M3.5*8	T15
WC37.5-75-C32*2D	37.5	113	80	75	60	173	32	WCMT06T308	M3.5*8	T15
WC38-76-C32*2D	38	116	81	76	60	176	32	WCMT06T308	M3.5*8	T15
WC38.5-77-C32*2D	38.5	116	82	77	60	176	32	WCMT06T308	M3.5*8	T15
WC39-78-C32*2D	39	118	83	78	60	178	32	WCMT06T308	M3.5*8	T15
WC39.5-79-C32*2D	39.5	118	84	79	60	178	32	WCMT06T308	M3.5*8	T15
WC40-80-C32*2D	40	121	85	80	60	181	32	WCMT06T308	M3.5*8	T15
WC40.5-81-C32*2D	40.5	121	86	81	60	181	32	WCMT06T308	M3.5*8	T15
WC41-82-C32*2D	41	124	87	82	60	184	32	WCMT06T308	M3.5*8	T15
WC41.5-83-C32*2D	41.5	124	88	83	60	184	32	WCMT06T308	M3.5*8	T15
WC42-84-C40*2D	42	126	89	84	70	196	40	WCMT080412	M4*10	T15
WC43-86-C40*2D	43	128	91	86	70	198	40	WCMT080412	M4*10	T15
WC44-88-C40*2D	44	131	93	88	70	201	40	WCMT080412	M4*10	T15
WC45-90-C40*2D	45	133	95	90	70	203	40	WCMT080412	M4*10	T15
WC46-92-C40*2D	46	136	97	92	70	206	40	WCMT080412	M4*10	T15
WC47-94-C40*2D	47	138	99	94	70	208	40	WCMT080412	M4*10	T15
WC48-96-C40*2D	48	141	101	96	70	211	40	WCMT080412	M4*10	T15
WC49-98-C40*2D	49	143	103	98	70	213	40	WCMT080412	M4*10	T15
WC50-100-C40*2D	50	143	105	100	70	213	40	WCMT080412	M4*10	T15
WC51-102-C40-2D	51	143	107	102	70	213	40	WCMT080412	M4*10	T15
WC52-104-C40*2D	52	143	109	104	70	213	40	WCMT080412	M4*10	T15
WC53-106-C40*2D	53	143	111	106	70	213	40	WCMT080412	M4*10	T15
WC54-108-C40*2D	54	143	113	108	70	213	40	WCMT080412	M4*10	T15
WC55-110-C40*2D	55	143	115	110	70	213	40	WCMT080412	M4*10	T15
WC56-112-C40*2D	56	149	117	112	70	219	40	WCMT080412	M4*10	T15
WC57-114-C40*2D	57	149	119	114	70	219	40	WCMT080412	M4*10	T15
WC58-116-C40*2D	58	149	121	116	70	219	40	WCMT080412	M4*10	T15
WC59-118-C40*2D	59	156	123	118	70	226	40	WCMT080412	M4*10	T15
WC60-120-C40*2D	60	156	125	120	70	226	40	WCMT080412	M4*10	T15
WC61-122-C40*2D	61	159	127	122	70	229	40	WCMT080412	M4*10	T15
WC62-124-C40*2D	62	159	129	124	70	229	40	WCMT080412	M4*10	T15
WC63-126-C40*2D	63	159	131	126	70	229	40	WCMT06T308	M3.5*8	T15
WC64-128-C40*2D	64	159	133	128	70	229	40	WCMT06T308	M3.5*8	T15
WC65-130-C40-2D	65	165	135	130	70	235	40	WCMT06T308	M3.5*8	T15
WC66-132-C40-2D	66	165	137	132	70	235	40	WCMT06T308	M3.5*8	T15
WC67-134-C40-2D	67	168	139	134	70	238	40	WCMT06T308	M3.5*8	T15
WC68-136-C40-2D	68	168	141	136	70	238	40	WCMT06T308	M3.5*8	T15
WC69-138-C40-2D	69	171	143	138	70	241	40	WCMT06T308	M3.5*8	T15
WC70-140-C40-2D	70	171	145	140	70	241	40	WCMT06T308	M3.5*8	T15

舍弃式快速钻头 INDEXABLE INSERT DRILL

WC 舍弃式快速 U 钻（3 倍径） WC INDEXABLE INSERT DRILL(3xD)






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P.J30

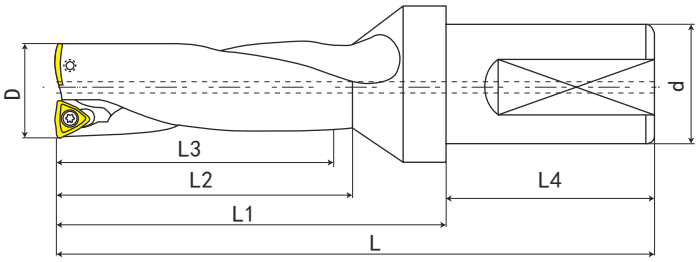

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钻孔公差（Hole tolerance） 0/+0.25mm
钻头公差（Tolerance,D） 0/+0.20mm
最大钻深（Max hole depth,L1） 3XD

型号 Cat.No	D	L1	L2	L3	L4	L	d	刀片 Insert	螺钉 Clamp scrwe	扳手 Wrench
WC14-42-C25*3D	14	71	47	42	56	127	25	WCMX030208	M2.5*5	T8
WC14.5-43.5-C25*3D	14.5	71	48.5	43.5	56	127	25	WCMX030208	M2.5*5	T8
WC15-45-C25*3D	15	71	50	45	56	127	25	WCMX030208	M2.5*5	T8
WC15.5-46.5-C25*3D	15.5	71	51.5	46.5	56	127	25	WCMX030208	M2.5*5	T8
WC16-48-C25*3D	16	74	53	48	56	130	25	WCMX030208	M2.5*5	T8
WC16.5-49.5-C25*3D	16.5	74	54.5	49.5	56	130	25	WCMX030208	M2.5*5	T8
WC17-51-C25*3D	17	77	56	51	56	133	25	WCMX030208	M2.5*5	T8
WC17.5-52.5-C25*3D	17.5	77	57.5	52.5	56	133	25	WCMX030208	M2.5*5	T8
WC18-54-C25*3D	18	81	59	54	56	137	25	WCMX030208	M2.5*5	T8
WC18.5-55.5-C25*3D	18.5	81	60.5	55.5	56	137	25	WCMX030208	M2.5*5	T8
WC19-57-C25*3D	19	84	62	57	56	140	25	WCMX030208	M2.5*5	T8
WC19.5-58.5-C25*3D	19.5	84	63.5	58.5	56	140	25	WCMX030208	M2.5*5	T8
WC20-60-C25*3D	20	89	65	60	56	145	25	WCMX040208	M2.5*6	T8
WC20.5-61.5-C25*3D	20.5	89	66.5	61.5	56	145	25	WCMX040208	M2.5*6	T8
WC21-63-C25*3D	21	92	68	63	56	148	25	WCMX040208	M2.5*6	T8
WC21.5-64.5-C25*3D	21.5	92	69.5	64.5	56	148	25	WCMX040208	M2.5*6	T8
WC22-66-C25*3D	22	95	71	66	56	151	25	WCMX040208	M2.5*6	T8
WC22.5-67.5-C25*3D	22.5	95	72.5	67.5	56	151	25	WCMX040208	M2.5*6	T8
WC23-69-C25*3D	23	99	74	69	56	155	25	WCMX040208	M2.5*6	T8
WC23.5-70.5-C25*3D	23.5	99	75.5	70.5	56	155	25	WCMX040208	M2.5*6	T8
WC24-72-C25*3D	24	103	77	72	56	159	25	WCMX050308	M3.0*7	T8
WC24.5-73.5-C25*3D	24.5	103	78.5	73.5	56	159	25	WCMX050308	M3.0*7	T8
WC25-75-C25*3D	25	107	80	75	56	163	25	WCMX050308	M3.0*7	T8
WC25.5-76.5-C25*3D	25.5	107	81.5	76.5	56	163	25	WCMX050308	M3.0*7	T8
WC26-78-C32*3D	26	110	83	78	60	170	32	WCMX050308	M3.0*7	T8
WC26.5-79.5-C32*3D	26.5	100	84.5	79.5	60	170	32	WCMX050308	M3.0*7	T8
WC27-81-C32*3D	27	113	86	81	60	173	32	WCMX050308	M3.0*7	T8
WC27.5-82.5-C32*3D	27.5	113	87.5	82.5	60	173	32	WCMX050308	M3.0*7	T8
WC28-84-C32*3D	28	117	89	84	60	177	32	WCMX050308	M3.0*7	T8
WC28.5-85.5-C32*3D	28.5	117	90.5	85.5	60	177	32	WCMX050308	M3.0*7	T8
WC29-87-C32*3D	29	120	92	87	60	180	32	WCMX050308	M3.0*7	T8
WC29.5-88.5-C32*3D	29.5	120	93.5	88.5	60	180	32	WCMX050308	M3.0*7	T8
WC30-90-C32*3D	30	125	95	90	60	185	32	WCMX050308	M3.0*7	T8
WC30.5-91.5-C32*3D	30.5	125	96.5	91.5	60	185	32	WCMX050308	M3.0*7	T8
WC31-93-C32*3D	31	129	98	93	60	189	32	WCMT06T308	M3.5*8	T15
WC31.5-94.5-C32*3D	31.5	129	99.5	94.5	60	189	32	WCMT06T308	M3.5*8	T15
WC32-96-C32*3D	32	132	101	96	60	192	32	WCMT06T308	M3.5*8	T15
WC32.5-97.5-C32*3D	32.5	132	102.5	97.5	60	192	32	WCMT06T308	M3.5*8	T15
WC33-99-C32*3D	33	136	104	99	60	196	32	WCMT06T308	M3.5*8	T15
WC33.5-100.5-C32*3D	33.5	136	105.5	100.5	60	196	32	WCMT06T308	M3.5*8	T15
WC34-102-C32*3D	34	139	107	102	60	199	32	WCMT06T308	M3.5*8	T15
WC34.5-103.5-C32*3D	34.5	139	108.5	103.5	60	199	32	WCMT06T308	M3.5*8	T15

WC 舍弃式快速 U 钻（3 倍径） WC INDEXABLE INSERT DRILL(3xD)






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P.J31

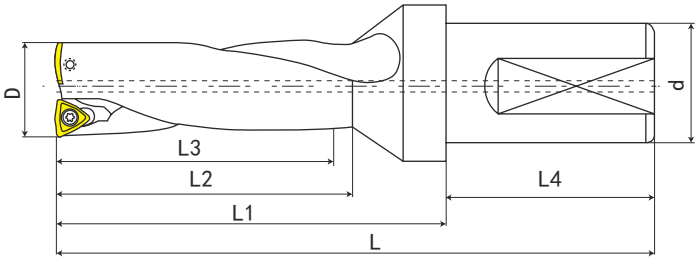
钻孔公差（Hole tolerance） 0/+0.25mm
钻头公差（Tolerance,D） 0/+0.20mm
最大钻深（Max hole depth,L1） 3XD

型号 Cat.No	D	L1	L2	L3	L4	L	d	刀片 Insert	螺钉 Clamp scrwe	扳手 Wrench
WC35-105-C32*3D	35	143	110	105	60	203	32	WCMT06T308	M3.5*8	T15
WC35.5-106.5-C32*3D	35.5	143	111.5	106.5	60	203	32	WCMT06T308	M3.5*8	T15
WC36-108-C32*3D	36	143	113	108	60	203	32	WCMT06T308	M3.5*8	T15
WC36.5-109.5-C32*3D	36.5	143	114.5	109.5	60	203	32	WCMT06T308	M3.5*8	T15
WC37-111-C32*3D	37	150	116	111	60	210	32	WCMT06T308	M3.5*8	T15
WC37.5-112.5-C32*3D	37.5	150	117.5	112.5	60	210	32	WCMT06T308	M3.5*8	T15
WC38-114-C32*3D	38	154	119	114	60	214	32	WCMT06T308	M3.5*8	T15
WC38.5-115.5-C32*3D	38.5	154	120.5	115.5	60	214	32	WCMT06T308	M3.5*8	T15
WC39-117-C32*3D	39	157	122	117	60	217	32	WCMT06T308	M3.5*8	T15
WC39.5-118.5-C32*3D	39.5	157	123.5	118.5	60	217	32	WCMT06T308	M3.5*8	T15
WC40-120-C32*3D	40	161	125	120	60	231	32	WCMT06T308	M3.5*8	T15
WC40.5-121.5-C32*3D	40.5	161	126.5	121.5	60	231	32	WCMT06T308	M3.5*8	T15
WC41-123-C32*3D	41	165	128	123	60	235	32	WCMT06T308	M3.5*8	T15
WC41.5-124.5-C32*3D	41.5	165	129.5	124.5	60	235	32	WCMT06T308	M3.5*8	T15
WC42-126-C40*3D	42	168	131	126	70	238	40	WCMT080412	M4*10	T15
WC43-129-C40*3D	43	171	134	129	70	241	40	WCMT080412	M4*10	T15
WC44-132-C40*3D	44	175	137	132	70	245	40	WCMT080412	M4*10	T15
WC45-135-C40*3D	45	178	140	135	70	248	40	WCMT080412	M4*10	T15
WC46-138-C40*3D	46	182	143	138	70	252	40	WCMT080412	M4*10	T15
WC47-141-C40*3D	47	185	146	141	70	255	40	WCMT080412	M4*10	T15
WC48-144-C40*3D	48	189	149	144	70	259	40	WCMT080412	M4*10	T15
WC49-147-C40*3D	49	192	152	147	70	262	40	WCMT080412	M4*10	T15
WC50-150-C40*3D	50	192	155	150	70	262	40	WCMT080412	M4*10	T15
WC51-153-C40-3D	51	192	158	153	70	262	40	WCMT080412	M4*10	T15
WC52-156-C40*3D	52	192	161	156	70	262	40	WCMT080412	M4*10	T15
WC53-159-C40*3D	53	192	164	159	70	262	40	WCMT080412	M4*10	T15
WC54-162-C40*3D	54	192	167	162	70	262	40	WCMT080412	M4*10	T15
WC55-165-C40*3D	55	192	170	165	70	262	40	WCMT080412	M4*10	T15
WC56-168-C40*3D	56	205	173	168	70	275	40	WCMT080412	M4*10	T15
WC57-171-C40*3D	57	205	176	171	70	275	40	WCMT080412	M4*10	T15
WC58-174-C40*3D	58	205	179	174	70	280	40	WCMT080412	M4*10	T15
WC59-177-C40*3D	59	215	182	177	70	285	40	WCMT080412	M4*10	T15
WC60-180-C40*3D	60	215	185	180	70	285	40	WCMT080412	M4*10	T15
WC61-183-C40*3D	61	220	188	183	70	290	40	WCMT080412	M4*10	T15
WC62-186-C40*3D	62	220	191	186	70	290	40	WCMT080412	M4*10	T15
WC63-189-C40*3D	63	225	194	189	70	295	40	WCMT06T308	M3.5*8	T15
WC64-192-C40*3D	64	225	197	192	70	295	40	WCMT06T308	M3.5*8	T15
WC65-195-C40-3D	65	230	200	195	70	300	40	WCMT06T308	M3.5*8	T15
WC66-198-C40-3D	66	230	203	198	70	300	40	WCMT06T308	M3.5*8	T15
WC67-201-C40-3D	67	235	206	201	70	305	40	WCMT06T308	M3.5*8	T15
WC68-204-C40-3D	68	235	209	204	70	305	40	WCMT06T308	M3.5*8	T15
WC69-207-C40-3D	69	240	212	207	70	315	40	WCMT06T308	M3.5*8	T15
WC70-210-C40-3D	70	240	215	210	70	315	40	WCMT06T308	M3.5*8	T15

舍弃式快速钻头 INDEXABLE INSERT DRILL

WC 舍弃式快速 U 钻（4 倍径） WC INDEXABLE INSERT DRILL(4xD)






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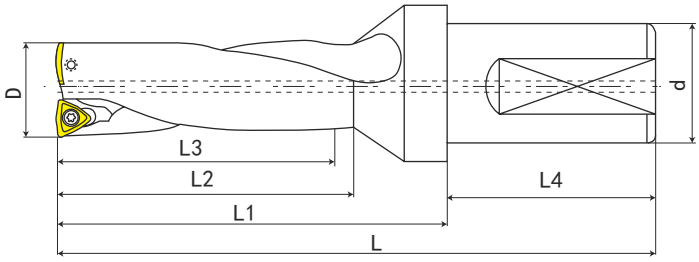

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钻孔公差（Hole tolerance） 0/+0.40mm
钻头公差（Tolerance,D） +0.04/+0.24mm
最大钻深（Max hole depth,L1） 4XD

型号 Cat.No	D	L1	L2	L3	L4	L	d	刀片 Insert	螺钉 Clamp scrwe	扳手 Wrench
WC14-56-C25*4D	14	85	61	56	56	141	25	WCMX030208	M2.5*5	T8
WC14.5-57.5-C25*4D	14.5	85.5	62.5	57.5	56	141.5	25	WCMX030208	M2.5*5	T8
WC15-60-C25*4D	15	86	65	60	56	142	25	WCMX030208	M2.5*5	T8
WC15.5-61.5-C25*4D	15.5	86.5	66.5	61.5	56	142.5	25	WCMX030208	M2.5*5	T8
WC16-64-C25*4D	16	90	69	64	56	146	25	WCMX030208	M2.5*5	T8
WC16.5-65.5-C25*4D	16.5	90.5	70.5	65.5	56	146.5	25	WCMX030208	M2.5*5	T8
WC17-68-C25*4D	17	94	73	68	56	150	25	WCMX030208	M2.5*5	T8
WC17.5-69.5-C25*4D	17.5	94.5	74.5	69.5	56	150.5	25	WCMX030208	M2.5*5	T8
WC18-72-C25*4D	18	99	77	72	56	155	25	WCMX030208	M2.5*5	T8
WC18.5-73.5-C25*4D	18.5	99.5	78.5	73.5	56	155.5	25	WCMX030208	M2.5*5	T8
WC19-76-C25*4D	19	103	81	76	56	159	25	WCMX030208	M2.5*5	T8
WC19.5-77.5-C25*4D	19.5	103.5	82.5	77.5	56	159.5	25	WCMX030208	M2.5*5	T8
WC20-80-C25*4D	20	109	85	80	56	165	25	WCMX040208	M2.5*6	T8
WC20.5-81.5-C25*4D	20.5	109.5	86.5	81.5	56	165.5	25	WCMX040208	M2.5*6	T8
WC21-84-C25*4D	21	113	89	84	56	169	25	WCMX040208	M2.5*6	T8
WC21.5-85.5-C25*4D	21.5	113.5	90.5	85.5	56	169.5	25	WCMX040208	M2.5*6	T8
WC22-88-C25*4D	22	117	93	88	56	173	25	WCMX040208	M2.5*6	T8
WC22.5-89.5-C25*4D	22.5	117.5	94.5	89.5	56	173.5	25	WCMX040208	M2.5*6	T8
WC23-92-C25*4D	23	122	97	92	56	178	25	WCMX040208	M2.5*6	T8
WC23.5-93.5-C25*4D	23.5	122.5	98.5	93.5	56	178.5	25	WCMX040208	M2.5*6	T8
WC24-96-C25*4D	24	127	101	96	56	183	25	WCMX050308	M3.0*7	T8
WC24.5-97.5-C25*4D	24.5	127.5	102.5	97.5	56	183.5	25	WCMX050308	M3.0*7	T8
WC25-100-C25*4D	25	132	105	100	56	188	25	WCMX050308	M3.0*7	T8
WC25.5-101.5-C25*4D	25.5	132.5	106.5	101.5	56	188.5	25	WCMX050308	M3.0*7	T8
WC26-104-C32*4D	26	136	109	104	60	196	32	WCMX050308	M3.0*7	T8
WC26.5-105.5-C32*4D	26.5	136.5	110.5	105.5	60	196.5	32	WCMX050308	M3.0*7	T8
WC27-108-C32*4D	27	140	113	108	60	200	32	WCMX050308	M3.0*7	T8
WC27.5-109.5-C32*4D	27.5	140.5	114.5	109.5	60	200.5	32	WCMX050308	M3.0*7	T8
WC28-112-C32*4D	28	145	117	112	60	205	32	WCMX050308	M3.0*7	T8
WC28.5-113.5-C32*4D	28.5	145.5	118.5	113.5	60	205.5	32	WCMX050308	M3.0*7	T8
WC29-116-C32*4D	29	149	121	116	60	209	32	WCMX050308	M3.0*7	T8
WC29.5-117.5-C32*4D	29.5	149.5	122.5	117.5	60	209.5	32	WCMX050308	M3.0*7	T8
WC30-120-C32*4D	30	155	125	120	60	215	32	WCMX050308	M3.0*7	T8
WC30.5-121.5-C32*4D	30.5	155.5	126.5	121.5	60	215.5	32	WCMX050308	M3.0*7	T8
WC31-124-C32*4D	31	160	129	124	60	220	32	WCMT06T308	M3.5*8	T15
WC31.5-125.5-C32*4D	31.5	160.5	130.5	125.5	60	220.5	32	WCMT06T308	M3.5*8	T15
WC32-128-C32*4D	32	164	133	128	60	224	32	WCMT06T308	M3.5*8	T15
WC32.5-129.5-C32*4D	32.5	164.5	134.5	129.5	60	224.5	32	WCMT06T308	M3.5*8	T15
WC33-132-C32*4D	33	169	137	132	60	229	32	WCMT06T308	M3.5*8	T15
WC33.5-133.5-C32*4D	33.5	169.5	138.5	133.5	60	229.5	32	WCMT06T308	M3.5*8	T15
WC34-136-C32*4D	34	173	141	136	60	233	32	WCMT06T308	M3.5*8	T15
WC34.5-137.5-C32*4D	34.5	173.5	142.5	137.5	60	233.5	32	WCMT06T308	M3.5*8	T15

WC 舍弃式快速 U 钻（4 倍径） WC INDEXABLE INSERT DRILL(4xD)






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P.J30


P.J31

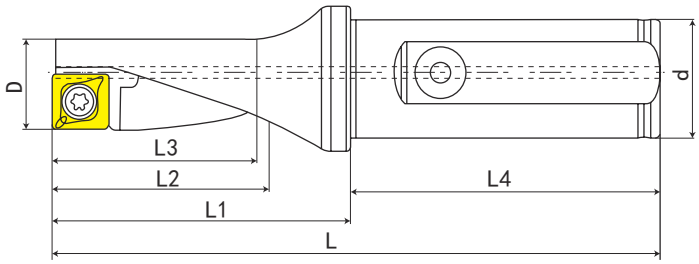
钻孔公差（Hole tolerance） 0/+0.40mm
钻头公差（Tolerance,D） +0.04/+0.24mm
最大钻深（Max hole depth,L1） 4XD

型号 Cat.No	D	L1	L2	L3	L4	L	d	刀片 Insert	螺钉 Clamp scrwe	扳手 Wrench
WC35-140-C32*4D	35	178	145	140	60	238	32	WCMT06T308	M3.5*8	T15
WC35.5-141.5-C32*4D	35.5	178.5	146.5	141.5	60	238.5	32	WCMT06T308	M3.5*8	T15
WC36-144-C32*4D	36	179	149	144	60	239	32	WCMT06T308	M3.5*8	T15
WC36.5-145.5-C32*4D	36.5	179.5	150.5	145.5	60	239.5	32	WCMT06T308	M3.5*8	T15
WC37-148-C32*4D	37	187	153	148	60	247	32	WCMT06T308	M3.5*8	T15
WC37.5-149.5-C32*4D	37.5	187.5	154	149	60	247.5	32	WCMT06T308	M3.5*8	T15
WC38-152-C32*4D	38	192	157	152	60	252	32	WCMT06T308	M3.5*8	T15
WC38.5-153.5-C32*4D	38.5	192.5	158.5	153.5	60	252.5	32	WCMT06T308	M3.5*8	T15
WC39-156-C32*4D	39	196	161	156	60	256	32	WCMT06T308	M3.5*8	T15
WC39.5-157.5-C32*4D	39.5	196.5	162.6	157.6	60	256.5	32	WCMT06T308	M3.5*8	T15
WC40-160-C32*4D	40	201	165	160	60	261	32	WCMT06T308	M3.5*8	T15
WC40.5-161.5-C32*4D	40.5	201.5	166.5	161.5	60	261.5	32	WCMT06T308	M3.5*8	T15
WC41-164-C32*4D	41	206	169	164	60	266	32	WCMT06T308	M3.5*8	T15
WC41.5-165.5-C32*4D	41.5	206.5	170.5	165.5	60	266.5	32	WCMT06T308	M3.5*8	T15
WC42-168-C40*4D	42	210	173	168	70	280	40	WCMT080412	M4*10	T15
WC43-172-C40*4D	43	214	177	172	70	284	40	WCMT080412	M4*10	T15
WC44-176-C40*4D	44	219	181	176	70	289	40	WCMT080412	M4*10	T15
WC45-180-C40*4D	45	223	185	180	70	293	40	WCMT080412	M4*10	T15
WC46-184-C40*4D	46	228	189	184	70	298	40	WCMT080412	M4*10	T15
WC47-188-C40*4D	47	232	193	188	70	302	40	WCMT080412	M4*10	T15
WC48-192-C40*4D	48	237	197	192	70	307	40	WCMT080412	M4*10	T15
WC49-196-C40*4D	49	241	201	196	70	311	40	WCMT080412	M4*10	T15
WC50-200-C40*4D	50	242	205	200	70	312	40	WCMT080412	M4*10	T15
WC51-204-C40-4D	51	243	209	204	70	313	40	WCMT080412	M4*10	T15
WC52-208-C40*4D	52	244	213	208	70	314	40	WCMT080412	M4*10	T15
WC53-212-C40*4D	53	245	217	212	70	315	40	WCMT080412	M4*10	T15
WC54-216-C40*4D	54	246	221	216	70	316	40	WCMT080412	M4*10	T15
WC55-220-C40*4D	55	247	225	220	70	317	40	WCMT080412	M4*10	T15
WC56-224-C40*4D	56	261	229	224	70	331	40	WCMT080412	M4*10	T15
WC57-228-C40*4D	57	262	233	228	70	332	40	WCMT080412	M4*10	T15
WC58-232-C40*4D	58	263	237	232	70	333	40	WCMT080412	M4*10	T15
WC59-236-C40*4D	59	274	241	236	70	344	40	WCMT080412	M4*10	T15
WC60-240-C40*4D	60	275	245	240	70	345	40	WCMT080412	M4*10	T15
WC61-244-C40*4D	61	281	249	244	70	351	40	WCMT080412	M4*10	T15
WC62-248-C40*4D	62	282	253	248	70	352	40	WCMT080412	M4*10	T15
WC63-252-C40*4D	63	288	257	252	70	358	40	WCMT06T308	M3.5*8	T15
WC64-256-C40*4D	64	289	261	256	70	359	40	WCMT06T308	M3.5*8	T15
WC65-260-C40-4D	65	295	265	260	70	365	40	WCMT06T308	M3.5*8	T15
WC66-264-C40-4D	66	296	269	264	70	366	40	WCMT06T308	M3.5*8	T15
WC67-268-C40-4D	67	302	273	268	70	372	40	WCMT06T308	M3.5*8	T15
WC68-272-C40-4D	68	303	277	272	70	373	40	WCMT06T308	M3.5*8	T15
WC69-276-C40-4D	69	309	281	276	70	379	40	WCMT06T308	M3.5*8	T15
WC70-280-C40-4D	70	310	285	280	70	380	40	WCMT06T308	M3.5*8	T15

舍弃式快速钻头 INDEXABLE INSERT DRILL

SP 舍弃式快速 U 钻（2 倍径） SP INDEXABLE INSERT DRILL(2xD)






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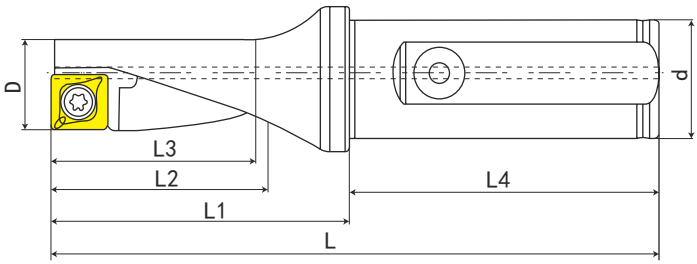

P.J31

钻孔公差（Hole tolerance） 0/+0.25mm
钻头公差（Tolerance,D） 0/+0.20mm
最大钻深（Max hole depth,L1） 2XD

型号 Cat.No	D	L1	L2	L3	L4	L	d	刀片 Insert	螺钉 Clamp scrwe	扳手 Wrench
SP14-28-C25-2D	14	47	33	28	56	103	25	SPMG050204	M2.0*4	T6
SP14.5-29-C25-2D	14.5	48.5	34	29	56	104.5	25	SPMG050204	M2.0*4	T6
SP15-30-C25-2D	15	50	35	30	56	106	25	SPMG060204	M2.2*5	T7
SP15.5-31-C25-2D	15.5	51.5	36	31	56	107.5	25	SPMG060204	M2.2*5	T7
SP16-32-C25-2D	16	53	37	32	56	109	25	SPMG060204	M2.2*5	T7
SP16.5-33-C25-2D	16.5	54.5	38	33	56	110.5	25	SPMG060204	M2.2*5	T7
SP17-34-C25-2D	17	56	39	34	56	112	25	SPMG060204	M2.2*5	T7
SP17.5-35-C25-2D	17.5	57.5	40	35	56	113.5	25	SPMG060204	M2.2*5	T7
SP18-36-C25-2D	18	59	41	36	56	115	25	SPMG060204	M2.2*5	T7
SP18.5-37-C25-2D	18.5	60.5	42	37	56	116.5	25	SPMG060204	M2.2*5	T7
SP19-38-C25-2D	19	62	43	38	56	118	25	SPMG060204	M2.2*5	T7
SP19.5-39-C25-2D	19.5	63.5	44	39	56	119.5	25	SPMG060204	M2.2*5	T7
SP20-40-C25-2D	20	65	45	40	56	121	25	SPMG060204	M2.2*5	T7
SP20.5-41-C25-2D	20.5	66.5	46	41	56	122.5	25	SPMG060204	M2.2*5	T7
SP21-42-C25-2D	21	68	47	42	56	124	25	SPMG060204	M2.2*5	T7
SP21.5-43-C25-2D	21.5	69.5	48	43	56	125.5	25	SPMG060204	M2.2*5	T7
SP22-44-C25-2D	22	71	49	44	56	127	25	SPMG07T308	M2.5*6	T8
SP22.5-45-C25-2D	22.5	72.5	50	45	56	128.5	25	SPMG07T308	M2.5*6	T8
SP23-46-C25-2D	23	74	51	46	56	130	25	SPMG07T308	M2.5*6	T8
SP23.5-47-C25-2D	23.5	75.5	52	47	56	131.5	25	SPMG07T308	M2.5*6	T8
SP24-48-C25-2D	24	77	53	48	56	133	25	SPMG07T308	M2.5*6	T8
SP24.5-49-C25-2D	24.5	78.5	54	49	56	134.5	25	SPMG07T308	M2.5*6	T8
SP25-50-C32-2D	25	80	55	50	60	140	32	SPMG07T308	M2.5*6	T8
SP25.5-51-C32-2D	25.5	81.5	56	51	60	141.5	32	SPMG07T308	M2.5*6	T8
SP26-52-C32-2D	26	83	57	52	60	143	32	SPMG07T308	M2.5*6	T8
SP26.5-53-C32-2D	26.5	84.5	58	53	60	144.5	32	SPMG07T308	M2.5*6	T8
SP27-54-C32-2D	27	86	59	54	60	146	32	SPMG07T308	M2.5*6	T8
SP27.5-55-C32-2D	27.5	87.5	60	55	60	147.5	32	SPMG07T308	M2.5*6	T8
SP28-56-C32-2D	28	89	61	56	60	149	32	SPMG090408	M3.5*8	T15
SP28.5-57-C32-2D	28.5	90.5	62	57	60	150.5	32	SPMG090408	M3.5*8	T15
SP29-58-C32-2D	29	92	63	58	60	152	32	SPMG090408	M3.5*8	T15
SP29.5-59-C32-2D	29.5	93.5	64	59	60	153.5	32	SPMG090408	M3.5*8	T15
SP30-60-C32-2D	30	95	65	60	60	155	32	SPMG090408	M3.5*8	T15
SP30.5-61-C32-2D	30.5	96.5	66	61	60	156.5	32	SPMG090408	M3.5*8	T15
SP31-62-C32-2D	31	98	67	62	60	158	32	SPMG090408	M3.5*8	T15
SP31.5-63-C32-2D	31.5	99.5	68	63	60	159.5	32	SPMG090408	M3.5*8	T15
SP32-64-C32-2D	32	101	69	64	60	161	32	SPMG090408	M3.5*8	T15
SP32.5-65-C32-2D	32.5	102.5	70	65	60	162.5	32	SPMG090408	M3.5*8	T15
SP33-66-C32-2D	33	104	71	66	60	164	32	SPMG090408	M3.5*8	T15
SP33.5-67-C32-2D	33.5	105.5	72	67	60	165.5	32	SPMG110408	M4.0*9	T15
SP34-68-C32-2D	34	107	73	68	60	167	32	SPMG110408	M4.0*9	T15
SP34.5-69-C32-2D	34.5	108.5	74	69	60	168.5	32	SPMG110408	M4.0*9	T15

SP 舍弃式快速 U 钻（2 倍径） SP INDEXABLE INSERT DRILL(2xD)






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P.J31

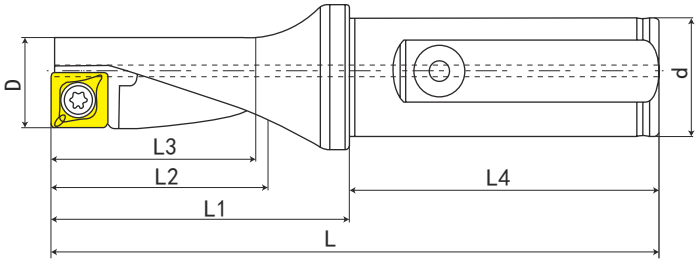
钻孔公差（Hole tolerance） 0/+0.25mm
钻头公差（Tolerance,D） 0/+0.20mm
最大钻深（Max hole depth,L1） 2XD

型号 Cat.No	D	L1	L2	L3	L4	L	d	刀片 Insert	螺钉 Clamp scrwe	扳手 Wrench
SP35-70-C32-2D	35	110	75	70	60	170	32	SPMG110408	M4.0*9	T15
SP35.5-71-C32-2D	35.5	111.5	76	71	60	171.5	32	SPMG110408	M4.0*9	T15
SP36-72-C32-2D	36	113	77	72	60	173	32	SPMG110408	M4.0*9	T15
SP36.5-73-C32-2D	36.5	114.5	78	73	60	174.5	32	SPMG110408	M4.0*9	T15
SP37-74-C32-2D	37	116	79	74	60	176	32	SPMG110408	M4.0*9	T15
SP37.5-75-C32-2D	37.5	117.5	80	75	60	177.5	32	SPMG110408	M4.0*9	T15
SP38-76-C32-2D	38	119	81	76	60	179	32	SPMG110408	M4.0*9	T15
SP38.5-77-C32-2D	38.5	120.5	82	77	60	180.5	32	SPMG110408	M4.0*9	T15
SP39-78-C32-2D	39	122	83	78	60	182	32	SPMG110408	M4.0*9	T15
SP39.5-79-C32-2D	39.5	123.5	84	79	60	183.5	32	SPMG110408	M4.0*9	T15
SP40-80-C32-2D	40	125	85	80	60	185	32	SPMG110408	M4.0*9	T15
SP40.5-81-C32-2D	40.5	126.5	86	81	60	186.5	32	SPMG110408	M4.0*9	T15
SP41-82-C32-2D	41	128	87	82	60	188	32	SPMG110408	M4.0*9	T15
SP41.5-83-C32-2D	41.5	129.5	88	83	60	189.5	32	SPMG110408	M4.0*9	T15
SP42-84-C40-2D	42	131	89	84	70	201	40	SPMG140512	M5.0*10	T20
SP43-86-C40-2D	43	134	91	86	70	204	40	SPMG140512	M5.0*10	T20
SP44-88-C40-2D	44	137	93	88	70	207	40	SPMG140512	M5.0*10	T20
SP45-90-C40-2D	45	140	95	90	70	210	40	SPMG140512	M5.0*10	T20
SP45.5-91-C40-2D	45.5	141.5	96	91	70	211.5	40	SPMG140512	M5.0*10	T20
SP46-92-C40-2D	46	143	97	92	70	213	40	SPMG140512	M5.0*10	T20
SP47-94-C40-2D	47	146	99	94	70	216	40	SPMG140512	M5.0*10	T20
SP48-96-C40-2D	48	149	101	96	70	219	40	SPMG140512	M5.0*10	T20
SP49-98-C40-2D	49	152	103	98	70	222	40	SPMG140512	M5.0*10	T20
SP49.5-99-C40-2D	49.5	153.5	104	99	70	223.5	40	SPMG140512	M5.0*10	T20
SP50-100-C40-2D	50	155	105	100	70	225	40	SPMG140512	M5.0*10	T20
SP51-102-C40-2D	51	158	107	102	70	228	40	SPMG140512	M5.0*10	T20
SP52-104-C40-2D	52	161	109	104	70	231	40	SPMG140512	M5.0*10	T20
SP53-106-C40-2D	53	164	111	106	70	234	40	SPMG140512	M5.0*10	T20
SP54-108-C40-2D	54	167	113	108	70	237	40	SPMG140512	M5.0*10	T20
SP55-110-C40-2D	55	170	115	110	70	240	40	SPMG140512	M5.0*10	T20
SP56-112-C40-2D	56	173	117	112	70	243	40	SPMG140512	M5.0*10	T20
SP57-114-C40-2D	57	176	119	114	70	246	40	SPMG140512	M5.0*10	T20
SP58-116-C40-2D	58	179	121	116	70	249	40	SPMG140512	M5.0*10	T20
SP59-118-C40-2D	59	182	123	118	70	252	40	SPMG140512	M5.0*10	T20
SP60-120-C40-2D	60	185	125	120	70	255	40	SPMG140512	M5.0*10	T20
SP61-122-C40-2D	61	188	127	122	70	258	40	SPMG140512	M5.0*10	T20
SP62-124-C40-2D	62	191	129	124	70	261	40	SPMG140512	M5.0*10	T20
SP63-126-C40-2D	63	194	131	126	70	264	40	SPMG140512	M5.0*10	T20
SP64-128-C40-2D	64	197	133	128	70	267	40	SPMG140512	M5.0*10	T20
SP65-130-C40-2D	65	200	135	130	70	270	40	SPMG140512	M5.0*10	T20
SP66-132-C40-2D	66	203	137	132	70	273	40	SPMG140512	M5.0*10	T20
SP67-134-C40-2D	67	206	139	134	70	276	40	SPMG140512	M5.0*10	T20
SP68-136-C40-2D	68	209	141	136	70	279	40	SPMG140512	M5.0*10	T20

舍弃式快速钻头 INDEXABLE INSERT DRILL

SP 舍弃式快速 U 钻（3 倍径） SP INDEXABLE INSERT DRILL(3xD)






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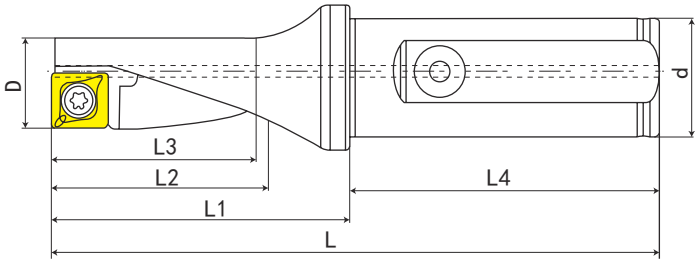

P.J31

钻孔公差（Hole tolerance） 0/+0.25mm
钻头公差（Tolerance,D） 0/+0.20mm
最大钻深（Max hole depth,L1） 3XD

型号 Cat.No	D	L1	L2	L3	L4	L	d	刀片 Insert	螺钉 Clamp scrwe	扳手 Wrench
SP14-42-C25-3D	14	61	47	42	56	117	25	SPMG050204	M2.0*4	T6
SP14.5-43.5-C25-3D	14.5	63	48.5	43.5	56	119	25	SPMG050204	M2.0*4	T6
SP15-45-C25-3D	15	65	50	45	56	121	25	SPMG060204	M2.2*5	T7
SP15.5-46.5-C25-3D	15.5	67	51.5	46.5	56	123	25	SPMG060204	M2.2*5	T7
SP16-48-C25-3D	16	69	53	48	56	125	25	SPMG060204	M2.2*5	T7
SP16.5-49.5-C25-3D	16.5	71	54.5	49.5	56	127	25	SPMG060204	M2.2*5	T7
SP17-51-C25-3D	17	73	56	51	56	129	25	SPMG060204	M2.2*5	T7
SP17.5-52.5-C25-3D	17.5	75	57.5	52.5	56	131	25	SPMG060204	M2.2*5	T7
SP18-54-C25-3D	18	77	59	54	56	133	25	SPMG060204	M2.2*5	T7
SP18.5-55.5-C25-3D	18.5	79	60.5	55.5	56	135	25	SPMG060204	M2.2*5	T7
SP19-57-C25-3D	19	81	62	57	56	137	25	SPMG060204	M2.2*5	T7
SP19.5-58.5-C25-3D	19.5	83	63.5	58.5	56	139	25	SPMG060204	M2.2*5	T7
SP20-60-C25-3D	20	85	65	60	56	141	25	SPMG060204	M2.2*5	T7
SP20.5-61.5-C25-3D	20.5	87	66.5	61.5	56	143	25	SPMG060204	M2.2*5	T7
SP21-63-C25-3D	21	89	68	63	56	145	25	SPMG060204	M2.2*5	T7
SP21.5-64.5-C25-3D	21.5	91	69.5	64.5	56	147	25	SPMG060204	M2.2*5	T7
SP22-66-C25-3D	22	93	71	66	56	149	25	SPMG07T308	M2.5*6	T8
SP22.5-67.5-C25-3D	22.5	95	72.5	67.5	56	151	25	SPMG07T308	M2.5*6	T8
SP23-69-C25-3D	23	97	74	69	56	153	25	SPMG07T308	M2.5*6	T8
SP23.5-70.5-C25-3D	23.5	99	75.5	70.5	56	155	25	SPMG07T308	M2.5*6	T8
SP24-72-C25-3D	24	101	77	72	56	157	25	SPMG07T308	M2.5*6	T8
SP24.5-73.5-C25-3D	24.5	103	78.5	73.5	56	159	25	SPMG07T308	M2.5*6	T8
SP25-75-C32-3D	25	105	80	75	60	165	32	SPMG07T308	M2.5*6	T8
SP25.5-76.5-C32-3D	25.5	107	81.5	76.5	60	167	32	SPMG07T308	M2.5*6	T8
SP26-78-C32-3D	26	109	83	78	60	169	32	SPMG07T308	M2.5*6	T8
SP26.5-79.5-C32-3D	26.5	111	84.5	79.5	60	171	32	SPMG07T308	M2.5*6	T8
SP27-81-C32-3D	27	113	86	81	60	173	32	SPMG07T308	M2.5*6	T8
SP27.5-82.5-C32-3D	27.5	115	87.5	82.5	60	175	32	SPMG07T308	M2.5*6	T8
SP28-84-C32-3D	28	117	89	84	60	177	32	SPMG090408	M3.5*8	T15
SP28.5-85.5-C32-3D	28.5	119	90.5	85.5	60	179	32	SPMG090408	M3.5*8	T15
SP29-87-C32-3D	29	121	92	87	60	181	32	SPMG090408	M3.5*8	T15
SP29.5-88.5-C32-3D	29.5	123	93.5	88.5	60	183	32	SPMG090408	M3.5*8	T15
SP30-90-C32-3D	30	125	95	90	60	185	32	SPMG090408	M3.5*8	T15
SP30.5-91.5-C32-3D	30.5	127	96.5	91.5	60	187	32	SPMG090408	M3.5*8	T15
SP31-93-C32-3D	31	129	98	93	60	189	32	SPMG090408	M3.5*8	T15
SP31.5-94.5-C32-3D	31.5	131	99.5	94.5	60	191	32	SPMG090408	M3.5*8	T15
SP32-96-C32-3D	32	133	101	96	60	193	32	SPMG090408	M3.5*8	T15
SP32.5-97.5-C32-3D	32.5	135	102.5	97.5	60	195	32	SPMG090408	M3.5*8	T15
SP33-99-C32-3D	33	137	104	99	60	197	32	SPMG110408	M4*9	T15
SP33.5-100.5-C32-3D	33.5	139	105.5	100.5	60	199	32	SPMG110408	M4.0*9	T15
SP34-102-C32-3D	34	141	107	102	60	201	32	SPMG110408	M4.0*9	T15
SP34.5-103.5-C32-3D	34.5	143	108.5	103.5	60	203	32	SPMG110408	M4.0*9	T15

SP 舍弃式快速 U 钻（3 倍径） SP INDEXABLE INSERT DRILL(3xD)






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P.J30


P.J31

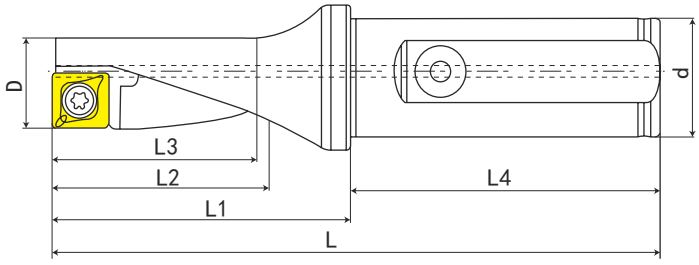
钻孔公差（Hole tolerance） 0/+0.25mm
钻头公差（Tolerance,D） 0/+0.20mm
最大钻深（Max hole depth,L1） 3XD

型号 Cat.No	D	L1	L2	L3	L4	L	d	刀片 Insert	螺钉 Clamp scrwe	扳手 Wrench
SP35-105-C32-3D	35	145	110	105	60	205	32	SPMG110408	M4.0*9	T15
SP35.5-106.5-C32-3D	35.5	147	111.5	106.5	60	207	32	SPMG110408	M4.0*9	T15
SP36-108-C32-3D	36	149	113	108	60	209	32	SPMG110408	M4.0*9	T15
SP36.5-109.5-C32-3D	36.5	151	114.5	109.5	60	211	32	SPMG110408	M4.0*9	T15
SP37-111-C32-3D	37	153	116	111	60	213	32	SPMG110408	M4.0*9	T15
SP37.5-112.5-C32-3D	37.5	155	117.5	112.5	60	215	32	SPMG110408	M4.0*9	T15
SP38-114-C32-3D	38	157	119	114	60	217	32	SPMG110408	M4.0*9	T15
SP38.5-115.5-C32-3D	38.5	159	120.5	115.5	60	219	32	SPMG110408	M4.0*9	T15
SP39-117-C32-3D	39	161	122	117	60	221	32	SPMG110408	M4.0*9	T15
SP39.5-118.5-C32-3D	39.5	163	123.5	118.5	60	223	32	SPMG110408	M4.0*9	T15
SP40-120-C32-3D	40	165	125	120	60	225	32	SPMG110408	M4.0*9	T15
SP40.5-121.5-C32-3D	40.5	167	126.5	121.5	60	227	32	SPMG110408	M4.0*9	T15
SP41-123-C32-3D	41	169	128	123	60	229	32	SPMG110408	M4.0*9	T15
SP41.5-124.5-C32-3D	41.5	171	129.5	124.5	60	231	32	SPMG110408	M4.0*9	T15
SP42-126-C40-3D	42	173	131	126	70	243	40	SPMG140512	M5*10	T20
SP43-129-C40-3D	43	177	134	129	70	247	40	SPMG140512	M5*10	T20
SP44-132-C40-3D	44	181	137	132	70	251	40	SPMG140512	M5*10	T20
SP45-135-C40-3D	45	185	140	135	70	255	40	SPMG140512	M5*10	T20
SP45.5-136.5-C40-3D	45.5	187	141.5	136.5	70	257	40	SPMG140512	M5*10	T20
SP46-138-C40-3D	46	189	143	138	70	259	40	SPMG140512	M5*10	T20
SP47-141-C40-3D	47	193	146	141	70	263	40	SPMG140512	M5*10	T20
SP48-144-C40-3D	48	197	149	144	70	267	40	SPMG140512	M5*10	T20
SP49-147-C40-3D	49	201	152	147	70	271	40	SPMG140512	M5*10	T20
SP50-150-C40-3D	50	205	155	150	70	275	40	SPMG140512	M5*10	T20
SP51-153-C40-3D	51	209	158	153	70	279	40	SPMG140512	M5*10	T20
SP52-156-C40-3D	52	213	161	156	70	283	40	SPMG140512	M5*10	T20
SP53-159-C40-3D	53	217	164	159	70	287	40	SPMG140512	M5*10	T20
SP54-162-C40-3D	54	221	167	162	70	291	40	SPMG140512	M5*10	T20
SP55-165-C40-3D	55	225	170	165	70	295	40	SPMG140512	M5*10	T20
SP56-168-C40-3D	56	229	173	168	70	299	40	SPMG140512	M5*10	T20
SP57-171-C40-3D	57	233	176	171	70	303	40	SPMG140512	M5*10	T20
SP58-174-C40-3D	58	237	179	174	70	307	40	SPMG140512	M5*10	T20
SP59-177-C40-3D	59	241	182	177	70	311	40	SPMG140512	M5*10	T20
SP60-180-C40-3D	60	245	185	180	70	315	40	SPMG140512	M5*10	T20
SP61-183-C40-3D	61	249	188	183	70	319	40	SPMG140512	M5*10	T20
SP62-186-C40-3D	62	253	191	186	70	323	40	SPMG140512	M5*10	T20
SP63-189-C40-3D	63	257	194	189	70	327	40	SPMG140512	M5*10	T20
SP64-192-C40-3D	64	261	197	192	70	331	40	SPMG140512	M5*10	T20
SP65-195-C40-3D	65	265	200	195	70	335	40	SPMG140512	M5*10	T20
SP66-198-C40-3D	66	269	203	198	70	339	40	SPMG140512	M5*10	T20
SP67-201-C40-3D	67	273	206	201	70	343	40	SPMG140512	M5*10	T20
SP68-204-C40-3D	68	277	209	204	70	347	40	SPMG140512	M5*10	T20

舍弃式快速钻头 INDEXABLE INSERT DRILL

SP 舍弃式快速 U 钻（4 倍径） SP INDEXABLE INSERT DRILL(4xD)






P.F104


P.J30

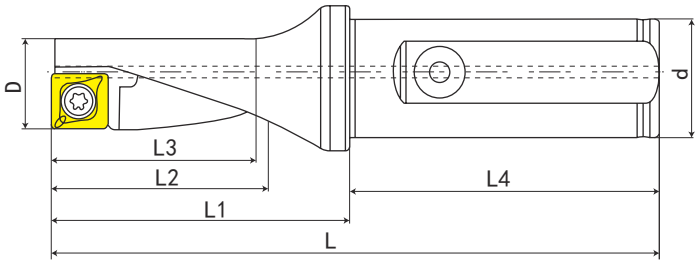

P.J31

钻孔公差（Hole tolerance） 0/+0.40mm
钻头公差（Tolerance,D） +0.04/+0.24mm
最大钻深（Max hole depth,L1） 4XD

型号 Cat.No	D	L1	L2	L3	L4	L	d	刀片 Insert	螺钉 Clamp scrwe	扳手 Wrench
SP14-56-C25-4D	14	75	61	56	56	131	25	SPMG050204	M2.0*4	T6
SP14.5-58-C25-4D	14.5	77.5	63	58	56	133.5	25	SPMG050204	M2.0*4	T6
SP15-60-C25-4D	15	80	65	60	56	136	25	SPMG060204	M2.2*5	T7
SP15.5-62-C25-4D	15.5	82.5	67	62	56	138.5	25	SPMG060204	M2.2*5	T7
SP16-64-C25-4D	16	85	69	64	56	141	25	SPMG060204	M2.2*5	T7
SP16.5-66-C25-4D	16.5	87.5	71	66	56	143.5	25	SPMG060204	M2.2*5	T7
SP17-68-C25-4D	17	90	73	68	56	146	25	SPMG060204	M2.2*5	T7
SP17.5-70-C25-4D	17.5	92.5	75	70	56	148.5	25	SPMG060204	M2.2*5	T7
SP18-72-C25-4D	18	95	77	72	56	151	25	SPMG060204	M2.2*5	T7
SP18.5-74-C25-4D	18.5	97.5	79	74	56	153.5	25	SPMG060204	M2.2*5	T7
SP19-76-C25-4D	19	100	81	76	56	156	25	SPMG060204	M2.2*5	T7
SP19.5-78-C25-4D	19.5	102.5	83	78	56	158.5	25	SPMG060204	M2.2*5	T7
SP20-80-C25-4D	20	105	85	80	56	161	25	SPMG060204	M2.2*5	T7
SP20.5-82-C25-4D	20.5	107.5	87	82	56	163.5	25	SPMG060204	M2.2*5	T7
SP21-84-C25-4D	21	110	89	84	56	166	25	SPMG060204	M2.2*5	T7
SP21.5-86-C25-4D	21.5	112.5	91	86	56	168.5	25	SPMG060204	M2.2*5	T7
SP22-88-C25-4D	22	115	93	88	56	171	25	SPMG07T308	M2.5*6	T8
SP22.5-90-C25-4D	22.5	117.5	95	90	56	173.5	25	SPMG07T308	M2.5*6	T8
SP23-92-C25-4D	23	120	97	92	56	176	25	SPMG07T308	M2.5*6	T8
SP23.5-94-C25-4D	23.5	122.5	99	94	56	178.5	25	SPMG07T308	M2.5*6	T8
SP24-96-C25-4D	24	125	101	96	56	181	25	SPMG07T308	M2.5*6	T8
SP24.5-98-C25-4D	24.5	127.5	103	98	56	183.5	25	SPMG07T308	M2.5*6	T8
SP25-100-C32-4D	25	130	105	100	60	190	32	SPMG07T308	M2.5*6	T8
SP25.5-102-C32-4D	25.5	132.5	107	102	60	192.5	32	SPMG07T308	M2.5*6	T8
SP26-104-C32-4D	26	135	109	104	60	195	32	SPMG07T308	M2.5*6	T8
SP26.5-106-C32-4D	26.5	137.5	111	106	60	197.5	32	SPMG07T308	M2.5*6	T8
SP27-108-C32-4D	27	140	113	108	60	200	32	SPMG090408	M3.5*8	T15
SP27.5-110-C32-4D	27.5	142.5	115	110	60	202.5	32	SPMG090408	M3.5*8	T15
SP28-112-C32-4D	28	145	117	112	60	205	32	SPMG090408	M3.5*8	T15
SP28.5-114-C32-4D	28.5	147.5	119	114	60	207.5	32	SPMG090408	M3.5*8	T15
SP29-116-C32-4D	29	150	121	116	60	210	32	SPMG090408	M3.5*8	T15
SP29.5-118-C32-4D	29.5	152.5	123	118	60	212.5	32	SPMG090408	M3.5*8	T15
SP30-120-C32-4D	30	155	125	120	60	215	32	SPMG090408	M3.5*8	T15
SP30.5-122-C32-4D	30.5	157.5	127	122	60	217.5	32	SPMG090408	M3.5*8	T15
SP31-124-C32-4D	31	160	129	124	60	220	32	SPMG090408	M3.5*8	T15
SP31.5-126-C32-4D	31.5	162.5	131	126	60	222.5	32	SPMG090408	M3.5*8	T15
SP32-128-C32-4D	32	165	133	128	60	225	32	SPMG090408	M3.5*8	T15
SP32.5-130-C32-4D	32.5	167.5	135	130	60	227.5	32	SPMG090408	M3.5*8	T15
SP33-132-C32-4D	33	170	137	132	60	230	32	SPMG110408	M4.0*9	T15
SP33.5-134-C32-4D	33.5	172.5	139	134	60	232.5	32	SPMG110408	M4.0*9	T15
SP34-136-C32-4D	34	175	141	136	60	235	32	SPMG110408	M4.0*9	T15
SP34.5-138-C32-4D	34.5	177.5	143	138	60	237.5	32	SPMG110408	M4.0*9	T15

SP 舍弃式快速 U 钻（4 倍径） SP INDEXABLE INSERT DRILL(4xD)






P.F104


P.J30


P.J31

钻孔公差（Hole tolerance） 0/+0.40mm
钻头公差（Tolerance,D） +0.04/+0.24mm
最大钻深（Max hole depth,L1） 4XD

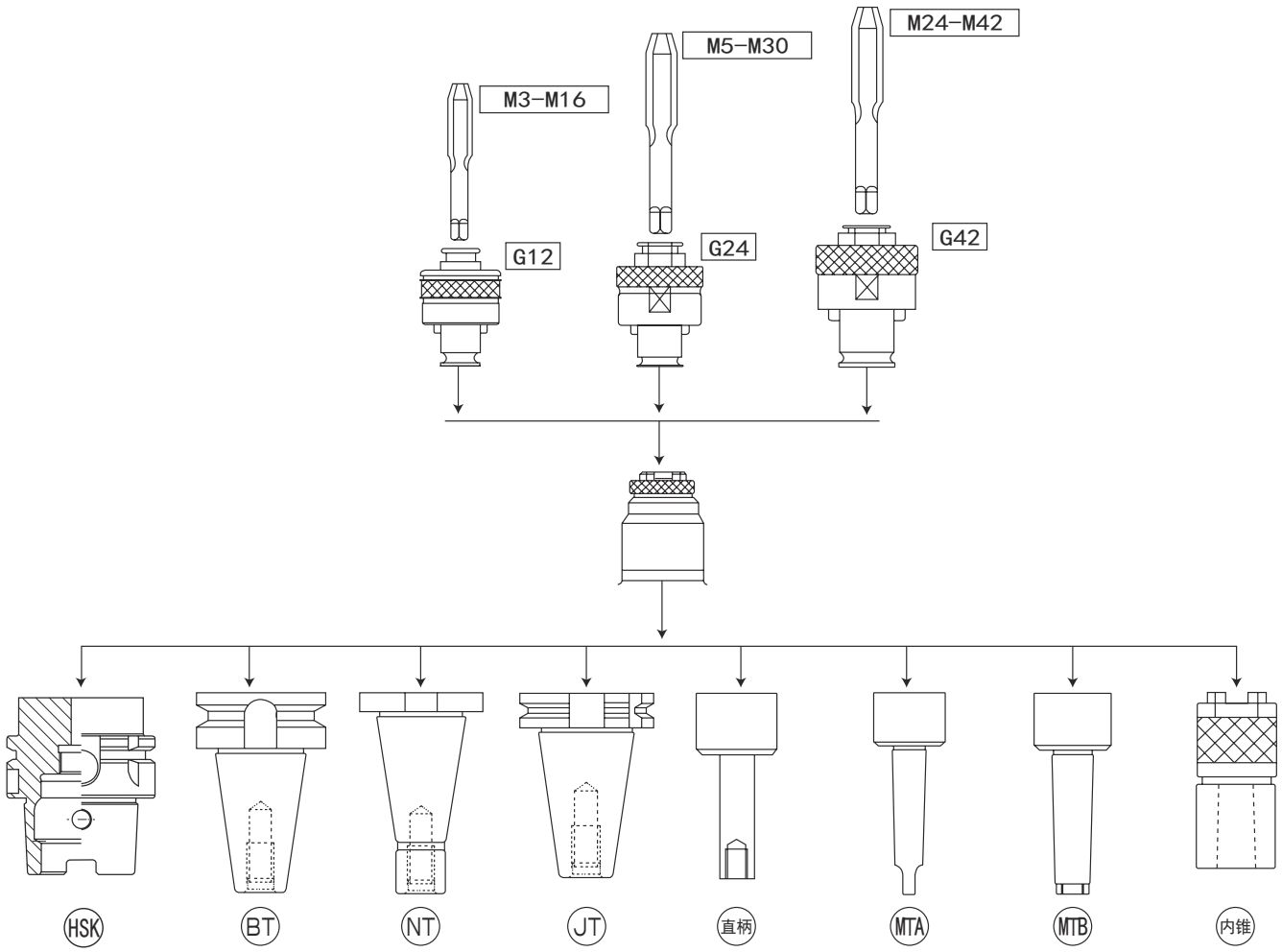
型号 Cat.No	D	L1	L2	L3	L4	L	d	刀片 Insert	螺钉 Clamp scrwe	扳手 Wrench
SP35-140-C32-4D	35	180	145	140	60	240	32	SPMG110408	M4.0*9	T15
SP35.5-142-C32-4D	35.5	182.5	147	142	60	242.5	32	SPMG110408	M4.0*9	T15
SP36-144-C32-4D	36	185	149	144	60	245	32	SPMG110408	M4.0*9	T15
SP36.5-146-C32-4D	36.5	187.5	151	146	60	247.5	32	SPMG110408	M4.0*9	T15
SP37-148-C32-4D	37	190	153	148	60	250	32	SPMG110408	M4.0*9	T15
SP37.5-150-C32-4D	37.5	192.5	155	150	60	252.5	32	SPMG110408	M4.0*9	T15
SP38-152-C32-4D	38	195	157	152	60	255	32	SPMG110408	M4.0*9	T15
SP38.5-154-C32-4D	38.5	197.5	159	154	60	257.5	32	SPMG110408	M4.0*9	T15
SP39-156-C32-4D	39	200	161	156	60	260	32	SPMG110408	M4.0*9	T15
SP39.5-158-C32-4D	39.5	202.5	163	158	60	262.5	32	SPMG110408	M4.0*9	T15
SP40-160-C32-4D	40	205	165	160	60	265	32	SPMG110408	M4.0*9	T15
SP40.5-162-C32-4D	40.5	207.5	167	162	60	267.5	32	SPMG110408	M4.0*9	T15
SP41-164-C32-4D	41	210	169	164	60	270	32	SPMG110408	M4.0*9	T15
SP41.5-166-C32-4D	41.5	212.5	171	166	60	272.5	32	SPMG110408	M4.0*9	T15
SP42-168-C40-4D	42	215	173	168	70	285	40	SPMG140512	M5*10	T20
SP43-172-C40-4D	43	220	177	172	70	290	40	SPMG140512	M5*10	T20
SP44-176-C40-4D	44	225	181	176	70	295	40	SPMG140512	M5*10	T20
SP45-180-C40-4D	45	230	185	180	70	300	40	SPMG140512	M5*10	T20
SP45.5-182-C40-4D	45.5	232.5	187	182	70	302.5	40	SPMG140512	M5*10	T20
SP46-184-C40-4D	46	235	189	184	70	305	40	SPMG140512	M5*10	T20
SP47-188-C40-4D	47	240	193	188	70	310	40	SPMG140512	M5*10	T20
SP48-192-C40-4D	48	245	197	192	70	315	40	SPMG140512	M5*10	T20
SP49-196-C40-4D	49	250	201	196	70	320	40	SPMG140512	M5*10	T20
SP50-200-C40-4D	50	255	205	200	70	325	40	SPMG140512	M5*10	T20
SP51-204-C40-4D	51	260	209	204	70	330	40	SPMG140512	M5*10	T20
SP52-208-C40-4D	52	265	213	208	70	335	40	SPMG140512	M5*10	T20
SP53-212-C40-4D	53	270	217	212	70	340	40	SPMG140512	M5*10	T20
SP54-216-C40-4D	54	275	221	216	70	345	40	SPMG140512	M5*10	T20
SP55-220-C40-4D	55	280	225	220	70	350	40	SPMG140512	M5*10	T20
SP56-224-C40-4D	56	285	229	224	70	355	40	SPMG140512	M5*10	T20
SP57-228-C40-4D	57	290	233	228	70	360	40	SPMG140512	M5*10	T20
SP58-232-C40-4D	58	295	237	232	70	365	40	SPMG140512	M5*10	T20
SP59-236-C40-4D	59	300	241	236	70	370	40	SPMG140512	M5*10	T20
SP60-240-C40-4D	60	305	245	240	70	375	40	SPMG140512	M5*10	T20
SP61-244-C40-4D	61	310	249	244	70	380	40	SPMG140512	M5*10	T20
SP62-248-C40-4D	62	315	253	248	70	385	40	SPMG140512	M5*10	T20
SP63-252-C40-4D	63	320	257	252	70	390	40	SPMG140512	M5*10	T20
SP64-256-C40-4D	64	325	261	256	70	395	40	SPMG140512	M5*10	T20
SP65-260-C40-4D	65	330	265	260	70	400	40	SPMG140512	M5*10	T20
SP66-264-C40-4D	66	335	269	264	70	405	40	SPMG140512	M5*10	T20
SP67-268-C40-4D	67	340	273	268	70	410	40	SPMG140512	M5*10	T20
SP68-272-C40-4D	68	345	277	272	70	415	40	SPMG140512	M5*10	T20

攻丝夹头系列
TAPPING CHUCK SERIES



攻丝夹头系列
TAPPING CHUCK SERIES

攻牙本体系列 TAPPING CHUCK SYSTEM



限制螺孔深度设定方案及操作注意事项 TAP SETTING AND INSTRUCTION MANUAL

设定推进量
设定为 F1-5mm。与丝锥的推进速度一致或者稍慢些许。

→ **开始攻丝**

→ **主轴移动量**
以螺孔深度 - 自身推进量 F1 之后的值。

→ **进刀终止点**
机器停止进刀，只有主轴旋转。

→ **停留时间**

$$\text{停留时间} = \frac{\text{自身推进量}}{\text{丝锥的 P} \times \text{主轴转数}} \times 2$$

→ **丝锥停止点**
机器主轴停止旋转，然后逆旋转回送（设定为同步丝锥返回速度相同的值）

→ **完 成**

伸缩扭力攻丝刀柄 TENSION AND COMPRESSION TAPER HOLDER

注意事项：

1、攻丝刀柄伸缩机构

攻丝刀柄本身自己自带伸缩的伸缩机构。这是防止双螺丝及丝锥的牙距与机械进给能圆滑的同步进行。必须在伸缩量的范围内使用。

①伸长过量

超过伸长界限时，黑色标记会出来，请加快机床进给量。

②压缩过量

机床进给比丝锥进刀快，压缩机构动作，请减少机床进给量。

2、底孔较小时（难切削材质等加工时，底孔径不够的现象较多），扭距保护机构，使丝锥空转。这种情况下，不要调整扭矩（ZK 攻丝套筒的场合），请扩大底孔。

3、盲孔攻丝时，程序的 Z 轴指令偏深时，主轴回转停止时，孔底在回转力的作用下，因碰到底部，无法伸长。反转时，在出口时无法恢复的原长，丝锥容易碰盲孔口部。这种情况下，请加深下底部或减浅指令值。

4、Z 型攻丝刀柄的场合，机器的固定进给，Z 点反转开始 Z 上升，攻丝刀柄是在缩短的状态 Z 轴上升，孔口容易与丝锥碰到，这种情况下，Z 点进入停顿，攻丝刀柄在伸长的状下，随 Z 轴一起上升。

5、攻丝刀柄和攻丝套筒的修理费，人为损坏及保修期后，修复及检测均需收费（基本费用）。

Remarks:

1、TENSION AND COMPRESSION TAPER HOLDER

Tension and compression function can prove screw and tap tooth space moving sleekly and synchronously with machine . It should be used in the scope of designed tension and compression.

① Over tension

The black mark can be seen at this time. Please up the working speed of axis.

② Over compression

Reduce the moving speed of axis.

2、In case of small hole in tapping model, torque protection function makes taps idling. Don't adjust the torque instead of large one.

3、When blind hole tapping, Z axis programmed with slant depth and under the gyroscopic force and touch the bottom part, in case of reversal, orifice can be easily touched. Pls deepen the hole or reduce programmed Z axis data instruction.

4、When Z system tapping chuck in use, in other case of orifice touched, please stop the Z point, tapping chuck run up with Z axis in the state of elongation.

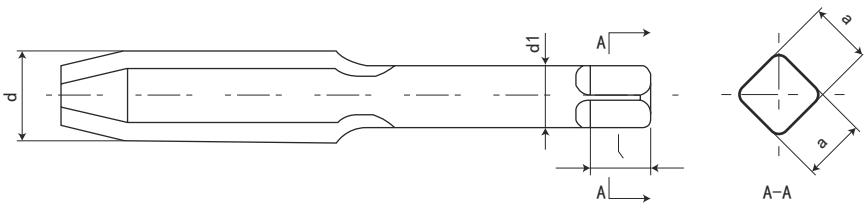
5、In case of artificial damage or after warranty period, The cost for evaluating and remanding should be charged.

常见直槽高速丝锥的切削扭矩参考值

HIGH SEED AND STRAIGHT SLOT CUTTING TORQUE REFERENCE

丝锥尺寸	最小攻丝扭距 N·m	最大攻丝扭距 N·m	丝锥折断扭矩（低强度）N·m	丝锥折断扭矩（高强度）N·m	所需功率 KW	攻丝夹头的调整值（正常）N·m	攻丝夹头的调整值（最小）N·m	攻丝夹头的调整值（最大）N·m
M5	2.26	3.39	4.52	4.78	0.247	2.82	2.26	4.52
M6	3.39	4.78	5.65	11.3	0.373	4.52	3.39	6.78
M8	4.52	9.04	8.48	17	0.373	6.78	5.65	11.3
M10	11.3	22.6	20.3	28.3	0.56	14.7	12.4	24.9
M12	11.3	22.6	20.3	33.9	0.746	22.6	20.3	33.9
M14	22.6	67.8	56.5	90.4	0.93	39.5	39.5	73.4
M16	28.3	67.8	72.5	123	0.56	51	51	73.4
M20	56.5	113	113	170	1.3	73.4	73.4	107

丝锥标准形式 TAP SCREW BLANK SYSTEM



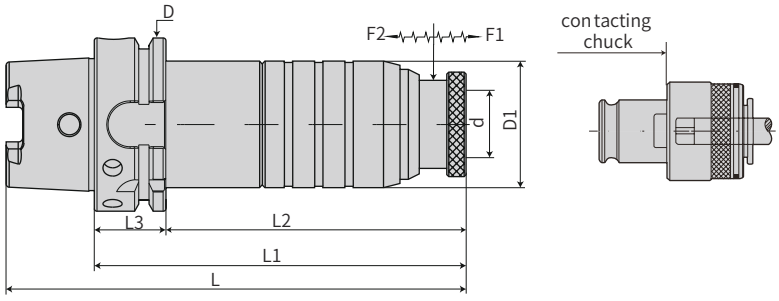
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			直径	四角	直径	四角	直径	四角	直径	四角	直径 d1
			d1	axa	d1	axa	d1	axa	d1	axa	
M3		W1/8	4	3.2	3.15	2.5	3.5	2.7	2.2		3.18
M4/M4.5		W5/32	5	4	4	3.15	4.5	3.4	2.8	2.1	3.97
M5/M5.5		W3/16	5.5	4.5	5	4	6	4.9	3.5	2.7	4.76
M6	U1/4	W1/4	6	4.5	6.3	5	6	4.9	4.5	3.4	6.35
	U5/16	W5/16	6.1	5.5							7.94
M8/M7			6.2	5	6.3	5	8	6.2	6	4.9	
M10/M9	U3/8	W3/8	7	5.5	8	6.3		8	7	5.5	9.52
M11	U7/16	W7/16	8	6							11.11
M12			8.5	6.5	9	7.1			9	7	
	U1/2	W1/2	9	7							12.7
M14/M15	U9/16	W9/16	10.5	8	11.2	9			11	9	14.28
	U5/8	W5/8	12	9							15.88
M16			12.5	10	12.5	10			12	9	
M17			13	10							
M18	U3/4	W3/4	14	11	14	11.2			14	11	19.05
M20			15	12	14	11.2			16	12	
M22	U7/8	W7/8	17	13	16	12.5			18	14.5	22.22
M24/M25			19	15	18	14			18	14.5	
M25/M26	U1	W1	20	15							25.4
M27			20	15	20	16			20	16	
M28			21	17							
	U1 1/8	W1 1/8	22	17							28.58
M30			23	17	20	16			22	18	
M32	U1 1/4	W1 1/4	24	19							31.75
M33			25	19	22.4	18					
M34/M35	U1 3/8	W1 3/8	26	21							34.93
M36			28	21	25	20					
M39/M40	U1 1/2	W1 1/2	30	23							38.1
M42		W1 5/8	32	26	28	22.4					41.28
M45	U1 3/4	W1 3/4	35	26							44.45
M48		W1 7/8	38	29	31.5	25					47.63

攻丝夹头系列 TAPPING CHUCK SERIES

HSK-GT 扭力伸缩攻牙本 TENSION AND COMPRESSION TAPER HOLDER/HSK-GT



P.Q13



型号 / 规格 Model	攻牙范围 Gripl range	L	L1	L2	L3	D	D1	d	伸缩长度 Lenght comp 压缩 F2 Comp	伸长 F1 Tens	夹头名称 Collet name
HSK50A-GT12-135	M3-M16	160	135	109	26	50	46	19	15	15	GT12
HSK63A-GT12-135	M3-M16	167	135	109	26	63	46	19	15	15	GT12
HSK100A-GT12-140	M3-M16	190	140	111	29	100	46	19	15	15	GT12
型号 / 规格 Model	攻牙范围 Gripl range	L	L1	L2	L3	D	D1	d	伸缩长度 Lenght comp 压缩 F2 Comp	伸长 F1 Tens	夹头名称 Collet name
HSK50A-GT24-160	M5-M30	185	160	134	26	50	66	30	10	15	GT24
HSK63A-GT24-160	M5-M30	192	160	134	26	63	66	30	10	15	GT24
HSK100A-GT24-150	M5-M30	200	150	121	29	100	66	30	10	15	GT24
型号 / 规格 Model	攻牙范围 Gripl range	L	L1	L2	L3	D	D1	d	伸缩长度 Lenght comp 压缩 F2 Comp	伸长 F1 Tens	夹头名称 Collet name
HSK50A-GT42-200	M24-M42	225	200	174	26	50	78	45	10	10	GT42
HSK63A-GT42-200	M24-M42	232	200	174	26	63	78	45	10	10	GT42
HSK100A-GT42-165	M24-M42	215	165	136	29	100	78	45	10	10	GT42

特点：

注：

◎本体规格：JIS MAS 403 BT

◎具有扭矩过载保护可防止丝锥断裂

◎具有浮动、伸缩、快换等功能

◎适合在 CNC 加工中心、数控铣床等机床设备

◎攻丝范围：M3-M42

Features:

◎ Spindle conicity standard:JIS MAS 403 BT

◎ Torque overload protection protects screw blank from fracture.

◎ Have floating, quick change and torque protection functions.

◎ Used on lathes, borers and private plane machines and so on.

◎ Tapping range: M3-M42.

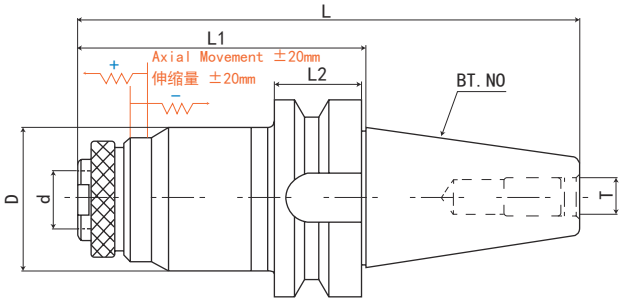
HSK63A - GT - 12 - 120L

- 120L → 长 度 Length(L)
- 12 → 攻牙范围 Tapping range
- GT → 功能代号 Function code
- HSK63A → 锥柄形式 Shank size



BT-GT 扭力伸缩攻牙本体 TENSION AND COMPRESSION TAPER HOLDER/BT-GT






P.Q13


P.J29

型号 / 规格 Model	攻牙范围 Tapping range	D	d	L	L1	L2	T	夹头名称 Collet name
BT30-GT12-120L	M3-M16	46	19	168	120	20	M12	GT12
BT40-GT12-110L	M3-M16	46	19	175	110	25	M16	GT12
BT50-GT12-120L	M3-M16	46	19	222	120	35	M24	GT12
型号 / 规格 Model	攻牙范围 Tapping range	D	d	L	L1	L2	T	夹头名称 Collet name
BT30-GT24-120L	M5-M30	66	30	168	120	20	M12	GT24
BT40-GT24-130L	M5-M30	66	30	195	130	25	M16	GT24
BT50-GT24-130L	M5-M30	66	30	232	130	35	M24	GT24
型号 / 规格 Model	攻牙范围 Tapping range	D	d	L	L1	L2	T	夹头名称 Collet name
BT50-GT42-190L	M24-M42	95	45	292	190	35	M24	GT42

特点：

注：

◎本体规格：JIS MAS 403 BT

◎具有扭矩过载保护可防止丝锥断裂

◎具有浮动、伸缩、快换等功能

◎适合在 CNC 加工中心、数控铣床等机床设备

◎攻丝范围：M3-M42

Features:

◎ Spindle conicity standard:JIS MAS 403 BT

◎ Torque overload protection protects screw blank from fracture.

◎ Have floating, quick change and torque protection functions.

◎ Used on lathes, borers and private plane machines and so on.

◎ Tapping range: M3-M42.

BT30 - GT - 12 - 120L

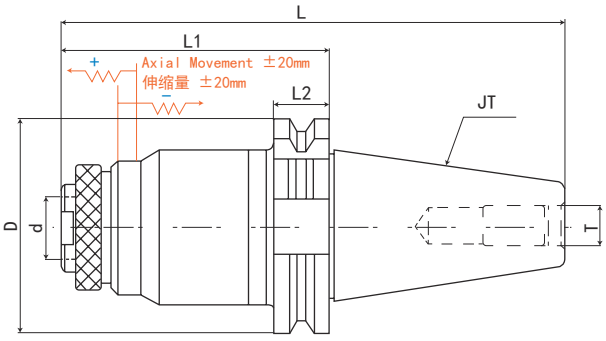
- 120L → 长 度 Length(L)
- 12 → 攻 牙 范 围 Tapping range
- GT → 功 能 代 号 Function code
- BT30 → 锥 柄 形 式 Shank size



攻丝夹头系列 TAPPING CHUCK SERIES

SK/DAT-GT 扭力伸缩攻牙本体 TENSION AND COMPRESSION TAPER HOLDER/SK/DAT-GT






P.Q13


P.J24

型号 / 规格 Model	攻牙范围 Tapping range	D	d	L	L1	L2	T	夹头名称 Collet name
SK30-GT12-120L	M3-M16	46	19	168	120	16	M12	GT12
SK40-GT12-110L	M3-M16	46	19	175	110	16	M16	GT12
SK50-GT12-120L	M3-M16	46	19	222	120	16	M24	GT12
型号 / 规格 Model	攻牙范围 Tapping range	D	d	L	L1	L2	T	夹头名称 Collet name
SK30-GT24-120L	M5-M30	66	30	168	120	16	M12	GT24
SK40-GT24-130L	M5-M30	66	30	195	130	16	M16	GT24
SK50-GT24-130L	M5-M30	66	30	232	130	16	M24	GT24
型号 / 规格 Model	攻牙范围 Tapping range	D	d	L	L1	L2	T	夹头名称 Collet name
SK50-GT42-190L	M24-M42	95	45	292	190	16	M24	GT42

特点：

注：

◎本体规格：DIN69871-A 及 GB10944

◎具有扭矩过载保护可防止丝锥断裂

◎具有浮动、伸缩、快换等功能

◎适合在 CNC 加工中心、数控铣床等机床设备

◎攻丝范围：M3-M42

SK30 - GT - 12 - 120L

- 120L → 长 度 → Length(L)
- 12 → 攻 牙 范 围 → Tapping range
- GT → 功 能 代 号 → Function code
- SK30 → 锥 柄 形 式 → Shank size

Features:

◎ Spindle conicity standard: DIN69871AorGB10944

◎ Torque overload protection protects screw blank from fracture.

◎ Have floating, quick change and torque protection functions.

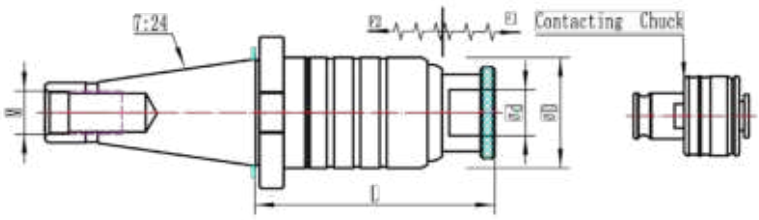
◎ Used on lathes, borers and private plane machines and so on.

◎ Tapping range:M3-M42.



NT-GT 扭力伸缩攻牙本体 TENSION AND COMPRESSION TAPER HOLDER/NT-GT







P.Q13

规 格 Model	攻牙范围 Gripl range	φd	φD	L	伸缩长度 Lenght comp		攻丝筒夹 Colllets
					压缩 F2 Comp	伸长 F1 Tens	
NT30-GT12-105	M2-M16	19	46	105	15mm	15mm	TC312
-GT24-130	M5-M30	30	66	130	10mm	15mm	GT24
-TC820-130	M5-M30	31	66	130	10mm	15mm	TC820
NT40-GT12-105	M2-M16	19	46	105	15mm	15mm	TC312
-GT24-125	M5-M30	30	66	125	10mm	15mm	GT24
-TC820-125	M5-M30	31	66	125	10mm	15mm	TC820
NT50-GT12-110	M2-M16	19	46	110	15mm	15mm	TC312
-GT24-130	M5-M30	30	66	130	10mm	15mm	GT24
-TC820-130	M5-M30	31	66	130	10mm	15mm	TC820
-GT42-125	M24-M42	45	78	125	10mm	10mm	GT42

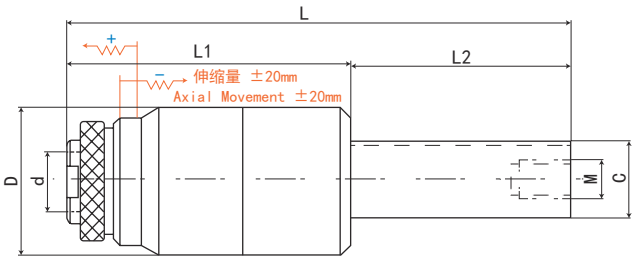
NT30 - GT - 12 - 105L

- 105L → 长 度 Length(L)
- 12 → 攻 牙 范 围 Tapping range
- GT → 功 能 代 号 Function code
- NT30 → 锥 柄 形 式 Shank size

攻丝夹头系列 TAPPING CHUCK SERIES

C-GT 直柄扭力伸缩攻牙刀柄 TENSION AND COMPRESSION TAPER HOLDER/STRAIGHT SHANK






P.Q13

型号 / 规格 Model	攻牙范围 Tapping range	D	d	L	L1	L2	M	夹头名称 Collet name
C16-GT12-110L	M3-M16	46	19	160/210	110	50/100	M12*1.75P	GT12
C20-GT12-110L	M3-M16	46	19	160/210	110	50/100	M12*1.75P	GT12
C25-GT12-110L	M3-M16	46	19	160/210	110	50/100	M12*1.75P	GT12
C32-GT12-110L	M3-M16	46	19	210/260	110	100/150	M12*1.75P	GT12
型号 / 规格 Model	攻牙范围 Tapping range	D	d	L	L1	L2	M	夹头名称 Collet name
C20-GT24-120L	M5-M30	66	30	170/220	120	50/100	M12*1.75P	GT24
C25-GT24-120L	M5-M30	66	30	170/220	120	50/100	M12*1.75P	GT24
C32-GT24-120L	M5-M30	66	30	220/270	120	100/150	M12*1.75P	GT24

特点：

注：

◎具有扭矩过载保护可防止丝锥断裂

◎具有浮动、伸缩、快换等功能

◎适合各种夹头加长和各种设备攻牙

◎攻丝范围：M3-M30

Features:

◎ Torque overload protection protects screw blank from fracture.

◎ Have floating, quick change and torque protection functions.

◎ Used on drill machines, tapping machines, borers, lathes and so on for tapping.

◎ Tapping range: M3-M30.



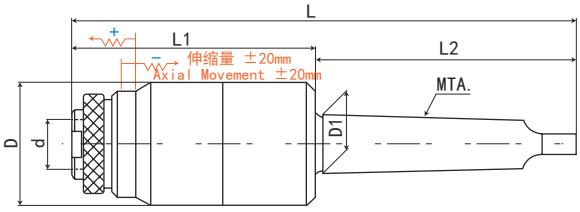
C16 - GT - 12 - 110L

长 度	Length(L)
攻 牙 范 围	Tapping range
功 能 代 号	Function code
锥 柄 形 式	Shank size



MTA-GT 扭力伸缩攻牙本体 TENSION AND COMPRESSION TAPER HOLDER/MTA-GT






P.Q13

型号 / 规格 Model	攻牙范围 Tapping range	D	D1	d	L	L1	L2	夹头名称 Collet name
MTA2-GT12-110L	M3-M16	46	17.780	19	194	110	84	GT12
MTA3-GT12-110L	M3-M16	46	23.825	19	209	110	99	GT12
MTA4-GT12-110L	M3-M16	46	31.267	19	234	110	124	GT12
MTA5-GT12-110L	M3-M16	46	44.399	19	266	110	156	GT12
型号 / 规格 Model	攻牙范围 Tapping range	D	D1	d	L	L1	L2	夹头名称 Collet name
MTA2-GT24-120L	M5-M30	66	17.780	30	204	120	84	GT24
MTA3-GT24-120L	M5-M30	66	23.825	30	219	120	99	GT24
MTA4-GT24-120L	M5-M30	66	31.267	30	244	120	124	GT24
MTA5-GT24-120L	M5-M30	66	44.399	30	276	120	156	GT24
型号 / 规格 Model	攻牙范围 Tapping range	D	D1	d	L	L1	L2	夹头名称 Collet name
MTA5-GT42-190L	M24-M42	95	44.399	45	346	190	156	GT42
MTA6-GT42-190L	M24-M42	95	63.348	45	408	190	218	GT42
公制 80-GT42-190L	M24-M42	95	80.00	45	418	190	228	GT42

特点：

注：

◎本体规格：莫氏带扁尾锥柄

◎具有扭矩过载保护可防止丝锥断裂

◎具有浮动、伸缩、快换等功能

◎适合钻床、攻牙机、车床、铣床等机床设备

◎攻丝范围：M3-M42

MTA2 - GT - 12 - 110L

- 长　度 — Length(L)
- 攻 牙 范 围 — Tapping range
- 功 能 代 号 — Function code
- 锥 柄 形 式 — Shank size

Features:

◎ Spindle conicity standard: MORSE TAPER(Tongue Type)

◎ Torque overload protection protects screw blank from fracture.

◎ Have floating, quick change and torque protection functions.

◎ Used on drill machines, tapping machines, borers, lathes and so on for tapping.

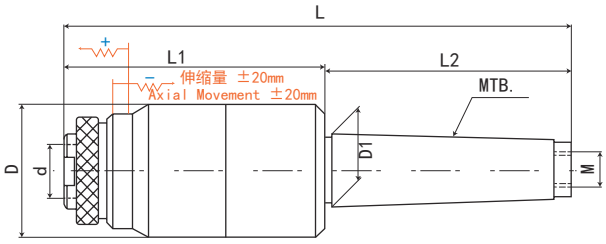
◎ Tapping range: M3-M42.



攻丝夹头系列 TAPPING CHUCK SERIES

MTB-GT 扭力伸缩攻牙本体 TENSION AND COMPRESSION TAPER HOLDER/MTB-GT







P.Q13

型号 / 规格 Model	攻牙范围 Tapping range	D	D1	d	L	L1	L2	M	夹头名称 Collet name
MTB2-GT12-110L	M3-M16	46	17.780	19	178	110	68	M10*1.5P	GT12
MTB3-GT12-110L	M3-M16	46	23.825	19	195	110	85	M12/1.75P	GT12
MTB4-GT12-110L	M3-M16	46	31.267	19	218	110	108	M16*2.0P	GT12
MTB5-GT12-110L	M3-M16	46	44.399	19	246	110	136	M20*2.5P	GT12
型号 / 规格 Model	攻牙范围 Tapping range	D	D1	d	L	L1	L2	M	夹头名称 Collet name
MTB2-GT24-120L	M5-M30	66	17.780	30	188	120	68	M10*1.5P	GT24
MTB3-GT24-120L	M5-M30	66	23.825	30	205	120	85	M12/1.75P	GT24
MTB4-GT24-120L	M5-M30	66	31.267	30	228	120	108	M16*2.0P	GT24
MTB5-GT24-120L	M5-M30	66	44.399	30	256	120	136	M20*2.5P	GT24

特点:

注:

◎本体规格：莫氏后拉式锥柄

◎具有扭矩过载保护可防止丝锥断裂

◎具有浮动、伸缩、快换等功能

◎适合钻床、攻牙机、车床、铣床等机床设备

◎攻丝范围：M3-M42

MTB2 - GT - 12 - 110L

- 长 度 — Length(L)
- 攻 牙 范 围 — Tapping range
- 功 能 代 号 — Function code
- 锥 柄 形 式 — Shank size

Features:

◎ Spindle conicity standard: MORSE TAPER(Drawing Thread Type)

◎ Torque overload protection protects screw blank from fracture.

◎ Have floating, quick change and torque protection functions.

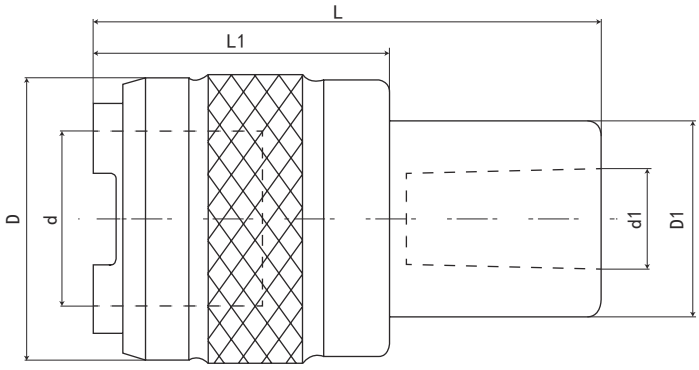
◎ Used on drill machines, tapping machines, borers, lathes and so on for tapping.

◎ Tapping range: M3-M42.



GT- 内锥扭力攻牙本体 TENSION AND COMPRESSION TAPER CHUCK GT







P.Q13

型号 / 规格 Model	攻牙范围 Tapping range	D	D1	d	d1	L	L1	夹头名称 Collet name
B12-GT12	M3-M16	35	29	19	12.065	60	33	GT12
B16-GT12	M3-M16	35	29	19	15.733	64	33	GT12
B18-GT12	M3-M16	35	29	19	17.780	73	33	GT12
型号 / 规格 Model	攻牙范围 Tapping range	D	D1	d	d1	L	L1	夹头名称 Collet name
B16-GT24	M5-M30	51	34	30	15.733	78	57	GT24
B18-GT24	M5-M30	51	34	30	17.780	84	53	GT24
B22-GT24	M5-M30	51	38	30	21.793	93	53	GT24
型号 / 规格 Model	攻牙范围 Tapping range	D	D1	d	d1	L	L1	夹头名称 Collet name
B18-GT42	M24-M42	78	50	45	17.780	110	70	GT42
B22-GT42	M24-M42	78	50	45	21.793	110	70	GT42
B28-GT42	M24-M42	78	50	45	28.00	110	70	GT42

特点:

注:

◎具有扭矩过载保护可防止丝锥断裂

◎具有浮动、伸缩、快换等功能

◎适合台钻、攻丝机、车床、专机等机床设备

◎攻丝范围：M3-M42

Features:

◎ Torque overload protection protects screw blank from fracture.
◎ Have floating, quick change and torque protection functions.
◎ Used on drill machines, tapping machines, borers, lathes and so on for tapping.
◎ Tapping range: M3-M42.

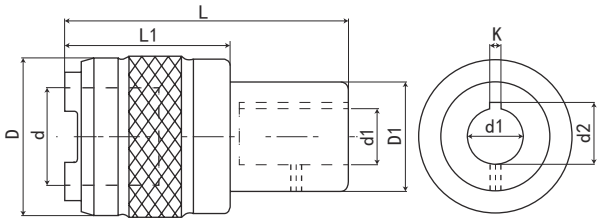
B12 - GT - 12

- 攻 牙 范 围 Tapping range
- 功 能 代 号 Function code
- 锥 柄 形 式 Shank size

攻丝夹头系列 TAPPING CHUCK SERIES

GT- 直孔键槽伸缩扭力攻丝刀柄 TENSION AND COMPRESSION TAPER HOLDER GT







P.Q13

型号 / 规格 Model	攻牙范围 Tapping range	D	D1	d	d1	d2	K	L	L1	夹头名称 Collet name
ϕ14-GT12	M3-M16	34	29	19	14	16.5	5	60	33	GT12
ϕ16-GT12	M3-M16	34	29	19	16	18	5	70	33	GT12
ϕ18-GT12	M3-M16	34	29	19	18	20	5	70	33	GT12
型号 / 规格 Model	攻牙范围 Tapping range	D	D1	d	L	d2	K	L	L1	夹头名称 Collet name
ϕ20-GT24	M5-M30	51	34	30	20	23.5	6	90	57	GT24
ϕ22-GT24	M5-M30	51	34	30	22	25.5	6	90	57	GT24
型号 / 规格 Model	攻牙范围 Tapping range	D	D1	d	d1	d2	K	L	L1	夹头名称 Collet name
ϕ20-GT42	M24-M42	78	50	45	20	23.5	6	113	70	GT42
ϕ22-GT42	M24-M42	78	50	45	22	25.5	6	113	70	GT42
ϕ25-GT42	M24-M42	78	50	45	25	28	6	113	70	GT42

特点：

注：

◎具有扭矩过载保护可防止丝锥断裂

◎具有浮动、伸缩、快换等功能

◎适合台钻、攻丝机、车床、专机等机床设备

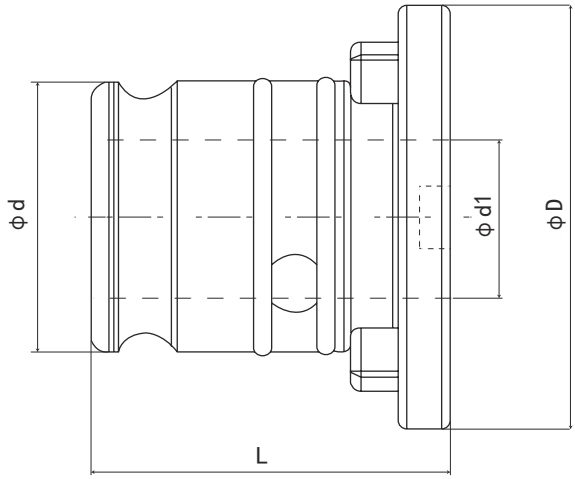
◎攻丝范围：M3-M42

Features:

◎ Torque overload protection protects screw blank from fracture.
◎ Have floating, quick change and torque protection functions.
◎ Used on drill machines, tapping machines, borers, lathes and so on for tapping.
◎ Tapping range: M3-M42.

GT 转换套 GT TAP CHUCK REDUCER





型号 / 规格 Model	D	d	d1	L	夹头名称 Collet name
GT42-GT24	64	45	30	55	GT24
GT24-GT12	44	30	19	36	GT12
TC820-GT12	48	31	19	41	GT12

GT 型 - 扭力过载保护攻丝夹头 OVERLOAD PROTE CTION TAP COLLET-GT SYSTEM



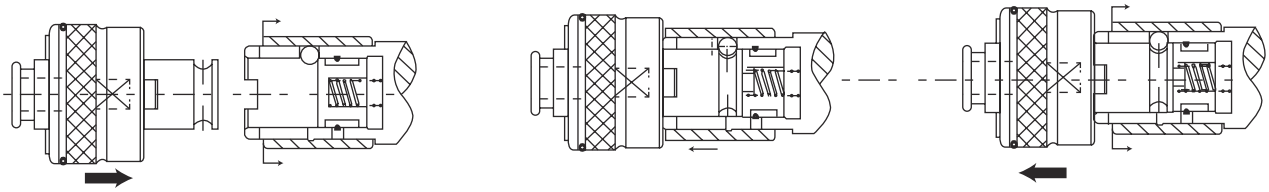
GT12

GT24



GT42

攻牙本体与攻丝筒夹连接操作方法 QUICK CHANGE PROTECT TAP COLLET-G SYSTEM

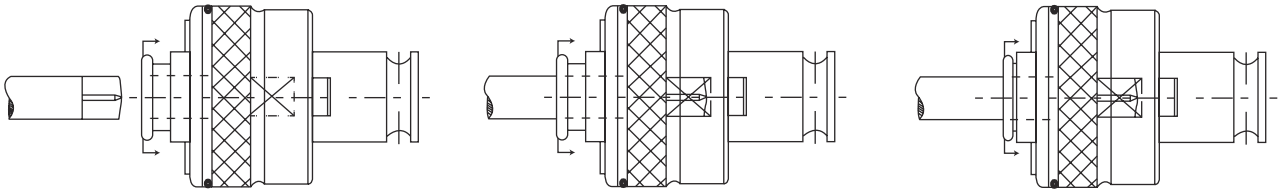


准备套上
Read to connect

套上
Connected

分离
Separation

攻牙筒夹与刀具连接操作方法 SCREW TAP AND COLLET CONNECTING

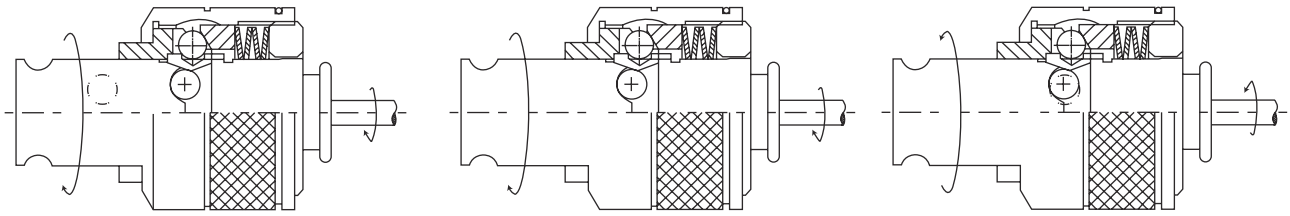


准备套上
Read to connect

套上
Connected

分离
Separation

可调整安全固定钮操作方法 SAFETY FIXED BOTTOM AD JUSTING



可调整安全固定钮
Adjustable safety fixed bottom

不正常操作情况
False operation

正常操作情况
Correct operation

先取下卡环，扭力调整把手顺时针旋转调整所需扭力，
再上卡环即可。

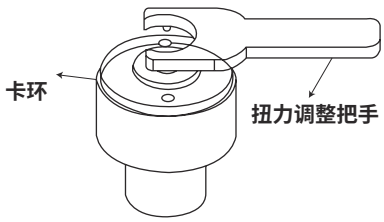


图 1

先取下卡环，扭力调整把手逆时针旋转调整所需扭力，
再上卡环即可。

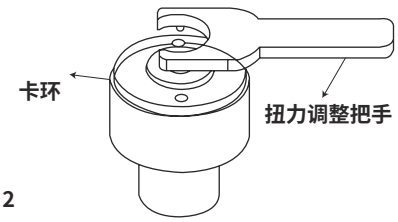
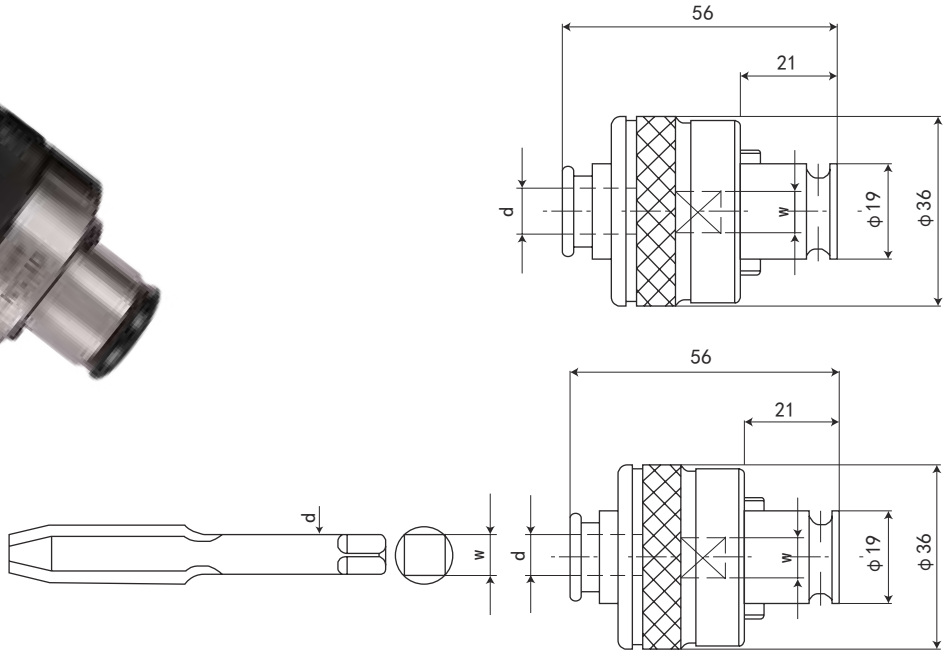


图 2

攻丝夹头系列 TAPPING CHUCK SERIES

GT12 过载保护攻丝夹头（国标） OVERLOAD PROTE CTION TAP COLLET-GT12 SYSTEM（ISO）





规格（国标） Model(ISO)	夹持丝锥 (ISO 国标)	丝锥柄径 d	丝锥方 W
ISO-GT12-M3	M3	3.15	2.5X2.5
ISO-GT12-M4	M4	4	3.15X3.15
ISO-GT12-M5	M5	5	4X4
ISO-GT12-M6	M6	6.3	5X5
ISO-GT12-M8	M8	6.3	5X5
ISO-GT12-M10	M10	8	6.3X6.3
ISO-GT12-M12	M12	9	7.1X7.1
ISO-GT12-M14	M14	11.2	9X9
ISO-GT12-M16	M16	12.5	10X10

GT12 过载保护攻丝夹头（英制 / 日标） OVERLOAD PROTE CTION TAP COLLET-GT12 SYSTEM（INCH/JIS）

规格（英制 / 日标） Model(INCH/JIS)	夹持丝锥 (JIS 日标)	夹持丝锥 (INCH 英制)	丝锥柄径 d	丝锥方 W
JIS-GT12-M3	M3	1/8	4	3.2X3.2
JIS-GT12-M4	M4	5/32	5	4X4
JIS-GT12-M5	M5	3/16	5.5	4.5X4.5
JIS-GT12-M6	M6	1/4	6	4.5X4.5
JIS-GT12-M8	M8	-	6.2	5X5
JIS-GT12-M10	M10	3/8	7	5.5X5.5
JIS-GT12-M12	M12	-	8.5	6.5X6.5
JIS-GT12-M14	M14	9/16	10.5	8X8
JIS-GT12-M16	M16	-	12.5	10X10

特点：

注：

◎本品具有扭矩过载保护功能、高精度、高感度和使用寿命长。

◎扭矩的变动反应灵敏，可根据各种不同材质而设定相应的扭矩。

◎适用于各种攻牙机器和电动攻牙机、气动攻牙机。

◎目前已与众多攻牙机厂配套使用。

Features:

◎ High precision, long tool-life with torque protection function.
◎ Torsion reflect sensitive and changes according to various material to set up corresponding torque.
◎ Used for kinds of tapping machine including electric tapping machine and pneumatic tapping machine.
◎ At present, many tapping machine factories have been being used with this type.

GT24 过载保护攻丝夹头（国标） OVERLOAD PROTE CTION TAP COLLET-GT24 SYSTEM（ISO）



规格（国标） Model(ISO)	夹持丝锥 (ISO 国标)	丝锥柄径 d	丝锥方 W
ISO-GT24-M5	M5	5	4X4
ISO-GT24-M6	M6	6.3	5X5
ISO-GT24-M8	M8	6.3	5X5
ISO-GT24-M10	M10	8	6.3X6.3
ISO-GT24-M12	M12	9	7.1X7.1
ISO-GT24-M14	M14	11.2	9X9
ISO-GT24-M16	M16	12.5	10X10
ISO-GT24-M18	M18	14	11.2X11.2
ISO-GT24-M20	M20	14	11.2X11.2
ISO-GT24-M22	M22	16	12.5X12.5
ISO-GT24-M24	M24	18	14X14
ISO-GT24-M27	M27	20	16X16
ISO-GT24-M30	M30	20	16X16

GT24 过载保护攻丝夹头（英制 / 日标） OVERLOAD PROTE CTION TAP COLLET-GT24 SYSTEM（INCH/JIS）

规格（英制 / 日标） Model(INCH/JIS)	夹持丝锥 (JIS 日标)	夹持丝锥 (INCH 英制)	丝锥柄径 d	丝锥方 W
JIS-GT24-M5	M5	3/16	5.5	4.5X4.5
JIS-GT24-M6	M6	1/4	6	4.5X4.5
JIS-GT24-M8	M8	-	6.2	5X5
JIS-GT24-M10	M10	3/8	7	5.5X5.5
JIS-GT24-M12	M12	-	8.5	6.5X6.5
JIS-GT24-M14	M14	9/16	10.5	8X8
JIS-GT24-M16	M16	-	12.5	10X10
JIS-GT24-M18	M18	3/4	14	11X11
JIS-GT24-M20	M20	-	15	12X12
JIS-GT24-M22	M22	7/8	17	13X13
JIS-GT24-M24	M24	-	19	15X15
JIS-GT24-M27	M27	-	20	15X15
JIS-GT24-M30	M30	-	23	17X17

特点：

注：

◎本品具有扭矩过载保护功能、高精度、高感度和使用寿命长。

◎扭矩的变动反应灵敏，可根据各种不同材质而设定相应的扭矩。

◎适用于各种攻牙机器和电动攻牙机、气动攻牙机。

◎目前已与众多攻牙机厂配套使用。

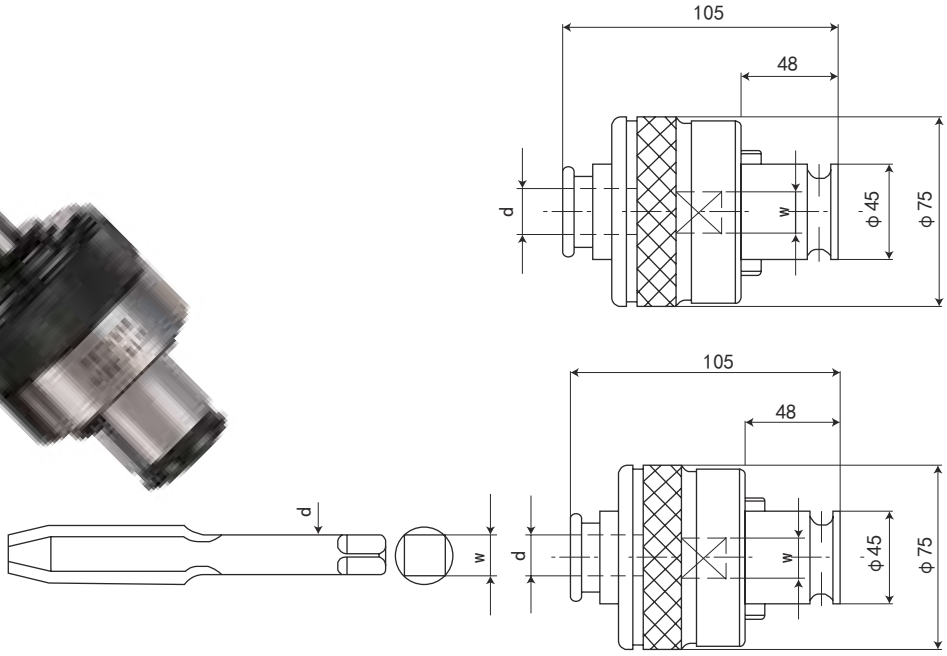
Features:

◎ High precision, long tool-life with torque protection function.
◎ Torsion reflect sensitive and changes according to various material to set up corresponding torque.
◎ Used for kinds of tapping machine including electric tapping machine and pneumatic tapping machine.
◎ At present, many tapping machine factories have been being used with this type.

攻丝夹头系列 TAPPING CHUCK SERIES

GT42 过载保护攻丝夹头（国标） OVERLOAD PROTE CTION TAP COLLET-GT42 SYSTEM（ISO）





规格（国标） Model(ISO)	夹持丝锥 (ISO 国标)	丝锥柄径 d	丝锥方 W
ISO-GT42-M24	M24	18	14X14
ISO-GT42-M27	M27	20	16X16
ISO-GT42-M30	M30	20	16X16
ISO-GT42-M33	M33	22.4	18X18
ISO-GT42-M36	M36	25	20X20
ISO-GT42-M39	M39	28	22.4X22.4
ISO-GT42-M42	M42	28	22.4X22.4
ISO-GT42-M45	M45	31.5	25X25
ISO-GT42-M48	M48	31.5	25X25

GT42 过载保护攻丝夹头（日标） OVERLOAD PROTE CTION TAP COLLET-GT42 SYSTEM（JIS）

规格（英制 / 日标） Model(INCH/JIS)	夹持丝锥 (JIS 日标)	丝锥柄径 d	丝锥方 W
JIS-GT42-M24	M24	19	15X15
JIS-GT42-M27	M27	20	15X15
JIS-GT42-M30	M30	23	17X17
JIS-GT42-M33	M33	25	19X19
JIS-GT42-M36	M36	28	21X21
JIS-GT42-M39	M39	30	23X23
JIS-GT42-M42	M42	32	26X26
JIS-GT42-M45	M45	35	26X26
JIS-GT42-M48	M48	38	29X29

特点：

注：

◎本品具有扭矩过载保护功能、高精度、高感度和使用寿命长。

◎扭矩的变动反应灵敏，可根据各种不同材质而设定相应的扭矩。

◎适用于各种攻牙机器和电动攻牙机、气动攻牙机。

◎目前已与众多攻牙机厂配套使用。

Features:

◎ High precision, long tool-life with torque protection function.

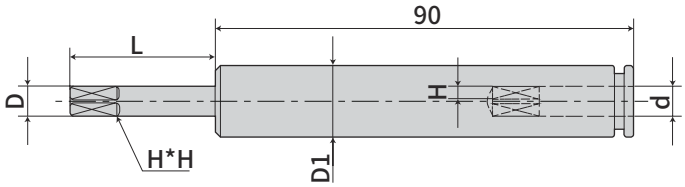
◎ Torsion reflect sensitive and changes according to various material to set up corresponding torque.

◎ Used for kinds of tapping machine including electric tapping machine and pneumatic tapping machine.

◎ At present, many tapping machine factories have been being used with this type.

快换式丝锥延长杆 QUICK-CHANGE TAP EXTENSION ROD



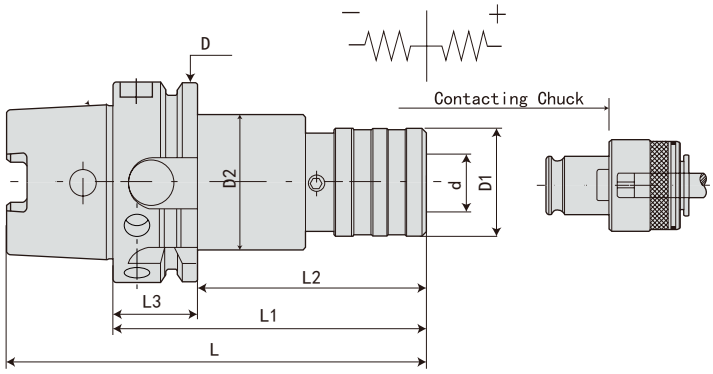


夹持丝锥 (ISO 国标)	D1	D	d	H	L
M3	12	3.15	3.15	2.5	90
M4	12	4	4	3.15	90
M5	14	5	5	4	90
M6/8	15	6.3	6.3	5	90
M10	17	8	8	6.3	90
M12	18	9	9	7.1	90
JIS 日标 / 规格	D1	D	d	H	L
M3	12	4	4	3.2	90
M4	15	5	5	4	90
M5	15	5.5	5.5	4.5	90
M6	15	6	6	4.5	90
M8	I5	6.2	6.2	5	90
M10	15	7	7	5.5	90
M12	18	8.5	8.5	6.5	90
DIN371 德标 / 规格	D1	D	d	H	L
M2	12	2.8	2.8	2.1	90
M3	12	3.5	3.5	2.7	90
M4	14	4.5	4.5	3.4	90
M5/6	15	6	6	4.9	90
M8	17	8	8	6.2	90
M10	18	10	10	8	90
DIN376 德标 / 规格	D1	D	d	H	L
M4	12	2.8	2.8	2.1	90
M5	12	3.5	3.5	2.7	90
M6	14	4.5	4.5	3.4	90
M8	15	6	6	4.9	90
M10	16	7	7	5.5	90
M12	17	9	9	7	90
M12	18	8.5	8.5	6.5	90

攻丝夹头系列 TAPPING CHUCK SERIES

HSK-WF 伸缩扭力攻丝刀柄 HSK-WF TAPPING CHUCK WITH LENGTH COMPENSATION







P.Q13

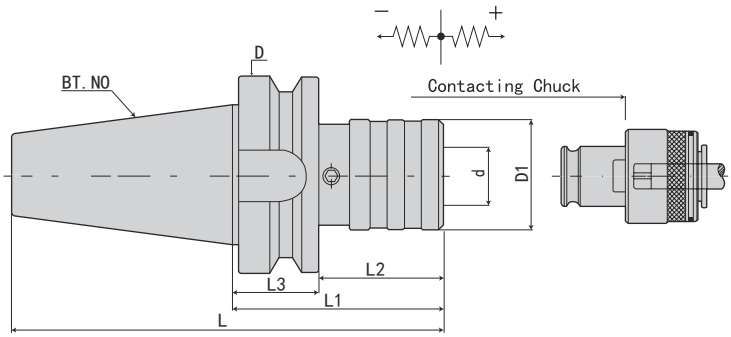
规 格 Model	柄部 Handle	攻牙范围 Gripl range	L	L1	L2	L3	D	D1	D2	d	伸缩长度 Lenght comp 压缩 F2 Comp	伸长 F1 Tens	夹头名称 Colllet name	重量 KGS
HSK32A-WF12-80	HSK32A	M3-M12	96	80	60	20	32	36	26	19	8mm	5mm	TC312	
HSK40A-WF12-80	HSK40A	M3-M12	100	80	60	20	40	36	34	19	8mm	5mm	TC312	
-WF20-103	HSK40A	M8-M20	123	103	83	20	40	53	34	31	13mm	10mm	TC820	
HSK50A-WF12-105	HSK50A	M3-M12	130	105	79	26	50	36	40	19	8mm	5mm	TC312	
-WF20-145	HSK50A	M8-M20	170	145	119	26	50	53	40	31	13mm	10mm	TC820	
-WF33-210	HSK50A	M14-M33	235	210	184	26	50	78	40	48	20mm	14mm	TC1433	
HSK63A-WF12-105	HSK63A	M3-M12	137	105	79	26	63	36	50	19	8mm	5mm	TC312	
-WF20-145	HSK63A	M8-M20	177	145	119	26	63	53	50	31	13mm	10mm	TC820	
-WF33-210	HSK63A	M14-M33	242	210	184	26	63	78	50	48	20mm	14mm	TC1433	
HSK80A-WF12-108	HSK80A	M3-M12	148	108	82	26	80	36	67	19	8mm	5mm	TC312	
-WF20-148	HSK80A	M8-M20	188	148	122	26	80	53	67	31	13mm	10mm	TC820	
-WF33-205	HSK80A	M14-M33	245	205	179	26	80	78	67	48	20mm	14mm	TC1433	
HSK100A-WF12-108	HSK100A	M3-M12	158	108	79	29	100	36	85	19	8mm	5mm	TC312	
-WF20-148	HSK100A	M8-M20	198	148	119	29	100	53	85	31	13mm	10mm	TC820	
-WF33-205	HSK100A	M14-M33	255	205	176	29	100	78	85	48	20mm	14mm	TC1433	

HSK32A - WF - 12 - 80L

- 80L → 长 度 Length(L)
- 12 → 攻 牙 范 围 Tapping range
- WF → 功 能 代 号 Function code
- HSK32A → 锥 柄 形 式 Shank size

BT-WF 伸缩扭力攻丝刀柄 BT-WF TAPPING CHUCK WITH LENGTH COMPENSATION







P.Q13

P.J24

规 格 Model	攻牙范围 Gripl range	L	L1	L2	L3	D	D1	d	伸缩长度 Lenght comp		夹头名称 Colllet name	重量 KGS
									压缩 F2 Comp	伸长 F1 Tens		
BT30-WF12- 71	M3-M12	119.4	71	49	22	46	36	19	8mm	5mm	TC312	
-WF20- 91	M8-M20	139.4	91	69	22	46	53	31	13mm	10mm	TC820	
BT40-WF12- 76	M3-M12	141.4	76	49	27	63	36	19	8mm	5mm	TC312	
-WF20- 96	M8-M20	161.4	96	69	27	63	53	31	13mm	10mm	TC820	
-WF33-138	M14-M33	203.4	138	111	27	63	78	48	20mm	14mm	TC1433	
BT50-WF12- 86	M3-M12	187.4	86	48	38	100	36	19	8mm	5mm	TC312	
-WF20-106	M8-M20	207.8	106	68	38	100	53	31	13mm	10mm	TC820	
-WF33-148	M14-M33	249.8	148	110	38	100	78	48	20mm	14mm	TC1433	

BT30 - WF - 12 - 71

- 71 → 长 度 → Length(L)
- 12 → 攻 牙 范 围 → Tapping range
- WF → 功 能 代 号 → Function code
- BT30 → 锥 柄 形 式 → Shank size

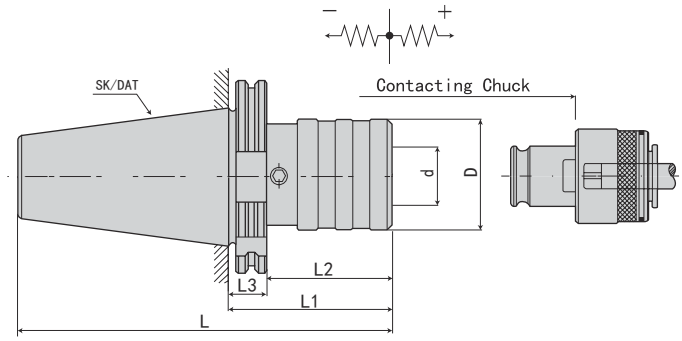
攻丝夹头系列 TAPPING CHUCK SERIES

SK-WF 伸缩扭力攻丝刀柄 SK-WF TAPPING CHUCK WITH LENGTH COMPENSATION




P.Q13

P.J24



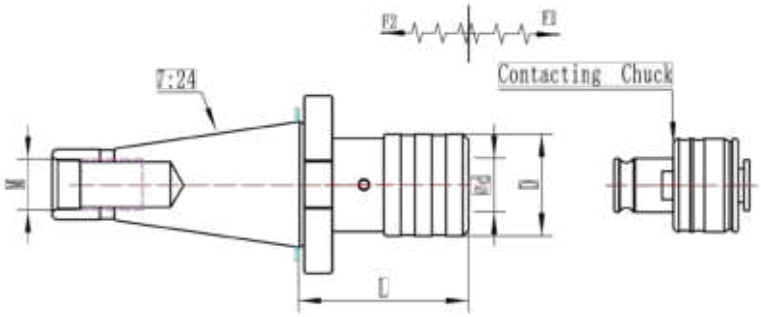
规 格 Model	攻牙范围 Gripl range	L	L1	L2	L3	D	D1	d	伸缩长度 Lenght comp		夹头名称 Colllet name	重量 KGS
									压缩 F2 Comp	伸长 F1 Tens		
SK30-WF12- 67	M3-M12	114.8	67	47.9	19.1	50	36	19	8mm	5mm	TC312	
-WF20- 87	M8-M20	134.8	87	67.9	19.1	50	53	31	14mm	10mm	TC820	
SK40-WF12- 67	M3-M12	135.4	67	47.9	19.1	63.55	36	19	8mm	5mm	TC312	
-WF20- 87	M8-M20	155.4	87	67.9	19.1	63.55	53	31	14mm	10mm	TC820	
-WF33-130	M14-M33	198.4	130	110.9	19.1	63.55	78	48	20mm	14mm	TC1433	
SK50-WF12- 67	M3-M12	168.8	67	47.9	19.1	97.5	36	19	8mm	5mm	TC312	
-WF20- 87	M8-M20	188.8	87	67.9	19.1	97.5	53	31	14mm	10mm	TC820	
-WF33-130	M14-M33	231.8	130	110.9	19.1	97.5	78	48	20mm	14mm	TC1433	

SK30 - WF - 12 - 67

- 长 度 — Length(L)
- 攻 牙 范 围 — Tapping range
- 功 能 代 号 — Function code
- 锥 柄 形 式 — Shank size

NT-WF 伸缩扭力攻丝刀柄 NT-WF TAPPING CHUCK WITH LENGTH COMPENSATION







P.Q13

规 格 Model	攻牙范围 Gripl range	φd	D	L	伸缩长度 Lenght comp		攻丝筒夹 Colllets	重量 KGS
					压缩 F2 Comp	伸长 F1 Tens		
NT30-WF12- 59	M3-M12	19	36	59	8mm	5mm	TC312	
-W F20- 79	M8-M20	31	53	79	14mm	10mm	TC820	
NT40-WF12- 61	M3-M12	19	36	61	8mm	5mm	TC312	
-WF20- 81	M8-M20	31	53	81	14mm	10mm	TC820	
-WF33-123	M14-M33	48	78	123	20mm	14mm	TC1433	
NT50-WF12- 63	M3-M12	19	36	63	8mm	5mm	TC312	
-WF20- 83	M8-M20	31	53	83	14mm	10mm	TC820	
-WF33-125	M14-M33	48	78	125	20mm	14mm	TC1433	

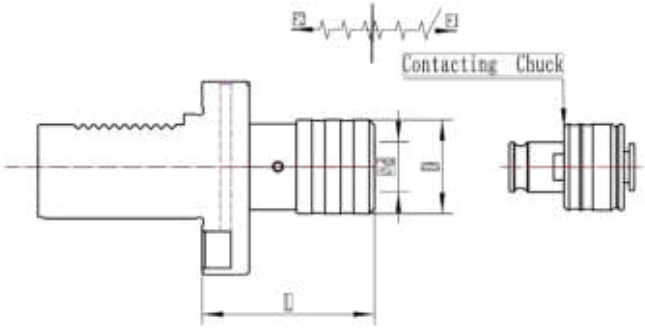
NT30 - WF - 12 - 59

- 长 度 Length(L)
- 攻 牙 范 围 Tapping range
- 功 能 代 号 Function code
- 锥 柄 形 式 Shank size

攻丝夹头系列 TAPPING CHUCK SERIES

VDI-WF 伸缩扭力攻丝刀柄 VDI-WF TAPPING CHUCK WITH LENGTH COMPENSATION







P.Q13

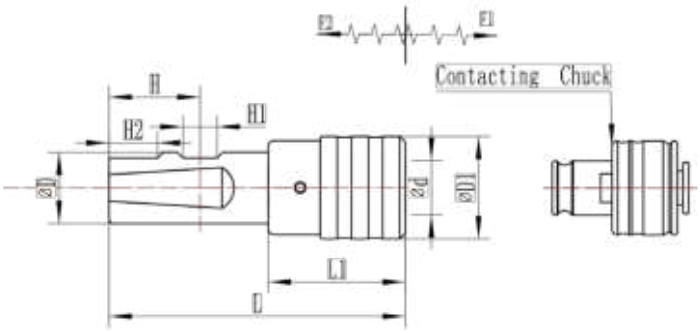
规 格 Model	攻牙范围 Gripl range	φd	φD	L	伸缩长度 Lenght comp		攻丝筒夹 Colllets
					压缩 F2 Comp	伸长 F1 Tens	
VDI30-WF12-71	M3-M12	19	36	71	8mm	5mm	TC312
VDI40-WF12-71	M3-M12	19	36	71	8mm	5mm	TC312
-WF20-91	M8-M20	31	53	91	14mm	10mm	TC820
VDI50-WF12-79	M3-M12	19	36	79	8mm	5mm	TC312
-WF20-99	M8-M20	31	53	99	14mm	10mm	TC820
-WF33-140	M14-M33	48	78	140	20mm	14mm	TC1433

VDI30 - WF - 12 - 71

- 71 → 长 度 Length(L)
- 12 → 攻 牙 范 围 Tapping range
- WF → 功 能 代 号 Function code
- VDI30 → 锥 柄 形 式 Shank size

ST-WF 伸缩扭力攻丝刀柄 ST-WF TAPPING CHUCK WITH LENGTH COMPENSATION







P.Q13

规 格 Model	攻牙范围 Gripl range	φd	φD	φD1	L	L1	H	H1	H2	伸缩长度 Lenght comp		攻丝筒夹 Collets	重量 KGS
										压缩 F2 Comp	伸长 F1 Tens		
ST20-WF12-50	M3-M12	19	20	36	50	99	25	11	-	8mm	5mm	TC312	
-WF20 -50	M8-M20	31	20	53	50	119	25	11	-	14mm	10mm	TC820	
ST25-WF12-56	M3-M12	19	25	36	56	105	32	12	17	8mm	5mm	TC312	
-WF20-56	M8-M20	31	25	53	56	125	32	12	17	14mm	10mm	TC820	
ST32-WF20-60	M8-M20	31	32	53	60	129	36	14	19	20mm	14mm	TC1433	

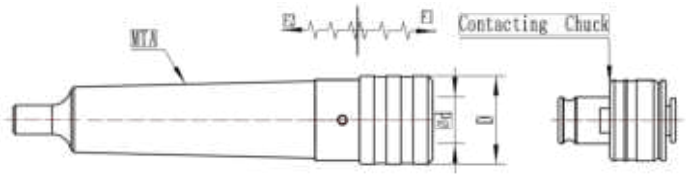
ST30 - WF - 12 - 50

- 长 度 — Length(L)
- 攻 牙 范 围 — Tapping range
- 功 能 代 号 — Function code
- 锥 柄 形 式 — Shank size

攻丝夹头系列 TAPPING CHUCK SERIES

MTA-WF 伸缩扭力攻丝刀柄 MTA-WF TAPPING CHUCK WITH LENGTH COMPENSATION







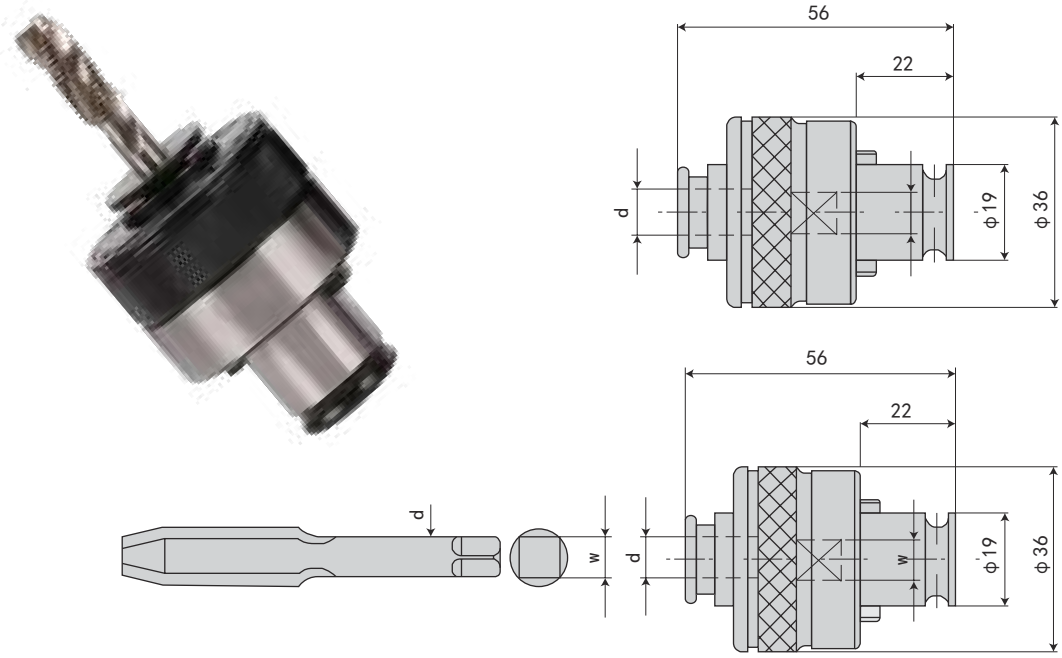
P.Q13

规 格 Model	攻牙范围 Gripl range	φd	D	L	伸缩长度 Lenght comp		攻丝筒夹 Colllets	重量 KGS
					压缩 F2 Comp	伸长 F1 Tens		
MTA2-WF12- 49	M3-M12	19	36	49	8mm	5mm	TC312	
MTA3-WF12- 49	M3-M12	19	36	49	8mm	5mm	TC312	
-WF20 - 69	M8-M20	31	53	69	14mm	10mm	TC820	
MTA4-WF12- 49	M3-M12	19	36	49	8mm	5mm	TC312	
-WF20- 69	M8-M20	31	53	69	14mm	10mm	TC820	
-WF33-111	M14-M33	48	78	111	20mm	14mm	TC1433	
MTA5-WF20- 49	M8-M20	31	53	69	14mm	10mm	TC820	
-WF33-111	M14-M33	48	78	111	20mm	14mm	TC1433	

MTA2 - WF - 12 - 49

- 长 度 Length(L)
- 攻 牙 范 围 Tapping range
- 功 能 代 号 Function code
- 锥 柄 形 式 Shank size

TC312过载保护攻丝夹头(国标) OVERLOAD PROTE CTION TAP COLLET-TC312 SYSTEM (ISO)



规格（国标） Model(ISO)	夹持丝锥 (ISO 国标)	丝锥柄径 d	丝锥方 W
ISO-TC312-M2	M2	2.5	2X2
ISO-TC312-M3	M3	3.15	2.5X2.5
ISO-TC312-M4	M4	4	3.15X3.15
ISO-TC312-M5	M5	5	4X4
ISO-TC312-M6	M6	6.3	5X5
ISO-TC312-M8	M8	6.3	5X5
ISO-TC312-M10	M10	8	6.3X6.3
ISO-TC312-M12	M12	9	7.1X7.1
ISO-TC312-M14	M14	11.2	9X9
ISO-TC312-M16	M16	12.5	10X10

TC312过载保护攻丝夹头（英制/日标) OVERLOAD PROTE CTION TAP COLLET-TC312 SYSTEM (INCH/JIS)

规格（英制/日标） Model(INCH/JIS)	夹持丝锥 (JIS 日标)	夹持丝锥 (INCH 英制)	丝锥柄径 d	丝锥方 W
JIS-TC312-M2	M2		3	2.5X2.5
JIS-TC312-M3	M3	1/8	4	3.2X3.2
JIS-TC312-M4	M4	5/32	5	4X4
JIS-TC312-M5	M5	3/16	5.5	4.5X4.5
JIS-TC312-M6	M6	1/4	6	4.5X4.5
JIS-TC312-M8	M8	-	6.2	5X5
JIS-TC312-M10	M10	3/8	7	5.5X5.5
JIS-TC312-M12	M12	-	8.5	6.5X6.5
JIS-TC312-M14	M14	9/16	10.5	8X8
JIS-TC312-M16	M16	-	12.5	10X10

特点:

注:

◎本品具有扭矩过载保护功能、高精度、高感度和使用寿命长。

◎扭矩的变动反应灵敏，可根据各种不同材质而设定相应的扭矩。

◎适用于各种攻牙机器和电动攻牙机、气动攻牙机。

◎目前已与众多攻牙机厂配套使用。

Features:

◎ High precision, long tool-life with torque protection function.
◎ Torsion reflect sensitive and changes according to various material to set up corresponding torque.
◎ Used for kinds of tapping machine including electric tapping machine and pneumatic tapping machine.
◎ At present, many tapping machine factories have been being used with this type.

攻丝夹头系列 TAPPING CHUCK SERIES

TC820过载保护攻丝夹头(国标) OVERLOAD PROTE CTION TAP COLLET-TC820 SYSTEM (ISO)



规格（国标） Model(ISO)	夹持丝锥 (ISO 国标)	丝锥柄径 d	丝锥方 W
ISO-TC820-M5	M5	5	4X4
ISO-TC820-M6	M6	6.3	5X5
ISO-TC820-M8	M8	6.3	5X5
ISO-TC820-M10	M10	8	6.3X6.3
ISO-TC820-M12	M12	9	7.1X7.1
ISO-TC820-M14	M14	11.2	9X9
ISO-TC820-M16	M16	12.5	10X10
ISO-TC820-M18	M18	14	11.2X11.2
ISO-TC820-M20	M20	14	11.2X11.2
ISO-TC820-M22	M22	16	12.5X12.5
ISO-TC820-M24	M24	18	14X14
ISO-TC820-M27	M27	20	16X16
ISO-TC820-M30	M30	20	16X16

TC820过载保护攻丝夹头（英制/日标） OVERLOAD PROTE CTION TAP COLLET-TC820 SYSTEM (INCH/JIS)

规格（英制 / 日标） Model(INCH/JIS)	夹持丝锥 (JIS 日标)	夹持丝锥 (INCH 英制)	丝锥柄径 d	丝锥方 W
JIS-GT24-M5	M5	3/16	5.5	4.5X4.5
JIS-GT24-M6	M6	1/4	6	4.5X4.5
JIS-GT24-M8	M8	-	6.2	5X5
JIS-GT24-M10	M10	3/8	7	5.5X5.5
JIS-GT24-M12	M12	-	8.5	6.5X6.5
JIS-GT24-M14	M14	9/16	10.5	8X8
JIS-GT24-M16	M16	-	12.5	10X10
JIS-GT24-M18	M18	3/4	14	11X11
JIS-GT24-M20	M20	-	15	12X12
JIS-GT24-M22	M22	7/8	17	13X13
JIS-GT24-M24	M24	-	19	15X15
JIS-GT24-M27	M27	-	20	15X15
JIS-GT24-M30	M30	-	23	17X17

特点:

注:

◎本品具有扭矩过载保护功能、高精度、高感度和使用寿命长。

◎扭矩的变动反应灵敏，可根据各种不同材质而设定相应的扭矩。

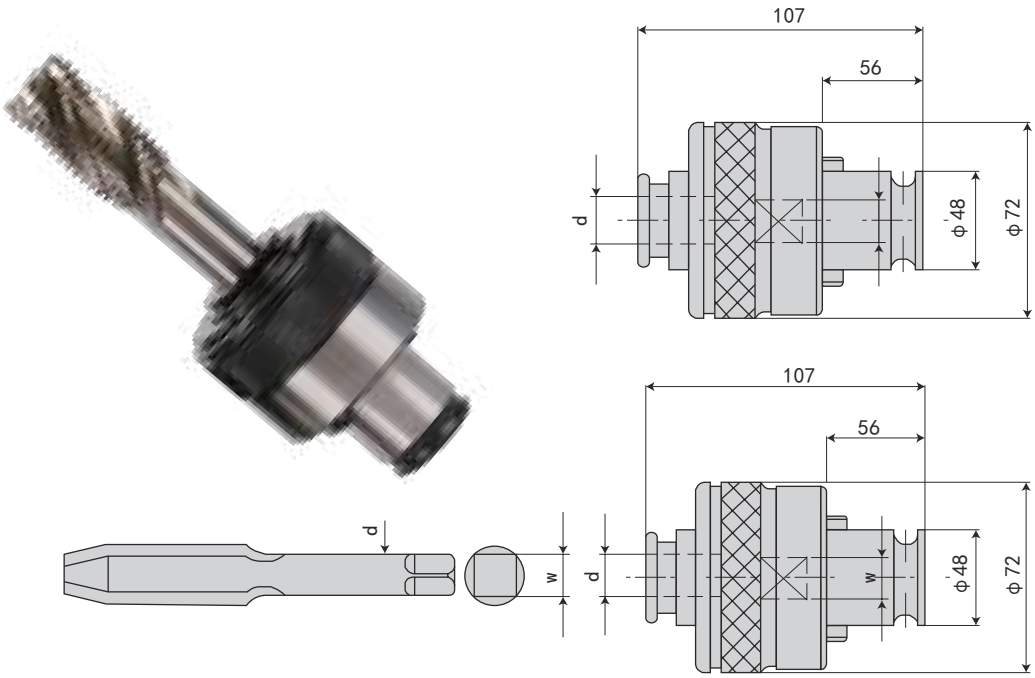
◎适用于各种攻牙机器和电动攻牙机、气动攻牙机。

◎目前已与众多攻牙机厂配套使用。

Features:

◎ High precision, long tool-life with torque protection function.
◎ Torsion reflect sensitive and changes according to various material to set up corresponding torque.
◎ Used for kinds of tapping machine including electric tapping machine and pneumatic tapping machine.
◎ At present, many tapping machine factories have been being used with this type.

TC1433 过载保护攻丝夹头（国标） OVERLOAD PROTE CTION TAP COLLET-TC1433 SYSTEM（ISO）



规格（国标） Model(ISO)	夹持丝锥 (ISO 国标)	丝锥柄径 d	丝锥方 W
ISO-TC1433-M14	M14	11.2	9X9
ISO-TC1433-M16	M16	12.5	10X10
ISO-TC1433-M18	M18	14	11.2X11.2
ISO-TC1433-M20	M20	14	11.2X11.2
ISO-TC1433-M22	M22	16	12.5X12.5
ISO-TC1433-M24	M24	18	14X14
ISO-TC1433-M27	M27	20	16X16
ISO-TC1433-M30	M30	20	16X16
ISO-TC1433-M33	M33	22.4	18X18
ISO-TC1433-M36	M36	25	20X20
ISO-TC1433-M39	M39	28	22.4X22.4
ISO-TC1433-M42	M42	28	22.4X22.4
ISO-TC1433-M45	M45	31.5	25X25
ISO-TC1433-M48	M48	31.5	25X25

TC1433 过载保护攻丝夹头（日标） OVERLOAD PROTE CTION TAP COLLET-TC1433 SYSTEM（JIS）

规格（英制 / 日标） Model(INCH/JIS)	夹持丝锥 (JIS 日标)	丝锥柄径 d	丝锥方 W
JIS-TC1433-M14	M14	10.5	8X8
JIS-TC1433-M16	M16	12.5	10X10
JIS-TC1433-M18	M18	14	11X11
JIS-TC1433-M20	M20	15	12X12
JIS-TC1433-M22	M22	17	13X13
JIS-TC1433-M24	M24	19	15X15
JIS-TC1433-M27	M27	20	15X15
JIS-TC1433-M30	M30	23	17X17
JIS-TC1433-M33	M33	25	19X19
JIS-TC1433-M36	M36	28	21X21
JIS-TC1433-M39	M39	30	23X23
JIS-TC1433-M42	M42	32	26X26
JIS-TC1433-M45	M45	35	26X26
JIS-TC1433-M48	M48	38	29X29

特点：

注：

◎本品具有扭矩过载保护功能、高精度、高感度和使用寿命长。

◎扭矩的变动反应灵敏，可根据各种不同材质而设定相应的扭矩。

◎适用于各种攻牙机器和电动攻牙机、气动攻牙机。

◎目前已与众多攻牙机厂配套使用。

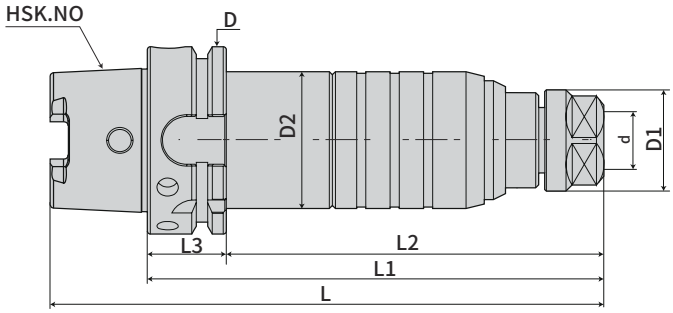
Features:

◎ High precision, long tool-life with torque protection function.
◎ Torsion reflect sensitive and changes according to various material to set up corresponding torque.
◎ Used for kinds of tapping machine including electric tapping machine and pneumatic tapping machine.
◎ At present, many tapping machine factories have been being used with this type.

攻丝夹头系列 TAPPING CHUCK SERIES

HSK-TER-A 刚性伸缩攻牙刀柄 RIGID TENSION AND COMPRESSION TAPER HOLDER/TER-A






P.J31


P.J06


P.J33


P.Q34

型号 / 规格 Model	攻牙范围 Gripl range	L	L1	L2	L3	D	D1	D2	d	伸缩长度 Lenght comp 压缩 F2 Comp	伸缩长度 Lenght comp 伸长 F1 Tens	夹头名称 Collet name
HSK50A-TER16-A-150	M3-M10	175	150	124	26	50	28	46	16	10mm	15mm	ER16/ERG16
HSK50A-TER20-A-150	M3-M12	175	150	124	26	50	34	46	20	10mm	15mm	ER20/ERG20
HSK50A-TER25-A-150	M3-M16	175	150	124	26	50	42	46	25	10mm	15mm	ER25/ERG25
HSK50A-TER32-A-170	M6-M20	195	170	144	26	50	50	66	32	10mm	15mm	ER32/ERG32
型号 / 规格 Model	攻牙范围 Gripl range	L	L1	L2	L3	D	D1	D2	d	伸缩长度 Lenght comp 压缩 F2 Comp	伸缩长度 Lenght comp 伸长 F1 Tens	夹头名称 Collet name
HSK63A-TER16-A-150	M3-M10	182	150	124	26	63	28	46	16	10mm	15mm	ER16/ERG16
HSK63A-TER20-A-150	M3-M12	182	150	124	26	63	34	46	20	10mm	15mm	ER20/ERG20
HSK63A-TER25-A-150	M3-M16	182	150	124	26	63	42	46	25	10mm	15mm	ER25/ERG25
HSK63A-TER32-A-170	M6-M20	202	170	144	26	63	50	66	32	10mm	15mm	ER32/ERG32
型号 / 规格 Model	攻牙范围 Gripl range	L	L1	L2	L3	D	D1	D2	d	伸缩长度 Lenght comp 压缩 F2 Comp	伸缩长度 Lenght comp 伸长 F1 Tens	夹头名称 Collet name
HSK100A-TER16-A-150	M3-M10	200	150	121	29	100	28	46	16	10mm	15mm	ER16/ERG16
HSK100A-TER20-A-150	M3-M12	200	150	121	29	100	34	46	20	10mm	15mm	ER20/ERG20
HSK100A-TER25-A-150	M3-M16	200	150	121	29	100	42	46	25	10mm	15mm	ER25/ERG25
HSK100A-TER32-A-160	M6-M20	210	160	131	29	100	50	66	32	10mm	15mm	ER32/ERG32

特点：

注：

◎本体规格：DIN 69893-1

◎刚性功能确保加工中心主轴转动同进给精确同步，使用专用基础刀柄。

◎刚性攻牙刀柄可使用 ER/ERG 筒夹代替，作为夹持钻头、铰刀和铣刀工具刀柄。

◎采用刚性攻牙本体，使用时，螺帽请勿过度锁紧，以免造成损坏，ER 扳手为另购品。

◎具有深孔攻牙和深层台阶面攻牙功能。

Features:

◎ Spindle Conicity Standard: DIN 69893-1

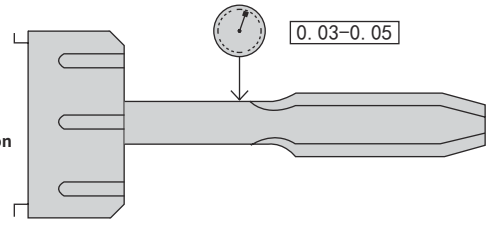
◎ Rigid function ensures machining center spindle rotate in synchronized precise, While MTB holder in use.

◎ Can be replaced by ER /ERG collet for gripping cutting tool,Drill bit, and draw bolt and so on.

◎ Don't lock excessively of the clamping nut in case of damage, Wrench not included.

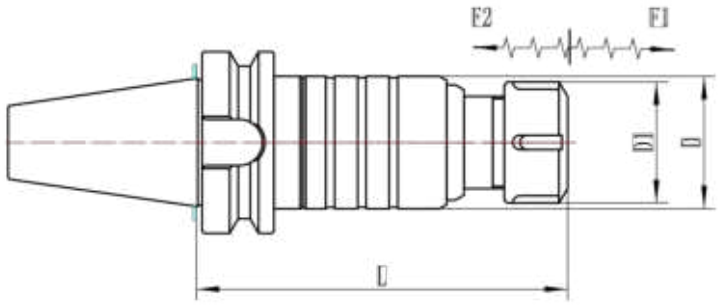
HSK50A - TER - 16 - 110L

- 长 度 Length(L)
- 筒 夹 型 号 Collect type
- 微 伸 缩 Micro tension and compression
- 锥 柄 形 式 Shank size



BT-TER-A 刚性伸缩攻牙刀柄 OVERLOAD PROTE CTION TAP COLLET-TC1433 SYSTEM（ISO）






P.J31


P.J06


P.J33


P.J29

规 格 Model	攻牙范围 Gripl range	D	D1	L	伸缩长度 Lenght comp		攻丝筒夹 Colllets	重量 KGS
					压缩 F2 Comp	伸长 F1 Tens		
BT30-TER16-A-140	M3-M10	46	28	140	15mm	15mm	ER16	
-TER20-A-140	M3-M12	46	34	140	15mm	15mm	ER20	
-TER25-A-140	M3-M16	46	42	140	15mm	15mm	ER25	
-TER32-A-140	M6-M20	46	50	140	15mm	15mm	ER32	
BT40-TER16-A-125	M3-M10	46	28	125	15mm	15mm	ER16	
-TER20-A-125	M3-M12	46	34	125	15mm	15mm	ER20	
-TER25-A-125	M3-M16	46	42	125	15mm	15mm	ER25	
-TER32-A-125	M6-M20	46	50	125	15mm	15mm	ER32	
BT50-TER20-A-130	M3-M12	46	34	130	15mm	15mm	ER20	
-TER25-A-130	M3-M16	46	42	130	15mm	15mm	ER25	
-TER32-A-130	M6-M20	46	50	130	15mm	15mm	ER32	

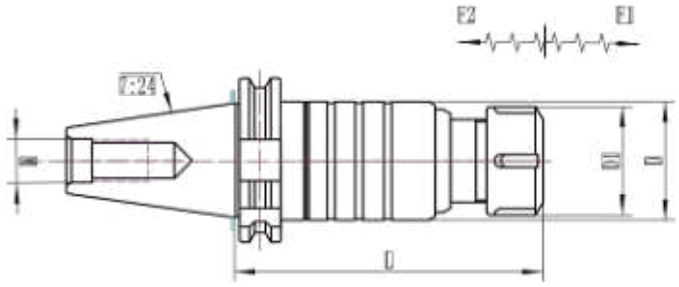
BT30 - TER - 12 - 140

- 140 → 长 度 Length(L)
- 12 → 筒 夹 型 号 Collect type
- TER → 刚 性 攻 牙 Rigid tapping
- BT30 → 锥 柄 形 式 Shank size

攻丝夹头系列 TAPPING CHUCK SERIES

SK-TER-A 刚性伸缩攻牙刀柄 RIGID TENSION AND COMPRESSION TAPER HOLDER/TER-A






P.J31


P.J06


P.J33


P.J24

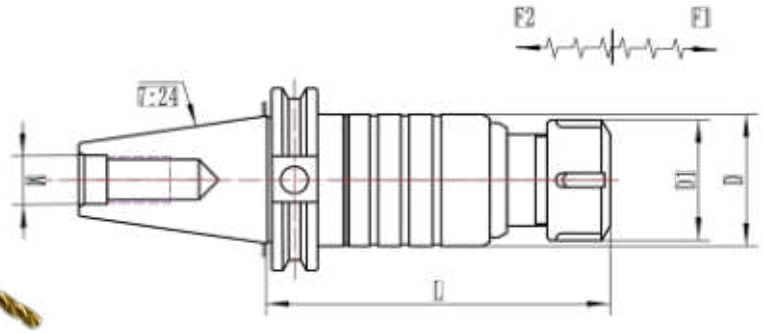
规 格 Model	攻牙范围 Gripl range	D	D1	L	伸缩长度 Lenght comp		攻丝筒夹 Colllets	重量 KGS
					压缩 F2 Comp	伸长 F1 Tens		
SK30-TER16-A-135	M3-M10	46	28	135	15mm	15mm	ER16	
-TER20-A-135	M3-M12	46	34	135	15mm	15mm	ER20	
-TER25-A-135	M3-M16	46	42	135	15mm	15mm	ER25	
-TER32-A-135	M6-M20	46	50	135	15mm	15mm	ER32	
SK40-TER16-A-115	M3-M10	46	28	115	15mm	15mm	ER16	
-TER20-A-115	M3-M12	46	34	115	15mm	15mm	ER20	
-TER25-A-115	M3-M16	46	42	115	15mm	15mm	ER25	
-TER32-A-115	M6-M20	46	50	115	15mm	15mm	ER32	
SK50-TER20-A-110	M3-M12	46	34	110	15mm	15mm	ER20	
-TER25-A-110	M3-M16	46	42	110	15mm	15mm	ER25	
-TER32-A-110	M6-M20	46	50	110	15mm	15mm	ER32	

SK30 - TER - 16 - 135

- 135 → 长 度 Length(L)
- 16 → 筒 夹 型 号 Collect type
- TER → 刚 性 攻 牙 Rigid tapping
- SK30 → 锥 柄 形 式 Shank size

CAT-TER-A 刚性伸缩攻牙刀柄 RIGID TENSION AND COMPRESSION TAPER HOLDER/TER-A






P.J31


P.J06


P.J33

规 格 Model	攻牙范围 Gripl range	D	D1	L	伸缩长度 Lenght comp		攻丝筒夹 Colllets	重量 KGS
					压缩 F2 Comp	伸长 F1 Tens		
CAT40-TER16-A-115	M3-M10	46	28	115	15mm	15mm	ER16	
-TER20-A-115	M3-M12	46	34	115	15mm	15mm	ER20	
-TER25-A-115	M3-M16	46	42	115	15mm	15mm	ER25	
-TER32-A-115	M6-M20	46	50	115	15mm	15mm	ER32	
CAT50-TER20-A-110	M3-M12	46	34	110	15mm	15mm	ER20	
-TER25-A-110	M3-M16	46	42	110	15mm	15mm	ER25	
-TER32-A-110	M6-M20	46	50	110	15mm	15mm	ER32	

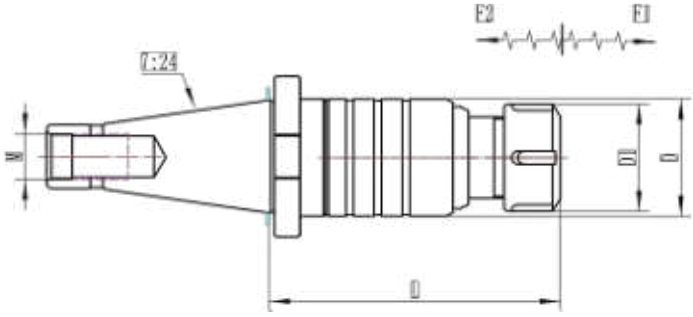
CAT30 - TER - 16 - 115

- 115 → 长 度 Length(L)
- 16 → 筒 夹 型 号 Collect type
- TER → 刚 性 攻 牙 Rigid tapping
- CAT30 → 锥 柄 形 式 Shank size

攻丝夹头系列 TAPPING CHUCK SERIES

NT-TER-A 刚性伸缩攻牙刀柄 RIGID TENSION AND COMPRESSION TAPER HOLDER/TER-A






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规 格 Model	攻牙范围 Gripl range	D	D1	L	伸缩长度 Lenght comp		攻丝筒夹 Colllets	重量 KGS
					压缩 F2 Comp	伸长 F1 Tens		
NT30-TER16-A-130	M3-M10	46	28	130	15mm	15mm	ER16	
-TER20-A-130	M3-M12	46	34	130	15mm	15mm	ER20	
-TER25-A-130	M3-M16	46	42	130	15mm	15mm	ER25	
-TER32-A-130	M6-M20	46	50	130	15mm	15mm	ER32	
NT40-TER16-A-110	M3-M10	46	28	110	15mm	15mm	ER16	
-TER20-A-110	M3-M12	46	34	110	15mm	15mm	ER20	
-TER25-A-110	M3-M16	46	42	110	15mm	15mm	ER25	
-TER32-A-110	M6-M20	46	50	110	15mm	15mm	ER32	
NT50-TER20-A-110	M3-M12	46	34	110	15mm	15mm	ER20	
-TER25-A-110	M3-M16	46	42	110	15mm	15mm	ER25	
-TER32-A-110	M6-M20	46	50	110	15mm	15mm	ER32	

NT30 - TER - 16 - 130

- 长 度 — Length(L)
- 筒 夹 型 号 — Collect type
- 刚 性 攻 牙 — Rigid tapping
- 锥 柄 形 式 — Shank size

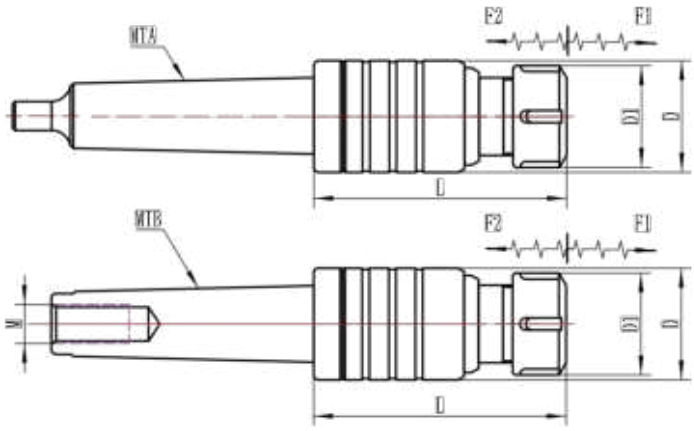
MT-TER-A 刚性伸缩攻牙刀柄 RIGID TENSION AND COMPRESSION TAPER HOLDER/TER-A




P.J31


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规 格 Model	攻牙范围 Gripl range	D	D1	L	伸缩长度 Lenght comp		攻丝筒夹 Colllets	重量 KGS
					压缩 F2 Comp	伸长 F1 Tens		
MT2-TER16-A-125	M3-M10	46	28	125	15mm	15mm	ER16	
-TER20-A-125	M3-M12	46	34	125	15mm	15mm	ER20	
-TER25-A-125	M3-M16	46	42	125	15mm	15mm	ER25	
MT3-TER16-A-125	M3-M10	46	28	125	15mm	15mm	ER16	
-TER20-A-125	M3-M12	46	34	125	15mm	15mm	ER20	
-TER25-A-125	M3-M16	46	42	125	15mm	15mm	ER25	
MT4-TER16-A-125	M3-M10	46	28	125	15mm	15mm	ER16	
-TER20-A-125	M3-M12	46	34	125	15mm	15mm	ER20	
-TER25-A-125	M3-M16	46	42	125	15mm	15mm	ER25	
-TER32-A-125	M6-M20	46	50	125	15mm	15mm	ER32	
MT5-TER25-A-125	M3-M16	46	42	125	15mm	15mm	ER25	
-TER32-A-130	M6-M20	46	50	130	15mm	15mm	ER32	
-TER40-A-135	M12-M33	46	63	135	15mm	15mm	ER40	

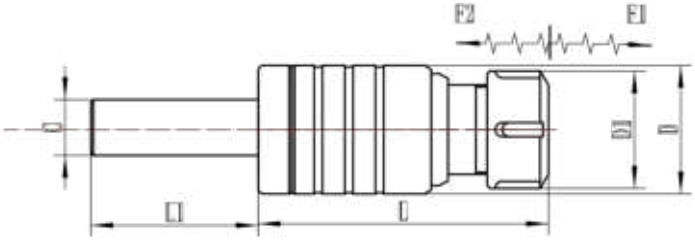
MT2 - TER - 16 - 125

- 长 度 — Length(L)
- 筒 夹 型 号 — Collect type
- 刚 性 攻 牙 — Rigid tapping
- 锥 柄 形 式 — Shank size

攻丝夹头系列 TAPPING CHUCK SERIES

C-TER-A 刚性伸缩攻牙刀柄 RIGID TENSION AND COMPRESSION TAPER HOLDER/TER-A






P.J31


P.J06


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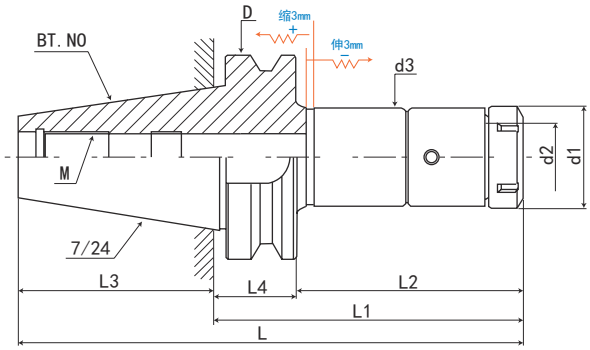
规 格 Model	攻牙范围 Gripl range	D	D1	L	L1	伸缩长度 Lenght comp		攻丝筒夹 Colllets	重量 KGS
						压缩 F2 Comp	伸长 F1 Tens		
C16-TER16-A-125	M3-M10	46	28	125	60/100	15mm	15mm	15	ER16
-TER20-A-125	M3-M12	46	34	125	60/100	15mm	15mm	15	ER20
-TER25-A-125	M3-M16	46	42	125	60/100	15mm	15mm	15	ER25
C20-TER16-A-125	M3-M10	46	28	125	60/100	15mm	15mm	15	ER16
-TER20-A-125	M3-M12	46	34	125	60/100	15mm	15mm	15	ER20
-TER25-A-125	M3-M16	46	42	125	60/100	15mm	15mm	15	ER25
C25-TER16-A-125	M3-M10	46	28	125	60/100	15mm	15mm	15	ER16
-TER20-A-125	M3-M12	46	34	125	60/100	15mm	15mm	15	ER20
-TER25-A-125	M3-M16	46	42	125	60/100	15mm	15mm	15	ER25
-TER32-A-125	M6-M20	46	50	125	60/100	15mm	15mm	15	ER32
C32-TER25-A-125	M3-M16	46	42	125	60/100	15mm	15mm	15	ER25
-TER32-A-125	M6-M20	46	50	125	60/100	15mm	15mm	15	ER32
-TER40-A-130	M12-M33	46	63	130	60/100	15mm	15mm	15	ER40

C30 - TER - 16 - 125

- 125 → 长 度 Length(L)
- 16 → 筒 夹 型 号 Collect type
- TER → 刚 性 攻 牙 Rigid tapping
- C30 → 锥 柄 形 式 Shank size

BT-TER-B 刚性伸缩攻牙刀柄 RIGID TENSION AND COMPRESSION TAPER HOLDER/TER-B






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规格 / 型号 Model	BT.NO	L	L1	L2	L3	L4	d1	d2	使用筒夹	攻丝范围	D	M
BT30-TER16-B-100L	BT30	148.4	100	73	48.4	27	28	16	TER16	M2-M12	46	M12*1.75P
BT30-TER20-B-100L		148.4	100	73			34	20	TER20	M2-M16		
BT30-TER25-B-100L		148.4	100	73			42	25	TER25	M2-M22		
BT30-TER32-B-100L		148.4	100	73			50	32	TER32	M2-M30		
BT30-TER40-B-100L		148.4	100	73			63	40	TER40	M2-M36		
规格 / 型号 Model	BT.NO	L	L1	L2	L3	L4	d1	d2	使用筒夹	攻丝范围	D	M
BT40-TER16-B-100L	BT40	165.4	100	73	65.4	27	28	16	TER16	M2-M12	63	M16*2.0P
BT40-TER20-B-100L		165.4	100	73			34	20	TER20	M2-M16		
BT40-TER25-B-100L		165.4	100	73			42	25	TER25	M2-M22		
BT40-TER32-B-100L		165.4	100	73			50	32	TER32	M2-M30		
BT40-TER40-B-120L		185.4	120	93			63	40	TER40	M2-M36		
规格 / 型号 Model	BT.NO	L	L1	L2	L3	L4	d1	d2	使用筒夹	攻丝范围	D	M
BT50-TER16-B-110L	BT50	211.8	110	72	101.8	38	28	16	TER16	M2-M12	100	M24*3.0P
BT50-TER20-B-110L		211.8	110	72			34	20	TER20	M2-M16		
BT50-TER25-B-110L		211.8	110	72			42	25	TER25	M2-M22		
BT50-TER32-B-130L		222.8	130	92			50	32	TER32	M2-M30		
BT50-TER40-B-140L		232.8	140	102			63	40	TER40	M2-M36		

特点：

注：

◎本体规格：JIS MAS 403 BT

◎刚性功能确保加工中心主轴转动同进给精确同步，使用专用基础刀柄。

◎刚性攻牙刀柄可使用 ER 筒夹代替，作为夹持钻头、铰刀和铣刀工具刀柄。

◎采用刚性攻牙本体，使用时，螺帽请勿过度锁紧，以免造成损坏，ER 扳手为另购品。

◎具有深孔攻牙和深层台阶面攻牙功能。

Features:

◎ Spindle Conicity Standard: JIS MAS 403 BT

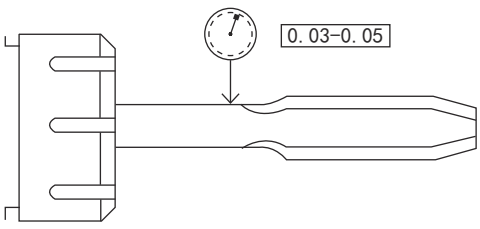
◎ Rigid function ensures machining center spindle rotate in synchronized precise, While MTB holder in use.

◎ Can be replaced by ER collet for gripping cutting tool,Drill bit, and draw bolt and so on.

◎ Don’t lock excessively of the clamping nut in case of damage, Wrench not included.

BT30 - TER 16 - 100L

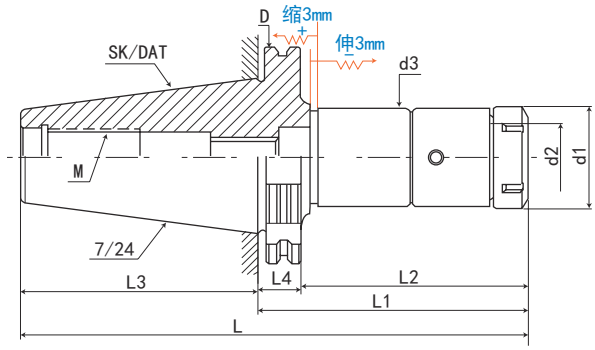
- 100L → 长 度 Length(L)
- 16 → TER16 规格 TER16 Model
- TER → 刚 性 攻 牙 Rigid tapping
- BT30 → 锥 柄 形 式 Shank size



攻丝夹头系列 TAPPING CHUCK SERIES

SK/DAT-TER-B 刚性伸缩攻牙刀柄 RIGID TENSION AND COMPRESSION TAPER HOLDER/TER-B






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规格 / 型号 Model	SK.NO	L	L1	L2	L3	L4	d1	d2	使用筒夹	攻丝范围	D	M
SK40-TER16-B-100L	SK40	168.4	100	82	68.4	16	28	16	TER16	M2-M12	63.55	M16*2.0P
SK40-TER20-B-100L		168.4	100	82			34	20	TER20	M2-M16		
SK40-TER25-B-100L		168.4	100	82			42	25	TER25	M2-M22		
SK40-TER32-B-100L		168.4	100	82			50	32	TER32	M2-M30		
SK40-TER40-B-120L		188.4	120	102			63	40	TER40	M2-M36		
规格 / 型号 Model	SK.NO	L	L1	L2	L3	L4	d1	d2	使用筒夹	攻丝范围	D	M
SK50-TER16-B-110L	SK50	211.7	110	91	101.75	16	28	16	TER16	M2-M12	97.5	M24*3.0P
SK50-TER20-B-110L		211.7	110	91			34	20	TER20	M2-M16		
SK50-TER25-B-110L		211.7	110	91			42	25	TER25	M2-M22		
SK50-TER32-B-130L		231.7	130	101			50	32	TER32	M2-M30		
SK50-TER40-B-140L		241.7	140	111			63	40	TER40	M2-M36		

特点：

注：

◎本体规格：DIN69871-A 或 GB10944

◎刚性功能确保加工中心主轴转动同进给精确同步，使用专用基础刀柄。

◎刚性攻牙刀柄可使用 ER 筒夹代替，作为夹持钻头、铰刀和铣刀工具刀柄。

◎采用刚性攻牙本体，使用时，螺帽请勿过度锁紧，以免造成损坏，ER 扳手为另购品。

◎具有深孔攻牙和深层台阶面攻牙功能。

Features:

◎ Spindle Conicity Standard: JDIN69871A or GB10944

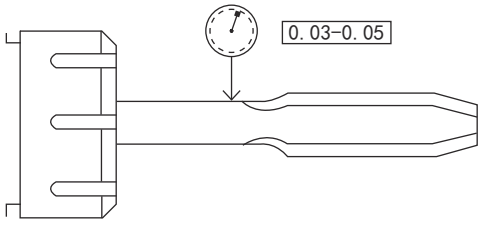
◎ Rigid function ensures machining center spindle rotate in synchronized precise, While MTB holder in use.

◎ Can be replaced by ER collet for gripping cutting tool, Drill bit, and draw bolt and so on.

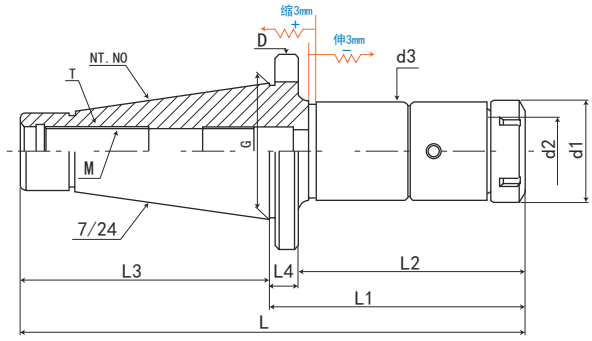
◎ Don’t lock excessively of the clamping nut in case of damage, Wrench not included.

SK40 - TER 16 - 100L

- 100L → 长 度 → Length(L)
- 16 → TER16 规格 → TER16 Model
- TER → 刚 性 攻 牙 → Rigid tapping
- SK40 → 锥 柄 形 式 → Shank size



NT-TER-B 刚性伸缩攻牙刀柄 RIGID TENSION AND COMPRESSION TAPER HOLDER/TER-B




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规格 / 型号 Model	NT.NO	L	L1	L2	L3	L4	d1	d2	使用筒夹	攻丝范围	D	M
NT40-TER16-B-100L	NT40	193.4	100	73	93.4	12	28	16	TER16	M2-M12	63	M16*2.0P
NT40-TER20-B-100L		193.4	100	73			34	20	TER20	M2-M16		
NT40-TER25-B-100L		193.4	100	73			42	25	TER25	M2-M22		
NT40-TER32-B-100L		193.4	100	73			50	32	TER32	M2-M30		
NT40-TER40-B-120L		213.4	120	93			63	40	TER40	M2-M36		
规格 / 型号 Model	NT.NO	L	L1	L2	L3	L4	d1	d2	使用筒夹	攻丝范围	D	M
NT50-TER16-B-110L	NT50	236.8	110	72	126.8	15	28	16	TER16	M2-M12	100	M24*3.0P
NT50-TER20-B-110L		236.8	110	72			34	20	TER20	M2-M16		
NT50-TER25-B-110L		236.8	110	72			42	25	TER25	M2-M22		
NT50-TER32-B-130L		256.8	130	92			50	32	TER32	M2-M30		
NT50-TER40-B-140L		266.8	140	102			63	40	TER40	M2-M36		

特点：

注：

◎本体规格：GB3837/DIN2080

◎刚性功能确保加工中心主轴转动同进给精确同步，使用专用基础刀柄。

◎刚性攻牙刀柄可使用 ER 筒夹代替，作为夹持钻头、铰刀和铣刀工具刀柄。

◎采用刚性攻牙本体，使用时，螺帽请勿过度锁紧，以免造成损坏，ER 扳手为另购品。

◎具有深孔攻牙和深层台阶面攻牙功能。

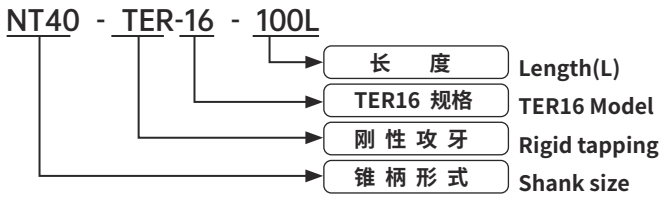
Features:

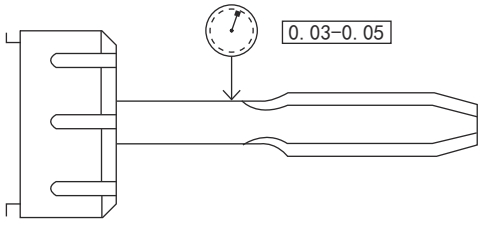
◎ Spindle Conicity Standard: GB3837/DIN2080

◎ Rigid function ensures machining center spindle rotate in synchronized precise, While MTB holder in use.

◎ Can be replaced by ER collet for gripping cutting tool, Drill bit, and draw bolt and so on.

◎ Don’t lock excessively of the clamping nut in case of damage, Wrench not included.

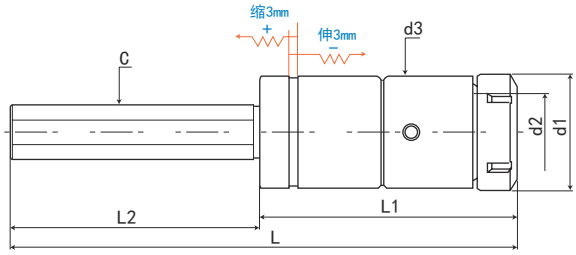




攻丝夹头系列 TAPPING CHUCK SERIES

C-TER-B 直柄刚性伸缩攻牙刀柄 STRAIGHT SHANK RIGID TAPER HOLDER C-TER-B






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P.J33


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规格 / 型号 Model	C	L	L1	L2	d1	d2	d3	使用筒夹	攻丝范围
C20-TER16-B-80L	20	160	80	80	28	16	28	TER16	M2-M12
C20-TER20-B-80L	20	160	80	80	34	20	34	TER20	M2-M16
C20-TER25-B-80L	20	160	80	80	42	25	42	TER25	M2-M22
C20-TER32-B-100L	20	180	100	80	50	32	50	TER32	M2-M30
规格 / 型号 Model	C	L	L1	L2	d1	d2	d3	使用筒夹	攻丝范围
C25-TER16-B-80L	25	160	80	80	28	16	28	TER16	M2-M12
C25-TER20-B-80L	25	160	80	80	34	20	34	TER20	M2-M16
C25-TER25-B-80L	25	160	80	80	42	25	42	TER25	M2-M22
C25-TER32-B-100L	25	180	100	80	50	32	50	TER32	M2-M30
规格 / 型号 Model	C	L	L1	L2	d1	d2	d3	使用筒夹	攻丝范围
C32-TER16-B-80L	32	160	80	80	28	16	28	TER16	M2-M12
C32-TER20-B-80L	32	160	80	80	34	20	34	TER20	M2-M16
C32-TER25-B-80L	32	160	80	80	42	25	42	TER25	M2-M22
C32-TER32-B-100L	32	180	100	80	50	32	50	TER32	M2-M30

特点:

注:

◎刚性功能确保加工中心主轴转动同进给精确同步，使用专用基础刀柄。

◎刚性攻牙刀柄可使用 ER 筒夹代替，作为夹持钻头、铰刀和铣刀工具刀柄。

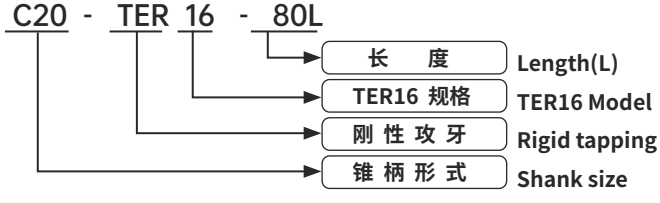
◎采用刚性攻牙本体，使用时，螺帽请勿过度锁紧，以免造成损坏，ER 扳手为另购品。

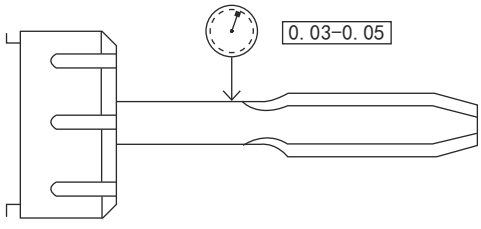
Features:

◎ Rigid function ensures machining center spindle rotate in synchronized precise, While MTB holder in use.

◎ Can be replaced by ER collet for gripping cutting tool, Drill bit, and draw bolt and so on.

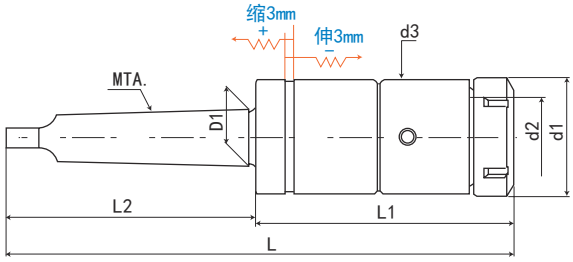
◎ Don’t lock excessively of the clamping nut in case of damage, Wrench not included.





MTA-TER-B 莫氏扁尾刚性伸缩攻牙刀柄 MORSE RIGID TENSION AND COMPRESSION TAPER HOLDER(MTA)






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P.J33


P.Q34

规格 / 型号 Model	攻牙范围 Tapping range	d1	d2	d3	L	L1	L2	D1	筒夹名称 Collet name
MTA2-TER16-B-100L	M2-M12	28	16	28	184	100	84	17.780	TER16
MTA2-TER20-B-100L	M2-M16	34	20	34	184	100	84	17.780	TER20
MTA2-TER25-B-100L	M2-M22	42	25	42	184	100	84	17.780	TER25
规格 / 型号 Model	攻牙范围 Tapping range	d1	d2	d3	L	L1	L2	D1	筒夹名称 Collet name
MTA3-TER16-B-100L	M2-M12	28	16	28	199	100	99	23.825	TER16
MTA3-TER20-B-100L	M2-M16	34	20	34	199	100	99	23.825	TER20
MTA3-TER25-B-100L	M2-M22	42	25	42	199	100	99	23.825	TER25
MTA3-TER32-B-100L	M2-M30	50	32	50	199	100	99	23.825	TER32
规格 / 型号 Model	攻牙范围 Tapping range	d1	d2	d3	L	L1	L2	D1	筒夹名称 Collet name
MTA4-TER16-B-100L	M2-M12	28	16	28	224	100	124	31.267	TER16
MTA4-TER20-B-100L	M2-M16	34	20	34	224	100	124	31.267	TER20
MTA4-TER25-B-100L	M2-M22	42	25	42	224	100	124	31.267	TER25
MTA4-TER32-B-100L	M2-M30	50	32	50	224	100	124	31.267	TER32
规格 / 型号 Model	攻牙范围 Tapping range	D	d	d3	L	L1	L2	D1	筒夹名称 Collet name
MTA5-TER32-B-100L	M2-M30	50	32	50	256	100	156	44.399	TER32

特点：

注：

◎刚性功能确保加工中心主轴转动同进给精确同步，使用专用基础刀柄。

◎刚性攻牙刀柄可使用 ER 筒夹代替，作为夹持钻头、铰刀和铣刀工具刀柄。

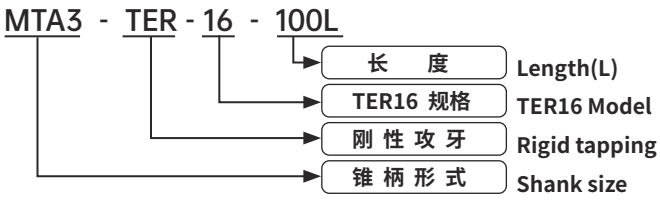
◎采用刚性攻牙本体，使用时，螺帽请勿过度锁紧，以免造成损坏，ER 扳手为另购品。

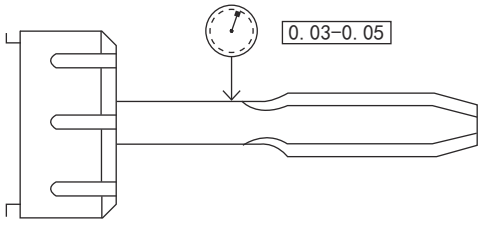
Features:

◎ Rigid function ensures machining center spindle rotate in synchronized precise, While MTB holder in use.

◎ Can be replaced by ER collet for gripping cutting tool, Drill bit, and draw bolt and so on.

◎ Don't lock excessively of the clamping nut in case of damage. Wrench not included.

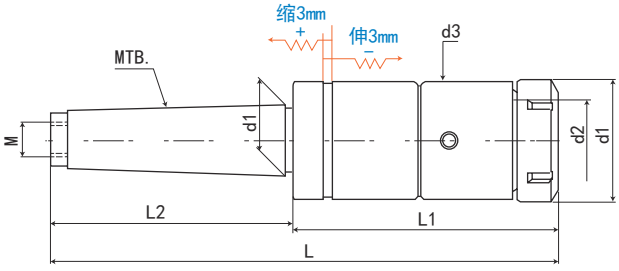




攻丝夹头系列 TAPPING CHUCK SERIES

MTB -TER-B 莫氏后拉式刚性伸缩攻牙刀柄 MORSE RIGID TENSION AND COMPRESSION TAPER HOLDER(MTB)






P.J31


P.J06


P.J33


P.Q34

规格 / 型号 Model	攻牙范围 Tapping range	d1	d2	d3	L	L1	L2	D1	M	筒夹名称 Collet name
MTB2-TER16-B-100L	M2-M12	28	16	28	168	100	68	17.780	M10*1.5P	TER16
MTB2-TER20-B-100L	M2-M16	34	20	34	168	100	68	17.780	M10*1.5P	TER20
MTB2-TER25-B-100L	M2-M22	42	25	42	168	100	68	17.780	M10*1.5P	TER25
规格 / 型号 Model	攻牙范围 Tapping range	d1	d2	d3	L	L1	L2	D1	M	筒夹名称 Collet name
MTB3-TER16-B-100L	M2-M12	28	16	28	185	100	85	23.825	M12*1.75P	TER16
MTB3-TER20-B-100L	M2-M16	34	20	34	185	100	85	23.825	M12*1.75P	TER20
MTB3-TER25-B-100L	M2-M22	42	25	42	185	100	85	23.825	M12*1.75P	TER25
MTB3-TER32-B-100L	M2-M30	50	32	50	185	100	85	23.825	M12*1.75P	TER32
规格 / 型号 Model	攻牙范围 Tapping range	d1	d2	d3	L	L1	L2	D1	M	筒夹名称 Collet name
MTB4-TER16-B-100L	M2-M12	28	16	28	208	100	108	31.267	M16*2.0P	TER16
MTB4-TER20-B-100L	M2-M16	34	20	34	208	100	108	31.267	M16*2.0P	TER20
MTB4-TER25-B-100L	M2-M22	42	25	42	208	100	108	31.267	M16*2.0P	TER25
MTB4-TER32-B-100L	M2-M30	50	32	50	208	100	108	31.267	M16*2.0P	TER32
规格 / 型号 Model	攻牙范围 Tapping range	D	d	d3	L	L1	L2	D1	M	筒夹名称 Collet name
MTB5-TER32-100L	M2-M30	50	32	50	236	100	136	44.399	M20*2.5P	TER32

特点：

注：

◎刚性功能确保加工中心主轴转动同进给精确同步，使用专用基础刀柄。

◎刚性攻牙刀柄可使用 ER 筒夹代替，作为夹持钻头、铰刀和铣刀工具刀柄。

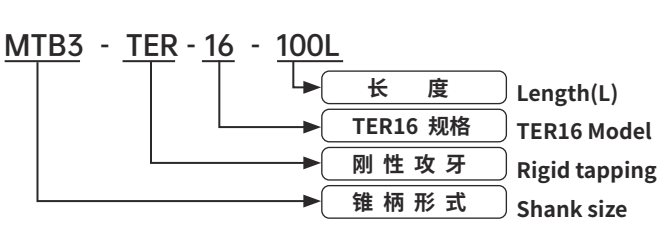
◎采用刚性攻牙本体，使用时，螺帽请勿过度锁紧，以免造成损坏，ER 扳手为另购品。

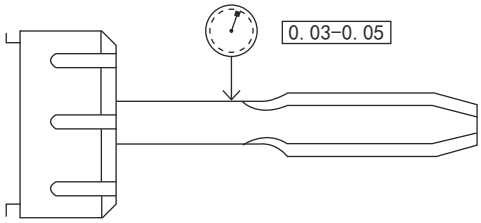
Features:

◎ Rigid function ensures machining center spindle rotate in synchronized precise, While MTB holder in use.

◎ Can be replaced by ER collet for gripping cutting tool, Drill bit, and draw bolt and so on.

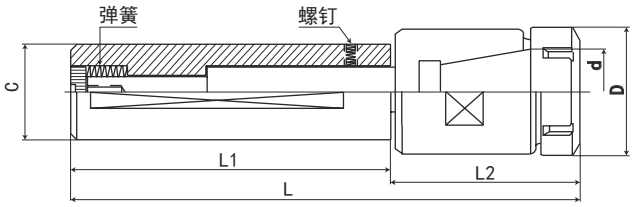
◎ Don't lock excessively of the clamping nut in case of damage. Wrench not included.





SL-TER 实用型直柄伸缩攻牙器 SL-TER PRACTICAL STRAIGHT SHANK TAPPER






P.J31


P.J06


P.J33


P.Q34

规格 / 型号 Model	L	L1	L2	C	D	d	筒夹 Collet	攻牙能力 Capacity	伸缩量	
									伸（+）	缩（-）
SL16-TER11-(M/A)-80L	112	80	32	16	16/19	11	TER11	M2-M10	8mm	0mm
SL16-TER16-(M/A)-80L	120	80	40	16	22/28	16	TER16	M2-M12	8mm	0mm
SL20-TER11-(M/A)-80L	112	80	32	20	16/19	11	TER11	M2-M10	8mm	0mm
SL20-TER16-(M/A)-80L	120	80	40	20	22/28	16	TER16	M2-M12	8mm	0mm
SL20-TER20-(M/A)-80L	125	80	45	20	28/34	20	TER20	M2-M16	8mm	0mm
SL20-TER25-(UM)-80L	130	80	50	20	42	25	TER25	M2-M22	8mm	0mm
SL25-TER11-(M/A)-80L	112	80	32	25	16/19	11	TER11	M2-M10	8mm	0mm
SL25-TER16-(M/A)-80L	120	80	40	25	22/28	16	TER16	M2-M12	8mm	0mm
SL25-TER20-(M/A)-80L	125	80	45	25	28/34	20	TER20	M2-M16	8mm	0mm
SL25-TER25-(UM)-80L	130	80	50	25	42	25	TER25	M2-M22	8mm	0mm
SL25-TER32-(UM)-80L	135	80	55	25	50	32	TER32	M2-M30	10mm	0mm
SL32-TER25-(UM)-80L	130	80	50	32	42	25	TER25	M2-M22	8mm	0mm
SL32-TER32-(UM)-80L	135	80	55	32	50	32	TER32	M2-M30	10mm	0mm

特点：

注：

◎可使用 ER 筒夹夹持丝攻，配合钢性攻牙筒夹则效果倍增。

◎可建议使用 A 型螺帽，以增加夹持力。

◎ TP 型内建浮动装置使工作重复定位可自动修正偏差。

◎用於刀具不旋转的場合（如：车床、专用机械等）。

Features:

◎ Using ER collet holser tap, rigid tapping collets with the effect of doubling.

◎ May suggest that uses the A nut, increases the chucking power.

◎ In TP constructs the fluctuation installment to cause the dupl-ication of work localization to be possible to revise the deviat-ion automatically.

◎ Uses in situation which the cutting tool does not revolve (for example: Lathe, special-purpose machinery and so on).

注释：

注：

◎在加工材料较硬，则 M/MIN 应同时变得较慢。

◎在使用直柄伸缩 TER 攻牙器，请先决定车床主轴运转速度，否则将会因速度太快或太慢而造成柄及攻牙器损坏或破碎。

◎ S=V/P S= 中文主轴转速 V=M/min P=PICH.

Note:

◎ If the processing material is herder, the M/min should become slower relatively.

◎ Before using the Straight TER Tapper, please decide spindle running speed of Lathe Machine, otherwise it will make the Shank and Tapping break or split because of too fast or too slow speed.

◎ S=V/P S=Spindle running speed V=M/min P=PICH

例：

注：

◎工件材质：S45 以，V=400-440

◎牙距 =1.5P

◎ S=V/P=440/1.5=293=R.P.N

For Example:

◎ Processing material: S45C,V=400-440

◎ Pitch=1.5P

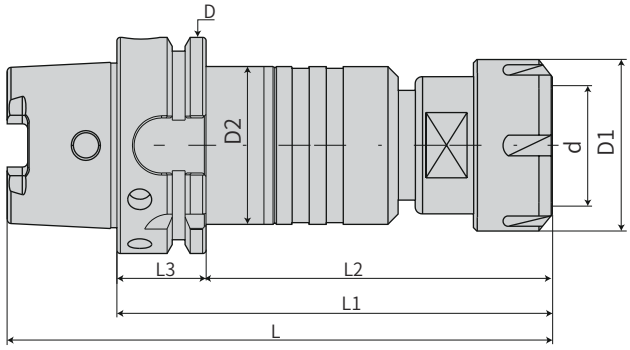
◎ S=V/P=440/1.5=293=R.P.N

攻丝夹头系列 TAPPING CHUCK SERIES

HSK-VER 微伸缩攻丝刀柄 MICRO TENSION AND COMPRESSION TAPPING HOLDER/HSK



P.J06



型号 / 规格 Model	攻牙范围 Gripl range	L	L1	L2	L3	D	D1	D2	d	伸缩长度 Lenght comp 压缩 F2 Comp	伸缩长度 Lenght comp 伸长 F1 Tens	夹头名称 Collet name
HSK50A-VER16-125	M3-M10	150	125	99	26	50	28	46	16	0.5mm	0.5mm	ER16/ERG16
HSK50A-VER20-125	M3-M12	150	125	99	26	50	34	46	20	0.5mm	0.5mm	ER20/ERG20
HSK50A-VER25-125	M3-M16	150	125	99	26	50	42	46	25	0.5mm	0.5mm	ER25/ERG25
HSK50A-VER32-130	M6-M20	155	130	104	26	50	50	46	32	0.5mm	0.5mm	ER32/ERG32
型号 / 规格 Model	攻牙范围 Gripl range	L	L1	L2	L3	D	D1	D2	d	伸缩长度 Lenght comp 压缩 F2 Comp	伸缩长度 Lenght comp 伸长 F1 Tens	夹头名称 Collet name
HSK63A-VER16-120	M3-M10	152	120	94	26	63	28	46	16	0.5mm	0.5mm	ER16/ERG16
HSK63A-VER20-120	M3-M12	152	120	94	26	63	34	46	20	0.5mm	0.5mm	ER20/ERG20
HSK63A-VER25-120	M3-M16	152	120	94	26	63	42	46	25	0.5mm	0.5mm	ER25/ERG25
HSK63A-VER32-125	M6-M20	157	125	99	26	63	50	46	32	0.5mm	0.5mm	ER32/ERG32
型号 / 规格 Model	攻牙范围 Gripl range	L	L1	L2	L3	D	D1	D2	d	伸缩长度 Lenght comp 压缩 F2 Comp	伸缩长度 Lenght comp 伸长 F1 Tens	夹头名称 Collet name
HSK100A-VER16-120	M3-M10	170	120	91	29	100	28	46	16	0.5mm	0.5mm	ER16/ERG16
HSK100A-VER20-120	M3-M12	170	120	91	29	100	34	46	20	0.5mm	0.5mm	ER20/ERG20
HSK100A-VER25-120	M3-M16	170	120	91	29	100	42	46	25	0.5mm	0.5mm	ER25/ERG25
HSK100A-VER32-130	M6-M20	180	130	101	29	100	50	46	32	0.5mm	0.5mm	ER32/ERG32

特点：

注：

◎本体规格：DIN 69893-1

◎刚性功能确保加工中心主轴转动同进给精确同步，使用专用基础刀柄。

◎刚性攻牙刀柄可使用 ER/ERG 筒夹代替，作为夹持钻头、铰刀和铣刀工具刀柄。

◎采用刚性攻牙本体，使用时，螺帽请勿过度锁紧，以免造成损坏，ER 扳手为另购品。

◎具有深孔攻牙和深层台阶面攻牙功能。

Features:

◎ Spindle Conicity Standard: DIN 69893-1

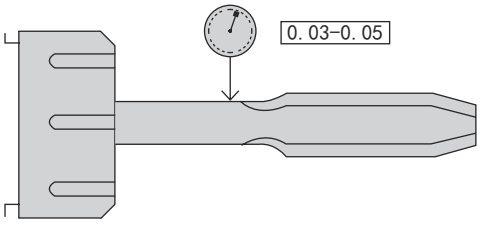
◎ Rigid function ensures machining center spindle rotate in synchronized precise, While MTB holder in use.

◎ Can be replaced by ER /ERG collet for gripping cutting tool,Drill bit, and draw bolt and so on.

◎ Don't lock excessively of the clamping nut in case of damage, Wrench not included.

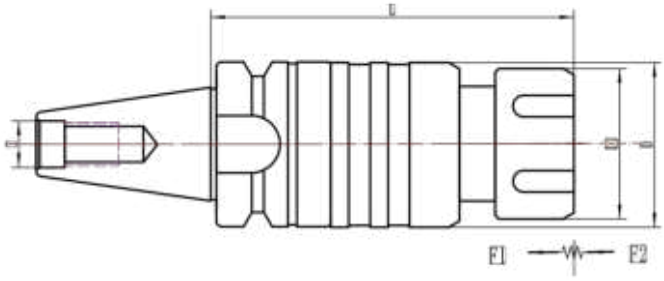
HSK50A - TER - 16 - 110L

- 长 度 Length(L)
- 筒 夹 型 号 Collect type
- 微 伸 缩 Micro tension and compression
- 锥 柄 形 式 Shank size



BT-VER 微伸缩攻丝刀柄 MICRO TENSION AND COMPRESSION TAPPING HOLDER/BT







P.J06

规 格 Model	攻牙范围 Gripl range	D	D1	L	伸缩长度 Lenght comp		T	攻丝筒夹 Colllets	重量 KGS
					压缩 F2 Comp	伸长 F1 Tens			
BT30-VER16-100	M3-M10	46	28	100	0.5mm	0.5mm	M12	ER16	
-VER20-100	M3-M12	46	34	100	0.5mm	0.5mm	M12	ER20	
-VER25-100	M3-M16	46	42	100	0.5mm	0.5mm	M12	ER25	
-VER32-110	M6-M20	46	50	110	0.5mm	0.5mm	M12	ER32	
BT40-VER16-110	M3-M10	46	28	110	0.5mm	0.5mm	M16	ER16	
-VER20-110	M3-M12	46	34	110	0.5mm	0.5mm	M16	ER20	
-VER25-110	M3-M16	46	42	110	0.5mm	0.5mm	M16	ER25	
-VER32-120	M6-M20	46	50	120	0.5mm	0.5mm	M16	ER32	
BT50-VER16-120	M3-M10	46	28	120	0.5MM	0.5MM	M24	ER16	
-VER20-120	M3-M12	46	34	120	0.5mm	0.5mm	M24	ER20	
-VER25-120	M3-M16	46	42	120	0.5mm	0.5mm	M24	ER25	
-VER32-130	M6-M20	46	50	130	0.5mm	0.5mm	M24	ER32	

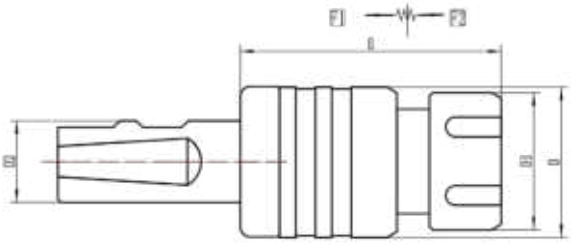
BT30 - VER - 16 - 100L

- 100L → 长 度 Length(L)
- 16 → 筒 夹 型 号 Collect type
- VER → 微 伸 缩 Micro tension and compression
- BT30 → 锥 柄 形 式 Shank size

攻丝夹头系列 TAPPING CHUCK SERIES

SD-VER 微伸缩攻丝刀柄 (DIN1835-B+E) STRAIGHT SHANK MICRO TENSION AND COMPRESSION TAPPING HOLDER







P.J06

规 格 Model	攻牙范围 Gripl range	D	D1	D2	伸缩长度 Lenght comp		L	攻丝筒夹 Colllets	重量 KGS
					压缩 F2 Comp	伸长 F1 Tens			
SD20-VER16-80	M3-M10	46	28	20	0.5mm	0.5mm	80	ER16	
-VER20-80	M3-M12	46	34	20	0.5mm	0.5mm	80	ER20	
-VER25-80	M3-M16	46	42	20	0.5mm	0.5mm	80	ER25	
-VER32-90	M6-M20	46	50	20	0.5mm	0.5mm	90	ER32	
SD25-VER16-80	M3-M10	46	28	25	0.5mm	0.5mm	80	ER16	
-VER20-80	M3-M12	46	34	25	0.5mm	0.5mm	80	ER20	
-VER25-80	M3-M16	46	42	25	0.5mm	0.5mm	80	ER25	
-VER32-90	M3-M20	46	50	25	0.5mm	0.5mm	90	ER32	
SD32-VER16-80	M3-M10	46	28	32	0.5mm	0.5mm	80	ER16	
-VER20-80	M3-M12	46	34	32	0.5mm	0.5mm	80	ER20	
-VER25-80	M3-M16	46	42	32	0.5mm	0.5mm	80	ER25	
-VER32-90	M6-M20	46	50	32	0.5mm	0.5mm	90	ER32	

SD20 - VER - 16 - 80L

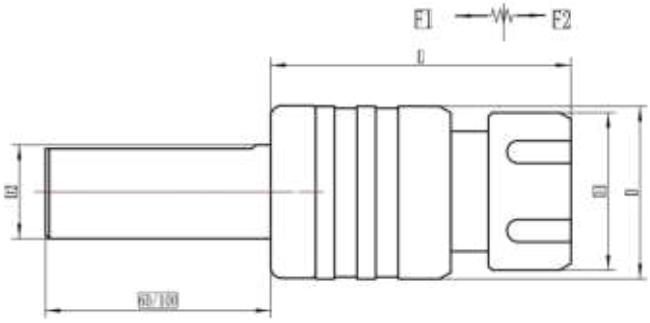
- 80L → 长 度 Length(L)
- 16 → 筒 夹 型 号 Collect type
- VER → 微 伸 缩 Micro tension and compression
- SD20 → 锥 柄 形 式 Shank size

C-VER 微伸缩攻丝刀柄 STRAIGHT SHANK MICRO TENSION AND COMPRESSION TAPPING HOLDER





P.J06



规 格 Model	攻牙范围 Gripl range	D	D1	D2	伸缩长度 Lenght comp		L	攻丝筒夹 Colllets	重量 KGS
					压缩 F2 Comp	伸长 F1 Tens			
C20-VER16-80	M3-M10	46	28	20	0.5mm	0.5mm	80	ER16	
-VER20-80	M3-M12	46	34	20	0.5mm	0.5mm	80	ER20	
-VER25-80	M3-M16	46	42	20	0.5mm	0.5mm	80	ER25	
-VER32-90	M6-M20	46	50	20	0.5mm	0.5mm	90	ER32	
C25-VER16-80	M3-M10	46	28	25	0.5mm	0.5mm	80	ER16	
-VER20-80	M3-M12	46	34	25	0.5mm	0.5mm	80	ER20	
-VER25-80	M3-M16	46	42	25	0.5mm	0.5mm	80	ER25	
-VER32-90	M3-M20	46	50	25	0.5mm	0.5mm	90	ER32	
C32-VER16-80	M3-M10	46	28	32	0.5mm	0.5mm	80	ER16	
-VER20-80	M3-M12	46	34	32	0.5mm	0.5mm	80	ER20	
-VER25-80	M3-M16	46	42	32	0.5mm	0.5mm	80	ER25	
-VER32-90	M6-M20	46	50	32	0.5mm	0.5mm	90	ER32	

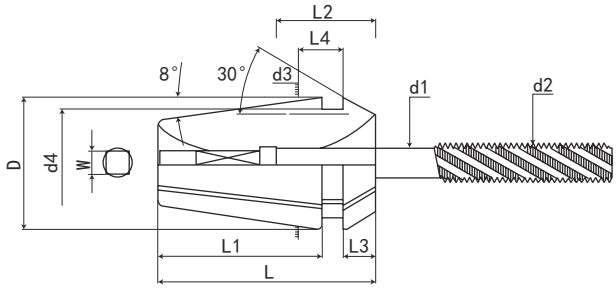
C30 - VER - 16 - 80L

- 80L → 长 度 Length(L)
- 16 → 筒 夹 型 号 Collect type
- VER → 微 伸 缩 Micro tension and compression
- C30 → 锥 柄 形 式 Shank size

攻丝夹头系列 TAPPING CHUCK SERIES

ERG 刚性攻牙筒夹（公制） ERG RIGID TAP COLLET(ISO)





Outer diameter size according to DIN6499-B

规格 / 型号 Model	D	d3	d4	L	L1	L3	L4	Capacity	重量 KGS
ER16G	17	16	13.8	27.5	20.8	4.0	6.26	M3-M10	0.003
ER20G	21	20	17.4	31.5	23.9	4.8	6.36	M3-M17	0.04
ER25G	26	25	22	34	25.9	5.0	6.66	M3-M22	0.06
ER32G	33	32	29.2	40	31.8	5.5	7.16	M3-M27	0.10
ER40G	42	40	36.2	46	35.5	7	7.66	M3-M27	0.25
ER50G	52	50	46	60	46	8.5	12.6	M6-M36	0.4

◎材料：SUJ2
◎ Material：SUJ2
◎硬度：44-48HRC
◎ Hardness：44-48HRC

ER16G

规格 / 型号 Model	d1	W □	通用标准 Standard d2				L2
			ISO	JIS	DIN371	DIN376	
ER16G-2.24	2.24	1.8	M3				15
ER16G-2.5	2.5	2.1				M3.5	
		2	M3.5				
ER16G-2.8	2.8	2.1				M4	
ER16G-3	3	2.5		M2			18
ER16G-3.15	3.15	2.5	M3/M4				
ER16G-3.5	3.5	2.7			M3	M5	
ER16G-3.55	3.55	2.8	M3.5/M4.5				
ER16G-4	4	3			M3.5		
		3.1		M3			
		3.15	M4/M5				
ER16G-4.5	4.5	3.4			M4	M6	
		3.55	M6				
ER16G-5	5	4	M5	M4/M4.5			
ER16G-5.5	5.5	4.3				M7	
		4.5		M5/M5.5			
ER16G-6	6	4.5		M6			
		4.9			M5/M6	M8	
ER16G-6.2	6.2	5		M7/M8			
ER16G-6.3	6.3	5	M6/M8				
ER16G-7	7	5.5		M9/M10	M7	M10	
ER16G-8	8	6		M11			22
		6.2			M8	M11	
		6.3	M8/M10				
ER16G-8.5	8.5	6.5		M12			
ER16G-9	9	7				M12	
		7.1	M12				
ER16G-10	10	8	M10		M10		25

◎订购时，请注明标准和 d2、d1、W 尺寸
◎ When ordering please specify the collet type, and the size of d2、d1、W.

ER20G

规格 / 型号 Model	d1	W □	通用标准 Standard d2				L2
			ISO	JIS	DIN371	DIN376	
ER20G-2.24	2.24	1.8	M3				15
ER20G-2.5	2.5	2.1				M3.5	
		2	M3.5				
ER20G-2.8	2.8	2.1				M4	
ER20G-3	3	2.5		M2			18
ER20G-3.15	3.15	2.5	M3/M4				
ER20G-3.5	3.5	2.7			M3	M5	
ER20G-3.55	3.55	2.8	M3.5/M4.5				
ER20G-4	4	3			M3.5		
		3.1		M3			
		3.15	M4/M5				
ER20G-4.5	4.5	3.4			M4	M6	
		3.55	M6				
ER20G-5	5	4	M5	M4/M4.5			
ER20G-5.5	5.5	4.3				M7	
		4.5		M5/M5.5			
ER20G-6	6	4.5		M6			
		4.9			M5/M6	M8	
ER20G-6.2	6.2	5		M7/M8			
ER20G-6.3	6.3	5	M6/M8				
ER20G-7	7	5.5		M9/M10	M7	M10	
ER20G-8	8	6		M11			22
		6.2			M8	M11	
		6.3	M8/M10				
ER20G-8.5	8.5	6.5		M12			
ER20G-9	9	7				M12	
		7.1	M12				
ER20G-10	10	8	M10		M10		25
ER20G-10.5	10.5	8		M14/M15			
ER20G-11	11	9				M14	
ER20G-11.2	11.2	9	M14				
ER20G-12	12	9				M16	
ER20G-12.5	12.5	10	M16	M16			
ER20G-13	13	10		M17			

ERG 刚性攻牙筒夹（公制） ERG RIGID TAP COLLET(ISO)

ER25G

规格 / 型号 Model	d1	W □	通用标准 Standard d2				L2
			ISO	JIS	DIN371	DIN376	
ER25G-2.24	2.24	1.8	M3				15
ER25G-2.5	2.5	2.1				M3.5	
		2	M3.5				
ER25G-2.8	2.8	2.1				M4	
ER25G-3	3	2.5		M2			18
ER25G-3.15	3.15	2.5	M3/M4				
ER25G-3.5	3.5	2.7			M3	M5	
ER25G-3.55	3.55	2.8	M3.5/M4.5				
ER25G-4	4	3			M3.5		
		3.1		M3			
		3.15	M4/M5				
ER25G-4.5	4.5	3.4			M4	M6	
		3.55	M6				
ER25G-5	5	4	M5	M4/M4.5			
ER25G-5.5	5.5	4.3				M7	
		4.5		M5/M5.5			
ER25G-6	6	4.5		M6			
		4.9			M5/M6	M8	
ER25G-6.2	6.2	5		M7/M8			
ER25G-6.3	6.3	5	M6/M8				
ER25G-7	7	5.5		M9/M10	M7	M10	
ER25G-8	8	6		M11			22
		6.2			M8	M11	
		6.3	M8/M10				
ER25G-8.5	8.5	6.5		M12			
ER25G-9	9	7				M12	
		7.1	M12				
ER25G-10	10	8	M10		M10		25
ER25G-10.5	10.5	8		M14/M15			
ER25G-11	11	9				M14	
ER25G-11.2	11.2	9	M14				
ER25G-12	12	9				M16	
ER25G-12.5	12.5	10	M16	M16			
ER25G-13	13	10		M17			
ER25G-14	14	11		M18		M18	28
		11.2	M18/M20				
ER25G-15	15	12		M20			
ER25G-16	16	12				M20	
		12.5	M22				

ER32G

规格 / 型号 Model	d1	W □	通用标准 Standard d2				L2
			ISO	JIS	DIN371	DIN376	
ER32G-2.24	2.24	1.8	M3				15
ER32G-2.5	2.5	2.1				M3.5	
		2	M3.5				
ER32G-2.8	2.8	2.1				M4	
ER32G-3	3	2.5		M2			18
ER32G-3.15	3.15	2.5	M3/M4				
ER32G-3.5	3.5	2.7			M3	M5	
ER32G-3.55	3.55	2.8	M3.5/M4.5				
ER32G-4	4	3			M3.5		
		3.1		M3			
		3.15	M4/M5				
ER32G-4.5	4.5	3.4			M4	M6	
		3.55	M6				
ER32G-5	5	4	M5	M4/M4.5			
ER32G-5.5	5.5	4.3				M7	
		4.5		M5/M5.5			
ER32G-6	6	4.5		M6			
		4.9			M5/M6	M8	
ER32G-6.2	6.2	5		M7/M8			
ER32G-6.3	6.3	5	M6/M8				
ER32G-7	7	5.5		M9/M10	M7	M10	
ER32G-8	8	6		M11			22
		6.2			M8	M11	
		6.3	M8/M10				
ER32G-8.5	8.5	6.5		M12			
ER32G-9	9	7				M12	
		7.1	M12				
ER32G-10	10	8	M10		M10		25
ER32G-10.5	10.5	8		M14/M15			
ER32G-11	11	9				M14	
ER32G-11.2	11.2	9	M14				
ER32G-12	12	9				M16	
ER32G-12.5	12.5	10	M16	M16			
ER32G-13	13	10		M17			
ER32G-14	14	11		M18		M18	28
		11.2	M18/M20				
ER32G-15	15	12		M20			
ER32G-16	16	12				M20	
		12.5	M22				
ER32G-17	17	13		M22			33
ER32G-18	18	14.5				M22/M24	
		14	M24				
ER32G-19	19	15		M24/M25			
ER32G-20	20	15		M26/M27			



TAPPING CHUCK SERIES 攻丝夹头系列

ERG 刚性攻牙筒夹（公制） ERG RIGID TAP COLLET(ISO)

ER40G

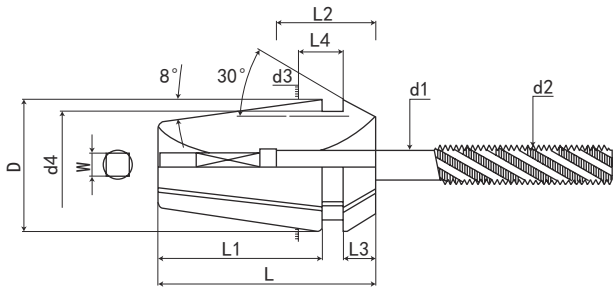
规格 / 型号 Model	d1	W □	通用标准 Standard d2				L2
			ISO	JIS	DIN371	DIN376	
ER40G-2.24	2.24	1.8	M3				15
ER40G-2.5	2.5	2.1				M3.5	
		2	M3.5				
ER40G-2.8	2.8	2.1				M4	
ER40G-3	3	2.5		M2			18
ER40G-3.15	3.15	2.5	M3/M4				
ER40G-3.5	3.5	2.7			M3	M5	
ER40G-3.55	3.55	2.8	M3.5/M4.5				
ER40G-4	4	3			M3.5		
		3.1		M3			
		3.15	M4/M5				
ER40G-4.5	4.5	3.4			M4	M6	
		3.55	M6				
ER40G-5	5	4	M5	M4/M4.5			
ER40G-5.5	5.5	4.3				M7	
		4.5		M5/M5.5			
ER40G-6	6	4.5		M6			
		4.9			M5/M6	M8	
ER40G-6.2	6.2	5		M7/M8			
ER40G-6.3	6.3	5	M6/M8				
ER40G-7	7	5.5		M9/M10	M7	M10	
ER40G-8	8	6		M11			22
		6.2			M8	M11	
		6.3	M8/M10				
ER40G-8.5	8.5	6.5		M12			
ER40G-9	9	7				M12	
		7.1	M12				
ER40G-10	10	8	M10		M10		25
ER40G-10.5	10.5	8		M14/ M15			
ER40G-11	11	9				M14	
ER40G-11.2	11.2	9	M14				
ER40G-12	12	9				M16	
ER40G-12.5	12.5	10	M16	M16			
ER40G-13	13	10		M17			
ER40G-14	14	11		M18		M18	28
		11.2	M18/M20				
ER40G-15	15	12		M20			
ER40G-16	16	12				M20	
		12.5	M22				
ER40G-17	17	13		M22			33
ER40G-18	18	14.5				M22/M24	
		14	M24				
ER40G-19	19	15		M24/ M25			
ER40G-20	20	15		M26/ M27			

ER50G

规格 / 型号 Model	d1	W □	通用标准 Standard d2				L2
			ISO	JIS	DIN371	DIN376	
ER50G-6	6	4.5		M6			18
		4.9			M5/M6	M8	
ER50G-6.2	6.2	5		M7/M8			
ER50G-6.3	6.3	5	M6/M8				
ER50G-7	7	5.5		M9/M10	M7	M10	
ER50G-8	8	6		M11			22
		6.2			M8	M11	
		6.3	M8/M10				
ER50G-8.5	8.5	6.5		M12			
ER50G-9	9	7				M12	
		7.1	M12				
ER50G-10	10	8	M10		M10		25
ER50G-10.5	10.5	8		M14/ M15			
ER50G-11	11	9				M14	
ER50G-11.2	11.2	9	M14				
ER50G-12	12	9				M16	
ER50G-12.5	12.5	10	M16	M16			
ER50G-13	13	10		M17			
ER50G-14	14	11		M18		M18	
		11.2	M18/M20				
ER50G-15	15	12		M20			
ER50G-16	16	12				M20	
		12.5	M22				
ER50G-17	17	13		M22			28
ER50G-18	18	14.5				M22/ M24	
		14	M24				
ER50G-19	19	15		M24/ M25			
ER50G-20	20	15		M26/ M27			40
ER50G-21	21	17		M28			
ER50G-22	22	18				M30	
ER50G-22.4	22.4	18	M33				
ER50G-23	23	17		M30			
ER50G-25	25	19		M33			
		20	M36				
ER50G-28	28	21		M36			

ERG 刚性攻牙筒夹（英制） ERG RIGID TAP COLLET(INCH)





ER16G RIGID TAP COLLET			
d2	d1	SW	W □
5/32	0.168"	0.151"	0.131"
3/16	0.194"	0.180"	0.152"
7/32	0.220"	0.198"	0.165"
1/4	0.255"	0.198"	0.191"

ER20G RIGID TAP COLLET			
d2	d1	SW	W □
5/32	0.168"	0.151"	0.131"
3/16	0.194"	0.180"	0.152"
7/32	0.220"	0.198"	0.165"
1/4	0.255"	0.198"	0.191"
5/16	0.318"	0.258"	0.238"
7/16	0.323"	0.263"	0.242"
1/2	0.367"	0.307"	0.275"
3/8	0.381"	0.321"	0.286"
9/16	0.429"	0.370"	0.322"

ER32G RIGID TAP COLLET			
d2	d1	SW	W □
5/32	0.168"	0.151"	0.131"
3/16	0.194"	0.180"	0.152"
7/32	0.220"	0.198"	0.165"
1/4	0.255"	0.198"	0.191"
5/16	0.318"	0.258"	0.238"
7/16	0.323"	0.263"	0.242"
1/2	0.367"	0.307"	0.275"
3/8	0.381"	0.321"	0.286"
9/16	0.429"	0.370"	0.322"
1/8PT	0.437"	0.378"	0.328"
5/8	0.480"	0.422"	0.360"
11/16	0.542"	0.486"	0.406"
7/16	0.323"	0.263"	0.242"
1/2	0.367"	0.307"	0.275"
3/8	0.381"	0.321"	0.286"
9/16	0.429"	0.370"	0.322"
1/8PT	0.437"	0.378"	0.328"
5/8	0.480"	0.422"	0.360"
11/16	0.542"	0.486"	0.406"
1/4PT	0.562"	0.483"	0.421"
3/4	0.590"	0.512"	0.442"
13/16	0.649"	0.576"	0.489"

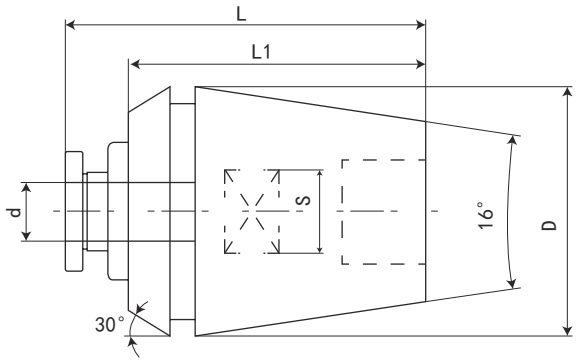
ER25G RIGID TAP COLLET			
d2	d1	SW	W □
5/32	0.168"	0.151"	0.131"
3/16	0.194"	0.180"	0.152"
7/32	0.220"	0.198"	0.165"
1/4	0.255"	0.198"	0.191"
5/16	0.318"	0.258"	0.238"
7/16	0.323"	0.263"	0.242"
1/2	0.367"	0.307"	0.275"
3/8	0.381"	0.321"	0.286"
9/16	0.429"	0.370"	0.322"
1/8PT	0.437"	0.378"	0.328"
5/8	0.480"	0.422"	0.360"

ER40G RIGID TAP COLLET			
d2	d1	SW	W □
1/4	0.255"	0.198"	0.191"
5/16	0.318"	0.258"	0.238"
7/16	0.323"	0.263"	0.242"
1/2	0.367"	0.307"	0.275"
3/8	0.381"	0.321"	0.286"
9/16	0.429"	0.370"	0.322"
1/8PT	0.437"	0.378"	0.328"
5/8	0.480"	0.422"	0.360"
11/16	0.542"	0.486"	0.406"
1/4PT	0.562"	0.483"	0.421"
3/4	0.590"	0.512"	0.442"
13/16	0.649"	0.576"	0.489"
1/2PT	0.687"	0.612"	0.515"
7/8	0.697"	0.623"	0.523"
3/8PT	0.700"	0.634"	0.531"
15/16	0.760"	0.689"	0.570"
1	0.800"	0.730"	0.600"

攻丝夹头系列 TAPPING CHUCK SERIES

TER32 扭力攻牙筒夹 TER32 FOR COMPRESSION TAPER HOLDER





型号 / 规格 Model	夹持丝锥 (ISO 国标)	D	d	S	L	L1
TER32-M3	M3	33	3.15	2.5	48	40
TER32-M4	M4	33	4	3.15	48	40
TER32-M5	M5	33	5	4	48	40
TER32-M6	M6	33	6.3	5	48	40
TER32-M8	M8	33	6.3	5	48	40
TER32-M10	M10	33	8	6.3	48	40
TER32-M12	M12	33	9	7.1	48	40

特点:

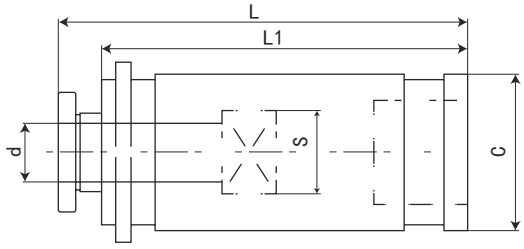
注:
◎可用在 ER 刀柄上，又可夹持丝锥实现扭力保护攻牙
◎扭力的变动灵敏、可根据不同的情况设定相应扭力
◎也可以用于不同的攻牙机和攻牙机体

Features:

◎ Used for gripping cutting tool and tapping.
◎ Torsion reflect sensitive and changes according to various material to set up corresponding torque.
◎ Used for all kinds of tapping machine and electric tapping machine.

TC32 扭力攻牙筒夹 TC32 FOR COMPRESSION TAPER HOLDER





型号 / 规格 Model	夹持丝锥 (ISO 国标)	C	d	S	L	L1
TC32-M3	M3	32	3.15	2.5	63	55
TC32-M4	M4	32	4	3.15	63	55
TC32-M5	M5	32	5	4	63	55
TC32-M6	M6	32	6.3	5	63	55
TC32-M8	M8	32	6.3	5	63	55
TC32-M10	M10	32	8	6.3	63	55
TC32-M12	M12	32	9	7.1	63	55

特点:

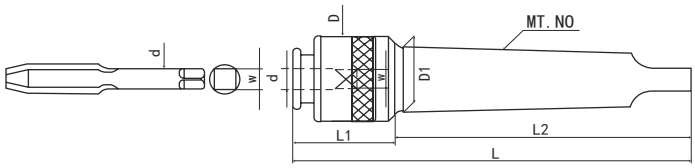
注:
◎可用在 C32 强力刀柄上，又可夹持丝锥实现扭力保护攻牙
◎扭力的变动灵敏、可根据不同的情况设定相应扭力
◎也可以用于不同的攻牙机和攻牙机体

Features:

◎ Used for gripping cutting tool and tapping.
◎ Torsion reflect sensitive and changes according to various material to set up corresponding torque.
◎ Used for all kinds of tapping machine and electric tapping machine.

MTA 莫氏单支刚性攻丝夹头 MTA MORSE RIGID TAPPING CHUCK





规格 / 型号 Model	MT.NO	攻牙范围 Tapping range	D	D1	d	W	L	L1	L2
MT2-M5	MT2	M5	21	17.780	5	4*4	104	20	84
MT2-M6-8	MT2	M6-M8	21	17.780	6.3	5*5	104	20	84
MT2-M10	MT2	M10	21	17.780	8	6.3*6.3	104	20	84
MT2-M12	MT2	M12	21	17.780	9	7.1*7.1	104	20	84
MT2-M14	MT2	M14	24	17.780	11.2	9*9	111	27	84
MT2-M16	MT2	M16	27	17.780	12.5	10*10	111	27	84
MT3-M6-8	MT3	M6-M8	27	23.825	6.3	5*5	120	21	99
MT3-M10	MT3	M10	27	23.825	8	6.3*6.3	120	21	99
MT3-M12	MT3	M12	27	23.825	9	7.1*7.1	120	21	99
MT3-M14	MT3	M14	27	23.825	11.2	9*9	120	21	99
MT3-M16	MT3	M16	27	23.825	12.5	10*10	120	21	99
MT3-M18-20	MT3	M18-20	29	23.825	14	11.2*11.2	126	27	99
MT3-M22	MT3	M22	33	23.825	16	12.5*12.5	130	31	99
MT3-M24	MT3	M24	33	23.825	18	14*14	130	31	99
MT3-M27-30	MT3	M27-30	37	23.825	20	16*16	150	51	99
MT4-M6-8	MT4	M6-M8	33	31.267	6.3	5*5	148	24	124
MT4-M10	MT4	M10	33	31.267	8	6.3*6.3	148	24	124
MT4-M12	MT4	M12	33	31.267	9	7.1*7.1	148	24	124
MT4-M14	MT4	M14	33	31.267	11.2	9*9	148	24	124
MT4-M16	MT4	M16	33	31.267	12.5	10*10	148	24	124
MT4-M18-20	MT4	M18-20	33	31.267	14	11.2*11.2	148	24	124
MT4-M22	MT4	M22	33	31.267	16	12.5*12.5	148	24	124
MT4-M24	MT4	M24	37	31.267	18	14*14	150	26	124
MT4-M27-30	MT4	M27-30	37	31.267	20	16*16	156	32	124
MT4-M33	MT4	M33	39	31.267	22.4	18*18	158	34	124
MT4-M36	MT4	M36	44	31.267	25	20*20	176	52	124
MT4-M39-42	MT4	M39-42	44	31.267	28	22.4*22.4	176	52	124
MT4-M45-48	MT4	M45-48	49	31.267	31.5	25*25	176	52	124
MT4-M52-56	MT4	M52-56	54	31.267	35.5	28*28	176	52	124
MT5-M33	MT5	M33	47	44.399	22.4	18*18	170	34	136
MT5-M36	MT5	M36	47	44.399	25	20*20	170	34	136
MT5-M39-42	MT5	M39-42	47	44.399	28	22.4*22.4	170	34	136
MT5-M45-48	MT5	M45-48	49	44.399	31.5	25*25	170	34	136
MT5-M52-56	MT5	M52-56	54	44.399	35.5	28*28	170	34	136

特点：

注：

◎本产品具有浮动、快换、便捷功能

◎适用于攻丝机、钻攻机、钻床等机床设备攻牙

◎最大攻丝范围 M5-M24

Features:

◎ Floating, quick change, automatic regulatory function.

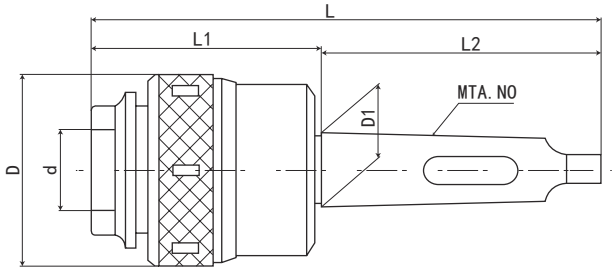
◎ Suitable for tapping machines, drilling attach machines, lathes and so on for tapping.

◎ Tapping range: M5-M24.

攻丝夹头系列 TAPPING CHUCK SERIES

J5230 钻孔攻丝快换夹头 DRILL AND TAP QUICK CHANGE PROTECTION COLLET







P.Q38

规格 / 型号 Model	莫氏锥柄 Morse taper shank	钻孔范围 Drilling range	攻牙范围 Tapping range	快换变径套 Morse taper sleeve	快换攻丝夹头 Tapping collet chuck	D	d	L	L1	L2	D1	夹套外径 d	组合内容 Tool Connection
MTA3-J5230	MTA3	1-31mm	M6-M30	MTA1/MTA2/MTA3/B16	M6-8/M10/M12/M16/M18-20/M24/M27-30	82	35	198	99	99	23.825	ϕ35	1. 攻丝夹头 7 支 2. 变径套 3 支 3.B16 钻接杆 1 支 4. 主体 1 支
MTA4-J5230	MTA4	1-31mm	M6-M30	MTA1/MTA2/MTA3/B16	M6-8/M10/M12/M16/M18-20/M24/M27-30	82	35	223	99	124	31.267		
MTA5-J5230	MTA5	1-31mm	M6-M30	MTA1/MTA2/MTA3/B16	M6-8/M10/M12/M16/M18-20/M24/M27-30	82	35	255	99	156	44.399		
MTA4-J5242	MTA4	6-50.8mm	M16-M42	MTA1/MTA2/MTA3/MTA4	M16/M18-20/M24/M27-30/M36/M39-42	84	35	242	118	124	31.267	ϕ35	1. 攻丝夹头 6 支 2. 变径套 4 支 3. 主体 1 支
MTA5-J5242	MTA5	6-50.8mm	M16-M42	MTA1/MTA2/MTA3/MTA4	M16/M18-20/M24/M27-30/M36/M39-42	84	35	274	118	156	44.399		



特点：

注：

◎本产品具有钻孔、攻丝、扭力过载、保护丝锥等功能。

◎适合在钻床、攻丝机、镗床、车床等设备攻丝。

◎采用主体件内的磨擦片紧松，自如调节攻丝扭力大小。

◎本体规范：GB1443-1985

Features:

◎ Spindle conicity standard: GB1443-1985

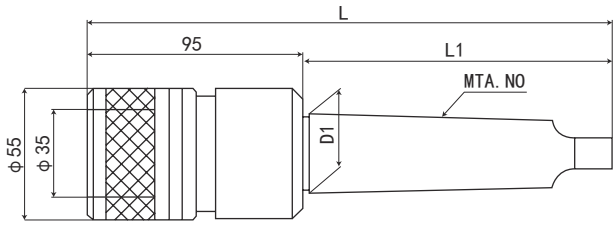
◎ With functions of drilling, tapping,torque protection.

◎ Used on radial drills, drilling attack machines, borers, lathes and so on for tapping.

◎ Adopt the friction disk in main body to adjust tap power of the torque to steady skid and protection tap.

J5130 钻孔快换夹头 J5130 DRILL AND TAP QUICK CHANGE COLLET







P.Q38

规格 / 型号 Model	莫氏锥柄 Morse taper shank	钻孔范围 Drilling range	快换变径套 Morse taper sleeve	L	L1	D1	组合内容 Tool Connection
MTA3-J5130	MTA3	1-31mm	MTA1/MTA2/B16	194	99	23.825	1. 变径套 2 支 2.B16 钻接杆 1 支 3. 主体 1 支
MTA4-J5130	MTA4	1-31mm	MTA1/MTA2/MTA3/B16	223	124	31.267	1. 变径套 3 支 2.B16 钻接杆 1 支 3. 主体 1 支
MTA5-J5130	MTA5	6-50.8mm	MTA1/MTA2/MTA3/MTA4/B16	251	156	44.399	1. 变径套 4 支 2.B16 钻接杆 1 支 3. 主体 1 支

快换变径套及快换钻接杆与 J5230 通用



特点：

注：

◎本体规范：GB1443-1985

◎适合在钻床、攻丝机、镗床、车床等设备攻丝。

◎能解决大小孔径快速钻孔。

◎本产品具有经济实惠，快速便捷功能。

Features:

◎ Spindle conicity standard: GB1443-1985

◎ Used on radial drills, drilling attack machines, borers, lathes and so on for tapping.

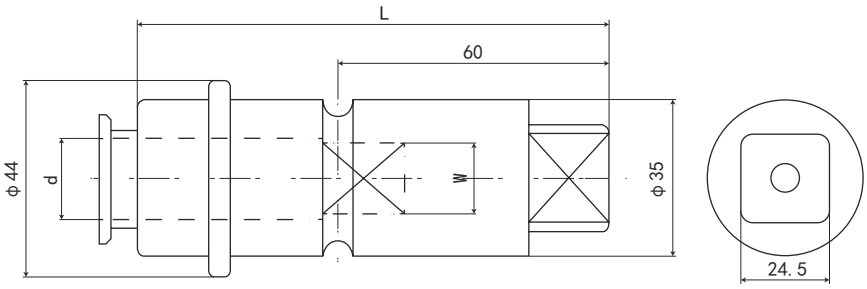
◎ Can solve the problem for big or small aperture drilling.

◎ With function of quick change and convenience.

攻丝夹头系列 TAPPING CHUCK SERIES

J5230 快换攻丝夹头 J5230 TAPPING COLLET CHUCK



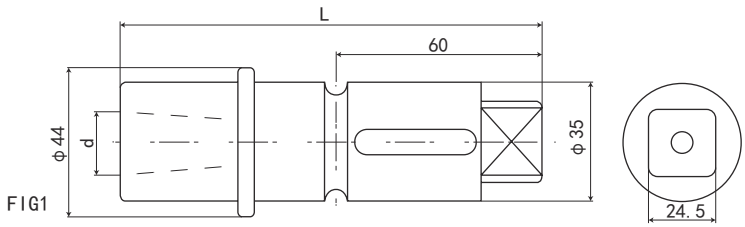


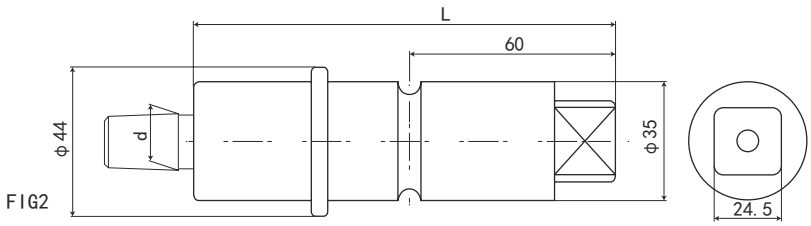
名称 Name	型号 Model	d	W	L	名称 Name	型号 Model	d	W	L
快换攻丝夹头 Tapping collet chuck	M6-8	6.3	5X5	111	快换攻丝夹头 Tapping collet chuck	M22	16	12.5X12.5	120
	M10	8	6.3X6.3	111		M24	18	14X14	120
	M12	9	7.1X7.1	111		M27-30	20	16X16	120
	M14	11.2	9X9	111		M33	22.4	18X18	130
	M16	12.5	10X10	111		M36	25	20X20	130
	M18-20	14	11.2X11.2	111		M39-42	28	22.4X22.4	130

J5230 快换变径套 J5230 MORSE TAPER SLEEVE





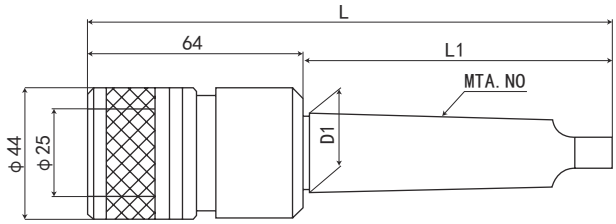




名称 Name	规格 / 型号 Model	d	L	FIG
快换变径套 Morse taper sleeve	MTA1	12.075	98	FIG1
	MTA2	17.780	109	
	MTA3	23.825	126	
	MTA4	31.267	153	
快换钻接杆 Drill chuck arbors	B16	15.733	118	FIG2
	B18	17.780	126	

J4016A 型钢性快换攻丝夹头 J4016A SYSTEM QUICK CHANGE TAP COLLET CHUCK SET







P.Q41

规格 / 型号 Model	莫氏锥柄 Morse taper shank	攻牙范围 Tapping range	快换攻丝夹头 Tapping collet chuck	L	L1	D1	组合内容 Tool Connection
MTA3-J4016A	MTA3	M5-M16	M5/M6-8/M10/M12/M14/M16	163	99	23.825	1. 主体 1 支 2. 攻丝夹头 6 支
MTA4-J4016A	MTA4	M5-M16	M5/M6-8/M10/M12/M14/M16	188	124	31.267	1. 主体 1 支 2. 攻丝夹头 6 支
MTA5-J4016A	MTA5	M5-M16	M5/M6-8/M10/M12/M14/M16	220	156	44.399	1. 主体 1 支 2. 攻丝夹头 6 支



特点：

注：

◎本产品具有浮动、快换、便捷功能

◎适用于攻丝机、钻攻机、钻床等机床设备攻牙

◎最大攻丝范围 M5-M16

Features:

◎ Floating,quick change, automatic regulatory function.

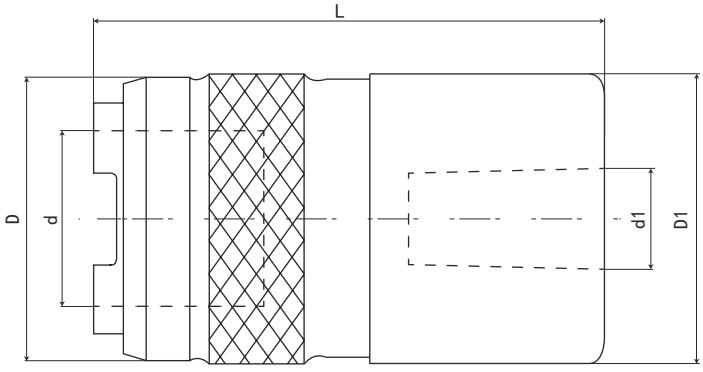
◎ Suitable for tapping machines, drilling attach machines, lathes and so on for tapping.

◎ Tapping range: M5-M16.

攻丝夹头系列 TAPPING CHUCK SERIES

J4012A/J4016A /J4024A 转换套 SYSTEM QUICK CHANGE TAP COLLET CHUCK SET





P.Q41 P.S03

型号 / 规格 Model	攻牙范围 Tapping range	D	D1	d	d1	L	夹头名称 Collet name
B16-J4012A	M3-M12	35	35	19	15.733	53	M3/M4/M5/M6-8/M10/M12
B18-J4012A	M3-M12	35	35	19	17.780	53	M3/M4/M5/M6-8/M10/M12
B16-J4016A	M5-M16	44	44	25	15.733	65	M5/M6-8/M10/M12/M14/M16
B18-J4016A	M5-M16	44	44	25	17.780	65	M5/M6-8/M10/M12/M14/M16
B22-J4024A	M5-M24	51	38	30	21.793	93	M5/M6-8/M10/M12/M14/M16/ M18-20/M22/M24



特点：

注：

◎本产品具有浮动、快换、便捷功能

◎适用于攻丝机、钻攻机、钻床等机床设备攻牙

◎最大攻丝范围 M3-M24

Features:

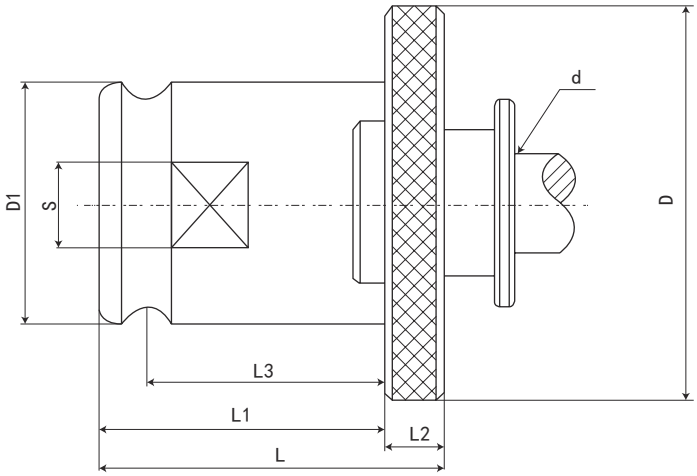
◎ Floating, quick change, automatic regulatory function.

◎ Suitable for tapping machines, drilling attach machines, lathes and so on for tapping.

◎ Tapping range: M3-M24.

J4012A/J4016A/J4024A 快换攻丝夹头 TAPPING COLLET CHUCK







P.Q39

型号 / 规格 Model	夹持丝锥 (ISO 国标)	D	D1	d	S	L	L1	L2	L3
J4012A-M3	M3	29	19	3.15	2.5	30	22	7	17.5
J4012A-M4	M4	29	19	4	3.15	30	22	7	17.5
J4012A-M5	M5	29	19	5	4	30	22	7	17.5
J4012A-M6-8	M6-8	29	19	6.3	5	30	22	7	17.5
J4012A-M10	M10	29	19	8	6.3	30	22	7	17.5
J4012A-M12	M12	29	19	9	7.1	30	22	7	17.5
型号 / 规格 Model	夹持丝锥 (ISO 国标)	D	D1	d	S	L	L1	L2	L3
J4016A-M5	M5	37	25	5	4	38	30	8	25
J4016A-M6-8	M6-8	37	25	6.3	5	38	30	8	25
J4016A-M10	M10	37	25	8	6.3	38	30	8	25
J4016A-M12	M12	37	25	9	7.1	38	30	8	25
J4016A-M14	M14	37	25	11.2	9	38	30	8	25
J4016A-M16	M16	37	25	12.5	10	38	30	8	25
型号 / 规格 Model	夹持丝锥 (ISO 国标)	D	D1	d	S	L	L1	L2	L3
J4024A-M5	M5	47	30	5	4	42	30	12	25
J4024A-M6-8	M6-8	47	30	6.3	5	42	30	12	25
J4024A-M10	M10	47	30	8	6.3	42	30	12	25
J4024A-M12	M12	47	30	9	7.1	42	30	12	25
J4024A-M14	M14	47	30	11.2	9	42	30	12	25
J4024A-M16	M16	47	30	12.5	10	42	30	12	25
J4024A-M18	M18	47	30	14	11.2	42	30	12	25
J4024A-M20	M20	47	30	14	11.2	42	30	12	25
J4024A-M22	M22	47	30	16	12.5	42	30	12	25
J4024A-M24	M24	47	30	18	14	42	30	12	25

特点:

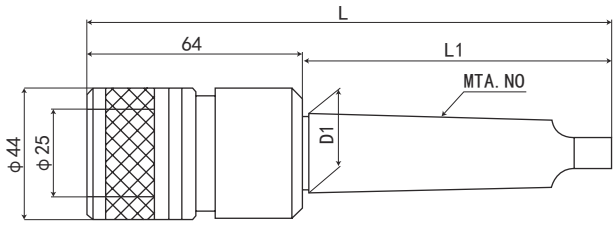
注:
◎本产品具有浮动、快换、便捷功能
◎适用于攻丝机、钻攻机、钻床等机床设备攻牙
◎最大攻丝范围 M3-M24

Features:

◎ Floating, quick change, automatic regulatory function.
◎ Suitable for tapping machines, drilling attach machines, lathes and so on for tapping.
◎ Tapping range: M3-M24.

J4016B 型钢性快换攻丝夹头 J4016B SYSTEM QUICK CHANGE TAP COLLET CHUCK SET







P.Q44

规格 / 型号 Model	莫氏锥柄 Morse taper shank	攻牙范围 Tapping range	快换攻丝夹头 Tapping collet chuck	L	L1	D1	组合内容 Tool Connection
MTA3-J4016B	MTA3	M5-M16	M5/M6-8/M10/M12/M14/M16	163	99	23.825	1. 主体 1 支 2. 攻丝夹头 6 支
MTA4-J4016B	MTA4	M5-M16	M5/M6-8/M10/M12/M14/M16	188	124	31.267	1. 主体 1 支 2. 攻丝夹头 6 支
MTA5-J4016B	MTA5	M5-M16	M5/M6-8/M10/M12/M14/M16	220	156	44.399	1. 主体 1 支 2. 攻丝夹头 6 支



特点:

注:

◎本产品具有浮动、快换、便捷功能

◎适用于攻丝机、钻攻机、钻床等机床设备攻牙

◎最大攻丝范围 M5-M16

Features:

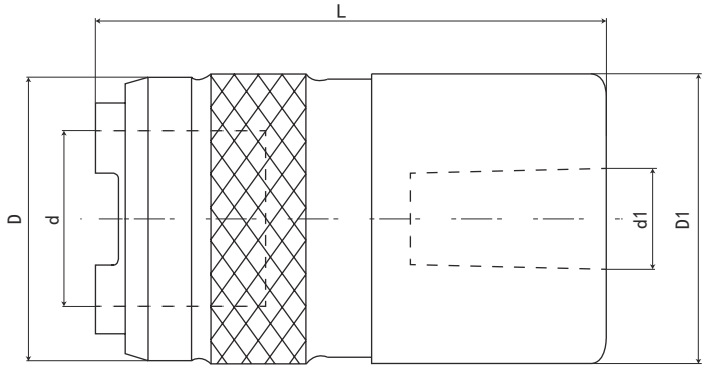
◎ Floating, quick change, automatic regulatory function.

◎ Suitable for tapping machines, drilling attach machines, lathes and so on for tapping.

◎ Tapping range: M5-M16.

J4016B /J4024B 转换套 SYSTEM QUICK CHANGE TAP COLLET CHUCK SET





型号 / 规格 Model	攻牙范围 Tapping range	D	D1	d	d1	L	夹头名称 Collet name
B16-J4016B	M5-M16	44	43	28	15.733	67	M5/M6-8/M10/M12/M14/M16
B18-J4016B	M5-M16	44	43	28	17.780	67	M5/M6-8/M10/M12/M14/M16
B22-J4024B	M5-M24	59	49	36	21.793	104	M5/M6-8/M10/M12/M14/M16/M18-20/M22/M24



特点：

注：

◎本产品具有浮动、快换、便捷功能

◎适用于攻丝机、钻攻机、钻床等机床设备攻牙

◎最大攻丝范围 M3-M24

Features:

◎ Floating, quick change,automatic regulatory function.

◎ Suitable for tapping machines, drilling attach machines, lathes and so on for tapping.

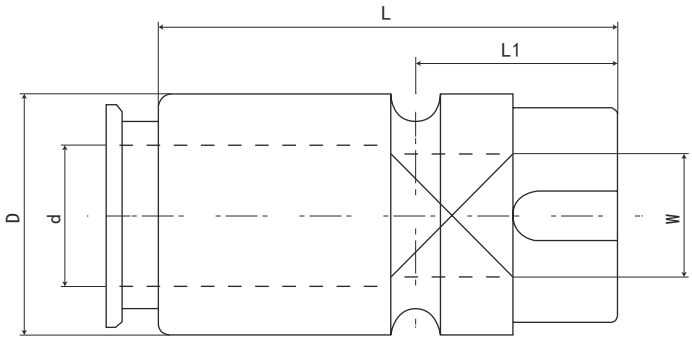
◎ Tapping range: M3-M24.



攻丝夹头系列 TAPPING CHUCK SERIES

J4016B 快换攻丝夹头 TAPPING COLLET CHUCK





型号 / 规格 Model	夹持丝锥 (ISO 国标)	D	d	W	L	L1
J4016B-M3	M3	28	3.15	2.5	40	22.5
J4016B-M4	M4	28	4	3.15	40	22.5
J4016B-M5	M5	28	5	4	40	22.5
J4016B-M6-8	M6-8	28	6.3	5	40	22.5
J4016B-M10	M10	28	8	6.3	40	22.5
J4016B-M12	M12	28	9	7.1	40	22.5
J4016B-M14	M14	28	11.2	9	40	22.5
J4016B-M16	M16	28	12.5	10	40	22.5

特点:

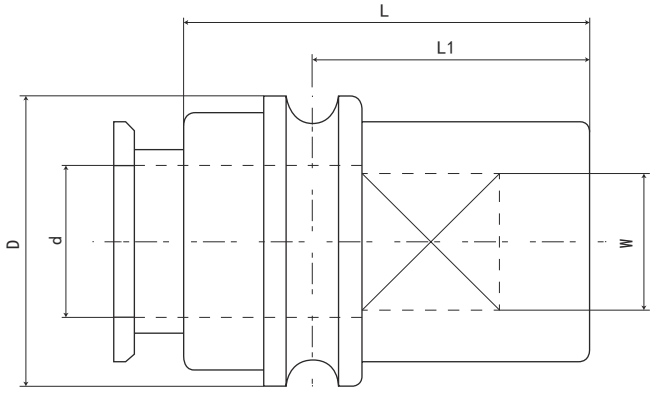
注:
◎本产品具有浮动、快换、便捷功能
◎适用于攻丝机、钻攻机、钻床等机床设备攻牙
◎最大攻丝范围 M3-M16

Features:

◎ Floating, quick change, automatic regulatory function.
◎ Suitable for tapping machines, drilling attach machines, lathes and so on for tapping.
◎ Tapping range: M3-M16.

J4024B 快换攻丝夹头 TAPPING COLLET CHUCK





型号 / 规格 Model	夹持丝锥 (ISO 国标)	D	d	W	L	L1
J4024B-M5	M5	36	5	4	50	35
J4024B-M6-8	M6-8	36	6.3	5	50	35
J4024B-M10	M10	36	8	6.3	50	35
J4024B-M12	M12	36	9	7.1	50	35
J4024B-M14	M14	36	11.2	9	50	35
J4024B-M16	M16	36	12.5	10	50	35
J4024B-M18-20	M18-20	36	14	11.2	50	35
J4024B-M22	M22	36	16	12.5	50	35
J4024B-M24	M24	36	18	14	50	35

特点:

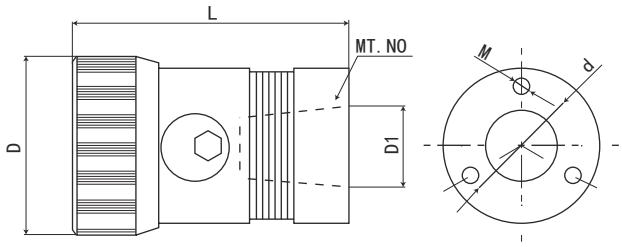
注:
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◎适用于攻丝机、钻攻机、钻床等机床设备攻牙
◎最大攻丝范围 M5-M24

Features:

◎ Floating, quick change, automatic regulatory function.
◎ Suitable for tapping machines, drilling attach machines, lathes and so on for tapping.
◎ Tapping range: M5-M24.

TC- 系列一体式多用攻丝夹头 TC SERIES-ONE-PIECE MULTI-PURPOSE TAPPING CHUCK





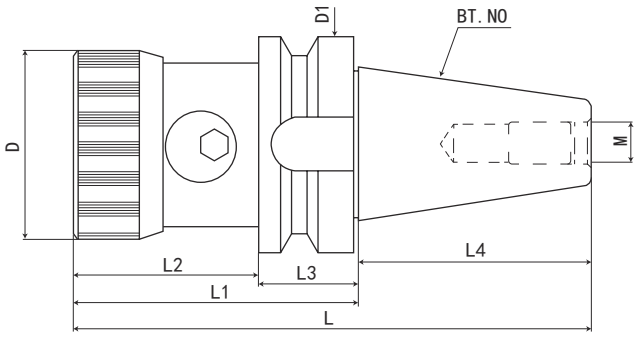


P.S03

规格 / 型号 Model	夹持范围 Capacity	丝锥柄径范围 tapping holder diameter	连接锥度 Jacobs Taper Shank	D	D1	L	d	M
TC13-B16	M2-M13 1/8"-1/2"	ϕ2.5-ϕ10	B16	48	15.733	73	36	M5
TC13-JT6	M2-M13 1/8"-1/2"	ϕ2.5-ϕ10	JT6	48	17.170	73	36	M5
TC16-B18	M3-M16 1/8"-5/8"	ϕ3-ϕ12.5	B18	54	17.780	76	36	M5
TC16-JT6	M3-M16 1/8"-5/8"	ϕ3-ϕ12.5	JT6	54	17.170	76	36	M5
TC20-B18	M5-M20 3/16"-3/4"	ϕ4.5-ϕ15	B18	54	17.780	85	36	M5
TC20-JT6	M5-M20 3/16"-3/4"	ϕ4.5-ϕ15	JT6	54	11.170	85	36	M5
TC24-B22	M12-M24 1/2"-15/16"	ϕ8.5-ϕ18	B22	60	21.793	95	36	M5

TC-BT 系列一体式多用攻丝夹头 TC-BT SERIES-ONE-PIECE MULTI-PURPOSE TAPPING CHUCK







P.J29

规格 / 型号 Model	夹持范围 Capacity	丝锥柄径范围 tapping holder diameter	连接锥度 Jacobs Taper Shank	D	D1	L	L1	L2	L3	L4	M
TC13-BT40	M2-M13 1/8"-1/2"	ϕ2.5-ϕ10	BT40	48	63	153.4	88	61	27	65.4	M16*2.0P
TC16-BT40	M3-M16 1/8"-5/8"	ϕ3-ϕ12.5	BT40	54	63	153.4	88	61	27	65.4	M16*2.0P
TC20-BT40	M5-M20 3/16"-3/4"	ϕ4.5-ϕ15	BT40	54	63	153.4	88	61	27	65.4	M16*2.0P

特点：

新品特色：

◎精度高、稳定性好

◎夹持范围可自由调节

◎强扭力刚性攻丝

◎快换、装卸方便

◎适用范围广：攻丝机床、钻床、高速车床、CNC 加工中心及其它可反转的主轴

◎丝锥夹持方法：转动夹头前套，使夹爪伸缩到比丝锥柄径稍大一点，装上丝锥，然后转动双头螺丝，通过观察孔观察，使双头螺丝上的两个偏心螺母轻轻夹住丝锥的四方，接着转动前套，夹牢丝锥并用配套扳手夹紧，最后用六角扳手锁紧双头螺丝，夹紧丝锥四方。

Features:

Product features:

◎ The high precision and good stability.

◎ The clamping range can be adjusted freely.

◎ Strong torsion rigidity tapping.

◎ Quick change, easy loading and unloading.

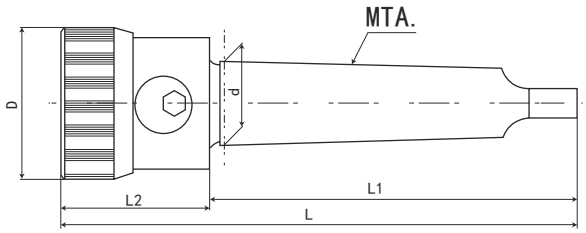
◎ Applicable range: tapping machine, drilling machine, high speed lathe, CNC machining center and other main shaft can be reversed.

◎ Tap clamping method: rotating chuck front sleeve, the clamp claws stretch to than taper shank diameter slightly larger, mounted on the tap, then turning the double screw, through the observation hole, observation, the double headed screws on the two eccentric clamp nut lightly tap the Quarted, and then rotate the front sleeve, clip on wire cone and the matching spanner clamping, and finally with the six angle wrench locking stud bolts, clamping tap square.

攻丝夹头系列 TAPPING CHUCK SERIES

TC-MTA 系列一体式多用攻丝夹头 TC-MTA SERIES-ONE-PIECE MULTI-PURPOSE TAPPING CHUCK

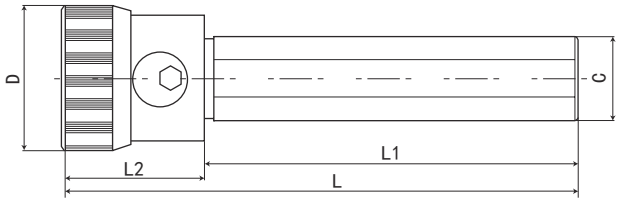




规格 / 型号 Model	夹持范围 Capacity	丝锥柄径范围 tapping holder diameter	连接锥度 Jacobs Taper Shank	D	L	L1	L2
TC13-MTA2	M2-M13 1/8"-1/2"	ϕ2.5-ϕ10	MT2	48	154	84	70
TC16-MTA2	M2-M13 1/8"-1/2"	ϕ2.5-ϕ10	MT2	48	154	84	70
TC16-MTA3	M3-M16 1/8"-5/8"	ϕ3-ϕ12.5	MT3	54	169	99	70
TC16-MTA4	M3-M16 1/8"-5/8"	ϕ3-ϕ12.5	MT4	54	194	124	70
TC20-MTA3	M5-M20 3/16"-3/4"	ϕ4.5-ϕ15	MT3	54	169	99	70
TC20-MTA4	M5-M20 3/16"-3/4"	ϕ4.5-ϕ15	MT4	54	194	124	70
TC24-MTA3	M12-M24 1/2"-15/16"	ϕ8.5-ϕ18	MT3	60	179	99	80
TC24-MTA4	M12-M24 1/2"-15/16"	ϕ8.5-ϕ18	MT4	60	204	124	80

TC-C 直柄系列一体式多用攻丝夹头 TC-C SERIES-ONE-PIECE MULTI-PURPOSE TAPPING CHUCK





规格 / 型号 Model	夹持范围 Capacity	丝锥柄径范围 tapping holder diameter	直柄柄径 Straight shank diameter	D	C	L	L1	L2
TC13-C20	M2-M13 1/8"-1/2"	ϕ2.5-ϕ10	C20	48	20	150	80	70
TC16-C20	M3-M16 1/8"-5/8"	ϕ3-ϕ12.5	C20	54	20	150	80	70
TC20-C20	M5-M20 3/16"-3/4"	ϕ4.5-ϕ15	C20	54	20	150	80	70
TC13-C25	M2-M13 1/8"-1/2"	ϕ2.5-ϕ10	C25	48	25	150	80	70
TC16-C25	M3-M16 1/8"-5/8"	ϕ3-ϕ12.5	C25	54	25	150	80	70
TC20-C25	M5-M20 3/16"-3/4"	ϕ4.5-ϕ15	C25	54	25	150	80	70

产品性能：

产品具有夹持范围可调，夹持范围内的英制、美制、公制及特殊尺寸的非标丝锥都可使用；本品整体使用优质优质材料，经整体淬火，具有高精度，强扭力，高耐用等特色。

适用范围：

常用于“西湖牌”等台式攻丝机以及气动、电动等各类攻丝机，并可用于车床、铣床、CNC 等刚性攻丝。

Product performance:

Product performance:the product has a clamping range adjustable, non standard screw tap clamping range of British, American, metric and special size can use; this product is overall the use of high-quality materials, the overall quenching, with high precision, high torque, high resistance to use and other characteristics.

The Applicable Range:

Scope of application: used in the " West Lake card"bench tapping machine and pneumatic, electric and other kinds of tapping machine, lathe, milling machine, and can be used for CNC rigid tapping.

DT33 莫氏钻攻快换套装 DT33 MORSE DRILL TAPPING QUICK CHANGE KIT



DT33 莫氏钻攻快换套装

·旋臂攻牙本体 ×1pc
·JTA6+13H-JT6×1set
·钻头套筒 ×2pcs
·丝攻筒夹 ×6pcs
·L 型调整扳手 ×1pc

规格 / 型号 Model	组合系统 - 主轴柄规格	标准尺寸	重量 KGS
DT33-MT3	DT33-MT3	JTA6+13H-JT6	11.3
DT33-MT4	DT33-MT4	M8,M10,M12,M16,M20,M24	11.7
DT33-MT5	DT33-MT5	MT2，MT3	12.6

丝攻筒夹

规格 / 型号 Model	丝锥夹头	重量 KGS
DT33	M6.M8.M10.M12.M14.M16.M18.M20.M22.M24.M27.M30.M32.M33.M34.M36.W1/4.W5/16.W3/8.W7/16.W1/2.W5/8.W3/4.W7/8.W1.W1-1/8.W1-1/14.PT1/8.PT1/4.PT3/8.PT1/2.PT3/4.PT1	0.6

丝攻筒夹规格表

JIS	ϕd	□
DT33 M06 W1/4	6	4.5
DT33 M08	6.2	5
DT33 M10 W3/8	7	5.5
DT33 M12	8.5	6.5
DT33 M14	10.5	8
DT33 M16	12.5	10
DT33 M18 W3/4 PT3/8	14	11
DT33 M20	15	12
DT33 M22 W7/8	17	13
DT33 M24	19	15
DT33 M27 W1 PT5/8	20	15
DT33 M30 PT3/4	23	17
DT33 M32 PY7/8 W1-1/4	24	19
DT33 M33	25	19
DT33 M34 PT1 W1-3/8	26	21
DT33 M36 PT1-1/8	28	21
DT33 W5/16	6.1	5
DT33 W7/16 PT1/8	8	6
DT33 W1/2	9	7
DT33 W5/8	12	9
DT33 W1-1/8	22	17
DT33 PT1/4	11	9
DT33 PT1/2	18	14

ISO	ϕd	□
DT33 M08	8	6.3
DT33 M10	10	8
DT33 M12	9	7.1
DT33 M14	11.2	9
DT33 M16	12.5	10
DT33 M18 M20	14	11.2
DT33 M22	16	12.5
DT33 M24	18	14
DT33 M27 M30	20	16
DT33 M33	22.4	18
DT33 M36	25	20

DIN371	ϕd	□
DT33 M08	8	6.2
DT33 M10	10	8

DIN376	ϕd	□
DT33 M08	6	4.9
DT33 M10	7	5.5
DT33 M12	9	7
DT33 M14	11	9
DT33 M16	12	9
DT33 M18	14	11
DT33 M20	16	12
DT33 M22 M24	18	14.5
DT33 M27	20	16
DT33 M30	22	18
DT33 M33	25	20
DT33 M36	28	22



回转顶尖系列
LIVE CENTER SERIES

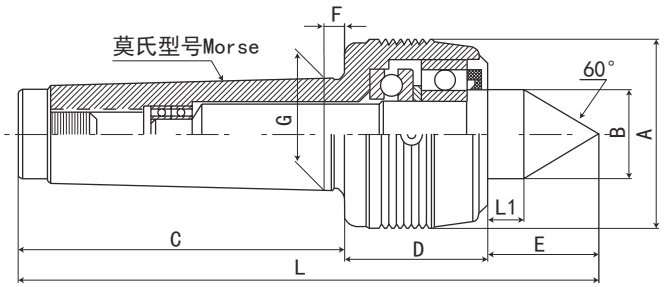


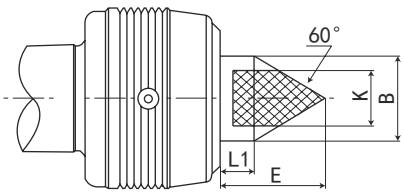
回转顶尖系列
LIVE CENTER SERIES

中型回转顶尖（注油式） MEDIUM-DUTY LIVE CENTER（OILING TYPE）







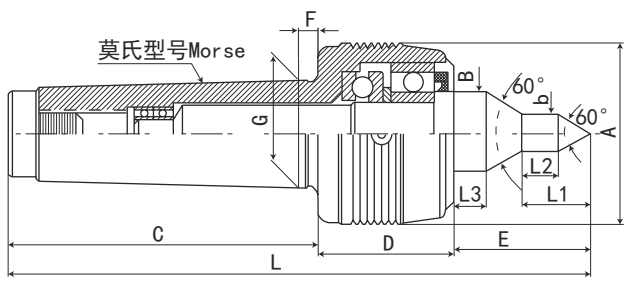


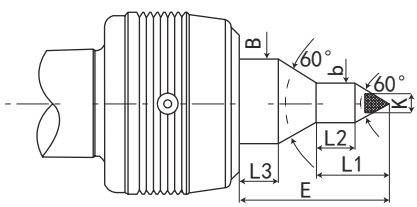
莫氏锥号 Morse	规格 Type	L	L1	A	B	C	D	E	F	G	K
MT1	ZX-MT1-60°	131	9	41	19	57	48	26	5	12.065	/
MT1	ZXHJ-MT1-F108-60°	131	9	41	19	57	48	26	5	12.065	8
MT2	ZX-MT2-60°	151	10	48	22	69	53	29	5	17.78	/
MT2	ZXHJ-MT2-F108-60°	151	10	48	22	69	53	29	5	17.78	8
MT3	ZX-MT3-60°	173	12	53	27	86	52	35	5	23.825	/
MT3	ZXHJ-MT3-F112-60°	173	12	53	27	86	52	35	5	23.825	12
MT4	ZX-MT4-60°	205	18	63	31	109	51	45	6	31.267	/
MT4	ZXHJ-MT4-F115-60°	205	18	63	31	109	51	45	6	31.267	15
MT5	ZX-MT5-60°	243	20	78	35	136	57	50	6	44.399	/
MT5	ZXHJ-MT5-F118-60°	243	20	78	35	136	57	50	6	44.399	18
MT6	ZX-MT6-60°	353	25	120	57	190	88	75	8	63.348	/
MT6	ZXHJ-MT6-F124-60°	353	25	120	57	190	88	75	8	63.348	24

A 中型细物回转顶尖（注油式） A MEDIUM-DUTY FOR SLIM LIVE CENTER（OILING TYPE）









莫氏锥号 Morse	规格 Type	L	L1	L2	L3	A	B	b	C	D	E	F	G	K
MT3	ZXXW-MT3-D10- 双 60°	186	21	12	12	53	27	10	86	52	47	5	23.825	/
MT3	ZXXWHJ-MT3-D12-F108- 双 60°	186	21	12	12	53	27	10	86	52	47	5	23.825	8
MT4	ZXXW-MT4-D12- 双 60°	216	24.5	14	15	63	31	12	109	51	56	6	31.267	/
MT4	ZXXWHJ-MT4-D12-F108- 双 60°	216	24.5	14	15	63	31	12	109	51	56	6	31.267	8
MT5	ZXXW-MT5-D16- 双 60°	255	30	16	16	78	35	16	136	57	62	6	44.399	/
MT5	ZXXWHJ-MT5-D16-F112- 双 60°	255	30	16	16	78	35	16	136	57	62	6	44.399	12

特点：

注：
◎该顶针采用深沟球轴承、推力球轴承组合。
◎适用于 CNC 车床中速中负荷加工。
◎心轴使用合金工具钢，热处理后硬度 HRC55° -60°具备高钢性和高耐磨度。
◎前端有防尘密封，防止切削液和灰尘进入轴承，延长了顶尖使用寿命。

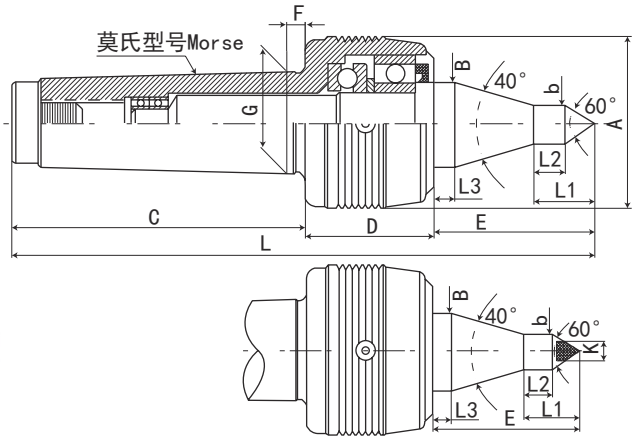
Features:

◎ The center adopts the combination of the deep groove ball bearing and the ball thrust bearing.
◎ It is applicable to the medium speed precise processing of medium-load for CNC lathes.
◎ The center is made of alloy tool steel and its hardness after being heat treated could reach HRC55° -60° .It is thus has high steel.
◎ the anti-dust seal on the front can prevent the cutting fluid and dust from entering into the bearings so as to prolong its service life.

回转顶尖系列 LIVE CENTER SERIES

B 中型细物回转顶尖（注油式） B MEDIUM-DUTY FOR SLIM LIVE CENTER（OILING TYPE）

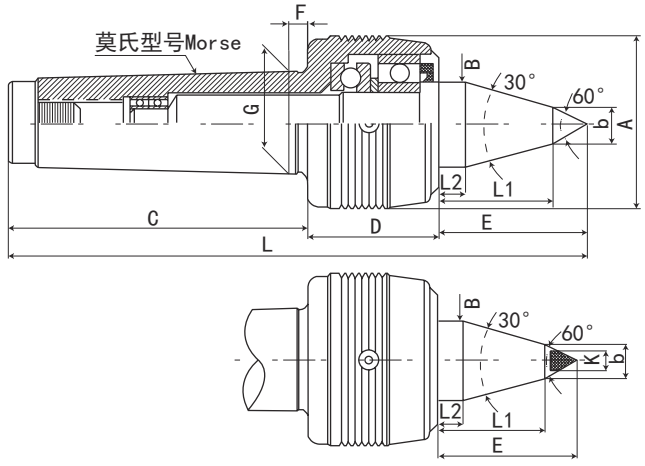




莫氏锥号 Morse	规格 Type	L	L1	L2	L3	A	B	b	C	D	E	F	G	K
MT3	ZXXW-MT3-D10-60° - 双尖	193	21	12	12	53	27	10	86	52	55	5	23.825	/
MT3	ZXXWHJ-MT3-D12-F108-60° - 双尖	193	21	12	12	53	27	10	86	52	55	5	23.825	8
MT4	ZXXW-MT4-D12-60° - 双尖	225	24.5	14	15	63	31	12	109	51	65	6	31.267	/
MT4	ZXXWHJ-MT4-D12-F108-60° - 双尖	225	24.5	14	15	63	31	12	109	51	65	6	31.267	8
MT5	ZXXW-MT5-D16-60° - 双尖	265	30	16	16	78	35	16	136	57	72	6	44.399	/
MT5	ZXXWHJ-MT5-D16-F112-60° - 双尖	265	30	16	16	78	35	16	136	57	72	6	44.399	12

C 中型细物回转顶尖（注油式） C MEDIUM-DUTY FOR SLIM LIVE CENTER（OILING TYPE）





莫氏锥号 Morse	规格 Type	L	L1	L2	A	B	b	C	D	E	F	G	K
MT3	ZXXW-MT3-60° - 双尖	189	42	12	53	27	12	86	52	51	5	23.825	/
MT3	ZXXWHJ-MT3-F108-60° - 双尖	189	42	12	53	27	12	86	52	51	5	23.825	8
MT4	ZXXW-MT4-60° - 双尖	221	51	15	63	31	12	109	51	61	6	31.267	/
MT4	ZXXWHJ-MT4-F108-60° - 双尖	221	51	15	63	31	12	109	51	61	6	31.267	8
MT5	ZXXW-MT5-60° - 双尖	258	51	16	78	35	16	136	57	65	6	44.399	/
MT5	ZXXWHJ-MT5-F112-60° - 双尖	258	51	16	78	35	16	136	57	65	6	44.399	12

特点：

注：

◎该顶针采用深沟球轴承、推力球轴承组合。

◎适用于 CNC 车床中速中负荷加工。

◎心轴使用合金工具钢，热处理后硬度 HRC55° -60°具备高钢性和高耐磨度。

◎前端有防尘密封，防止切削液和灰尘进入轴承，延长了顶尖使用寿命。

Features:

◎ The center adopts the combination of the deep groove ball bearing and the ball thrust bearing.

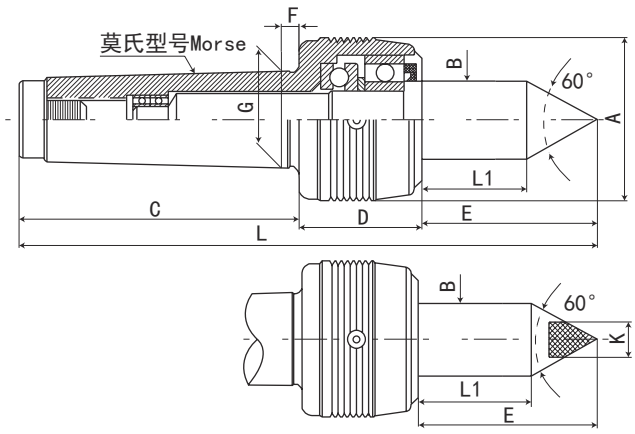
◎ It is applicable to the medium speed precise processing of medium-load for CNC lathes.

◎ The center is made of alloy tool steel and its hardness after being heat treated could reach HRC55° -60° .It is thus has high steel.

◎ the anti-dust seal on the front can prevent the cutting fluid and dust from entering into the bearings so as to prolong its service life.

中型加长回转顶尖（注油式） MEDIUM-DUTY EXTENSION LIVE CENTER（OILING TYPE）

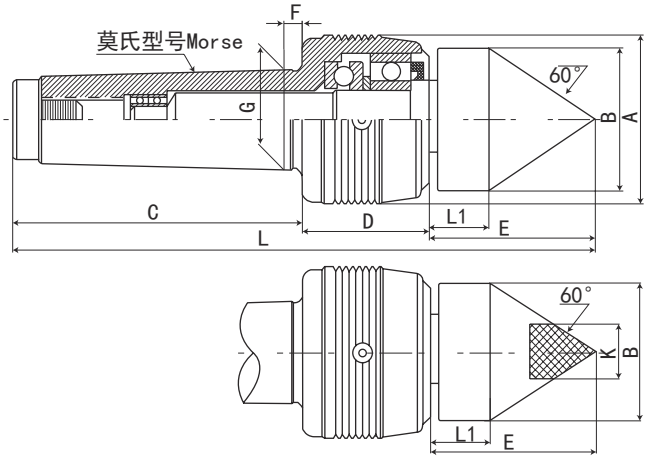




莫氏锥号 Morse	规格 Type	L	L1	A	B	C	D	E	F	G	K
MT3	ZXJC-MT3-60° -L70	208	47	53	27	86	52	70	5	23.825	/
MT3	ZXJCHJ-MT3-F112-60° -L70	208	47	53	27	86	52	70	5	23.825	12
MT4	ZXJC-MT4-60° -L80	240	53	63	31	109	51	80	6	31.267	/
MT4	ZXJCHJ-MT4-F115-60° -L80	240	53	63	31	109	51	80	6	31.267	15
MT5	ZXJC-MT5-60° -L100	293	70	78	35	136	57	100	6	44.399	/
MT5	ZXJCHJ-MT5-F118-60° -L100	293	70	78	35	136	57	100	6	44.399	18

中型大头回转顶尖（注油式） MEDIUM-DUTY OVERSIZED LIVE CENTER（OILING TYPE）





莫氏锥号 Morse	规格 Type	L	L1	A	B	C	D	E	F	G	K
MT3	ZXDT-MT3-D49-60°	203	22	53	49	86	52	65	5	23.825	/
MT3	ZXDTHJ-MT3-D49-F130-60°	203	22	53	49	86	52	65	5	23.825	30
MT4	ZXDT-MT4-D49-60°	225	22	63	49	109	51	65	6	31.267	/
MT4	ZXDTHJ-MT4-D49-F130-60°	225	22	63	49	109	51	65	6	31.267	30
MT5	ZXDT-MT5-D59-60°	266	22	78	59	136	57	73	6	44.399	/
MT5	ZXDTHJ-MT5-D59-F136-60°	266	22	78	59	136	57	73	6	44.399	36

特点：

注：

◎该顶针采用深沟球轴承、推力球轴承组合。

◎适用于 CNC 车床中速中负荷加工。

◎心轴使用合金工具钢，热处理后硬度 HRC55° -60°具备高钢性和高耐磨度。

◎前端有防尘密封，防止切削液和灰尘进入轴承，延长了顶尖使用寿命。

Features:

◎ The center adopts the combination of the deep groove ball bearing and the ball thrust bearing.

◎ It is applicable to the medium speed precise processing of medium-load for CNC lathes.

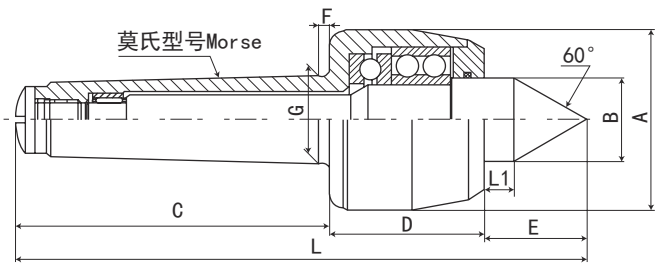
◎ The center is made of alloy tool steel and its hardness after being heat treated could reach HRC55° -60° .It is thus has high steel.

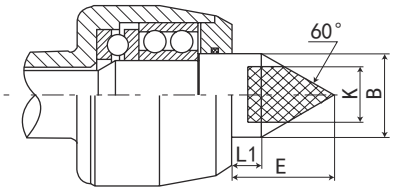
◎ the anti-dust seal on the front can prevent the cutting fluid and dust from entering into the bearings so as to prolong its service life.

回转顶尖系列 LIVE CENTER SERIES

高速回转顶尖 HIGH-SPEED LIVE CENTER



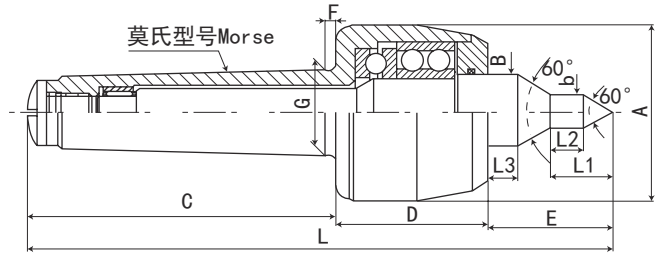




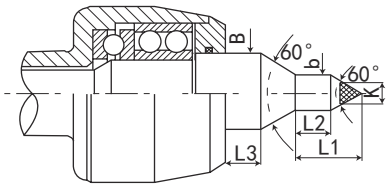
莫氏锥号 Morse	规格 Type	L	L1	A	B	C	D	E	F	G	K
MT3	GS-MT3-60°	170	18	68	26	86	45	39	5	23.825	/
MT3	GSHJ-MT3-F112-60°	170	18	68	26	86	45	39	5	23.825	12
MT4	GS-MT4-60°	204	18	68	31	109	50	45	6	31.267	/
MT4	GSHJ-MT4-F115-60°	204	18	68	31	109	50	45	6	31.267	15
MT5	GS-MT5-60°	251	20	78	35	136	65	50	6	44.399	/
MT5	GSHJ-MT5-F118-60°	251	20	78	35	136	65	50	6	44.399	18

A 高速细物回转顶尖 A HIGH-SPEED FOR SLIM LIVE CENTER









莫氏锥号 Morse	规格 Type	L	L1	L2	L3	A	B	b	C	D	E	F	G	K
MT3	GSXW-MT3-D10- 双 60°	181	21	12	15	48	26	10	86	45	50	5	23.825	/
MT3	GSXWHJ-MT3-D12-F106- 双 60°	181	21	12	15	48	26	12	86	45	50	5	23.825	6
MT4	GSXW-MT4-D12- 双 60°	215	24.5	14	15	68	31	12	109	50	56	6	31.267	/
MT4	GSXWHJ-MT4-D12-F108- 双 60°	215	24.5	14	15	68	31	12	109	50	56	6	31.267	8
MT5	GSXW-MT5-D16- 双 60°	263	30	16	16	78	35	16	136	65	62	6	44.399	/
MT5	GSXWHJ-MT5-D16-F112- 双 60°	263	30	16	16	78	35	16	136	65	62	6	44.399	12

特点：

注：

◎该顶针采用双列角接触轴承，推力球轴承和滚针轴承组合

◎适用于 CNC 车床中高速中负荷精密加工。

◎心轴加长，能有效提高切削性能，减少振动影响

◎心轴使用合金工具钢，热处理后硬度 HRC60° ±2°，具备高钢性和高耐磨度。

◎前端有防尘密封，防止切削液和灰尘进入轴承，延长了顶尖使用寿命

Features:

◎ The center adopts the combination of the double row angular contact ball bearings,thrust ball bearings and needle roller bearings.

◎ It is applicable to the medium high speed precise processing of medium-load for CNC lathes.

◎ The prolonged mandrel can effectively improve the cutting performance and reduce vibration.

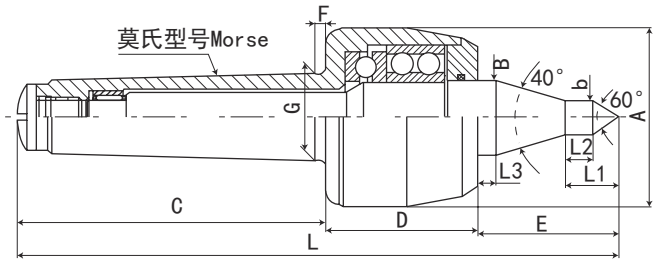
◎ The center is made of alloy tool steel and its hardness after being heat treated could reach HRC60° ±2° .It is thus has high steel performance and high wear resistance.

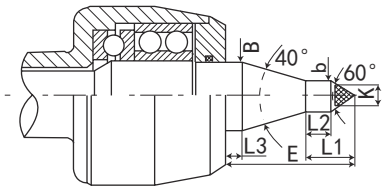
◎ The anti-dust seal on the front can prevent the cutting fluid and dust from entering into the bearings so as to prolong its service life.

B 高速细物回转顶尖 B HIGH-SPEED FOR SLIM LIVE CENTER







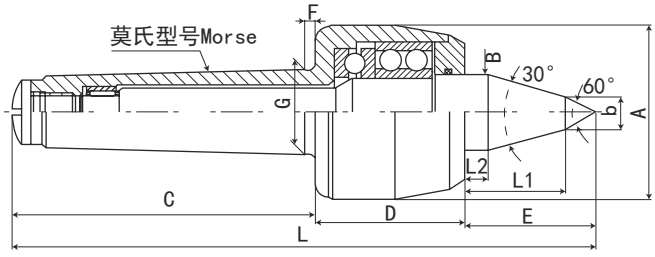


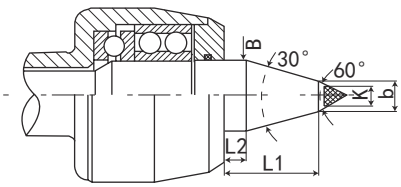
莫氏锥号 Morse	规格 Type	L	L1	L2	L3	A	B	b	C	D	E	F	G	K
MT3	GSXW-MT3-D10-60° - 双尖	186	21	12	15	48	26	10	86	45	55	5	23.825	/
MT3	GSXWHJ-MT3-D12-F106-60° - 双尖	186	21	12	15	48	26	12	86	45	55	5	23.825	6
MT4	GSXW-MT4-D12-60° - 双尖	225	24.5	14	15	68	31	12	109	50	66	6	31.267	/
MT4	GSXWHJ-MT4-D12-F108-60° - 双尖	225	24.5	14	15	68	31	12	109	50	66	6	31.267	8
MT5	GSXW-MT5-D16-60° - 双尖	273	30	16	16	78	35	16	136	65	72	6	44.399	/
MT5	GSXWHJ-MT5-D16-F112-60° - 双尖	273	30	16	16	78	35	16	136	65	72	6	44.399	12

C 高速细物回转顶尖 C HIGH-SPEED FOR SLIM LIVE CENTER









莫氏锥号 Morse	规格 Type	L	L1	L2	A	B	b	C	D	E	F	G	K
MT3	GSXW-MT3-60° - 双尖	185	46	15	48	26	10	86	45	54	5	23.825	/
MT3	GSXWHJ-MT3-F106-60° - 双尖	185	46	15	48	26	10	86	45	54	5	23.825	6
MT4	GSXW-MT4-60° - 双尖	220	51	15	68	31	12	109	50	61	6	31.267	/
MT4	GSXWHJ-MT4-F108-60° - 双尖	220	51	15	68	31	12	109	50	61	6	31.267	8
MT5	GSXW-MT5-60° - 双尖	266	51	16	78	35	16	136	65	65	6	44.399	/
MT5	GSXWHJ-MT5-F112-60° - 双尖	266	51	16	78	35	16	136	65	65	6	44.399	12

特点：

注：

◎该顶针采用双列角接触轴承，推力球轴承和滚针轴承组合

◎适用于 CNC 车床中高速中负荷精密加工。

◎心轴加长，能有效提高切削性能，减少振动影响

◎心轴使用合金工具钢，热处理后硬度 HRC60° ±2°，具备高钢性和高耐磨度。

◎前端有防尘密封，防止切削液和灰尘进入轴承，延长了顶尖使用寿命

Features:

◎ The center adopts the combination of the double row angular contact ball bearings,thrust ball bearings and needle roller bearings.

◎ It is applicable to the medium high speed precise processing of medium-load for CNC lathes.

◎ The prolonged mandrel can effectively improve the cutting performance and reduce vibration.

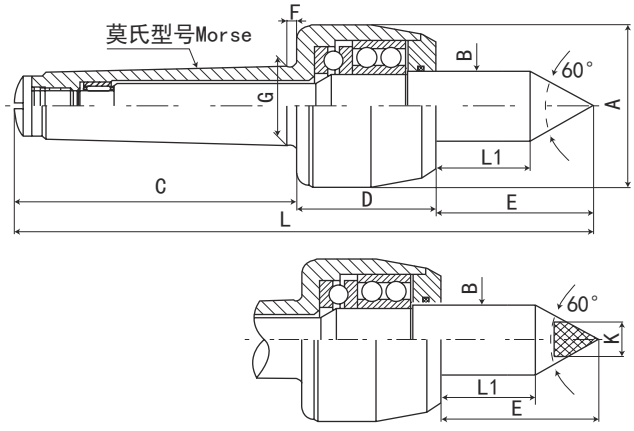
◎ The center is made of alloy tool steel and its hardness after being heat treated could reach HRC60° ±2° .It is thus has high steel performance and high wear resistance.

◎ The anti-dust seal on the front can prevent the cutting fluid and dust from entering into the bearings so as to prolong its service life.

回转顶尖系列 LIVE CENTER SERIES

高速加长回转顶尖 HIGH-SPEED EXTENSION LIVE CENTER



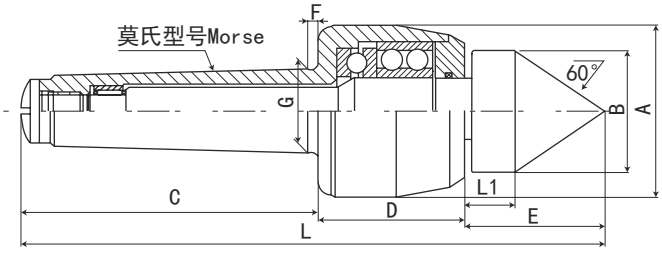


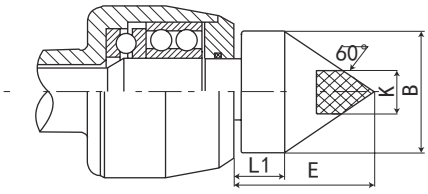
莫氏锥号 Morse	规格 Type	L	L1	A	B	C	D	E	F	G	K
MT3	GSJC-MT3-60° -L70	201	47	48	26	86	45	70	5	23.825	/
MT3	GSJCHJ-MT3-F112-60° -L70	201	47	48	26	86	45	70	5	23.825	12
MT4	GSJC-MT4-60° -L80	239	53	68	31	109	50	80	6	31.267	/
MT4	GSJCHJ-MT4-F115-60° -L80	239	53	68	31	109	50	80	6	31.267	15
MT5	GSJC-MT5-60° -L100	301	70	78	35	136	65	100	6	44.399	/
MT5	GSJCHJ-MT5-F118-60° -L100	301	70	78	35	136	65	100	6	44.399	18

高速大头回转顶尖 HIGH-SPEED OVERSIZED LIVE CENTER









莫氏锥号 Morse	规格 Type	L	L1	A	B	C	D	E	F	G	K
MT3	GSDT-MT3-D49-60°	199	26	48	49	86	45	68	5	23.825	/
MT3	GSDTHJ-MT3-D49-F130-60°	199	26	48	49	86	45	68	5	23.825	30
MT4	GSDT-MT4-D49-60°	227	26	68	49	109	50	68	6	31.267	/
MT4	GSDTHJ-MT4-D49-F130-60°	227	26	68	49	109	50	68	6	31.267	30
MT5	GSDT-MT5-D59-60°	281	29	78	59	136	65	80	6	44.399	/
MT5	GSDTHJ-MT5-D59-F136-60°	281	29	78	59	136	65	80	6	44.399	36

特点：

注：

◎该顶针采用双列角接触轴承，推力球轴承和滚针轴承组合

◎适用于 CNC 车床中高速中负荷精密加工。

◎心轴加长，能有效提高切削性能，减少振动影响

◎心轴使用合金工具钢，热处理后硬度 HRC60° ±2°，具备高钢性和高耐磨度。

◎前端有防尘密封，防止切削液和灰尘进入轴承，延长了顶尖使用寿命

Features:

◎ The center adopts the combination of the double row angular contact ball bearings,thrust ball bearings and needle roller bearings.

◎ It is applicable to the medium high speed precise processing of medium-load for CNC lathes.

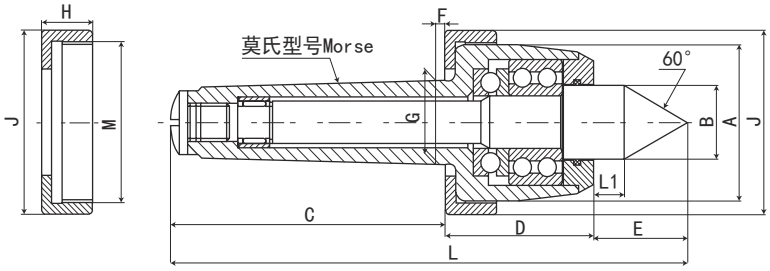
◎ The prolonged mandrel can effectively improve the cutting performance and reduce vibration.

◎ The center is made of alloy tool steel and its hardness after being heat treated could reach HRC60° ±2° .It is thus has high steel performance and high wear resistance.

◎ The anti-dust seal on the front can prevent the cutting fluid and dust from entering into the bearings so as to prolong its service life.

A 带螺帽压出高速回转顶尖 A HIGH-SPEED LIVE CENTER WITH REMOVABLE NUT

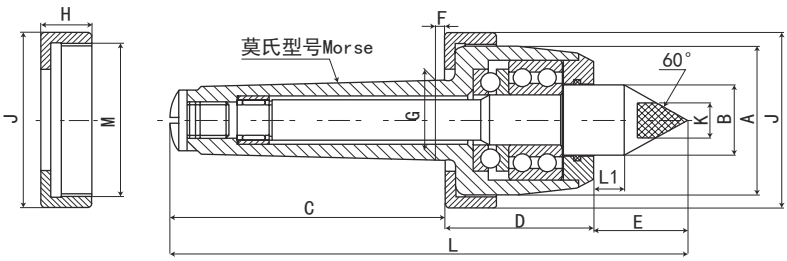




莫氏型号 Morse	规格 / 型号 Model	L	L1	A	B	C	D	E	F	G	H	M	J
MT3	LMGS-MT3-60°	170	18	48	26	86	45	39	5	23.825	15	M60*1.5P	58
MT4	LMGS-MT4-60°	204	18	68	31	109	50	45	6.5	31.267	20	M60*2.0P	78
MT5	LMGS-MT5-60°	251	20	78	35	136	65	50	6.5	44.399	20	M68*2.0P	88

B 带螺帽压出高速回转顶尖 B HIGH-SPEED LIVE CENTER WITH REMOVABLE NUT





莫氏型号 Morse	规格 / 型号 Model	L	L1	A	B	C	D	E	F	G	K	H	M	J
MT3	LMGSHJ-MT3-F112-60°	170	18	48	26	86	45	39	5	23.825	12	15	M60*1.5P	58
MT4	LMGSHJ-MT4-F115-60°	204	18	68	31	109	50	45	6.5	31.267	15	20	M60*2.0P	78
MT5	LMGSHJ-MT5-F118-60°	251	20	78	35	136	65	50	6.5	44.399	18	20	M68*2.0P	88

特点：

◎该顶针采用双列深沟球轴承，推力球轴承和滚针轴承

◎心轴加长，能有效提高切削性能，减少振动影响

◎心轴使用合金工具钢，热处理后硬度 HRC60° ±2°，具备高钢性和高耐磨度

◎主体配有拆卸螺母，能从前端压出椎体，方便任何场合的使用和拆卸

◎前端有防尘密封，防止切削液和灰尘进入轴承，延长了顶尖使用寿命

Features:

◎ The center adopts the combination of the double row deep groove ball bearings,thrust ball bearings and needle roller bearings.

◎ The prolonged mandrel can effectively improve the cutting performance and reduce vibration.

◎ The center is made of alloy tool steel and its hardness after being heat treated could reach HRC60° ±2° .It is thus has high steel performance and high wear resistance.

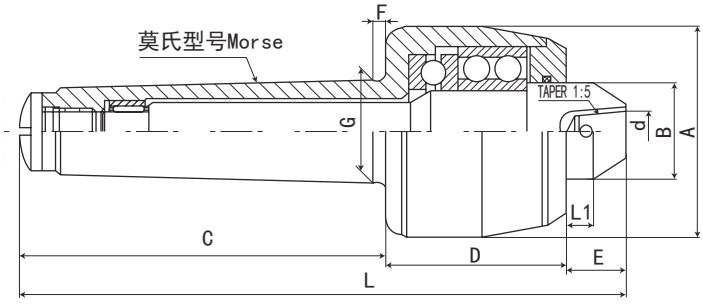
◎ the main boby is equipped with a removable nut which can be pressed out from the front so as to be easily used and disassembled in any situation.

ti-dust seal on the front can prevent the cutting fluid and dust from entering into the bearings so as to prolong its service life.

回转顶尖系列 LIVE CENTER SERIES

高速回转顶尖（可换式） HIGH-SPEED LIVE CENTER（CAN CHANGE）



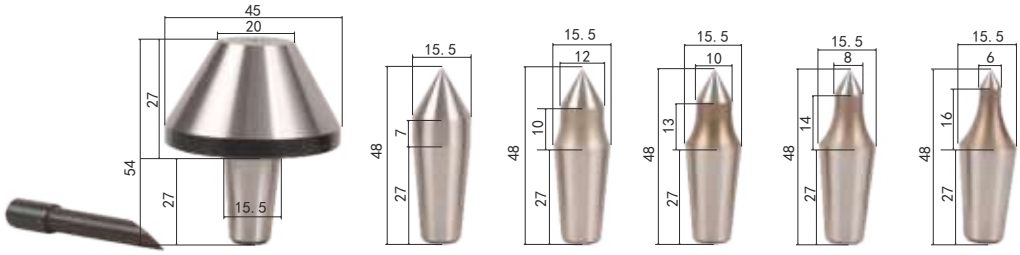


莫氏型号 Morse	规格 / 型号 Model	L	L1	A	B	d	C	D	E	F	G
MT3	GS-KHS-MT3	159	15	48	30	12.5	86	45	28	5	23.825
MT4	GS-KHS-MT4	187	15	68	32	12.5/15.5	109	50	28	6.5	31.267
MT5	GS-KHS-MT5	233	16	78	40	15.5	136	65	32	6.5	44.399

MT3/MT4



MT4/MT5



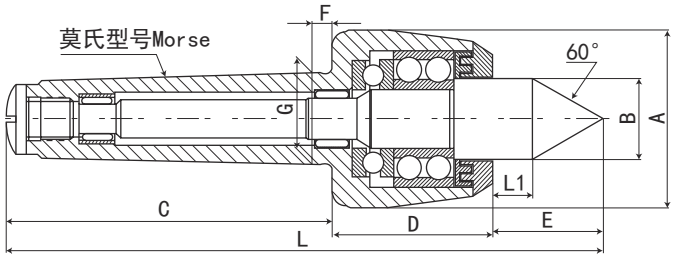


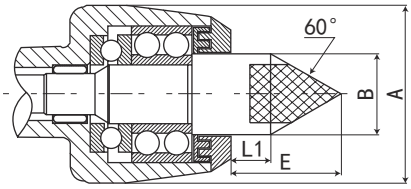


高精密回转顶尖 HIGH-PRECISION MEDIUM LIVE CENTER







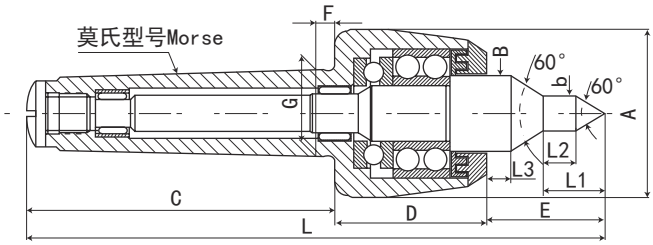


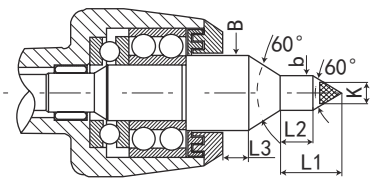
莫氏锥号 Morse	规格 Type	L	L1	A	B	C	D	E	F	G	K
MT3	GJM-MT3-60°	181	14	53	30	86	55	40	5	23.825	/
MT3	GJMHJ-MT3-F112-60°	181	14	53	30	86	55	40	5	23.825	12
MT4	GJM-MT4-60°	213	17	68	32	109	57	47	6	31.267	/
MT4	GJMHJ-MT4-F115-60°	213	17	68	32	109	57	47	6	31.267	15
MT5	GJM-MT5-60°	260	18	83	40	136	71	53	6	44.399	/
MT5	GJMHJ-MT5-F118-60°	260	18	83	40	136	71	53	6	44.399	18
MT6	GJM-MT6-60°	398	21	128	68	190	110	80	8	63.348	/
MT6	GJMHJ-MT6-F124-60°	398	21	128	68	190	110	80	8	63.348	24

A 高精密细物回转顶尖 A HIGH-PRECISION MEDIUM FOR SLIM LIVE CENTER









莫氏锥号 Morse	规格 Type	L	L1	L2	L3	A	B	b	C	D	E	F	G	K
MT3	GJMXW-MT3-D10- 双 60°	193	21	12	14	53	30	10	86	55	52	5	23.825	/
MT3	GJMXWHJ-MT3-D10-F106- 双 60°	193	21	12	14	53	30	10	86	55	52	5	23.825	6
MT4	GJMXW-MT4-D12- 双 60°	224	24.5	14	17	68	32	12	109	57	58	6	31.267	/
MT4	GJMXWHJ-MT4-D12-F108- 双 60°	224	24.5	14	17	68	32	12	109	57	58	6	31.267	8
MT5	GJMXW-MT5-D16- 双 60°	280	30	16	18	83	40	16	136	72	72	6	44.399	/
MT5	GJMXWHJ-MT5-D16-F112- 双 60°	280	30	16	18	83	40	16	136	72	72	6	44.399	12

特点：

◎该顶针采用配组角接触轴承、推力球轴承和两套滚针轴承组合。

◎适用于 CNC 车床中高速中负荷精密加工，并可替代固定顶尖作磨床精加工。

◎心轴加长至顶尖锥柄最末端，最大限度提高了切削性能，减少振动影响

◎心轴使用合金钢，热处理后硬度 HRC60° ±2°，具备高钢性和高耐磨度。

◎头部有加油孔，可封内部轴承加油保养，从而延长顶尖使用寿命。

◎采用机械非接触式密封，密封效果优良

Features:

◎ The center adopts the combination of the make sets angular contact ball bearings,thrust ball bearings and two pieces needle roller bearings.

◎ It is applicable to the medium-load precise processing at high speed for the CNC lathe and can replace the fixed center in grinder finishing.

◎ The mandrel is extended to the end of the top cone,which maximally improves the cutting performance and reduces vibration.

◎ The center is made of alloy steel and its hardness after being heat treated could reach HRC60° ±2° .It is thus has high steel performance and high wear resistance.

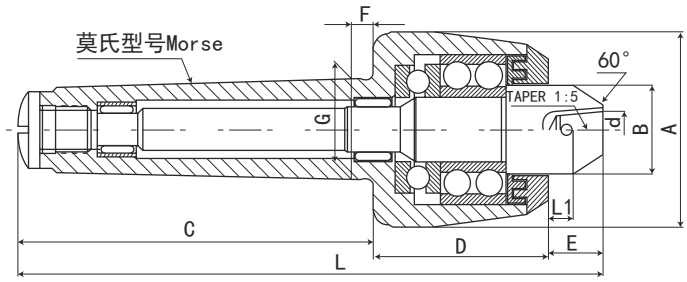
◎ Oil can be added through the oil-adding hole at the head into internal bearings so as to prolong the service life of the center.

◎ It adopts mechanical non-contact sealwhich has excellent sealing performance.

回转顶尖系列 LIVE CENTER SERIES

高精密回转顶尖（可换式） HIGH-PRECISION MEDIUM LIVE CENTER（CAN CHANGE）



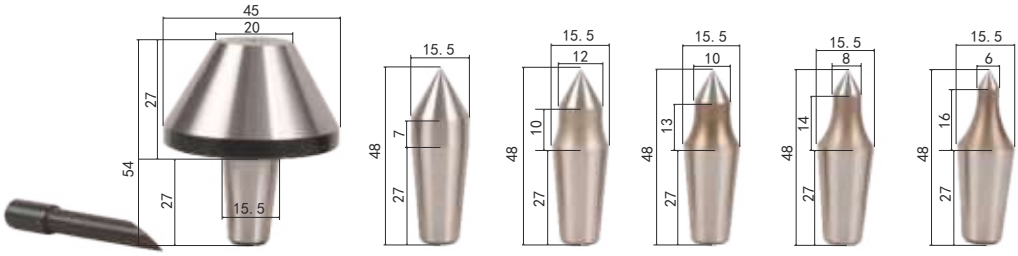


莫氏型号 Morse	规格 / 型号 Model	L	L1	A	B	d	C	D	E	F	G
MT3	GJM-KHS-MT3	169	15	53	30	12.5	86	55	28	5	23.825
MT4	GJM-KHS-MT4	199	15	68	32	12.5/15.5	109	62	28	6.5	31.267
MT5	GJM-KHS-MT5	239	16	83	40	15.5	136	71	32	6.5	44.399

MT3/MT4



MT4/MT5







特点：

注：

◎该顶针采用双列角接触轴承，推力球轴承和滚针轴承组合

◎适用于 CNC 车床中高速中负荷精密加工。

◎心轴加长，能有效提高切削性能，减少振动影响

◎心轴使用合金工具钢，热处理后硬度 HRC60° ±2°，具备高钢性和高耐磨度。

◎前端有防尘密封，防止切削液和灰尘进入轴承，延长了顶尖使用寿命

Features:

◎ The center adopts the combination of the double row angular contact ball bearings,thrust ball bearings and needle roller bearings.

◎ It is applicable to the medium high speed precise processing of medium-load for CNC lathes.

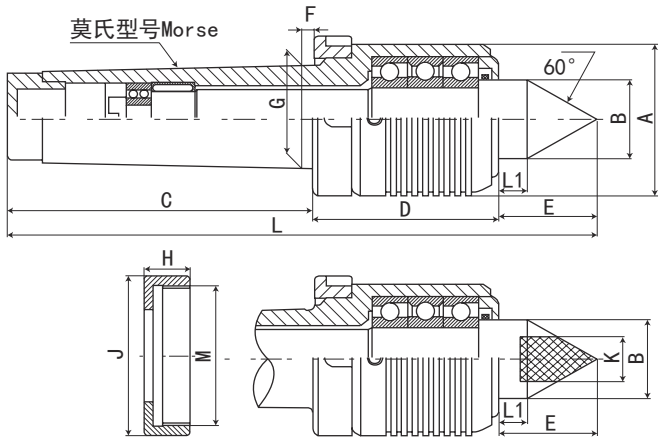
◎ The prolonged mandrel can effectively improve the cutting performance and reduce vibration.

◎ The center is made of alloy tool steel and its hardness after being heat treated could reach HRC60° ±2° .It is thus has high steel performance and high wear resistance.

◎ The anti-dust seal on the front can prevent the cutting fluid and dust from entering into the bearings so as to prolong its service life.

超精密回转顶尖 UITRA PRECISION MEDIUM LIVE CENTER

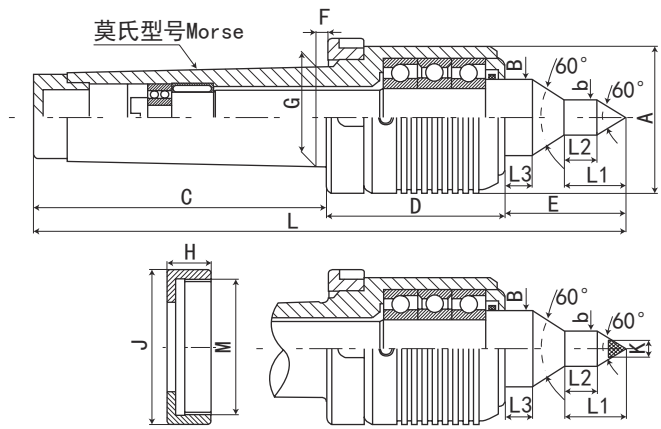




莫氏型号 Morse	规格 / 型号 Model	L	L1	A	B	C	D	E	F	G	K	H	M	J
MT3	CJM-MT3-60°	203	15	68	31.6	86	75	42	5	23.825	/	20	M60*2.0P	78
MT3	CJMHJ-MT3-F112-60°	203	15	68	31.6	86	75	42	5	23.825	12	20	M60*2.0P	78
MT4	CJM-MT4-60°	226	15	68	31.6	109	75	42	6	31.267	/	13	M60*2.0P	78
MT4	CJMHJ-MT4-F115-60°	226	15	68	31.6	109	75	42	6	31.267	15	13	M60*2.0P	78
MT5	CJM-MT5-60°	279	19	78	35	136	91	50	6	44.399	/	16	M60*1.5P	95
MT5	CJMHJ-MT5-F118-60°	279	19	78	35	136	91	50	6	44.399	18	16	M60*1.5P	95

A 超精密细物回转顶尖 A UITRA PRECISION MEDIUM FOR SLIM LIVE CENTER





莫氏型号 Morse	规格 / 型号 Model	L	L1	L2	L3	A	B	b	C	D	E	F	G	K	H	M	J
MT3	CJMXW-MT3-D10- 双 60°	211	21	12	15	68	31.6	10	86	75	50	5	23.825	/	20	M60*2.0P	78
MT3	CJMXWHJ-MT3-D10-F106- 双 60°	211	21	12	15	68	31.6	10	86	75	50	5	23.825	6	20	M60*2.0P	78
MT4	CJMXW-MT4-D12- 双 60°	240	24.5	14	15	68	31.6	12	109	75	56	6	31.267	/	20	M60*2.0P	78
MT4	CJMXWHJ-MT4-D12-F108- 双 60°	240	24.5	14	15	68	31.6	12	109	75	56	6	31.267	8	20	M60*2.0P	78
MT5	CJMXW-MT5-D16- 双 60°	273	30	16	16	68	31.6	16	136	75	62	6	44.399	/	20	M60*2.0P	78
MT5	CJMXWHJ-MT5-D16-F112- 双 60°	273	30	16	16	68	31.6	16	136	75	62	6	44.399	12	20	M60*2.0P	78

特点：

注：

◎该顶针采用双列角接触轴承，推力球轴承和两套滚针轴承组合

◎适用于 CNC 车床中高速中负荷精密加工。

◎心轴加长，能有效提高切削性能，减少振动影响

◎心轴使用合金工具钢，热处理后硬度 HRC60° ±2°，具备高钢性和高耐磨度。

◎前端有防尘密封，防止切削液和灰尘进入轴承，延长了顶尖使用寿命

◎主体配有拆卸螺母，能从前端压出椎体，方便任何场合的使用和拆卸

Features:

◎ The center adopts the combination of the double row angular contact ball bearings,thrust ball bearings and two pieces needle roller bearings.

◎ It is applicable to the medium high speed precise processing of medium-load for CNC lathes.

◎ The prolonged mandrel can effectively improve the cutting performance and reduce vibration.

◎ The center is made of alloy tool steel and its hardness after being heat treated could reach HRC60° ±2° .It is thus has high steel performance and high wear resistance.

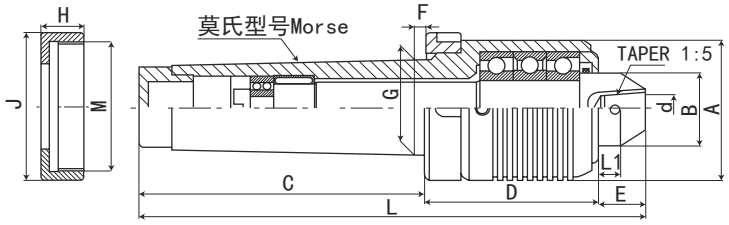
◎ The anti-dust seal on the front can prevent the cutting fluid and dust from entering into the bearings so as to prolong its service life.

◎ the main boby is equipped with a removable nut which can be pressed out from the front so as to be easily used and disassembled in any situation.

回转顶尖系列 LIVE CENTER SERIES

超精密回转顶尖（可换式） UITRA PRECISION MEDIUM LIVE CENTER（CAN CHANGE）



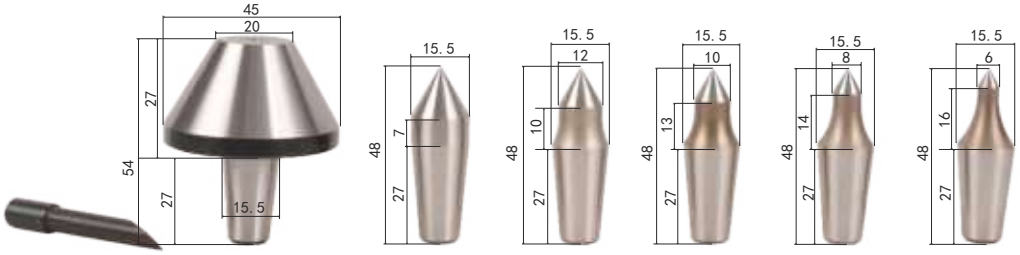


莫氏型号 Morse	规格 / 型号 Model	L	L1	A	B	d	C	D	E	F	G	H	M	J
MT3	CJM-KHS-MT3	193	15	68	31.6	12.5	86	75	32	5	23.825	20	M60*2.0P	78
MT4	CJM-KHS-MT4	216	15	68	31.6	12.5/15.5	109	75	32	6	31.267	20	M60*2.0P	78
MT5	CJM-KHS-MT5	243	15	68	31.6	15.5	136	75	32	6	44.399	20	M60*2.0P	78

MT3/MT4



MT4/MT5







特点：

注：

◎该顶针采用双列角接触轴承，推力球轴承和两套滚针轴承组合

◎适用于 CNC 车床中高速中负荷精密加工。

◎心轴加长，能有效提高切削性能，减少振动影响

◎心轴使用合金工具钢，热处理后硬度 HRC60° ±2°，具备高钢性和高耐磨度。

◎前端有防尘密封，防止切削液和灰尘进入轴承，延长了顶尖使用寿命

◎主体配有拆卸螺母，能从前端压出椎体，方便任何场合的使用和拆卸

Features:

◎ The center adopts the combination of the double row angular contact ball bearings,thrust ball bearings and two pieces needle roller bearings.

◎ It is applicable to the medium high speed precise processing of medium-load for CNC lathes.

◎ The prolonged mandrel can effectively improve the cutting performance and reduce vibration.

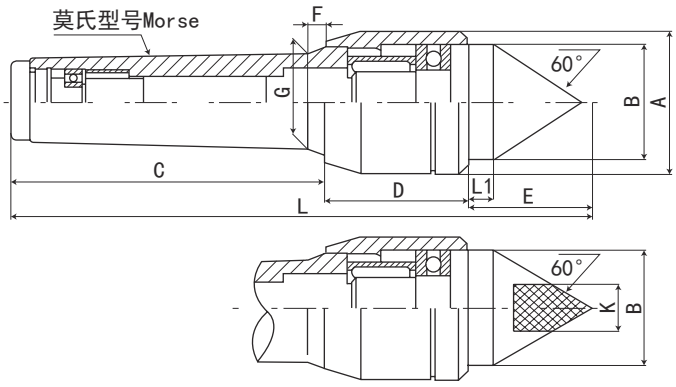
◎ The center is made of alloy tool steel and its hardness after being heat treated could reach HRC60° ±2° .It is thus has high steel performance and high wear resistance.

◎ The anti-dust seal on the front can prevent the cutting fluid and dust from entering into the bearings so as to prolong its service life.

◎ the main boby is equipped with a removable nut which can be pressed out from the front so as to be easily used and disassembled in any situation.

轻型高速回转顶尖 LIGHT HIGH-SPEED LIVE CENTER

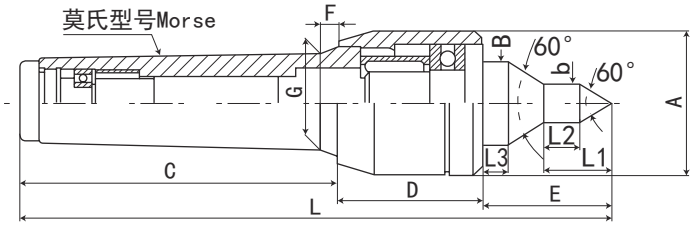


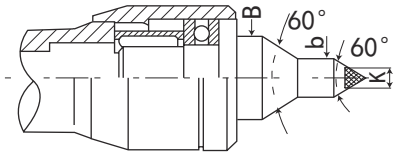


莫氏型号 Morse	规格 / 型号 Model	L	L1	A	B	C	D	E	F	G	K
MT2	QXGS-MT2-60°	132	8	32	23	69	35	28	5	17.780	/
MT2	QXGSHJ-MT2-F108-60°	132	8	32	23	69	35	28	5	17.780	8
MT3	QXGS-MT3-60°	166	7	41	35	86	44	36	5	23.825	/
MT3	QXGSHJ-MT3-F112-60°	166	7	41	35	86	44	36	5	23.825	12
MT4	QXGS-MT4-60°	201	7	47	40	109	51	41	6.5	31.267	/
MT4	QXGSHJ-MT4-F115-60°	201	7	47	40	109	51	41	6.5	31.267	15
MT5	QXGS-MT5-60°	262	9	65	52	136	72	54	6.5	44.399	/
MT5	QXGSHJ-MT5-F118-60°	262	9	65	52	136	72	54	6.5	44.399	18

A 轻型高速细物回转顶尖 A LIGHT HIGH-SPEED FOR SLIM LIVE CENTER







莫氏型号 Morse	规格 / 型号 Model	L	L1	L2	L3	A	B	b	C	D	E	F	G	K
MT3	QXGSXW-MT3-D10- 双 60°	180	21	12	15	41	27	10	86	44	50	5	23.825	/
MT3	QXGSXWHJ-MT3-D10-F106- 双 60°	180	21	12	15	41	27	10	86	44	50	5	23.825	6
MT4	QXGSXW-MT4-D12- 双 60°	216	24.5	14	15	47	31	12	109	51	56	6.5	31.267	/
MT4	QXGSXWHJ-MT4-D12-F108- 双 60°	216	24.5	14	15	47	31	12	109	51	56	6.5	31.267	8
MT5	QXGSXW-MT5-D16- 双 60°	270	30	16	16	65	35	16	136	72	62	6.5	44.399	/
MT5	QXGSXWHJ-MT5-D16-F112- 双 60°	270	30	16	16	65	35	16	136	72	62	6.5	44.399	12

特点：

◎该顶针采用滚针轴承、推力球轴承和微型深沟球轴承组合。
◎适用于 CNC 车床中高速中负荷精密加工。
◎心轴加长，能有效提高切削性能，减少振动影响
◎心轴使用合金钢，热处理后硬度 HRC60° ±2°，具备高钢性和高耐磨度。
◎前端防尘盖和心轴同时转动，并与主体组成机械密封，有效的防水防铁屑
◎采用滚针轴承，头部体积小，适氛围广，并能承受较大负荷。

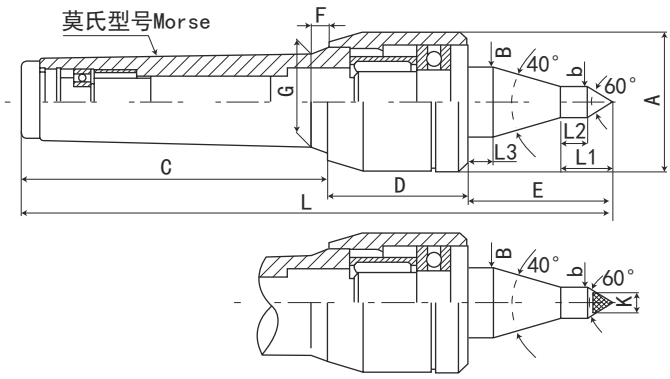
Features:

◎ The center adopts the combination of the needle roller bearings,thrust ball bearings and Miniature deep groove ball bearing.
◎ It is applicable to the medium high speed precise processing of medium-load for CNC lathes.
◎ The prolonged mandrel can effectively improve the cutting performance and reduce vibration.
◎ The center is made of alloy steel and its hardness after being heat treated could reach HRC60° ±2° .It is thus has high steel performance and high wear resistance.
◎ The anti-dust cover at the front rotates synchronously with the mandrel and forms mechanical sealing with the main body so as to effectively resist water and iron chips.
◎ With the needle roller bearing adopted,it has small head and wide applications and can bear large load

回转顶尖系列 LIVE CENTER SERIES

B 轻型高速细物回转顶尖 B LIGHT HIGH-SPEED FOR SLIM LIVE CENTER

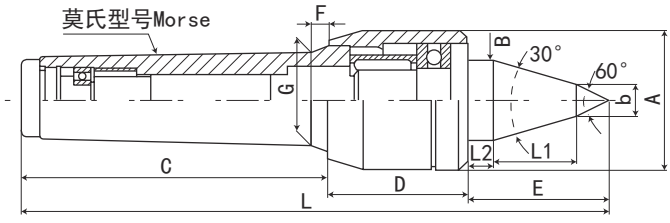


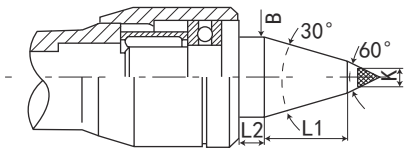


莫氏型号 Morse	规格 / 型号 Model	L	L1	L2	L3	A	B	b	C	D	E	F	G	K
MT3	QXGSXW-MT3-D10-60° - 双尖	186	21	12	15	41	27	10	86	44	56	5	23.825	/
MT3	QXGSXWHJ-MT3-D10-F106-60° - 双尖	186	21	12	15	41	27	10	86	44	56	5	23.825	6
MT4	QXGSXW-MT4-D12-60° - 双尖	225	24.5	14	15	47	31	12	109	51	65	6.5	31.267	/
MT4	QXGSXWHJ-MT4-D12-F108-60° - 双尖	225	24.5	14	15	47	31	12	109	51	65	6.5	31.267	8
MT5	QXGSXW-MT5-D16-60° - 双尖	280	30	16	16	65	35	16	136	72	72	6.5	44.399	/
MT5	QXGSXWHJ-MT5-D16-F112-60° - 双尖	280	30	16	16	65	35	16	136	72	72	6.5	44.399	12

C 轻型高速细物回转顶尖 C LIGHT HIGH-SPEED FOR SLIM LIVE CENTER







莫氏型号 Morse	规格 / 型号 Model	L	L1	L2	A	B	b	C	D	E	F	G	K
MT3	QXGSXW-MT3-60° - 双尖	184	46	15	41	27	10	86	44	54	5	23.825	/
MT3	QXGSXWHJ-MT3-F106-60° - 双尖	184	46	15	41	27	10	86	44	54	5	23.825	6
MT4	QXGSXW-MT4-60° - 双尖	221	51	15	47	31	12	109	51	61	6.5	31.267	/
MT4	QXGSXWHJ-MT4-F108-60° - 双尖	221	51	15	47	31	12	109	51	61	6.5	31.267	8
MT5	QXGSXW-MT5-60° - 双尖	273	51	16	65	35	16	136	72	65	6.5	44.399	/
MT5	QXGSXWHJ-MT5-F112-60° - 双尖	273	51	16	65	35	16	136	72	65	6.5	44.399	12

特点：

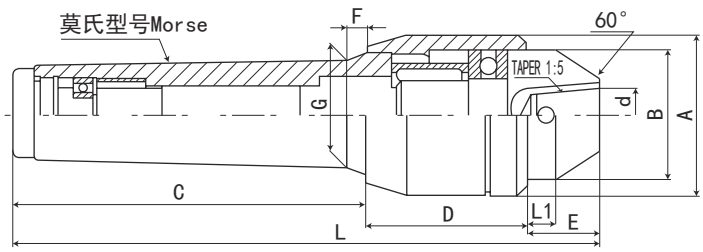
◎该顶针采用滚针轴承、推力球轴承和微型深沟球轴承组合。
◎适用于 CNC 车床中高速中负荷精密加工。
◎心轴加长，能有效提高切削性能，减少振动影响
◎心轴使用合金钢，热处理后硬度 HRC60° ±2°，具备高钢性和高耐磨度。
◎前端防尘盖和心轴同时转动，并与主体组成机械密封，有效的防水防铁屑
◎采用滚针轴承，头部体积小，适氛围广，并能承受较大负荷。

Features:

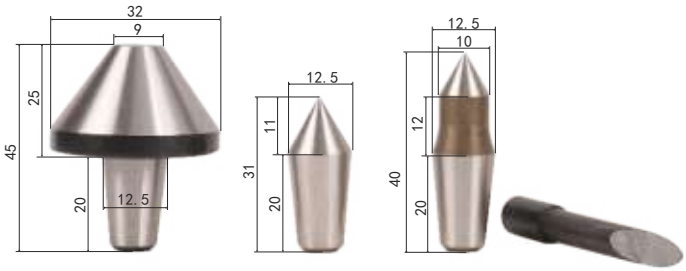
◎ The center adopts the combination of the needle roller bearings,thrust ball bearings and Miniature deep groove ball bearing.
◎ It is applicable to the medium high speed precise processing of medium-load for CNC lathes.
◎ The prolonged mandrel can effectively improve the cutting performance and reduce vibration.
◎ The center is made of alloy steel and its hardness after being heat treated could reach HRC60° ±2° .It is thus has high steel performance and high wear resistance.
◎ The anti-dust cover at the front rotates synchronously with the mandrel and forms mechanical sealing with the main body so as to effectively resist water and iron chips.
◎ With the needle roller bearing adopted,it has small head and wide applications and can bear large load

轻型高速回转顶尖（可换式） LIGHT HIGH-SPEED LIVE CENTER（CAN CHANGE）





莫氏型号 Morse	规格 / 型号 Model	L	L1	A	B	d	C	D	E	F	G
MT3	QXGS-KHS-MT3	154	10	41	32	12.5	86	44	24	5	23.825
MT4	QXGS-KHS-MT4	184	10	47	32	12.5	109	51	24	6.5	31.267
MT5	QXGS-KHS-MT5	232	10	65	32	12.5	136	72	24	6.5	44.399







特点：

◎该顶针采用滚针轴承、推力球轴承和微型深沟球轴承组合。
◎适用于 CNC 车床中高速中负荷精密加工。
◎心轴加长，能有效提高切削性能，减少振动影响
◎心轴使用合金钢，热处理后硬度 HRC60° ±2°，具备高钢性和高耐磨度。
◎前端防尘盖和心轴同时转动，并与主体组成机械密封，有效的防水防铁屑
◎采用滚针轴承，头部体积小，适氛围广，并能承受较大负荷。

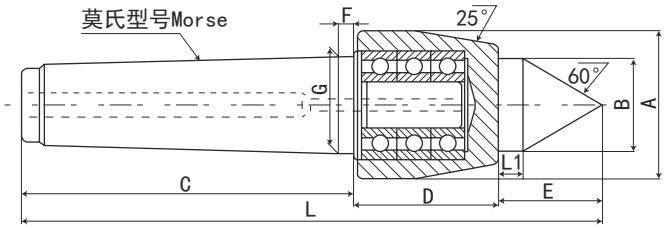
Features:

◎ The center adopts the combination of the needle roller bearings,thrust ball bearings and Miniature deep groove ball bearing.
◎ It is applicable to the medium high speed precise processing of medium-load for CNC lathes.
◎ The prolonged mandrel can effectively improve the cutting performance and reduce vibration.
◎ The center is made of alloy steel and its hardness after being heat treated could reach HRC60° ±2° .It is thus has high steel performance and high wear resistance.
◎ The anti-dust cover at the front rotates synchronously with the mandrel and forms mechanical sealing with the main body so as to effectively resist water and iron chips.
◎ With the needle roller bearing adopted,it has small head and wide applications and can bear large load

回转顶尖系列 LIVE CENTER SERIES

A 外旋回转顶尖 A ABROAD LIVE CENTER





莫氏型号 Morse	规格 / 型号 Model	L	L1	C	D	E	A	B	F	G	精度 Accuracy
MT1	WXHZDJ-MT1-D38-60° -A	115	9	57	30	28	38	22	3.5	12.065	0.005
MT2	WXHZDJ-MT2-D48-60° -A	143	10	69	38	36	48	30	5	17.780	0.005
MT3	WXHZDJ-MT3-D53-60° -A	169	10	86	44	39	53	34	5	23.825	0.005
MT4	WXHZDJ-MT4-D58-60° -A	202	12	109	46	47	58	40	6.5	31.267	0.005
MT5	WXHZDJ-MT5-D68-60° -A	245	15	136	55	54	68	45	6.5	44.399	0.005

特点：

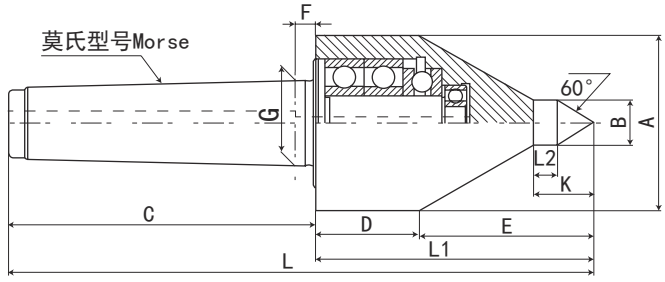
◎该顶针采用深沟球轴承组合。
◎顶尖头部较小，能适应不同的加工场合
◎适用于特殊车床中高速轻负荷精密加工。
◎头部使用合金工具钢，热处理后硬度 HRC60° ±2°，具备高钢性和高耐磨度。

Features:

◎ The center adopts the combination of deep groove ball bearing.
◎ Its head is small and can be applied into different processing demands.
◎ It is applicable to medium high speed light load processing for special lathes.
◎ The head is made of alloy tool steel and its hardness after being heat treated could reach HRC60° ±2° .It is thus has high steel performance and high wear resistance.

B 外旋回转顶尖 B ABROAD LIVE CENTER





莫氏型号 Morse	规格 / 型号 Model	L	L1	L2	C	D	E	B	K	A	F	G	精度 Accuracy
MT2	WXHZDJ-MT2-D63-60° -B	184	115	14	69	47	68	20	31	63	5	17.780	0.005
MT2	WXHZDJ-MT2-D83-60° -B	211	142	15	69	55	87	30	41	83	5	17.780	0.005
MT3	WXHZDJ-MT3-D63-60° -B	201	115	14	86	47	68	20	31	63	5	23.825	0.005
MT3	WXHZDJ-MT3-D83-60° -B	228	142	15	86	55	87	30	41	83	5	23.825	0.005
MT4	WXHZDJ-MT4-D63-60° -B	224	115	14	109	47	68	20	31	63	6.5	31.267	0.005
MT4	WXHZDJ-MT4-D83-60° -B	251	142	15	109	55	87	30	41	83	6.5	31.267	0.005
MT5	WXHZDJ-MT5-D63-60° -B	251	115	14	136	47	68	20	31	63	6.5	44.399	0.005
MT5	WXHZDJ-MT5-D83-60° -B	278	142	15	136	55	87	30	41	83	6.5	44.399	0.005

特点：

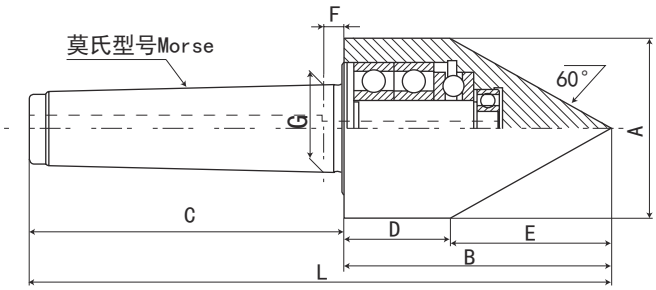
◎该顶针采用双列深沟球轴承组合。
◎顶尖头部较小，能适应不同的加工场合
◎适用于特殊车床中高速轻负荷精密加工。
◎头部使用合金工具钢，热处理后硬度 HRC60° ±2°，具备高钢性和高耐磨度。

Features:

◎ The center adopts the double row combination of deep groove ball bearing.
◎ Its head is small and can be applied into different processing demands.
◎ It is applicable to medium high speed light load processing for special lathes.
◎ The head is made of alloy tool steel and its hardness after being heat treated could reach HRC60° ±2° .It is thus has high steel performance and high wear resistance.

C 外旋回转顶尖 C ABROAD LIVE CENTER





莫氏型号 Morse	规格 / 型号 Model	L	C	D	E	B	A	F	G	精度 Accuracy
MT2	WXHZDJ-MT2-D63-60° -C	171	69	47	55	102	63	5	17.780	0.005
MT2	WXHZDJ-MT2-D83-60° -C	196	69	55	72	127	83	5	17.780	0.005
MT3	WXHZDJ-MT3-D63-60° -C	188	86	47	55	102	63	5	23.825	0.005
MT3	WXHZDJ-MT3-D83-60° -C	213	86	55	72	127	83	5	23.825	0.005
MT4	WXHZDJ-MT4-D63-60° -C	211	109	47	55	102	63	6.5	31.267	0.005
MT4	WXHZDJ-MT4-D83-60° -C	236	109	55	72	127	83	6.5	31.267	0.005
MT5	WXHZDJ-MT5-D63-60° -C	238	136	47	55	102	63	6.5	44.399	0.005
MT5	WXHZDJ-MT5-D83-60° -C	263	136	55	72	127	83	6.5	44.399	0.005

特点：

◎该顶针采用双列深沟球轴承组合。
◎顶尖头部较小，能适应不同的加工场合
◎适用于特殊车床中高速轻负荷精密加工。
◎头部使用合金工具钢，热处理后硬度 HRC60° ±2°，具备高钢性和高耐磨度。

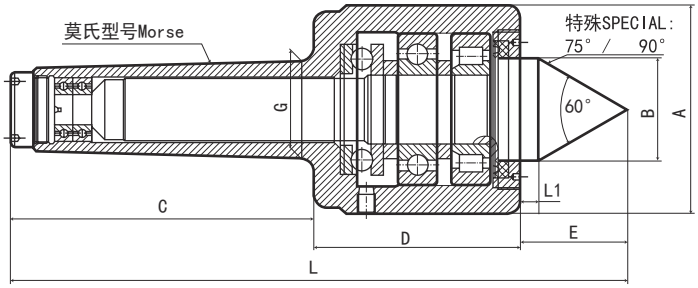
Features:

◎ The center adopts the double row combination of deep groove ball bearing.
◎ Its head is small and can be applied into different processing demands.
◎ It is applicable to medium high speed light load processing for special lathes.
◎ The head is made of alloy tool steel and its hardness after being heat treated could reach HRC60° ±2° .It is thus has high steel performance and high wear resistance.

回转顶尖系列 LIVE CENTER SERIES

重型回转顶尖 HEAVY-LOAD TYPE LIVE CENTER





锥柄型号 Taper shank type	规格 / 型号 Model	最大载荷 T Maximum load T	L	L1	C	D	B	A	E	G	极限转速 Limit speed	精度 Accuracy
MT4	ZX-MT4-0.5T-60°	≤ 0.5 吨	229	12	108	72	35	78	42.9	31.267	2500	0.01
MT5	ZX-MT5-1T-60°	≤ 1 吨	266.2	12	146	75	38	93.5	45.2	44.399	2000	0.01
MT5	ZX-MT5-3T-60°	≤ 3 吨	330	12	146	122	57.6	117	62	44.399	1500	0.01
MT5	ZX-MT5-5T-60°	≤ 5 吨	351	12	146	135	67.1	137	70	44.399	1300	0.01
MT6	ZX-MT6-4T-60°	≤ 4 吨	383	12	199	122	57.6	127	62	63.348	1500	0.01
MT6	ZX-MT6-6T-60°	≤ 6 吨	404	12	199	135	67.1	137	70	63.348	1400	0.01
MT6	ZX-MT6-10T-60°	≤ 10 吨	431	12	199	158	71.3	157	74	63.348	1200	0.01
MT6	ZX-MT6-15T-60°	≤ 15 吨	445	12	199	166	78	177	80	63.348	1000	0.01
公制 80	ZX- 公制 80-10T-60°	≤ 10 吨	446	12	214	158	71.3	157	74	80	1200	0.01
公制 80	ZX- 公制 80-15T-60°	≤ 15 吨	460	12	214	166	78	177	80	80	1000	0.01
公制 80	ZX- 公制 80-20T-60°	≤ 20 吨	441	12	214	144	78	197	83	80	800	0.01
公制 100	ZX- 公制 100-15T-60°	≤ 15 吨	475	12	245	140	78	177	80	100	1000	0.01
公制 100	ZX- 公制 100-20T-60°	≤ 20 吨	482	12	245	144	78	197	83	100	800	0.01

特点：

◎采用精密球轴承有效保持径向跳动、圆柱滚子轴承提高径向载荷及推力球轴承。

◎心轴加长最底部，能有效提高切削性能，减少震动影响，保持精度。

◎心轴选用 GCr15 轴承钢，热处理硬度 HRC60° ±2，具有高钢性和高耐磨度。

◎前端压盖处装有密封装置，防止切削液和灰尘进入轴承，延长顶尖使用寿命。

Features:

◎ Precision ball bearings are used to effectively maintain radial runout, cylindrical roller bearings to increase radial load and thrust ball bearings.

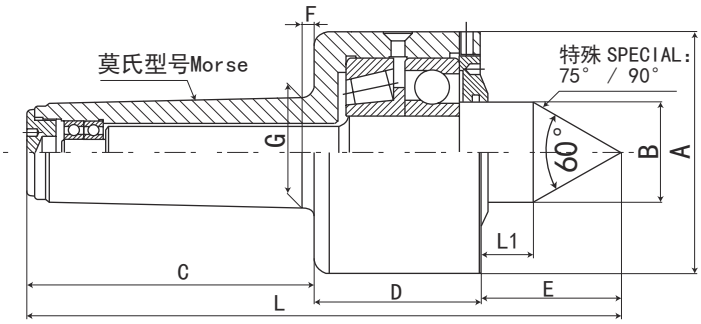
◎ The mandrel is lengthened at the bottom, which can effectively improve the cutting performance, reduce the impact of vibration and maintain the accuracy.

◎ The mandrel is made of GCr15 bearing steel with a heat treatment hardness of HRC60 ° ±2, providing high rigidity and high wear resistance.

◎ The front end gland is equipped with a sealing device to prevent cutting fluid and dust from entering the bearing, extending the service life of the top.

精密重型回转顶尖 PRECISION HEAVY LIVE CENTER





莫氏型号 Morse	规格 / 型号 Model	L	L1	A	B	C	D	E	F	G
MT3	JMZX-MT3-60°	172	15	58	27	86	48	38	5	23.825
MT3	JMZXHJ-MT3-F112-60°	172	15	58	27	86	48	38	5	23.825
MT4	JMZX-MT4-60°	201	15	68	31	109	50	42	6.5	31.267
MT4	JMZXHJ-MT4-F115-60°	201	15	68	31	109	50	42	6.5	31.267
MT5	JMZX-MT5-60°	242	16	88	35	136	60	46	6.5	44.399
MT5	JMZXHJ-MT5-F118-60°	242	16	88	35	136	60	46	6.5	44.399
MT6	JMZX-MT6-60°	365	22	138	67	190	95	80	8	63.348
MT6	JMZXHJ-MT6-F124-60°	365	22	138	67	190	95	80	8	63.348

特点：

◎该顶针采用重系列精密角接触轴承、圆锥滚子轴承和滚针轴承。
◎适用于 CNC 车床中速重负荷精密加工。
◎心轴加长，能有效提高切削性能，减少振动影响
◎心轴使用合金工具钢，热处理后硬度 HRC60° ±2°，具备高钢性和高耐磨度。
◎头部有加油孔，可封内部轴承加油保养，从而延长顶尖使用寿命。
◎轴承间隙可根据前端挡盖调整并锁紧，以求达到最佳的使用条件。
◎前端有防尘密封，防止切割液和灰尘进入轴承，延长了顶尖使用寿命。

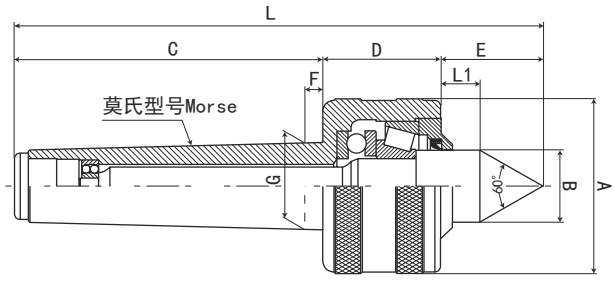
Features:

◎ The center adopts the heavy-load precise angular contact bearings,tapered roller bearing,and needle roller bearing.
◎ It is applicable to the medium speed precise processing of heavy load for CNC lathes.
◎ The prolonged mandrel can effectively improve the cutting performance and reduce vibration.
◎ TThe center is made of alloy tool steel and its hardness after being heat treated could reach HRC60° ±2° .It is thus has high steel performance and high wear resistance.
◎ Oil can be added through the oil-adding hole at the head into internal bearings so as to prolong the service life of the center.
◎ The bearing clearance can be adjusted and locked based on the front cove to achieve the best performance.
◎ The anti-dust seal on the front can prevent the cutting fluid and dust from entering into the bearings so as to prolong its service life.

回转顶尖系列 LIVE CENTER SERIES

可调式回转顶尖 ADJUSTMENT TYPE LIVE CENTER





莫式型号 Morse	规格 / 型号 Model	L	L1	A	B	C	D	E	F	G
MT4	KT-MT4-60°	188.5	14	63	26	110	42	36.5	6.5	31.267
MT5	KT-MT5-60°	239.3	17	79.5	35	139	53	47.3	6.5	44.399

特点：

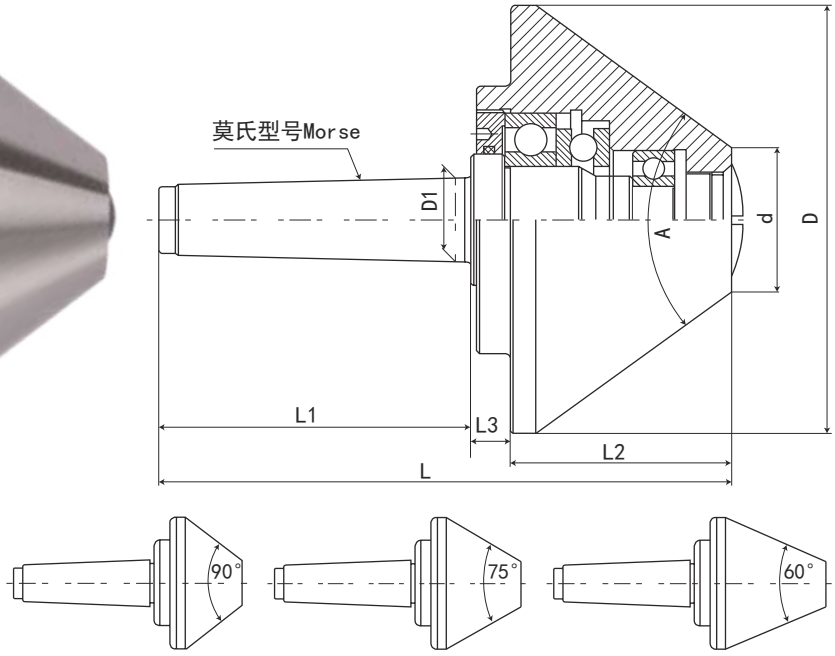
◎心轴使用合金工具钢之材质，经真空热处理（HRC60° ±1）具有高刚性及耐磨性，
◎此顶针使用滚锥轴承，止推轴承及滚针轴承纸组合。
◎适用于中、重负荷使用，具有防水性。
◎防水设计。

Features:

◎ The shaft uses alloy steel and hardened through vacuum heat treatment to (HRC60° ±1°).
◎ The center uses the combination of taper roller bearing,thrust bearing and meedle bearing.
◎ Applicable to medium and heavy loads.
◎ The center is adjustable to reach original loading capacity after using for a long period of time.
Long mose live centers are suitable for smallworkpieces.
Waterproof design.

伞型回转顶尖 BULL NOSE CENTER TYPE LIVE CENTER





规格 / 型号 Model	规格 Type	D	D1	d	L	L1	L2	L3	精度	角度 θ
MT2-D63-d20-60°	Φ63	63	17.78	20	146	68	68	10	0.01	60°
MT2-D83-d25-60°	Φ83	83	17.78	25	141	68	61	12	0.01	60°
MT2-D103-d25-60°	Φ103	103	17.78	25	146	68	61	12	0.01	60°
MT2-D103-d30-75°	Φ103	103	17.78	30	141	68	57	16	0.01	75°
MT3-D63-d20-60°	Φ63	63	23.825	20	163	85	68	10	0.01	60°
MT3-D83-d25-60°	Φ83	83	23.825	25	158	85	61	12	0.01	60°
MT3-D103-d25-60°	Φ103	103	23.825	25	158	85	57	16	0.01	60°
MT3-D103-d30-75°	Φ103	103	23.825	30	164	85	63	16	0.01	75°
MT3-D118-d40-75°	Φ118	118	23.825	40	164	85	63	16	0.01	75°
规格 / 型号 Model	规格 Type	D	D1	d	L	L1	L2	L3	精度	角度 θ
MT4-D63-d20-60°	Φ63	63	31.267	20	186	108	68	10	0.01	60°
MT4-D83-d25-60°	Φ83	83	31.267	25	181	108	61	12	0.01	60°
MT4-D103-d25-60°	Φ103	103	31.267	25	187	108	57	16	0.01	60°
MT4-D103-d30-75°	Φ103	103	31.267	30	181	108	57	16	0.01	75°
MT4-D118-d40-75°	Φ118	118	31.267	40	187	108	63	16	0.01	75°
MT4-D128-d44-75°	Φ128	128	31.267	44	191	108	67	16	0.01	75°
MT4-D148-d35-75°	Φ148	148	31.267	35	198	108	80	10	0.01	75°
MT4-D158-d45-75°	Φ158	158	31.267	45	196	108	78	10	0.01	75°
MT4-D178-d45-75°	Φ178	178	31.267	45	210	108	92	10	0.01	75°
MT4-D198-d65-75°	Φ198	198	31.267	65	220	108	102	10	0.01	75°
MT4-D248-d105-75°	Φ248	248	31.267	105	225	108	107	10	0.01	75°

特点：

◎该顶针采用深沟球轴承和推力球轴承组合。
◎适用于 CNC 车床中速中负荷精密加工。
◎头部特殊伞型结构，适合加工中心孔类，管件类工件
◎头部使用合金工具钢，热处理后硬度 HRC60° ±2°，具备高钢性和高耐磨度。
◎此顶尖仅适用车床加工，如需在外圆磨床上用需定制高精度伞型回转顶尖。

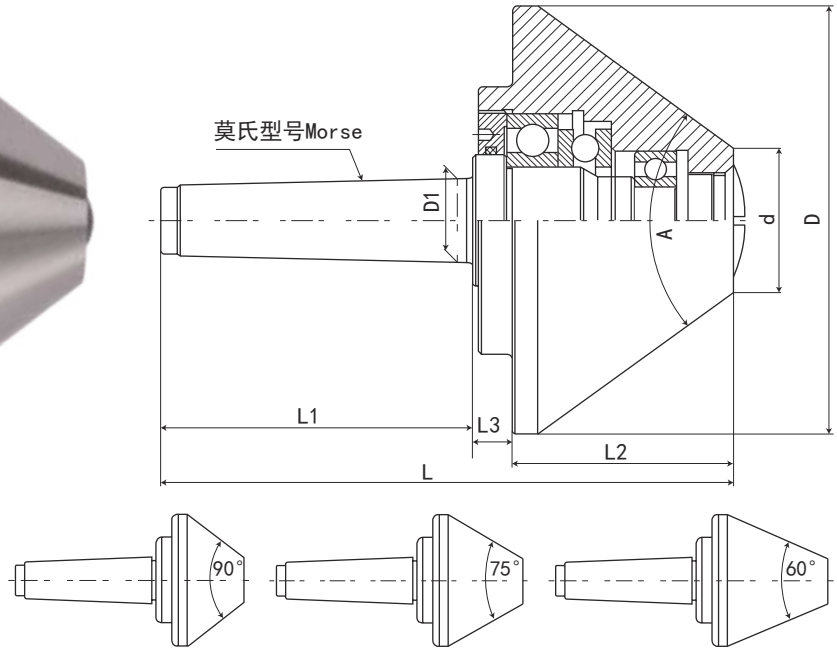
Features:

◎ The center adopts the combination of the deep groove ball bearing and the ball thrust bearing.
◎ It is applicable to the medium speed precise processing of medium- load for CNC lathes.
◎ The special umbrella-shaped structure at the head is applicable to process word pieces with central holes and pipes.
◎ The head is made of alloy tool steel and its hardness after being heat treated could reach HRC60° ±2° .It is thus has high steel performance and high wear resistance.
◎ This center is ouly suitable for the lathe processing, if use for cylindrical grinder, please have the high-precision bull-nose live center made to order.

回转顶尖系列 LIVE CENTER SERIES

伞型回转顶尖 BULL NOSE CENTER TYPE LIVE CENTER





规格 / 型号 Model	规格 Type	D	D1	d	L	L1	L2	L3	精度	角度 θ
MT5-D63-d20-60°	Φ63	63	44.399	20	214	136	68	10	0.01	60°
MT5-D83-d25-60°	Φ83	83	44.399	25	209	136	61	12	0.01	60°
MT5-D103-d30-60°	Φ103	103	44.399	30	209	136	57	16	0.01	60°
MT5-D103-d30-75°	Φ103	103	44.399	30	209	136	57	16	0.01	75°
MT5-D118-d40-75°	Φ118	118	44.399	40	215	136	63	16	0.01	75°
MT5-D128-d44-75°	Φ128	128	44.399	44	219	136	67	16	0.01	75°
MT5-D148-d35-75°	Φ148	148	44.399	35	226	136	80	10	0.01	75°
MT5-D158-d45-75°	Φ158	158	44.399	45	224	136	78	10	0.01	75°
MT5-D178-d45-75°	Φ178	178	44.399	45	238	136	92	10	0.01	75°
MT5-D198-d65-75°	Φ198	198	44.399	65	248	136	102	10	0.01	75°
MT5-D248-d105-75°	Φ248	248	44.399	105	253	136	107	10	0.01	75°
MT5-D300- d140-75°	Φ300	300	44.399	140	266	136	120	10	0.01	75°
MT5-D320-d155-75°	Φ320	320	44.399	155	271	136	125	10	0.01	75°
MT5-D350-d170-75°	Φ350	350	44.399	170	281	136	135	10	0.01	75°
MT5-D410-d200-75°	Φ410	410	44.399	200	311	136	160	15	0.01	75°
规格 / 型号 Model	规格 Type	D	D1	d	L	L1	L2	L3	精度	角度 θ
MT6-D118-d40-75°	Φ118	118	63.348	40	268	189	63	16	0.01	75°
MT6-D128-d44-75°	Φ128	128	63.348	44	272	189	67	16	0.01	75°
MT6-D148-d35-75°	Φ148	148	63.348	35	279	189	80	10	0.01	75°
MT6-D158-d45-75°	Φ158	158	63.348	45	277	189	78	10	0.01	75°
MT6-D178-d45-75°	Φ178	178	63.348	45	291	189	92	10	0.01	75°
MT6-D198-d65-75°	Φ198	198	63.348	65	301	189	102	10	0.01	75°
MT6-D248-d105-75°	Φ248	248	63.348	105	306	189	107	10	0.01	75°
MT6-D300- d140-75°	Φ300	300	63.348	140	319	189	120	10	0.01	75°
MT6-D320-d155-75°	Φ320	320	63.348	155	324	189	125	10	0.01	75°
MT6-D350-d170-75°	Φ350	350	63.348	170	334	189	135	10	0.01	75°
MT6-D410-d200-75°	Φ410	410	63.348	200	365	189	160	15	0.01	75°

特点：

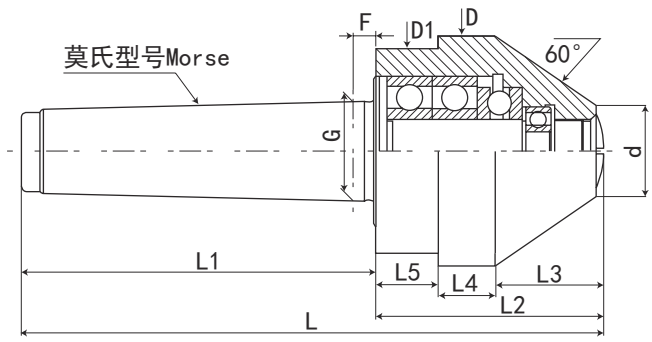
◎该顶针采用深沟球轴承和推力球轴承组合。
◎适用于 CNC 车床中速中负荷精密加工。
◎头部特殊伞型结构，适合加工中心孔类，管件类工件
◎头部使用合金工具钢，热处理后硬度 HRC60° ±2°，具备高钢性和高耐磨度。
◎此顶尖仅适用车床加工，如需在外圆磨床上用需定制高精度伞型回转顶尖。

Features:

◎ The center adopts the combination of the deep groove ball bearing and the ball thrust bearing.
◎ It is applicable to the medium speed precise processing of medium- load for CNC lathes.
◎ The special umbrella-shaped structure at the head is applicable to process word pieces with central holes and pipes.
◎ The head is made of alloy tool steel and its hardness after being heat treated could reach HRC60° ±2° .It is thus has high steel performance and high wear resistance.
◎ This center is ouly suitable for the lathe processing, if use for cylindrical grinder, please have the high-precision bull-nose live center made to order.

磨床用高精度伞型回转顶尖 GRINDING MACHINE HIGH-PRECISION BULL NOSE CENTER TYPE LIVE CENTER





莫氏型号 Morse	规格 / 型号 Model	G	L	L1	L2	L3	L4	L5	D	D1	a	d	精度 Accuracy
MT3	GJDSXDJ-MT3-D63-d25-60°	23.825	167.5	90.5	77	33	-	-	63	-	5	25	0.003
MT3	GJDSXDJ-MT3-D83-d40-60°	23.825	165.6	90.6	75	37	19.5	18.5	83	70	5	40	0.003
MT3	GJDSXDJ-MT3-D103-d60-60°	23.825	165.6	90.6	75	37	9.5	28.5	103	70	5	60	0.003
MT4	GJDSXDJ-MT4-D63-d25-60°	31.267	190.5	113.5	77	33	-	-	63	-	6.5	25	0.003
MT4	GJDSXDJ-MT4-D83-d40-60°	31.267	188.6	113.6	75	37	19.5	18.5	83	70	6.5	40	0.003
MT4	GJDSXDJ-MT4-D103-d60-60°	31.267	188.6	113.6	75	37	9.5	28.5	103	70	6.5	60	0.003
MT4	GJDSXDJ-MT4-D118-d70-60°	31.267	222.4	114.4	108	42	15	51	118	100	6.5	70	0.003
MT4	GJDSXDJ-MT4-D128-d80-60°	31.267	222.4	114.4	108	42	15	51	128	105	6.5	80	0.003
MT5	GJDSXDJ-MT5-D63-d25-60°	44.399	217.5	140.5	77	33	-	-	63	-	6.5	25	0.003
MT5	GJDSXDJ-MT5-D83-d40-60°	44.399	215.6	140.6	75	37	19.5	18.5	83	70	6.5	40	0.003
MT5	GJDSXDJ-MT5-D103-d60-60°	44.399	215.6	140.6	75	37	9.5	28.5	103	70	6.5	60	0.003
MT5	GJDSXDJ-MT5-D118-d70-60°	44.399	249.4	141.4	108	42	15	51	118	100	6.5	70	0.003
MT5	GJDSXDJ-MT5-D128-d80-60°	44.399	249.4	141.4	108	42	15	51	128	105	6.5	80	0.003

特点：

◎该顶针采用进口 NSK 双列角接触球轴承和推力球轴承组合。
◎适用于外圆磨床中速中负荷高精密加工。
◎头部特殊伞型结构，适合加工中心孔类，管件类工件
◎头部使用合金工具钢，热处理后硬度 HRC60° ±2°，具备高钢性和高耐磨度。

Features:

◎
◎
◎ The special umbrella-shaped structure at the head is applicable to process word pieces with central holes and pipes.
◎ The head is made of alloy tool steel and its hardness after being heat treated could reach HRC60° ±2° .It is thus has high steel performance and high wear resistance.

回转顶尖系列 LIVE CENTER SERIES

液压端面拨动顶尖 CONSTANT HYDROSTARTER FACE DRIVER

产品信息：

◎端面拨动顶尖主要用于仿型车床，数控车床和普通车床上加工轴类零件，在一次装夹情况下，可以方便的车销零件外圆所有各部尺寸，由于使用工件中心定位从而保证了产品质量，端面拨盘由三个浮动液压缸推动，当工件端面与工件轴线不垂直在 5°以内时，均能保证正常工作

◎端面拨盘顶尖可换顶尖和拨盘一般和拨动顶尖整体配套供应单独订货时请注明规格（D)。也可根据用户需要制作相应规格（D）的可换顶尖和拨盘。

Product information：

◎ Constant hydrostarter face driver is mainly used on the forming lathe,CNC lathe and common lathe to process axis type wordpiece.Put in only one collect,you can get all the dimensions of the workpiece's exterior.Using the workpiece's centre hole to locate,we can guarantee the quality.Driving.plate propelled by three floating hydraulic cylinder to stab to the end of workpiece and made the workpiece rotate.When the end face and the axis is not perpendicular within 5 degree,constant face driver can work regularly.

◎ Constant face driveris used to be provided with driving center's body together with Changing centre and driver,lease mention specification on the individual order. Also we can manufacture changingable centre and driver plate.

产品示意图 Product schematic diagram

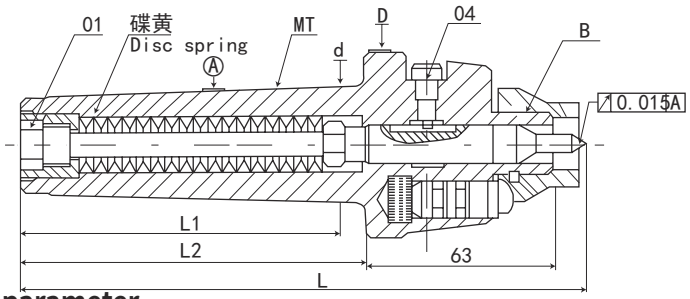




驱动顶尖标准套装包含：MT3/MT4/MT5/MT6 主体一支、
中心顶尖：φ4mm/φ6mm/φ10mm/φ12mm
φ16mm 共五支
整体铣齿拨盘：φ10mm/φ12mm/φ16mm/φ20/mm
φ25mm/φ32mm 共六支
镶合金条拨盘：φ40mm/φ50mm 共两支
拆卸板一支、内六角扳手两支
O 型圈一套
包装木盒一个 共计 19 件

也可以根据客户要求单独购买其中配件
镶合金条拨盘：φ16mm/φ20mm/φ25mm/φ32mm
φ40mm/φ50mm/φ60mm/φ80mm
φ100mm/φ120mm

液压端面拨动顶尖 CONSTANT HYDROSTARTER FACE DRIVER

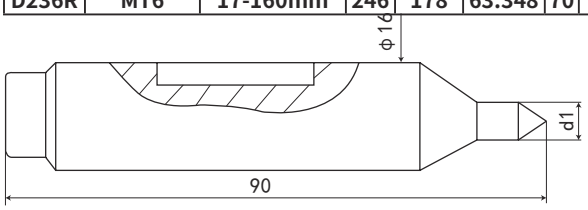


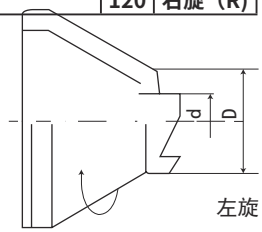
端面拨动顶尖主要参数 Main parameter

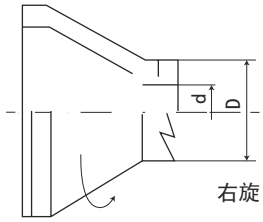
型号 Model	MT (莫氏锥度)	切削范围 Cutting range	L	L1	d	D	中心顶尖 Center top	拨盘 Dial	载重 (kg)	备注 Remarks
D233	MT3	11-80mm	152	82	23.825	70	4 6 10 12 16	10 12 16 20 25 32 40 50	40	左旋 (L)
D233R	MT3	11-80mm	152	82	23.825	70			40	右旋 (R)
D234	MT4	11-80mm	166	97.7	31.267	70			60	左旋 (L)
D234R	MT4	11-80mm	166	97.7	31.267	70			60	右旋 (R)
D235	MT5	11-80mm	193	123.7	44.399	70			80	左旋 (L)
D235R	MT5	11-80mm	193	123.7	44.399	70			80	右旋 (R)
D236	MT6	17-160mm	246	178	63.348	70			120	左旋 (L)
D236R	MT6	17-160mm	246	178	63.348	70			120	右旋 (R)

允许工件最大重：莫氏 3 号 40kg
莫氏 4 号 60kg
莫氏 5 号 80kg

Max weight:MT3 40kg
MT4 60kg
MT5 80kg







配套可换端面拨盘 Face driver

图示	拨盘型号	旋转方向 (R/L)	拨盘外径 D	拨盘内径 d	图示	中心顶尖型号	中心顶尖直径 d1	切削范围	拨盘厚度 C
	40322	左旋 (L)	10	4.5		4	4mm	11-16mm	38
	40362	右旋 (R)							
	40323	左旋 (L)	12	7		6	6mm	13-20mm	36
	40363	右旋 (R)							
	40324	左旋 (L)	16	11		10	10mm	17-27mm	33
	40364	右旋 (R)							
	40325	左旋 (L)	20	13		12	12mm	21-33mm	30
	40365	右旋 (R)							
	40326	左旋 (L)	25	17		16	16mm	26-41mm	30
	40366	右旋 (R)							
	40327	左旋 (L)	32	22		16	16mm	33-52mm	30
	40367	右旋 (R)							
	40328	左旋 (L)	40	20		16	16mm	41-64mm	24
	40368	右旋 (R)							
	40329	左旋 (L)	50	28		16	16mm	51-80mm	24
	40369	右旋 (R)							
	40330	左旋 (L)	60	20		16	16mm	61-100mm	24
	40370	右旋 (R)							
	40331	左旋 (L)	80	20		16	16mm	81-120mm	24
	40371	右旋 (R)							
	40332	左旋 (L)	100	20		16	16mm	101-140mm	24
	40372	右旋 (R)							
	40333	左旋 (L)	120	20		16	16mm	121-160mm	24
	40373	右旋 (R)							
	40334	左旋 (L)	16H	11		10	10mm	17-27mm	33
	40374	右旋 (R)							
	40335	左旋 (L)	20H	13		12	12mm	21-33mm	30
	40375	右旋 (R)							
	40336	左旋 (L)	25H	17		16	16mm	26-41mm	30
	40376	右旋 (R)							
	40337	左旋 (L)	32H	22		16	16mm	33-52mm	30
	40377	右旋 (R)							

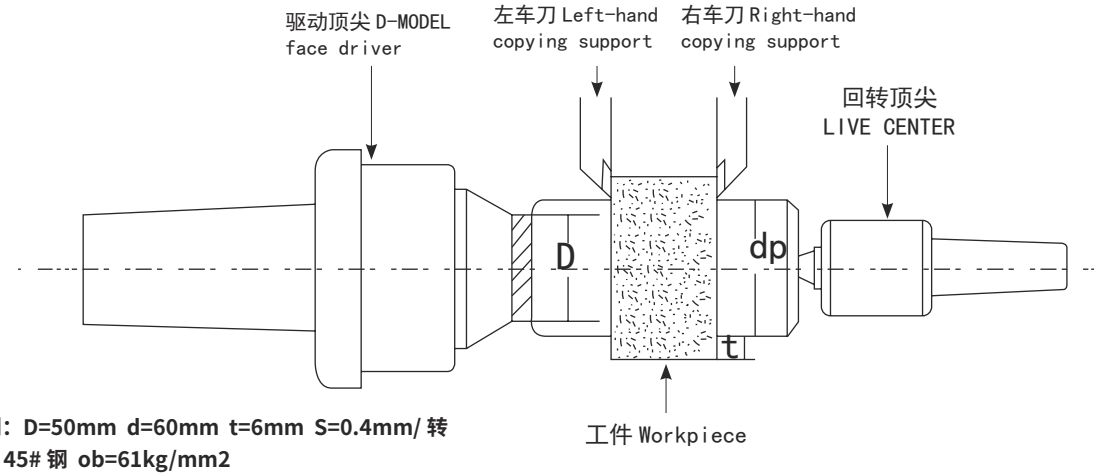
液压端面拨动顶尖 CONSTANT HYDROSTARTER FACE DRIVER

使用方法：

◎根据工件直径选择合适的活动顶尖和拨盘
◎更换活动顶尖时，松开紧定螺钉 4，装入适当的活顶尖，使螺顶 4 的导向部分位于活动顶尖导向槽内，拧紧螺钉，活动顶尖能轴向滑动，但不能转动
◎更换端面拨盘，用力将拨盘推进主体 B 处，使拨盘端面的键槽和活塞的扁部结合，卸下拨盘时用撬出板撬出
◎调整活塞 1，可以调整活动顶尖长度。活动顶尖尖部与拨盘齿尖相距 3-4mm 为宜
◎工作中心孔一端装在活动顶尖上，另一端用机床尾架顶尖支撑，尾架顶尖应顶紧尾架，顶紧力可以按以下式计算（见图二）
P=2.5tsobi
p 尾架顶紧力（KG）
t 切削深度 (mm)
s 走刀量 (mm/ 转)
ob 工件材料抗拉强度 (kg/mm2)
i 夹持比 (d/D)

Mounting instructions:

◎ Choose proper center and driving plate according to the workpiece's diameter.
◎ When changing the centre,loosen the bolt,then put in proper center,make sure The guide part of the bolt lies in the leading groove ,fix up the bolt,the center can move along the axis,but cannot rotate.
◎ Changing the driver plate,pull the driver plate into the body part(B)，make sure the driver plate's groove integrate into the thin part of the piston,lever the driver plate out.
◎ You use t he piston 1 to adjust the length of the centre.The most fitable space between the center and the gear of the driver plate is 3-7mm.
◎ Fix one side of the center hole on the active center,and the other side be struted by the apex of the lathe,the power of the strut can be caculated as follows:p=2.5tsobi
P-the power of the strut
t-depth of the cutting(mm)
s-rotating speed revolution(mm/round)
ob-pulling intensity of the material
i-d/D(d,D can be found in picture 2)



计算实例：D=50mm d=60mm t=6mm S=0.4mm/ 转
45# 钢 ob=61kg/mm2
p=2.5×6×0.4×60/50×61=439.2kg

维护：

◎应经常加入 20# 机油，润滑活动顶尖
◎液压油不足时，可松开 2 处密封螺钉，加入适量双曲线齿轮油，使活塞端面与主体端面等高，拧紧密封螺钉。当密封组合垫圈损坏时，应更换。上述密封在出厂时已调好，一般不要拆卸。
◎推荐下列切削规范
最大切削深度 t=5mm
最大走刀量 s=0.4mm/ 转

Maintenance:

◎ Hold over enough 20# engine oil,lubricate active center tighten
◎ When hydraulic pressure is short,you can loose the 2 screw-cap of seal,then add appropriate hyperbolic gear oil, make the appearance of piston at the same high end with main body,tighen sealing body bolts.when the washer of seal comition has been damaged,should be replacing instantly,the above seal has mixed up already before at the factory.Don't take down normally.
◎ Recommend cutting range as below:Maxium cutting range:t=5mm.Maxium cutting speed:s=0.4mm/turn

易损件：

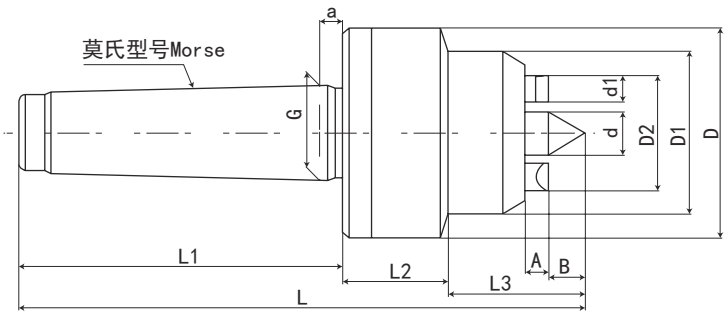
◎ O 型密封圈 ϕ16*2.4
◎组合垫圈：B 型 6

Easily damaged parts:

◎ O type seal loop:ϕ16*2.4
◎ Combination washer:type B6

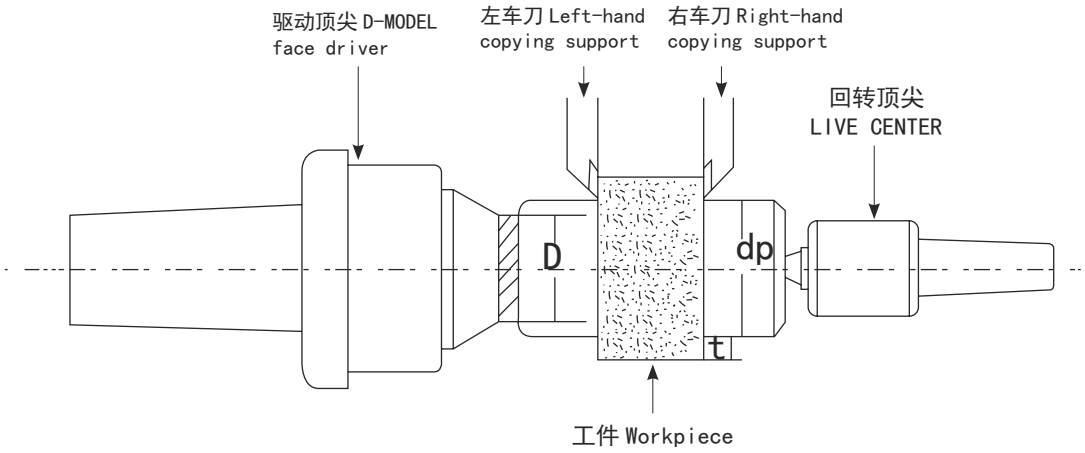
机械式驱动顶尖 MECHANICAL DRIVE CENTER



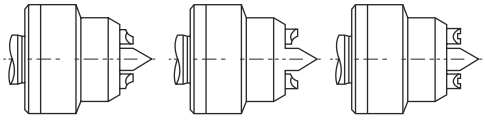


型号 Model	莫氏型号 MT	D	D1	L1	L2	L3	a	A	B	L	D2	d	d1	驱动销 driving pins	工作范围 Work size	工件重量 Weight
JXQD-MT3-D34-d19	MT3	42	30	89	24.5	29.5	6	5	4.3	143	17	5	5	4	ϕ19-ϕ34	50
JXQD-MT4-D34-d19	MT4	42	30	108	24.5	29.5	8	5	4.3	163	17	5	5	4	ϕ19-ϕ34	50
JXQD-MT5-D34-d19	MT5	42	30	136	24.5	29.5	8	5	4.3	191	17	5	5	4	ϕ19-ϕ34	50
JXQD-MT3-D50-d28	MT3	52	40	89	26.5	35.8	6	6.5	7.8	150.3	26	9	7	5	ϕ28-ϕ50	55
JXQD-MT4-D50-d28	MT4	52	40	108	26.5	35.8	8	6.5	7.8	170.3	26	9	7	5	ϕ28-ϕ50	55
JXQD-MT5-D50-d28	MT5	52	40	136	26.5	35.8	8	6.5	7.8	198.3	26	9	7	5	ϕ28-ϕ50	55
JXQD-MT3-D72-d40	MT3	70	54	89	36	45	6	9	11	170	38	14	9	6	ϕ40-ϕ72	65
JXQD-MT4-D72-d40	MT4	70	54	108	36	45	8	9	11	189	38	14	9	6	ϕ40-ϕ72	65
JXQD-MT5-D72-d40	MT5	70	54	136	36	45	8	9	11	217	38	14	9	6	ϕ40-ϕ72	65
JXQD-MT4-D100-d55	MT4	82	72	108	40	56.1	8	11	14.1	204.1	54	20	14	6	ϕ55-ϕ100	100
JXQD-MT5-D100-d55	MT5	82	72	136	40	56.1	8	11	14.1	232.1	54	20	14	6	ϕ55-ϕ100	100

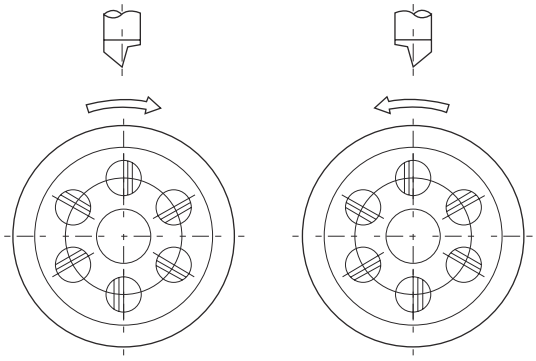
机械式驱动顶尖 MECHANICAL DRIVE CENTER



驱动销类型 Special drive pin styles



驱动销的旋转方向 Driving pins direction of rotation

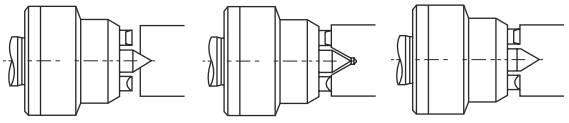


使用左旋驱动销 Use left hand pins

使用右旋驱动销 Use right hand pins

中心孔尺寸 Center hole size

型号 Model	中心孔尺寸 Center hole dia.limits			
	最小 Min(ϕ)		最大 Max(ϕ)	
	英制 inch	公制 ϕ	英制 inch	公制 ϕ
D34-d19	0.08	2	0.16	4
D50-d28	0.16	4	0.31	8
D72-d40	0.16	6	0.47	12
D100-d55	0.31	8	0.63	16

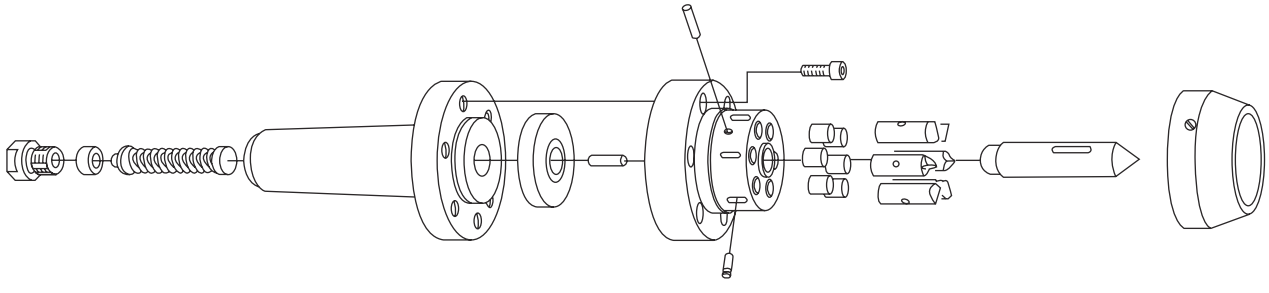


中心孔较小 Undersize(×)

中心孔较大 Oversize(×)

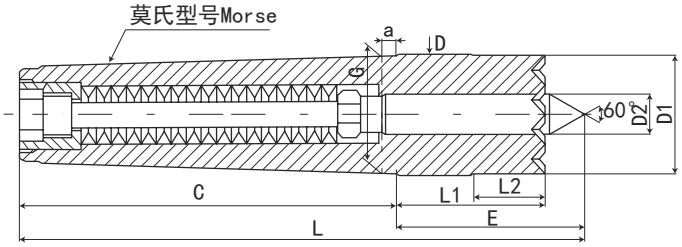
中心孔正确 Correct(√)

驱动顶尖内部结构图 The construction of face driver

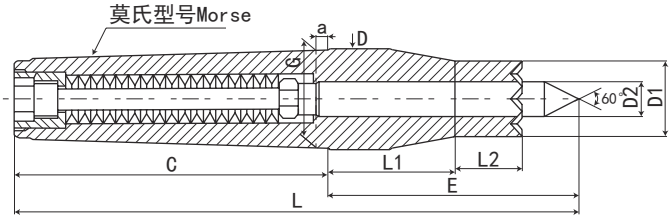


固定端面拨动顶尖 FIXED FACE DRIVER CENTER

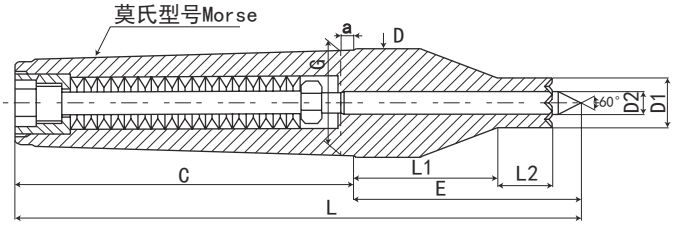












莫氏型号 Morse	规格 / 型号 Model	G	L	L1	L2	C	E	D	D1	D2	a	FIG
MT3	GDQDDJ-MT3-D32	23.825	146	44	22	86	60	26	32	16	5	1
MT3	GDQDDJ-MT3-D25	23.825	143	44	22	86	57	26	25	12	5	1
MT3	GDQDDJ-MT3-D20	23.825	143	46	15	86	57	26	20	10	5	2
MT3	GDQDDJ-MT3-D16	23.825	141	46	15	86	55	26	16	8	5	2
MT3	GDQDDJ-MT3-D12	23.825	139	46	15	86	53	26	12	6	5	3
MT3	GDQDDJ-MT3-D10	23.825	139	46	15	86	53	26	10	5	5	3
MT4	GDQDDJ-MT4-D32	31.267	169	44	22	109	60	33	32	16	6.5	1
MT4	GDQDDJ-MT4-D25	31.267	166	44	22	109	57	33	25	12	6.5	1
MT4	GDQDDJ-MT4-D20	31.267	166	46	15	109	57	33	20	10	6.5	2
MT4	GDQDDJ-MT4-D16	31.267	164	46	15	109	55	33	16	8	6.5	2
MT4	GDQDDJ-MT4-D12	31.267	162	46	15	109	53	33	12	6	6.5	3
MT4	GDQDDJ-MT4-D10	31.267	162	46	15	109	53	33	10	5	6.5	3

特点：

◎此免夹顶针因机械之结构，故障率低。经深冷热处理为（HRC60° ±1°）。

◎以往车床加工使用传动夹来带动，避免工作物之停止，此免夹顶针在本体端面有 6T 及 8T 之设计来顶住加工之端面，就可免用传动夹，使加工方便速度更快。

◎此免夹顶针，滚齿机械可使用。

Features:

◎ Body and center shaft are made of alloy steel with heat and sub-zero treatment.
Hardened:HRC60° ±1°

◎ Driving dog is reqired for traditional lathes turning to prevent workpiece from stopping.These work driving centers are either with 6 teeth or 8 teeth design for superseding the driving dogs.It supports the workpiece on end surface for easy setup and rapid machinging.

◎ The work-driving center is also applicable for gear hobbing machine.

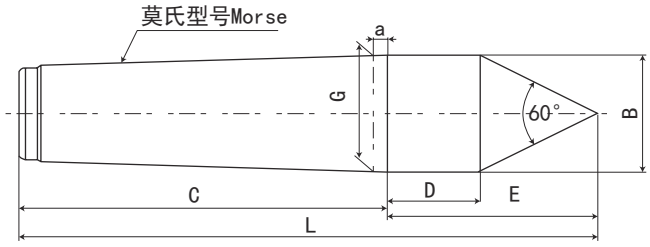
固定顶尖系列
DEAD CENTER SERIES



固定顶尖系列
DEAD CENTER SERIES

固定顶尖 DEAD CENTER





莫氏型号 Morse	规格 Type	G	L	C	D	E	B	a	重量 KGS	精度 Accuracy
MT1	GDDJ-MT1-60°	12.065	80	57	10.5	23	12.2	3.5	0.057	0.003
MT2	GDDJ-MT2-60°	17.780	100	69	15.5	31	18	5	0.15	0.003
MT3	GDDJ-MT3-60°	23.825	125	86	18	39	24.1	5	0.334	0.003
MT4	GDDJ-MT4-60°	31.267	160	109	23.5	51	31.6	6.5	0.746	0.003
MT5	GDDJ-MT5-60°	44.399	200	136	35	64	44.7	6.5	1.862	0.003
MT6	GDDJ-MT6-60°	63.348	280	190	35	90	63.8	8	4.925	0.003

特点：

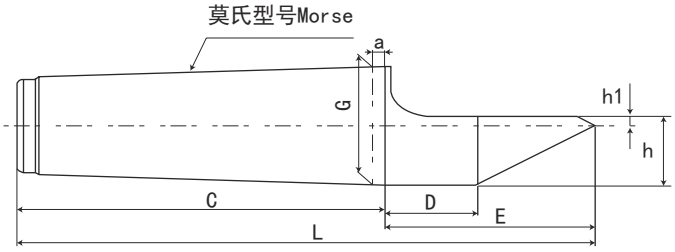
◎材质：GCr15 轴承钢 /T8/T10 碳素工具钢
◎热处理硬度：HRC58-62
◎锥度接触面：＞ 85%
◎适用于车床、铣床、偏摆仪等，如磨床使用请选择固定合金顶尖

Features:

◎ Material：GCr15Bearing steel/T8/T10Carbon tool steel
◎ Heat treatment hardness：HRC58-62
◎ Taper Interface：＞ 85%
◎ Suitable for lathe, milling machine, offset runout detection instrument and so on, if use for grinding machine, please choose dead alloy center.

半缺固定顶尖 HALF-NOTCHED DEAD CENTER





莫氏型号 Morse	规格 Type	G	L	C	D	E	h	h1	a	重量 KGS	精度 Accuracy
MT1	BQGDDJ-MT1-60°	12.065	80	57	10.5	23	7.6	1.5	3.5	0.037	0.003
MT2	BQGDDJ-MT2-60°	17.780	100	69	15.5	31	11	2	5	0.13	0.003
MT3	BQGDDJ-MT3-60°	23.825	125	86	18	39	15	3	5	0.314	0.003
MT4	BQGDDJ-MT4-60°	31.267	160	109	23.5	51	21	5	6.5	0.656	0.003
MT5	BQGDDJ-MT5-60°	44.399	200	136	25	64	29	7	6.5	1.762	0.003
MT6	BQGDDJ-MT6-60°	63.348	280	190	35	90	42	10	8	4.625	0.003

特点：

◎材质：GCr15 轴承钢 /T8/T10 碳素工具钢
◎热处理硬度：HRC58-62
◎锥度接触面：＞ 85%
◎适用于车床、铣床、偏摆仪等，如磨床使用请选择固定合金顶尖

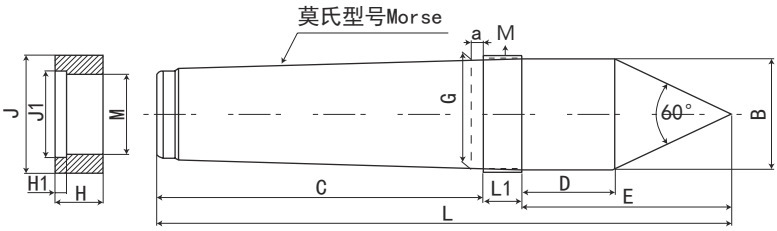
Features:

◎ Material：GCr15Bearing steel/T8/T10Carbon tool steel
◎ Heat treatment hardness：HRC58-62
◎ Taper Interface：＞ 85%
◎ Suitable for lathe, milling machine, offset runout detection instrument and so on, if use for grinding machine, please choose dead alloy center.

固定顶尖系列 DEAD CENTER SERIES

带螺帽压出固定顶尖 DEAD CENTER WITH REMOVABLE NUT





莫氏型号 Morse	规格 Type	G	L	L1	C	D	E	B	a	M	J	J1	H	H1	重量 KGS	精度 Accuracy
MT1	LMGDDJ-MT1-60°	12.065	95	12	57	16.5	26	11	3.5	M14*1.5P	26	16	12	4	0.057	0.003
MT2	LMGDDJ-MT2-60°	17.780	115	12	69	20	34	16	5	M20*1.5P	33	22	12	4	0.15	0.003
MT3	LMGDDJ-MT3-60°	23.825	140	15	86	20	39	22	5	M26*1.5P	43	28	15	5	0.334	0.003
MT4	LMGDDJ-MT4-60°	31.267	175	15	109	25	51	30	6.5	M34*1.5P	53	38	15	5	0.746	0.003
MT5	LMGDDJ-MT5-60°	44.399	220	20	136	27	64	43	6.5	M47*2.0P	63	49	20	7	1.862	0.003
MT6	LMGDDJ-MT6-60°	63.348	300	20	190	35	90	62	8	M68*2.0P	88	70	20	7	4.925	0.003
公制 80	LMGDDJ-GZ80-60°	80.00	330	30	204	32	96	80	8	M84*2.0P	118	86	30	10	11.5	0.003
公制 100	LMGDDJ-GZ100-60°	100.00	390	30	242	31	118	100	10	M104*2.0P	128	106	30	10	18.5	0.003
公制 120	LMGDDJ-GZ120-60°	120.00	445	30	280	31	135	120	12	M124*2.0P	148	126	30	10	37.5	0.003

特点：

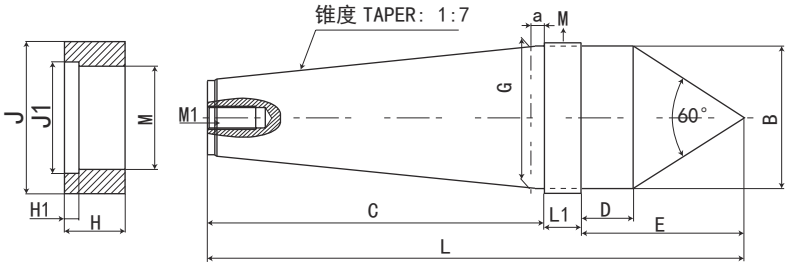
◎材质：GCr15 轴承钢 /T8/T10 碳素工具钢
◎热处理硬度：HRC58-62
◎锥度接触面：＞ 85%
◎适用于车床、铣床、偏摆仪等，如磨床使用请选择固定合金顶尖

Features:

◎ Material：GCr15Bearing steel/T8/T10Carbon tool steel
◎ Heat treatment hardness：HRC58-62
◎ Taper Interface：＞ 85%
◎ Suitable for lathe, milling machine, offset runout detection instrument and so on, if use for grinding machine, please choose dead alloy center.

重型轧辊车床用固定顶尖 DEAD CENTER FOR HEAVY ROLL LATHE





莫氏型号 Morse	规格 Type	G	L	L1	C	D	E	B	度数标记	a	M	M1	J	J1	H	H1	精度 Accuracy
公制 60	GDDJ-GZ60-1：7-60°	60.00	228	20	136	20	72	60	60°	5	M64*2	M16*2.0P	88	66	20	7	0.003
公制 80	GDDJ-GZ80-1：7-60°	80.00	323	30	204	20	89	80	60°	7	M84*2.0P	M16*2.0P	118	86	30	10	0.003
公制 100	GDDJ-GZ100-1：7-60°	100.00	383	30	242	25	111	100	60°	7	M104*2.0P	M16*2.0P	128	106	30	10	0.003
公制 120	GDDJ-GZ120-1：7-60°	120.00	439	30	280	25	129	120	60°	7	M124*2.0P	M16*2.0P	148	126	30	10	0.003
公制 60	GDDJ-GZ60-1：7-75°	60.00	215	20	136	20	59	60	75°	5	M64*2	M16*2.0P	88	66	20	7	0.003
公制 80	GDDJ-GZ80-1：7-75°	80.00	306	30	204	20	72	80	75°	7	M84*2.0P	M16*2.0P	118	86	30	10	0.003
公制 100	GDDJ-GZ100-1：7-75°	100.00	362	30	242	25	90	100	75°	7	M104*2.0P	M16*2.0P	128	106	30	10	0.003
公制 120	GDDJ-GZ120-1：7-75°	120.00	413	30	280	25	103	120	75°	7	M124*2.0P	M16*2.0P	148	126	30	10	0.003
公制 80	GDDJ-GZ80-1：7-90°	80.00	294	30	204	20	60	80	90°	7	M84*2.0P	M16*2.0P	118	86	30	10	0.003
公制 100	GDDJ-GZ100-1：7-90°	100.00	347	30	242	25	75	100	90°	7	M104*2.0P	M16*2.0P	128	106	30	10	0.003
公制 120	GDDJ-GZ120-1：7-90°	120.00	395	30	280	25	85	120	90°	7	M124*2.0P	M16*2.0P	148	126	30	10	0.003

特点：

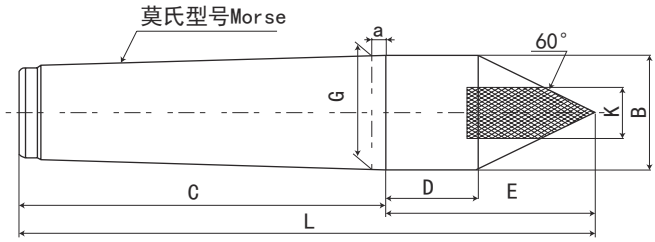
◎材质：GCr15 轴承钢 /T8/T10 碳素工具钢
◎热处理硬度：HRC58-62
◎锥度接触面：＞ 85%
◎适用于重型车床、轧辊车床等重型设备使用

Features:

◎ Material：GCr15Bearing steel/T8/T10Carbon tool steel
◎ Heat treatment hardness：HRC58-62
◎ Taper Interface：＞ 85%
◎ Suitable for heavy lathe, roll lather and other heavy equipment

固定合金顶尖 CARBIDE CENTER





莫氏型号 Morse	规格 Type	G	L	C	D	E	B	K	a	重量 KGS	精度 Accuracy
MT1	GDHJDJ-MT1-F108-60°	12.065	80	57	10.5	23	12.2	8	3.5	0.057	0.003
MT2	GDHJDJ-MT2-F108-60°	17.780	100	69	15.5	31	18	8	5	0.15	0.003
MT3	GDHJDJ-MT3-F112-60°	23.825	125	86	18	39	24.1	12	5	0.334	0.003
MT4	GDHJDJ-MT4-F115-60°	31.267	160	109	23.5	51	31.6	15	6.5	0.746	0.003
MT5	GDHJDJ-MT5-F118-60°	44.399	200	136	25	64	44.7	18	6.5	1.862	0.003
MT6	GDHJDJ-MT6-F124-60°	63.348	280	190	35	90	63.8	24	8	4.925	0.003

特点：

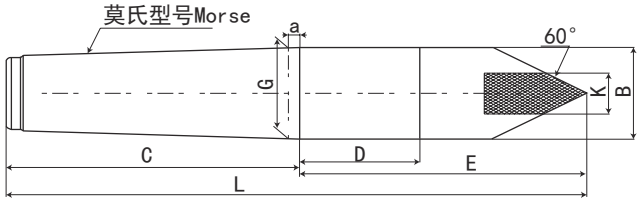
◎材质：40Cr
◎热处理硬度：HRC40-45
◎合金头材质：YG8　硬度：HRC89
◎锥度接触面：＞85%
◎适用于磨床、车床、铣床、偏摆仪等

Features:

◎ Material：40Cr
◎ Heat treatment hardness：HRC40-45
◎ Alloy head Material：YG8　Hardness：HRC89
◎ Taper Interface：＞85%
◎ Suitable for grinding machine, lathes, milling machines, offset runout detection instrument and so on

加长固定合金顶尖 LENGTHEN CARBIDE CENTER





莫氏型号 Morse	规格 Type	G	L	C	D	E	B	K	a	精度 Accuracy
MT1	JCHJDJ-MT1-F108-60° -100L	12.065	100	57	30.5	43	12.2	8	3.5	0.003
MT2	JCHJDJ-MT2-F108-60° -125L	17.780	125	69	40.5	56	18	8	5	0.003
MT3	JCHJDJ-MT3-F112-60° -135L	23.825	135	86	28	49	24.1	12	5	0.003
MT3	JCHJDJ-MT3-F112-60° -150L	23.825	150	86	43	64	24.1	12	5	0.003
MT3	JCHJDJ-MT3-F112-60° -160L	23.825	160	86	53	74	24.1	12	5	0.003
MT4	JCHJDJ-MT4-F115-60° -180L	31.267	180	109	43.5	71	31.6	15	6.5	0.003
MT4	JCHJDJ-MT4-F115-60° -190L	31.267	190	109	53.5	81	31.6	15	6.5	0.003
MT4	JCHJDJ-MT4-F115-60° -200L	31.267	200	109	63.5	91	31.6	15	6.5	0.003
MT4	JCHJDJ-MT4-F115-60° -220L	31.267	220	109	83.5	111	31.6	15	6.5	0.003
MT4	JCHJDJ-MT4-F115-60° -250L	31.267	250	109	113.5	141	31.6	15	6.5	0.003
MT4	JCHJDJ-MT4-F115-60° -280L	31.267	280	109	143.5	171	31.6	15	6.5	0.003
MT4	JCHJDJ-MT4-F115-60° -300L	31.267	300	109	163.5	191	31.6	15	6.5	0.003
MT5	JCHJDJ-MT5-F118-60° -250L	44.399	250	136	75	114	44.7	18	6.5	0.003
MT5	JCHJDJ-MT5-F118-60° -300L	44.399	300	136	125	164	44.7	18	6.5	0.003
MT5	JCHJDJ-MT5-F118-60° -350L	44.399	350	136	175	214	44.7	18	6.5	0.003
MT6	JCHJDJ-MT6-F124-60° -330L	63.348	330	190	85	140	63.8	24	8	0.003

特点：

◎材质：40Cr
◎热处理硬度：HRC40-45
◎合金头材质：YG8　硬度：HRC89
◎锥度接触面：＞85%
◎适用于磨床、车床、铣床、偏摆仪等

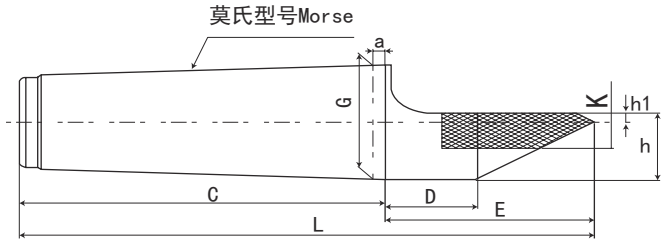
Features:

◎ Material：40Cr
◎ Heat treatment hardness：HRC40-45
◎ Alloy head Material：YG8　Hardness：HRC89
◎ Taper Interface：＞85%
◎ Suitable for grinding machine, lathes, milling machines, offset runout detection instrument and so on

固定顶尖系列 DEAD CENTER SERIES

半缺固定合金顶尖 HALF-NOTCHED CARBIDE CENTER





莫氏型号 Morse	规格 Type	G	L	C	D	E	h	h1	K	a	重量 KGS	精度 Accuracy
MT1	BQHJDJ-MT1-F108-60°	12.065	80	57	10.5	23	7.6	1.5	8	3.5	0.057	0.003
MT2	BQHJDJ-MT2-F108-60°	17.780	100	69	15.5	31	11	2	8	5	0.15	0.003
MT3	BQHJDJ-MT3-F112-60°	23.825	125	86	18	39	15	3	12	5	0.334	0.003
MT4	BQHJDJ-MT4-F115-60°	31.267	160	109	23.5	51	21	5	15	6.5	0.746	0.003
MT5	BQHJDJ-MT5-F118-60°	44.399	200	136	25	64	29	7	18	6.5	1.862	0.003
MT6	BQHJDJ-MT6-F124-60°	63.348	280	190	35	90	42	10	24	8	4.925	0.003

特点：

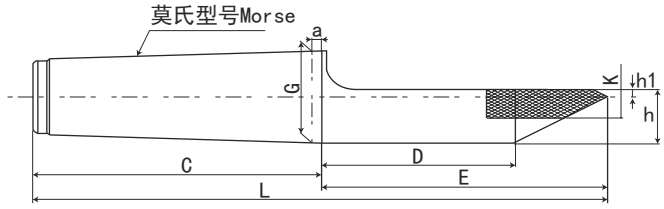
◎材质：40Cr
◎热处理硬度：HRC40-45
◎合金头材质：YG8　硬度：HRC89
◎锥度接触面：＞85%
◎适用于磨床、车床、铣床、偏摆仪等

Features:

◎ Material：40Cr
◎ Heat treatment hardness：HRC40-45
◎ Alloy head Material：YG8　Hardness：HRC89
◎ Taper Interface：＞85%
◎ Suitable for grinding machine, lathes, milling machines, offset runout detection instrument and so on

加长半缺固定合金顶尖 LENGTHEN HALF-NOTCHED CARBIDE CENTER





莫氏型号 Morse	规格 Type	G	L	C	D	E	h	h1	K	a	精度 Accuracy
MT1	JCHJDJ-MT1-F108-60°-100L	12.065	100	57	30.5	43	7.6	1.5	8	3.5	0.003
MT2	JCHJDJ-MT2-F108-60°-125L	17.780	125	69	40.5	56	11	2	8	5	0.003
MT3	JCHJDJ-MT3-F112-60°-135L	23.825	135	86	28	49	15	3	12	5	0.003
MT3	JCHJDJ-MT3-F112-60°-150L	23.825	150	86	43	64	15	3	12	5	0.003
MT3	JCHJDJ-MT3-F112-60°-160L	23.825	160	86	53	74	15	3	12	5	0.003
MT4	JCHJDJ-MT4-F115-60°-180L	31.267	180	109	43.5	71	21	5	15	6.5	0.003
MT4	JCHJDJ-MT4-F115-60°-190L	31.267	190	109	53.5	81	21	5	15	6.5	0.003
MT4	JCHJDJ-MT4-F115-60°-200L	31.267	200	109	63.5	91	21	5	15	6.5	0.003
MT4	JCHJDJ-MT4-F115-60°-220L	31.267	220	109	83.5	111	21	5	15	6.5	0.003
MT4	JCHJDJ-MT4-F115-60°-250L	31.267	250	109	113.5	141	21	5	15	6.5	0.003
MT4	JCHJDJ-MT4-F115-60°-280L	31.267	280	109	143.5	171	21	5	15	6.5	0.003
MT4	JCHJDJ-MT4-F115-60°-300L	31.267	300	109	163.5	191	21	5	15	6.5	0.003
MT5	JCHJDJ-MT5-F118-60°-250L	44.399	250	136	75	114	29	7	18	6.5	0.003
MT5	JCHJDJ-MT5-F118-60°-300L	44.399	300	136	125	164	29	7	18	6.5	0.003
MT5	JCHJDJ-MT5-F118-60°-350L	44.399	350	136	175	214	29	7	18	6.5	0.003
MT6	JCHJDJ-MT6-F124-60°-330L	63.348	330	190	85	140	42	10	24	8	0.003

特点：

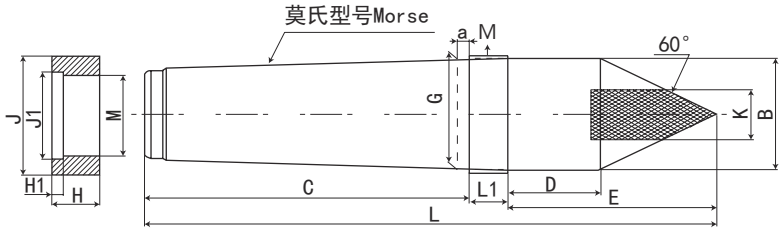
◎材质：40Cr
◎热处理硬度：HRC40-45
◎合金头材质：YG8　硬度：HRC89
◎锥度接触面：＞85%
◎适用于磨床、车床、铣床、偏摆仪等

Features:

◎ Material：40Cr
◎ Heat treatment hardness：HRC40-45
◎ Alloy head Material：YG8　Hardness：HRC89
◎ Taper Interface：＞85%
◎ Suitable for grinding machine, lathes, milling machines, offset runout detection instrument and so on

带螺帽压出固定合金顶尖 CARBIDE CENTER WITH REMOVABLE NUT





莫氏型号 Morse	规格 Type	G	L	L1	C	D	E	B	K	a	M	J	J1	H	H1	精度 Accuracy
MT3	LMHJDJ-MT3-F112-60°	23.825	140	15	86	20	39	22	12	5	M26*1.5P	43	28	15	5	0.003
MT4	LMHJDJ-MT4-F115-60°	31.267	175	15	109	25	51	30	15	6.5	M34*1.5P	53	38	15	5	0.003
MT5	LMHJDJ-MT5-F118-60°	44.399	220	20	136	27	64	43	18	6.5	M47*2.0P	63	49	20	7	0.003
MT5	LMHJDJ-MT5-F124-60°	44.399	220	20	136	27	64	43	24	6.5	M47*2.0P	63	49	20	7	0.003
MT5	LMHJDJ-MT5-F130-60°	44.399	220	20	136	27	64	43	30	6.5	M47*2.0P	63	49	20	7	0.003
MT5	LMHJDJ-MT5-F136-60°	44.399	220	20	136	27	64	43	36	6.5	M47*2.0P	63	49	20	7	0.003
MT5	LMHJDJ-MT5-F140-60°	44.399	220	20	136	27	64	43	40	6.5	M47*2.0P	63	49	20	7	0.003
MT6	LMHJDJ-MT6-F124-60°	63.348	300	20	190	27	90	62	24	8	M68*2.0P	88	70	20	7	0.003
MT6	LMHJDJ-MT6-F140-60°	63.348	300	20	190	27	90	62	40	8	M68*2.0P	88	70	20	7	0.003
MT6	LMHJDJ-MT6-F150-60°	63.348	300	20	190	27	90	62	50	8	M68*2.0P	88	70	20	7	0.003
公制 80	LMHJDJ-GZ80-F140-60°	80.00	330	30	204	32	96	80	40	8	M84*2.0P	118	86	30	10	0.003
公制 80	LMHJDJ-GZ80-F150-60°	80.00	330	30	204	32	96	80	50	8	M84*2.0P	118	86	30	10	0.003
公制 80	LMHJDJ-GZ80-F160-60°	80.00	330	30	204	32	96	80	60	8	M84*2.0P	118	86	30	10	0.003
公制 100	LMHJDJ-GZ100-F140-60°	100.00	390	30	242	31	118	100	40	10	M104*2.0P	128	106	30	10	0.003
公制 100	LMHJDJ-GZ100-F150-60°	100.00	390	30	242	31	118	100	50	10	M104*2.0P	128	106	30	10	0.003
公制 100	LMHJDJ-GZ100-F160-60°	100.00	390	30	242	31	118	100	60	10	M104*2.0P	128	106	30	10	0.003
公制 120	LMHJDJ-GZ120-F150-60°	120.00	445	30	280	31	135	120	50	12	M124*2.0P	148	126	30	10	0.003
公制 120	LMHJDJ-GZ120-F160-60°	120.00	445	30	280	31	135	120	60	12	M124*2.0P	148	126	30	10	0.003

特点：

◎材质：40Cr
◎热处理硬度：HRC40-45
◎合金头材质：YG8　硬度：HRC89
◎锥度接触面：＞85%
◎适用于磨床、车床、铣床、偏摆仪等

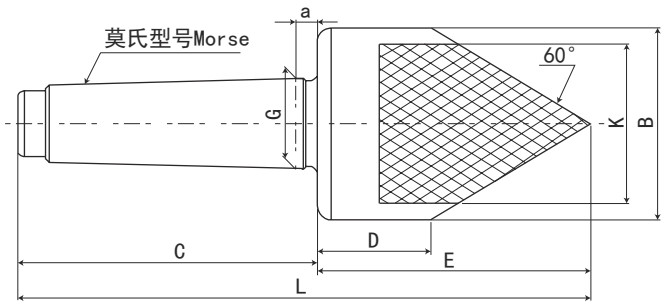
Features:

◎ Material：40Cr
◎ Heat treatment hardness：HRC40-45
◎ Alloy head Material：YG8　Hardness：HRC89
◎ Taper Interface：＞85%
◎ Suitable for grinding machine, lathes, milling machines, offset runout detection instrument and so on

固定顶尖系列 DEAD CENTER SERIES

大头固定合金顶尖 OVERSIZED CARBIDE POINT DEAD CENTER





莫氏型号 Morse	规格 Type	G	L	C	D	E	B	K	a	精度 Accuracy
MT2	DTHJDJ-MT2-F115-60°	17.780	115	69	25	46	24	15	5	0.003
MT2	DTHJDJ-MT2-F118-60°	17.780	117	69	25	48	27	18	5	0.003
MT2	DTHJDJ-MT2-F124-60°	17.780	121	69	25	52	31	24	5	0.003
MT2	DTHJDJ-MT2-F130-60°	17.780	127	69	25	58	38	30	5	0.003
MT3	DTHJDJ-MT3-F115-60°	23.825	131	86	25	45	27	15	5	0.003
MT3	DTHJDJ-MT3-F118-60°	23.825	131	86	25	45	27	18	5	0.003
MT3	DTHJDJ-MT3-F124-60°	23.825	138	86	25	52	31	24	5	0.003
MT3	DTHJDJ-MT3-F130-60°	23.825	145	86	25	59	39	30	5	0.003
MT3	DTHJDJ-MT3-F136-60°	23.825	157	86	30	71	47	36	5	0.003
MT3	DTHJDJ-MT3-F140-60°	23.825	163	86	30	77	54	40	5	0.003
MT3	DTHJDJ-MT3-F150-60°	23.825	171	86	30	85	64	50	5	0.003
MT4	DTHJDJ-MT4-F118-60°	31.267	166	109	30	57	31	18	6.5	0.003
MT4	DTHJDJ-MT4-F124-60°	31.267	173	109	30	64	39	24	6.5	0.003
MT4	DTHJDJ-MT4-F130-60°	31.267	173	109	30	64	39	30	6.5	0.003
MT4	DTHJDJ-MT4-F136-60°	31.267	181	109	30	72	49	36	6.5	0.003
MT4	DTHJDJ-MT4-F140-60°	31.267	191	109	35	82	54	40	6.5	0.003
MT4	DTHJDJ-MT4-F150-60°	31.267	204	109	35	95	69	50	6.5	0.003
MT4	DTHJDJ-MT4-F160-60°	31.267	217	109	40	108	79	60	6.5	0.003
MT4	DTHJDJ-MT4-F170-60°	31.267	226	109	40	117	89	70	6.5	0.003
MT4	DTHJDJ-MT4-F180-60°	31.267	246	109	50	137	100	80	6.5	0.003
MT5	DTHJDJ-MT5-F124-60°	44.399	210	136	38	74	42	24	6.5	0.003
MT5	DTHJDJ-MT5-F130-60°	44.399	210	136	38	74	42	30	6.5	0.003
MT5	DTHJDJ-MT5-F136-60°	44.399	208	136	30	72	49	36	6.5	0.003
MT5	DTHJDJ-MT5-F140-60°	44.399	218	136	35	82	54	40	6.5	0.003
MT5	DTHJDJ-MT5-F150-60°	44.399	231	136	35	95	69	50	6.5	0.003
MT5	DTHJDJ-MT5-F160-60°	44.399	244	136	40	108	79	60	6.5	0.003
MT5	DTHJDJ-MT5-F170-60°	44.399	253	136	40	117	89	70	6.5	0.003
MT5	DTHJDJ-MT5-F180-60°	44.399	273	136	50	137	100	80	6.5	0.003
MT6	DTHJDJ-MT6-F130-60°	63.348	281	190	39	91	60	30	8	0.003
MT6	DTHJDJ-MT6-F136-60°	63.348	281	190	39	91	60	36	8	0.003
MT6	DTHJDJ-MT6-F140-60°	63.348	291	190	49	101	60	40	8	0.003
MT6	DTHJDJ-MT6-F150-60°	63.348	290	190	40	100	69	50	8	0.003
MT6	DTHJDJ-MT6-F160-60°	63.348	303	190	45	113	79	60	8	0.003
MT6	DTHJDJ-MT6-F170-60°	63.348	307	190	40	117	89	70	8	0.003
MT6	DTHJDJ-MT6-F180-60°	63.348	326	190	50	136	100	80	8	0.003

特点：

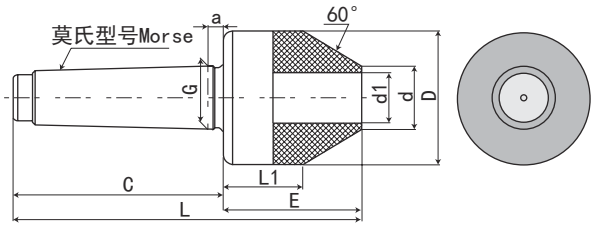
◎材质：40Cr
◎热处理硬度：HRC40-45
◎合金头材质：YG8　硬度：HRC89
◎锥度接触面：＞85%
◎该顶尖加大了头部合金，适合大基准孔的加工使用
◎适用于磨床、车床、铣床、偏摆仪等

Features:

◎ Material：40Cr
◎ Heat treatment hardness：HRC40-45
◎ Alloy head Material：YG8　Hardness：HRC89
◎ Taper Interface：＞85%
◎ With added alloy at the head,the center is applicable to the processing of holes with big benchmarks.
◎ Suitable for grinding machine, lathes, milling machines, offset runout detection instrument and so on

平头固定合金顶尖 FLAT CARBIDE POINT DEAD CENTER



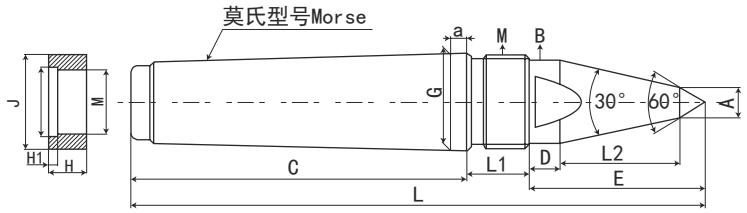


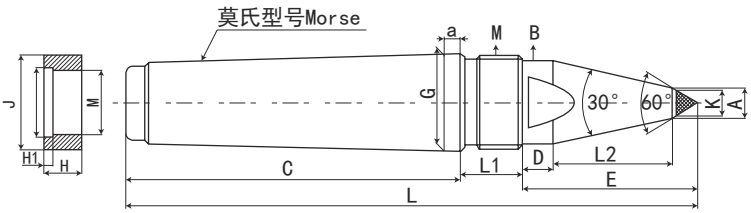
莫氏型号 Morse	规格 Type	G	L	C	L1	E	D	d	d1	a	精度 Accuracy
MT2	PTHJDJ-MT2-D40-d20-60°	17.780	116	69	30	47	40	20	10	5	0.003
MT2	PTHJDJ-MT2-D50-d20-60°	17.780	125	69	30	56	50	20	10	5	0.003
MT2	PTHJDJ-MT2-D60-d30-60°	17.780	130	69	35	61	60	30	20	5	0.003
MT3	PTHJDJ-MT3-D40-d20-60°	23.825	133	86	30	47	40	20	10	5	0.003
MT3	PTHJDJ-MT3-D50-d20-60°	23.825	142	86	30	56	50	20	10	5	0.003
MT3	PTHJDJ-MT3-D60-d30-60°	23.825	147	86	35	61	60	30	20	5	0.003
MT3	PTHJDJ-MT3-D80-d35-60°	23.825	165	86	40	79	80	35	25	5	0.003
MT4	PTHJDJ-MT4-D40-d20-60°	31.267	156	109	30	47	40	20	10	6.5	0.003
MT4	PTHJDJ-MT4-D50-d20-60°	31.267	165	109	30	56	50	20	10	6.5	0.003
MT4	PTHJDJ-MT4-D60-d30-60°	31.267	170	109	35	61	60	30	20	6.5	0.003
MT4	PTHJDJ-MT4-D80-d35-60°	31.267	188	109	40	79	80	35	25	6.5	0.003
MT5	PTHJDJ-MT4-D100-d50-60°	44.399	192	109	40	83	100	50	40	6.5	0.003
MT5	PTHJDJ-MT5-D40-d20-60°	44.399	183	136	30	47	40	20	10	6.5	0.003
MT5	PTHJDJ-MT5-D50-d20-60°	44.399	192	136	30	56	50	20	10	6.5	0.003
MT5	PTHJDJ-MT5-D60-d30-60°	44.399	197	136	35	61	60	30	20	6.5	0.003
MT5	PTHJDJ-MT5-D80-d35-60°	44.399	215	136	40	79	80	35	25	6.5	0.003
MT5	PTHJDJ-MT5-D100-d50-60°	44.399	219	136	40	83	100	50	40	6.5	0.003
MT6	PTHJDJ-MT6-D60-d30-60°	63.348	251	190	35	61	60	30	20	8	0.003
MT6	PTHJDJ-MT6-D80-d35-60°	63.348	269	190	40	79	80	35	25	8	0.003
MT6	PTHJDJ-MT6-D100-d50-60°	63.348	273	190	40	83	100	50	40	8	0.003

CNC 用固定顶尖 CNC THREADED DEAD CENTER









莫氏型号 Morse	规格 Type	G	L	L1	L2	C	D	E	B	K	A	a	M	J	J1	H	H1	精度 Accuracy
MT3	CNCGDDJ-MT3-60°	23.825	149	20	22	86	12	43	22	/	10	5	M26*1.5P	43	28	15	5	0.003
MT3	CNCGDHJDJ-MT3-F106-60°	23.825	149	20	22	86	12	43	22	6	10	5	M26*1.5P	43	28	15	5	0.003
MT4	CNCGDDJ-MT4-60°	31.267	186	20	33	109	14	57	30	/	12	6.5	M34*1.5P	53	38	15	5	0.003
MT4	CNCGDHJDJ-MT4-F108-60°	31.267	186	20	33	109	14	57	30	8	12	6.5	M34*1.5P	53	38	15	5	0.003
MT5	CNCGDDJ-MT5-60°	44.399	236	25	45	136	16	75	40	/	16	6.5	M47*2.0P	63	49	20	7	0.003
MT5	CNCGDHJDJ-MT5-F112-60°	44.399	236	25	45	136	16	75	40	12	16	6.5	M47*2.0P	63	49	20	7	0.003

特点：

◎顶尖头部减小直径，适合 CNC 机床细轴或端面加工使用。

◎顶尖使用合金工具，经热处理后，具备高钢性和高耐磨性。

◎锥体大端配有拆卸螺纹，方便拆卸，提高使用效率。

◎顶尖头部镶嵌了硬质合金，具备高耐磨性。

Features:

◎ With reduced diameter of the head,the center is applicable to the processing of thin shaft or end faces of CNC lathes.

◎ The center is made of alloy tool steel and its hardness after being heat treated has high steel performance and high wear resistance.

◎ Withe disassembling thread on the big end of the cone,it is easy to disassemble so as to improve the efficiency.

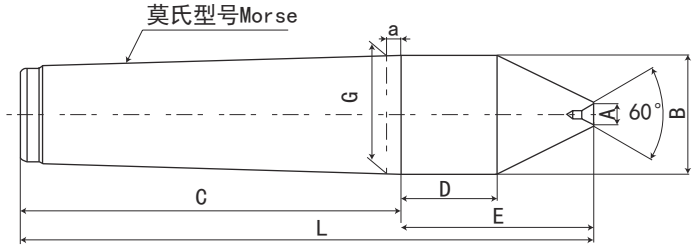
◎ The center head is embedded with hard alloy to improve the wear resistance.

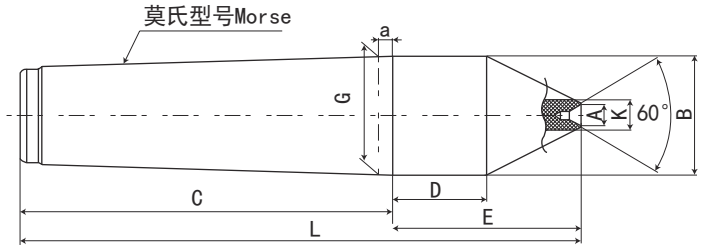
固定顶尖系列 DEAD CENTER SERIES

固定内凹顶尖 FEMALE SOLID CENTERS OF CARBIDE TIPPED









莫氏型号 Morse	规格 Type	G	L	C	D	E	B	K	A	a	精度 Accuracy
MT1	GDNADJ-MT1-60°	12.065	73	57	11	16	12.2	/		3.5	0.003
MT1	GDNAHJDJ-MT1-K6-60°	12.065	73	57	11	16	12.2	6		3.5	0.003
MT2	GDNADJ-MT2-60°	17.780	93	69	16	24	18	/		5	0.003
MT2	GDNAHJDJ-MT2-K8-60°	17.780	93	69	16	24	18	8		5	0.003
MT3	GDNADJ-MT3-60°	23.825	118	86	18	32	24.1	/		5	0.003
MT3	GDNAHJDJ-MT3-K8-60°	23.825	118	86	18	32	24.1	8		5	0.003
MT4	GDNADJ-MT4-60°	31.267	153	109	24	44	31.6	/		6.5	0.003
MT4	GDNAHJDJ-MT4-K8-60°	31.267	153	109	24	44	31.6	8		6.5	0.003

特点:

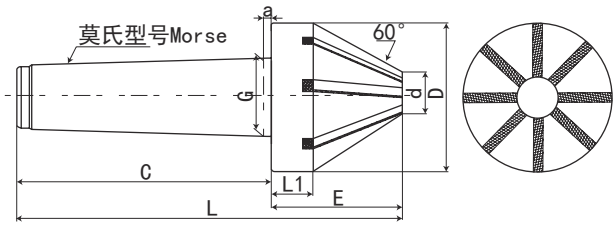
◎心轴头部为反中心孔设计，专门用于 60°工艺基准或其他反中心基准使用

Features:

◎ With the anti-central-hole design in the mandrel head,it is specially designed to process 60 ° technique benchmark or other anti-central-hole benchmarks.

固定合金条顶尖 DEAD ALLOY BAR CENTER





莫氏型号 Morse	规格 Type	G	L	L1	C	E	D	d	a	合金条数量 P	精度 Accuracy
MT2	HJTDJ-MT2-D63-d25-60° -6P	17.780	132	30	69	63	63	25	5	6	0.003
MT3	HJTDJ-MT3-D63-d25-60° -6P	23.825	149	30	86	63	63	25	5	6	0.003
MT3	HJTDJ-MT3-D83-d35-60° -9P	23.825	158	30	86	72	83	35	5	9	0.003
MT4	HJTDJ-MT4-D63-d25-60° -6P	31.267	172	30	109	63	63	25	6.5	6	0.003
MT4	HJTDJ-MT4-D83-d35-60° -9P	31.267	181	30	109	72	83	35	6.5	9	0.003
MT4	HJTDJ-MT4-D103-d50-60° -12P	31.267	185	30	109	76	103	50	6.5	12	0.003
MT5	HJTDJ-MT5-D63-d25-60° -6P	44.399	199	30	136	63	63	25	6.5	6	0.003
MT5	HJTDJ-MT5-D83-d35-60° -9P	44.399	208	30	136	72	83	35	6.5	9	0.003
MT5	HJTDJ-MT5-D103-d50-60° -12P	44.399	212	30	136	76	103	50	6.5	12	0.003

特点：

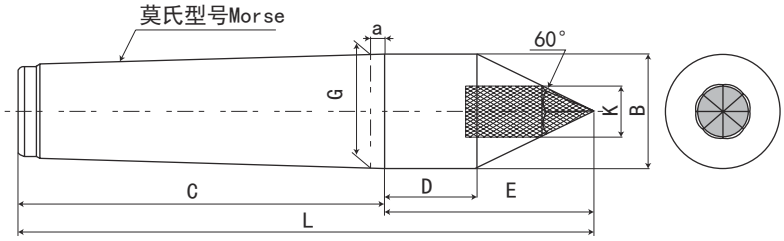
◎材质：40Cr
◎热处理硬度：HRC40-45
◎合金条材质：YG8　硬度：HRC89
◎锥度接触面：＞85%
◎该顶尖加大了头部合金，适合大基准孔的加工使用
◎适用于磨床、车床、铣床、偏摆仪等

Features:

◎ Material：40Cr
◎ Heat treatment hardness：HRC40-45
◎ Alloy bar Material：YG8　Hardness：HRC89
◎ Taper Interface：＞85%
◎ With added alloy at the head,the center is applicable to the processing of holes with big benchmarks.
◎ Suitable for grinding machine, lathes, milling machines, offset runout detection instrument and so on

固定合金研磨顶尖 CARBIDE GRIND CENTER





莫氏型号 Morse	规格 Type	G	L	C	D	E	B	K	a	精度 Accuracy
MT1	HJYMDJ-MT1-F108-60°	12.065	80	57	10.5	23	12.2	8	3.5	0.003
MT2	HJYMDJ-MT2-F108-60°	17.780	100	69	15.5	31	18	8	5	0.003
MT3	HJYMDJ-MT3-F112-60°	23.825	125	86	18	39	24.1	12	5	0.003
MT4	HJYMDJ-MT4-F115-60°	31.267	160	109	23.5	51	31.6	15	6.5	0.003
MT5	HJYMDJ-MT5-F118-60°	44.399	200	136	25	64	44.7	18	6.5	0.003
MT6	HJYMDJ-MT6-F124-60°	63.348	280	190	35	90	63.8	24	8	0.003

特点：

◎材质：40Cr
◎热处理硬度：HRC40-45
◎合金头材质：YG8　硬度：HRC89
◎锥度接触面：＞85%
◎利用顶尖头棱角对工件中心孔进入研磨，从而提高工件加工精度。
◎顶尖头镶嵌硬质合金。

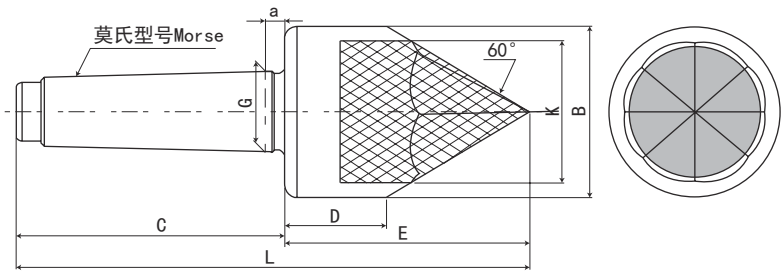
Features:

◎ Material：40Cr
◎ Heat treatment hardness：HRC40-45
◎ Alloy head Material：YG8　Hardness：HRC89
◎ Taper Interface：＞85%
◎ The parts automatic lapping for sure the centre hole.
◎ The center end with carbide.

固定顶尖系列 DEAD CENTER SERIES

大头固定合金研磨顶尖 OVERSIZED CARBIDE POINT DEAD GRIND CENTER

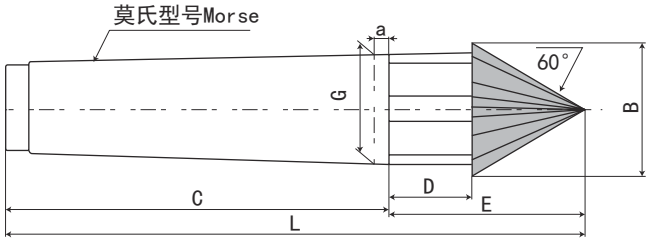




莫氏型号 Morse	规格 Type	G	L	C	D	E	B	K	a	精度 Accuracy
MT1	DTHJYMDJ-MT1-F112-60°	12.065	103	57	25	46	24	12	3.5	0.003
MT1	DTHJYMDJ-MT1-F115-60°	12.065	103	57	25	46	24	15	3.5	0.003
MT2	DTHJYMDJ-MT2-F115-60°	17.780	115	69	25	46	24	15	5	0.003
MT2	DTHJYMDJ-MT2-F118-60°	17.780	117	69	25	48	27	18	5	0.003
MT2	DTHJYMDJ-MT2-F124-60°	17.780	121	69	25	52	31	24	5	0.003
MT3	DTHJYMDJ-MT3-F115-60°	23.825	131	86	25	45	27	15	5	0.003
MT3	DTHJYMDJ-MT3-F118-60°	23.825	131	86	25	45	27	18	5	0.003
MT3	DTHJYMDJ-MT3-F124-60°	23.825	138	86	25	52	31	24	5	0.003
MT3	DTHJYMDJ-MT3-F130-60°	23.825	145	86	25	59	39	30	5	0.003
MT4	DTHJYMDJ-MT4-F118-60°	31.267	166	109	30	57	31	18	6.5	0.003
MT4	DTHJYMDJ-MT4-F124-60°	31.267	173	109	30	64	39	24	6.5	0.003
MT4	DTHJYMDJ-MT4-F130-60°	31.267	173	109	30	64	39	30	6.5	0.003
MT4	DTHJYMDJ-MT4-F136-60°	31.267	181	109	30	72	49	36	6.5	0.003
MT4	DTHJYMDJ-MT4-F140-60°	31.267	191	109	35	82	54	40	6.5	0.003
MT5	DTHJYMDJ-MT5-F124-60°	44.399	210	136	38	74	42	24	6.5	0.003
MT5	DTHJYMDJ-MT5-F130-60°	44.399	210	136	38	74	42	30	6.5	0.003
MT5	DTHJYMDJ-MT5-F136-60°	44.399	210	136	38	74	42	36	6.5	0.003
MT5	DTHJYMDJ-MT5-F140-60°	44.399	208	136	30	72	49	40	6.5	0.003

万能固定合金顶尖 UNIVERSAL CARBIDE CENTER





莫氏型号 Morse	规格 Type	G	L	C	D	E	B	a	精度 Accuracy
MT1	WNHJDJ-MT1-F115-60°	12.065	80	57	10	23	15	3.5	0.003
MT2	WNHJDJ-MT2-F121-60°	17.780	100	69	13	31	21	5	0.003
MT3	WNHJDJ-MT3-F125-60°	23.825	125	86	17	39	25	5	0.003
MT4	WNHJDJ-MT4-F135-60°	31.267	160	109	21	61	35	6.5	0.003
MT5	WNHJDJ-MT5-F150-60°	44.399	200	136	21	64	50	6.5	0.003
MT6	WNHJDJ-MT6-F170-60°	63.348	280	190	29	90	70	8	0.003

特点：

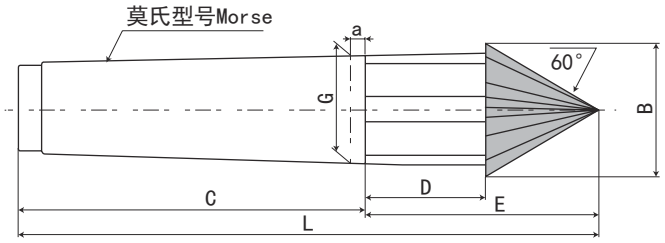
◎材质：40Cr
◎热处理硬度：HRC40-45
◎合金头材质：YG8　硬度：HRC89
◎锥度接触面：＞85%
◎利用顶尖头棱角对工件中心孔进入研磨，从而提高工件加工精度。
◎顶尖头镶嵌硬质合金。
◎适用于磨床、车床、铣床、偏摆仪等

Features:

◎ Material：40Cr
◎ Heat treatment hardness：HRC40-45
◎ Alloy head Material：YG8　Hardness：HRC89
◎ Taper Interface：＞85%
◎ The parts automatic lapping for sure the centre hole.
◎ The center end with carbide.
◎ Suitable for grinding machine, lathes, milling machines, offset runout detection instrument and so on

加长万能固定合金顶尖 LENGTHEN UNIVERSAL CARBIDE CENTER

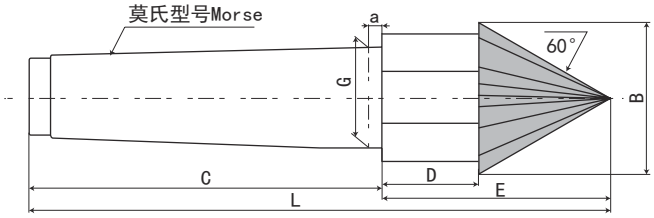




莫氏型号 Morse	规格 Type	G	L	C	D	E	B	a	精度 Accuracy
MT1	JCWNHJDJ-MT1-F115-60° -90L	12.065	90	57	20	33	15	3.5	0.003
MT2	JCWNHJDJ-MT2-F121-60° -110L	17.780	110	69	23	41	21	5	0.003
MT3	JCWNHJDJ-MT3-F125-60° -140L	23.825	140	86	32	54	25	5	0.003
MT4	JCWNHJDJ-MT4-F135-60° -180L	31.267	180	109	41	71	35	6.5	0.003
MT5	JCWNHJDJ-MT5-F150-60° -220L	44.399	220	136	41	84	50	6.5	0.003
MT6	JCWNHJDJ-MT6-F170-60° -300L	63.348	300	190	49	110	70	8	0.003

大头万能固定合金顶尖 OVERSIZED UNIVERSAL CARBIDE CENTER





莫氏型号 Morse	规格 Type	G	L	C	D	E	B	a	精度 Accuracy
MT2	DTWNHJDJ-MT2-F125-60°	17.780	110	69	19	41	25	5	0.003
MT2	DTWNHJDJ-MT2-F135-60°	17.780	110	69	11	41	35	5	0.003
MT3	DTWNHJDJ-MT3-F135-60°	23.825	140	86	23	54	35	5	0.003
MT3	DTWNHJDJ-MT3-F150-60°	23.825	140	86	10	54	50	5	0.003
MT4	DTWNHJDJ-MT4-F150-60°	31.267	180	109	27	71	50	6.5	0.003
MT4	DTWNHJDJ-MT4-F170-60°	31.267	180	109	10	71	70	6.5	0.003
MT5	DTWNHJDJ-MT5-F170-60°	44.399	220	136	23	84	70	6.5	0.003
MT5	DTWNHJDJ-MT5-F180-60°	44.399	220	136	15	84	80	6.5	0.003
MT6	DTWNHJDJ-MT6-F180-60°	63.348	300	190	41	110	80	8	0.003
MT6	DTWNHJDJ-MT6-F195-60°	63.348	300	190	28	110	95	8	0.003

特点：

◎材质：40Cr
◎热处理硬度：HRC40-45
◎合金头材质：YG8　硬度：HRC89
◎锥度接触面：＞85%
◎利用顶尖头棱角对工件中心孔进入研磨，从而提高工件加工精度。
◎顶尖头镶嵌硬质合金。
◎适用于磨床、车床、铣床、偏摆仪等

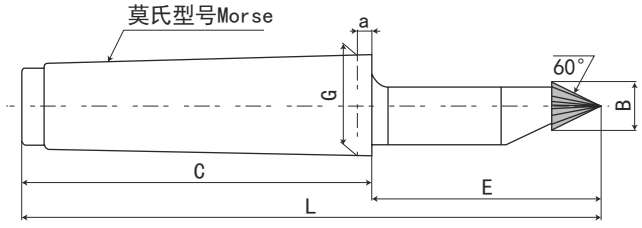
Features:

◎ Material：40Cr
◎ Heat treatment hardness：HRC40-45
◎ Alloy head Material：YG8　Hardness：HRC89
◎ Taper Interface：＞85%
◎ The parts automatic lapping for sure the centre hole.
◎ The center end with carbide.
◎ Suitable for grinding machine, lathes, milling machines, offset runout detection instrument and so on

固定顶尖系列 DEAD CENTER SERIES

半缺万能固定合金顶尖 HALF-NOTCHED UNIVERSAL CARBIDE CENTER

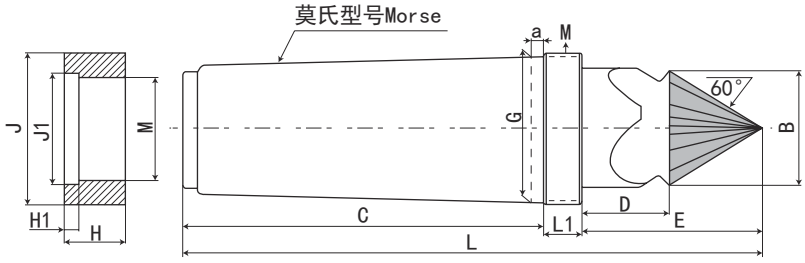




莫氏型号 Morse	规格 Type	G	C	E	L	B	a	加长型 L	超加长型 L	精度 Accuracy
MT2	WNDJ-MT2-BQ7.5-60° -110L	17.78	69	41	110	7.5	5	120	130	0.003
MT2	WNDJ-MT2-BQ10.5-60° -110L	17.78	69	41	110	10.5	5	120	130	
MT2	WNDJ-MT2-BQ15-60° -110L	17.78	69	41	110	15	5	120	130	
MT3	WNDJ-MT3-BQ7.5-60° -140L	23.825	86	54	140	7.5	5	160	180	
MT3	WNDJ-MT3-BQ10.5-60° -140L	23.825	86	54	140	10.5	5	160	180	
MT3	WNDJ-MT3-BQ15-60° -140L	23.825	86	54	140	15	5	160	180	
MT3	WNDJ-MT3-BQ21-60° -140L	23.825	86	54	140	21	5	160	180	
MT4	WNDJ-MT4-BQ7.5-60° -180L	31.267	109	71	180	7.5	6.5	200	220	
MT4	WNDJ-MT4-BQ10.5-60° -180L	31.267	109	71	180	10.5	6.5	200	220	
MT4	WNDJ-MT4-BQ15-60° -180L	31.267	109	71	180	15	6.5	200	220	
MT4	WNDJ-MT4-BQ21-60° -180L	31.267	109	71	180	21	6.5	200	220	
MT5	WNDJ-MT5-BQ10.5-60° -220L	44.399	136	84	220	10.5	6.5	250	280	
MT5	WNDJ-MT5-BQ15-60° -120L	44.399	136	84	220	15	6.5	250	280	
MT5	WNDJ-MT5-BQ21-60° -220L	44.399	136	84	220	21	6.5	250	280	
MT5	WNDJ-MT5-BQ25-60° -220L	44.399	136	84	220	25	6.5	250	280	
MT6	WNDJ-MT6-BQ21-60° -300L	63.348	190	110	300	21	8	320	360	
MT6	WNDJ-MT6-BQ25-60° -300L	63.348	190	110	300	25	8	320	360	
MT6	WNDJ-MT6-BQ35-60° -300L	63.348	190	110	300	35	8	320	360	

带螺帽压出万能固定合金顶尖 UNIVERSAL CARBIDE CENTER WITH REMOVABLE NUT





莫氏型号 Morse	G	C	D	E	L	L1	B	a	H	H1	J	J1	螺纹 M	最大径向力【KN】	最大轴向力【KN】	精度 Accuracy
LMWNDJ-MT6-F170-60°	63.348	190	29	90	300	20	70	8	20	7	88	70	M68*2	130	2240	0.003
LMWNDJ-MT6-F180-60°	63.348	190	29	90	308	20	80	8	20	7	88	70	M68*2	130	2240	
LMWNDJ-MT6-F195-60°	63.348	190	29	110	320	20	95	8	20	7	88	70	M68*2	130	2240	
LMWNDJ- 公制 80-F170-60°	80	204	65	126	360	30	70	8	30	10	118	86	M84*2	154	3579	
LMWNDJ- 公制 80-F180-60°	80	204	57	126	360	30	80	8	30	10	118	86	M84*2	154	3579	
LMWNDJ- 公制 80-F195-60°	80	204	44	126	360	30	95	8	30	10	118	86	M84*2	154	3579	
LMWNDJ- 公制 100-F180-60°	100	242	109	178	450	30	80	10	30	10	128	106	M104*2	225	6405	
LMWNDJ- 公制 100-F195-60°	100	242	96	178	450	30	95	10	30	10	128	106	M104*2	225	6405	
LMWNDJ- 公制 120-F180-60°	120	280	181	250	560	30	80	12	30	10	148	126	M124*2	240	6460	
LMWNDJ- 公制 120-F195-60°	120	280	168	250	560	30	95	12	30	10	148	126	M124*2	240	6460	

特点：

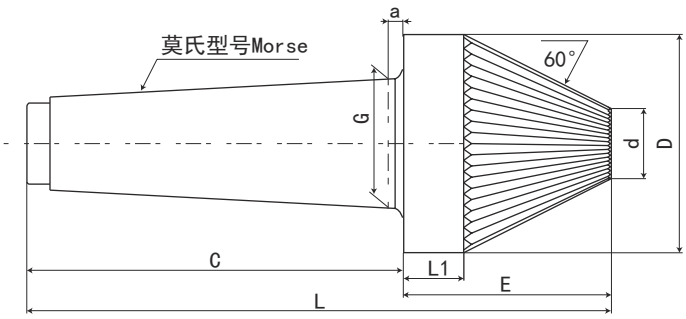
◎材质：40Cr
◎热处理硬度：HRC40-45
◎合金头材质：YG8　硬度：HRC89
◎锥度接触面：＞85%
◎利用顶尖头棱角对工件中心孔进入研磨，从而提高工件加工精度。
◎顶尖头镶嵌硬质合金。
◎适用于磨床、车床、铣床、偏摆仪等

Features:

◎ Material：40Cr
◎ Heat treatment hardness：HRC40-45
◎ Alloy head Material：YG8　Hardness：HRC89
◎ Taper Interface：＞85%
◎ The parts automatic lapping for sure the centre hole.
◎ The center end with carbide.
◎ Suitable for grinding machine, lathes, milling machines, offset runout detection instrument and so on

梅花驱动顶尖 PLUM DRIVE CENTER

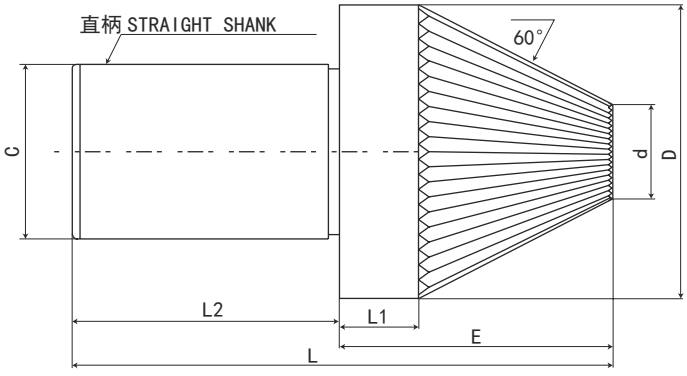




莫氏型号 Morse	规格 Type	G	L	L1	C	E	D	d	a
MT3	MHDJ-MT3-D49-d15-60°	23.825	146	30	86	60	49	15	5
MT4	MHDJ-MT4-D49-d15-60°	31.267	169	30	109	60	49	15	6.5
MT4	MHDJ-MT4-D69-d20-60°	31.267	181	30	109	72	69	20	6.5
MT4	MHDJ-MT4-D103-d20-60°	31.267	211	30	109	102	103	20	6.5
MT5	MHDJ-MT5-D49-d15-60°	44.399	196	30	136	60	49	15	6.5
MT5	MHDJ-MT5-D69-d20-60°	44.399	208	30	136	72	69	20	6.5
MT5	MHDJ-MT5-D103-d20-60°	44.399	238	30	136	102	103	20	6.5
MT6	MHDJ-MT6-D103-d20-60°	63.348	292	30	190	102	103	20	8
MT6	MHDJ-MT6-D148-d50-60°	63.348	305	30	190	115	148	50	8

直柄梅花驱动顶尖 STRAIGHT SHANK PLUM DRIVE CENTER





规格 Type	C	L	L1	L2	E	D	d
ZBMHDJ-C32-D49-d15-60°	32	110	30	50	60	49	15
ZBMHDJ-C32-D69-d20-60°	32	122	30	50	72	69	20
ZBMHDJ-C40-D103-d20-60°	40	152	30	50	102	103	20

特点：

◎材质：GCr15 轴承钢 /T8/T10 碳素工具钢

◎热处理硬度：HRC58-62

◎此免夹顶针因机械之结构，故障率低。经深冷热处理为（HRC60° ±1°）。

◎以往车床加工使用传动夹来带动，避免工作物之停止，此免夹顶针在本体端面有 6T 及 8T 之设计来顶住加工之端面，就可免用传动夹，使加工方便速度更快。

◎此免夹顶针，滚齿机械可使用。

Features:

◎ Material：GCr15Bearing steel/T8/T10Carbon tool steel

◎ Heat treatment hardness：HRC58-62

◎ Body and center shaft are made of alloy steel with heat and sub-zero treatment.
Hardened:HRC60° ±1°

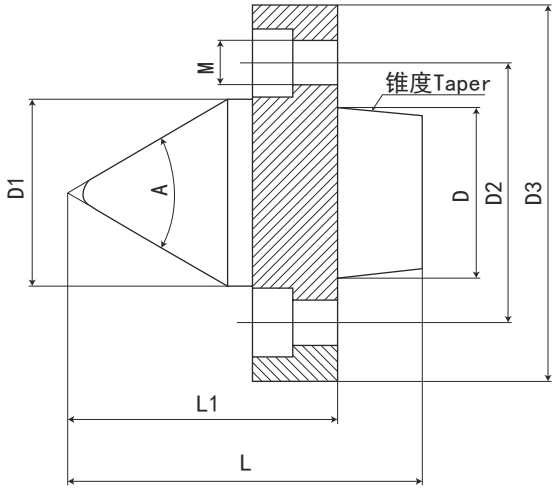
◎ Driving dog is reqired for traditional lathes turning to prevent workpiece from stopping.These work driving centers are either with 6 teeth or 8 teeth design for superseding the driving dogs.It supports the workpiece on end surface for easy setup and rapid machinging.

◎ The work-driving center is also applicable for gear hobbing machine.

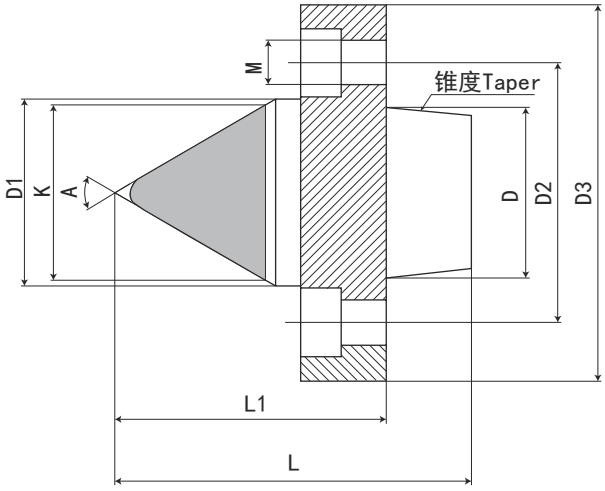
固定顶尖系列 DEAD CENTER SERIES

ZGM 轧辊磨床顶尖 ZGM ROLL GRINDER CENTER









规格 / 型号 Model	L	L1	L2	D	D3	D2	D1	M	A	K	锥度 Taper	精度 Accuracy
ZGMDJ-D80-1:4-60°	135	113	22	80.00	140	110	80	6-17.5	60°	50	1: 4	0.005
ZGMDJ-D80-1:4-75°	120	98	22	80.00	140	110	80	6-17.5	75°	50	1: 4	0.005
ZGMDJ-D80-1:4-90°	106	84	22	80.00	140	110	80	6-17.5	90°	50	1: 4	0.005
ZGMDJ-D100-1:5-60°	210	160	50	100.00	220	152	110	8-26	60°	60	1: 5	0.005
ZGMDJ-D100-1:5-75°	190	140	50	100.00	220	152	110	8-26	75°	60	1: 5	0.005
ZGMDJ-D100-1:5-90°	170	120	50	100.00	220	152	110	8-26	90°	60	1: 5	0.005
ZGMDJ-D110-1:5-60°	165	139	26	110.00	180	145	100	6-22	60°	60	1: 5	0.005
ZGMDJ-D110-1:5-75°	144	118	26	110.00	180	145	100	6-22	75°	60	1: 5	0.005
ZGMDJ-D110-1:5-90°	128	102	26	110.00	180	145	100	6-22	90°	60	1: 5	0.005
ZGMDJ-D120-1:5-60°	244	184	60	120.00	232	180	130	8-26	60°	70	1: 5	0.005
ZGMDJ-D120-1:5-75°	216	156	60	120.00	232	180	130	8-26	75°	70	1: 5	0.005
ZGMDJ-D120-1:5-90°	197	137	60	120.00	232	180	130	8-26	90°	70	1: 5	0.005
ZGMDJ-D125-1:4-60°	195	165	30	125.00	220	170	125	8-26	60°	70	1: 4	0.005
ZGMDJ-D125-1:4-75°	169	139	30	125.00	220	170	125	8-26	75°	70	1: 4	0.005
ZGMDJ-D125-1:4-90°	150	120	30	125.00	220	170	125	8-26	90°	70	1: 4	0.005

特点：

◎ ZGMDJ 系列重型短锥固定顶尖是最新开发的产品，专为重大型数控磨床、轧辊磨床，及重型车床使用的顶尖，采用优质钢材制作而成，有精度高、承载力大，耐磨损、使用寿命长，便于安装等特点。在大多数情况下安装于主轴和尾座上，是大型车、磨设备提高加工效率，保证加工精度的重要附件。可根据用户需要制作各种非标加重型顶尖。

Features:

◎ The ZGMDJ series heavy-duty short taper dead center is the latest development of products, designed for the large and heavy duty of CNC grinding machine, roll grinder, and other heavy lathe, the use of high quality steel produced with high precision, large bearing capacity, abrasion resistance, long service life, convenient installation and so on. In most cases under installed on the spindle and the tail seat of the large lathe, grinding equipment, this type cneter is the important accessories to improve the machining efficiency and guarantee machining precision . And also can be customed all kinds of non-standard and heavt-duty center according to user needs.

机床附件
MACHINE TOOL ACCESSORIES



机床附件
MACHINE TOOL ACCESSORIES

JXT25-50 快换铣夹头 JXT25-50 QUICK ACTION MILLING CHUCK



JXT25-50 套装	JXT25-50 Suit
规格 / 型号 Model	JXT25-50
快换主体一支	quick-action mount 1PCS
45-C32 强力刀柄一支	45-C32 collet chuck 1PCS
C32-6/8/10/12/14/16/18/20/25 共 8 支	C32-6/8/10/12/14/16/18/20/25-8PCS
快换中间套 45-MT2 一支	45-MT2 Quick change Morse set 1PCS
快换中间套 45-MT3 一支	45-MT3 Quick change Morse set 1PCS
快换中间套 45-MT4 一支	45-MT4 Quick change Morse set 1PCS
快换钻接杆 B16 一支	B16 Drill chuck arbors 1PCS
1-13mm 钻夹头一支	1-13mm Drill chuck 1PCS
45-FMB40 铣刀柄一支	45-FMB40 Milling cutter shank 1PCS
C32 勾头扳手一支	C32 spanner 1PCS
C42 勾头扳手一支	C42 spanner 1PCS

特点：

◎ JXT25-50 型快换铣夹头适用于各种镗床 / 铣床使用，锥柄分为：莫氏 MTA5/MTA6/ 公制 80。7:24 锥度 BT50/NT50/JT50 等。多种刀柄能快速更换，尤其适用于立铣、卧铣上进行立铣、面铣、钻孔、镗孔作业，不但更换刀具简单迅速，而且能大大地减轻工人的劳动强度，缩短辅助时间，是当前铣床和同类机床不可缺少的附件之一。

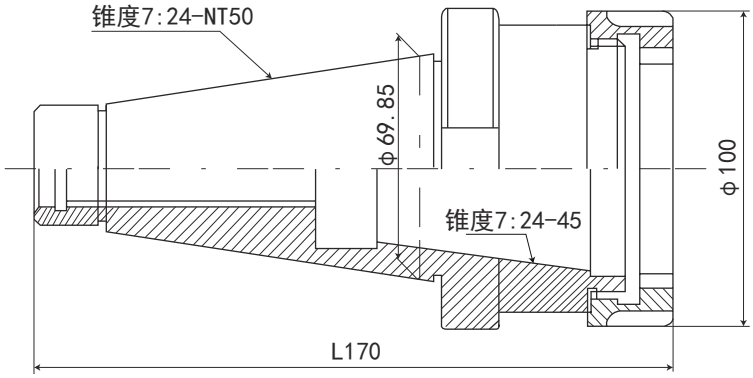
Features:

◎ Type JXT25-50 milling chuck is designed for the milling machines with spindle with taperhole of 7:24 and large end diameter of 69.85mm.It features high clamping force(Max 40-50 tons),highcentering accuracy,cufter change casy,especially for those cutters changed frequently, it will show its advanteges.It's not only changing cutters easily and rapidly,but also reducing the labour intensity needed and shortening the chip-to-chip time.It is one of important accessories for milling machines and other machine tools at present.

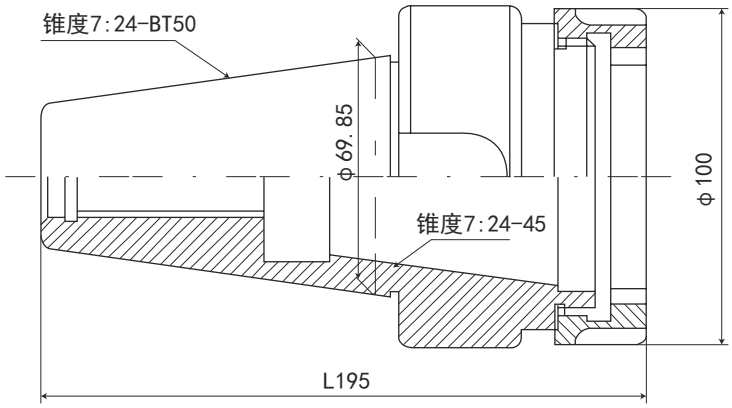
JXT25-50 主体

JXT25-50 SUBJECT

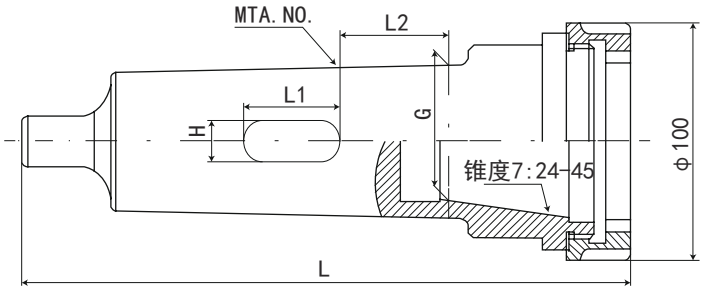








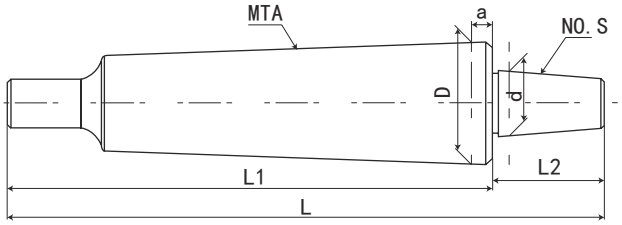




规格 / 型号 Model	MTA.NO	L	L1	L2	H	G	精度 Accuracy
MTA5-45	莫氏 MTA5	290	40	35	13	44.399	0.01
MTA6-45	莫氏 MTA6	290	40	45	17	63.348	0.01
公制 80-45	公制 80	290	45	55	20	80	0.01

扁尾型莫氏钻接杆 MORSE TAPER DRILL CHUCK ARBORS WITH TANG

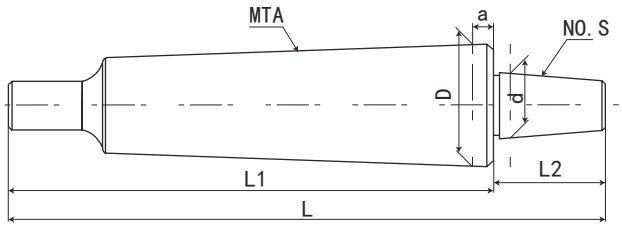




MTA	规格 / 型号 Model	L	L1	L2	D	d	a	NO.S
MTA1	MTA1-J0	79	65	14	12.065	6.350	3.5	J0
MTA1	MTA1-J1	85	65	20	12.065	9.754	3.5	J1
MTA1	MTA1-J2	90	65	25	12.065	14.199	3.5	J2
MTA1	MTA1-J3	99	65	34	12.065	20.599	3.5	J3
MTA1	MTA1-J6	94	65	29	12.065	17.170	3.5	J6
MTA1	MTA1-J33	94	65	29	12.065	15.850	3.5	J33
MTA1	MTA1-B10	86	65	21	12.065	10.094	3.5	B10
MTA1	MTA1-B12	90	65	25	12.065	12.065	3.5	B12
MTA1	MTA1-B16	97	65	32	12.065	15.733	3.5	B16
MTA1	MTA1-B18	105	65	40	12.065	17.780	3.5	B18
MTA2	MTA2-J0	94	80	14	17.780	6.350	5	J0
MTA2	MTA2-J1	100	80	20	17.780	9.754	5	J1
MTA2	MTA2-J2	105	80	25	17.780	14.199	5	J2
MTA2	MTA2-J3	114	80	34	17.780	20.599	5	J3
MTA2	MTA2-J4	125	80	45	17.780	28.550	5	J4
MTA2	MTA2-J5	130	80	50	17.780	35.890	5	J5
MTA2	MTA2-J6	108	80	28	17.780	17.170	5	J6
MTA2	MTA2-J33	108	80	28	17.780	15.850	5	J33
MTA2	MTA2-B10	101	80	21	17.780	10.094	5	B10
MTA2	MTA2-B12	105	80	25	17.780	12.065	5	B12
MTA2	MTA2-B16	112	80	32	17.780	15.733	5	B16
MTA2	MTA2-B18	120	80	40	17.780	17.780	5	B18
MTA2	MTA2-B22	128	80	48	17.780	21.793	5	B22
MTA2	MTA2-B24	138	80	58	17.780	23.825	5	B24
MTA3	MTA3-J1	118	99	19	23.825	9.754	5	J1
MTA3	MTA3-J2	124	99	25	23.825	14.199	5	J2
MTA3	MTA3-J3	133	99	34	23.825	20.599	5	J3
MTA3	MTA3-J4	144	99	45	23.825	28.550	5	J4
MTA3	MTA3-J5	149	99	50	23.825	35.890	5	J5
MTA3	MTA3-J6	127	99	28	23.825	17.170	5	J6
MTA3	MTA3-J33	127	99	28	23.825	15.850	5	J33
MTA3	MTA3-B10	120	99	21	23.825	10.094	5	B10
MTA3	MTA3-B12	124	99	25	23.825	12.065	5	B12
MTA3	MTA3-B16	131	99	32	23.825	15.733	5	B16
MTA3	MTA3-B18	139	99	40	23.825	17.780	5	B18
MTA3	MTA3-B22	147	99	48	23.825	21.793	5	B22
MTA3	MTA3-B24	157	99	58	23.825	23.825	5	B24

扁尾型莫氏钻接杆 JXT25-50 SUBJECT

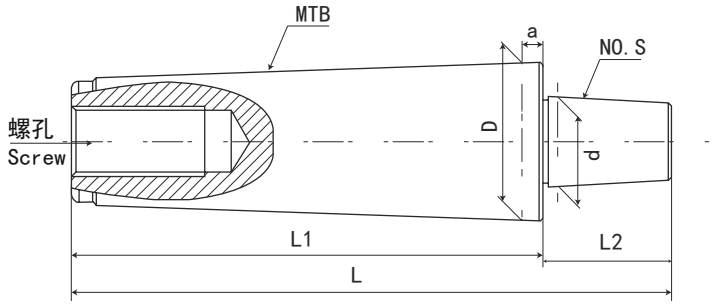




MTA	规格 / 型号 Model	L	L1	L2	D	d	a	NO.S
MTA4	MTA4-J2	149	124	25	31.267	14.199	6.5	J2
MTA4	MTA4-J3	158	124	34	31.267	20.599	6.5	J3
MTA4	MTA4-J4	169	124	45	31.267	28.550	6.5	J4
MTA4	MTA4-J5	174	124	50	31.267	35.890	6.5	J5
MTA4	MTA4-J6	152	124	28	31.267	17.170	6.5	J6
MTA4	MTA4-J33	152	124	28	31.267	15.850	6.5	J33
MTA4	MTA4-B10	145	124	21	31.267	10.094	6.5	B10
MTA4	MTA4-B12	149	124	25	31.267	12.065	6.5	B12
MTA4	MTA4-B16	156	124	32	31.267	15.733	6.5	B16
MTA4	MTA4-B18	164	124	40	31.267	17.780	6.5	B18
MTA4	MTA4-B22	172	124	48	31.267	21.793	6.5	B22
MTA4	MTA4-B24	182	124	58	31.267	23.825	6.5	B24
MTA5	MTA5-J2	181	156	25	44.399	14.199	6.5	J2
MTA5	MTA5-J3	190	156	34	44.399	20.599	6.5	J3
MTA5	MTA5-J4	201	156	45	44.399	28.550	6.5	J4
MTA5	MTA5-J5	206	156	50	44.399	35.890	6.5	J5
MTA5	MTA5-J6	184	156	28	44.399	17.170	6.5	J6
MTA5	MTA5-J33	184	156	28	44.399	15.850	6.5	J33
MTA5	MTA5-B12	181	156	25	44.399	12.065	6.5	B12
MTA5	MTA5-B16	188	156	32	44.399	15.733	6.5	B16
MTA5	MTA5-B18	196	156	40	44.399	17.780	6.5	B18
MTA5	MTA5-B22	204	156	48	44.399	21.793	6.5	B22
MTA5	MTA5-B24	214	156	58	44.399	23.825	6.5	B24
MTA6	MTA6-B16	250	218	32	63.348	15.733	8	B16
MTA6	MTA6-B18	258	218	40	63.348	17.780	8	B18
MTA6	MTA6-B22	266	218	48	63.348	21.793	8	B22
MTA6	MTA6-B24	276	218	58	63.348	23.825	8	B24

后拉型莫氏钻接杆 MORSE TAPER DRILL CHUCK ARBORS WITH DRAW BAR

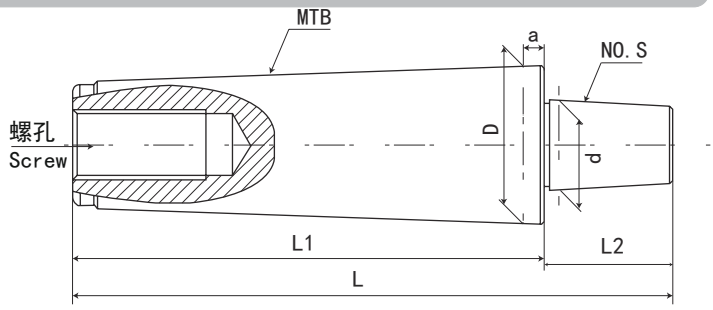




MTB	规格 / 型号 Model	L	L1	L2	D	d	a	NO.S	螺孔 Screw
MTB1	MTB1-J0	71	57	14	12.065	6.350	3.5	J0	M6*1.0P
MTB1	MTB1-J1	76	57	19	12.065	9.754	3.5	J1	M6*1.0P
MTB1	MTB1-J2	82	57	25	12.065	14.199	3.5	J2	M6*1.0P
MTB1	MTB1-J3	91	57	34	12.065	20.599	3.5	J3	M6*1.0P
MTB1	MTB1-J6	85	57	28	12.065	17.170	3.5	J6	M6*1.0P
MTB1	MTB1-J33	85	57	28	12.065	15.850	3.5	J33	M6*1.0P
MTB1	MTB1-B10	78	57	21	12.065	10.094	3.5	B10	M6*1.0P
MTB1	MTB1-B12	82	57	25	12.065	12.065	3.5	B12	M6*1.0P
MTB1	MTB1-B16	89	57	32	12.065	15.733	3.5	B16	M6*1.0P
MTB1	MTB1-B18	97	57	40	12.065	17.780	3.5	B18	M6*1.0P
MTB2	MTB2-J0	83	69	14	17.780	6.350	5	J0	M10*1.5P-3/8 " -16UNC
MTB2	MTB2-J1	88	69	19	17.780	9.754	5	J1	M10*1.5P-3/8 " -16UNC
MTB2	MTB2-J2	94	69	25	17.780	14.199	5	J2	M10*1.5P-3/8 " -16UNC
MTB2	MTB2-J3	103	69	34	17.780	20.599	5	J3	M10*1.5P-3/8 " -16UNC
MTB2	MTB2-J4	114	69	45	17.780	28.550	5	J4	M10*1.5P-3/8 " -16UNC
MTB2	MTB2-J5	119	69	50	17.780	35.890	5	J5	M10*1.5P-3/8 " -16UNC
MTB2	MTB2-J6	97	69	28	17.780	17.170	5	J6	M10*1.5P-3/8 " -16UNC
MTB2	MTB2-J33	97	69	28	17.780	15.850	5	J33	M10*1.5P-3/8 " -16UNC
MTB2	MTB2-B10	90	69	21	17.780	10.094	5	B10	M10*1.5P-3/8 " -16UNC
MTB2	MTB2-B12	94	69	25	17.780	12.065	5	B12	M10*1.5P-3/8 " -16UNC
MTB2	MTB2-B16	101	69	32	17.780	15.733	5	B16	M10*1.5P-3/8 " -16UNC
MTB2	MTB2-B18	109	69	40	17.780	17.780	5	B18	M10*1.5P-3/8 " -16UNC
MTB2	MTB2-B22	117	69	48	17.780	21.793	5	B22	M10*1.5P-3/8 " -16UNC
MTB2	MTB2-B24	127	69	58	17.780	23.825	5	B24	M10*1.5P-3/8 " -16UNC
MTB3	MTB3-J1	105	86	19	23.825	9.754	5	J1	M12*1.75P-1/2 " -13UNC
MTB3	MTB3-J2	111	86	25	23.825	14.199	5	J2	M12*1.75P-1/2 " -13UNC
MTB3	MTB3-J3	120	86	34	23.825	20.599	5	J3	M12*1.75P-1/2 " -13UNC
MTB3	MTB3-J4	131	86	45	23.825	28.550	5	J4	M12*1.75P-1/2 " -13UNC
MTB3	MTB3-J5	136	86	50	23.825	35.890	5	J5	M12*1.75P-1/2 " -13UNC
MTB3	MTB3-J6	114	86	28	23.825	17.170	5	J6	M12*1.75P-1/2 " -13UNC
MTB3	MTB3-J33	114	86	28	23.825	15.850	5	J33	M12*1.75P-1/2 " -13UNC
MTB3	MTB3-B10	107	86	21	23.825	10.094	5	B10	M12*1.75P-1/2 " -13UNC
MTB3	MTB3-B12	111	86	25	23.825	12.065	5	B12	M12*1.75P-1/2 " -13UNC
MTB3	MTB3-B16	118	86	32	23.825	15.733	5	B16	M12*1.75P-1/2 " -13UNC
MTB3	MTB3-B18	126	86	40	23.825	17.780	5	B18	M12*1.75P-1/2 " -13UNC
MTB3	MTB3-B22	135	86	49	23.825	21.793	5	B22	M12*1.75P-1/2 " -13UNC
MTB3	MTB3-B24	145	86	59	23.825	23.825	5	B24	M12*1.75P-1/2 " -13UNC
MTB4	MTB4-J2	134	109	25	31.267	14.199	6.5	J2	M16*2.0P-5/8 " -11UNC
MTB4	MTB4-J3	143	109	34	31.267	20.599	6.5	J3	M16*2.0P-5/8 " -11UNC
MTB4	MTB4-J4	154	109	45	31.267	28.550	6.5	J4	M16*2.0P-5/8 " -11UNC
MTB4	MTB4-J5	159	109	50	31.267	35.890	6.5	J5	M16*2.0P-5/8 " -11UNC
MTB4	MTB4-J6	137	109	28	31.267	17.170	6.5	J6	M16*2.0P-5/8 " -11UNC
MTB4	MTB4-J33	137	109	28	31.267	15.850	6.5	J33	M16*2.0P-5/8 " -11UNC
MTB4	MTB4-B10	130	109	21	31.267	10.094	6.5	B10	M16*2.0P-5/8 " -11UNC
MTB4	MTB4-B12	134	109	25	31.267	12.065	6.5	B12	M16*2.0P-5/8 " -11UNC
MTB4	MTB4-B16	141	109	32	31.267	15.733	6.5	B16	M16*2.0P-5/8 " -11UNC
MTB4	MTB4-B18	149	109	40	31.267	17.780	6.5	B18	M16*2.0P-5/8 " -11UNC
MTB4	MTB4-B22	158	109	49	31.267	21.793	6.5	B22	M16*2.0P-5/8 " -11UNC
MTB4	MTB4-B24	168	109	59	31.267	23.825	6.5	B24	M16*2.0P-5/8 " -11UNC

后拉型莫氏钻接杆 MORSE TAPER DRILL CHUCK ARBORS WITH DRAW BAR

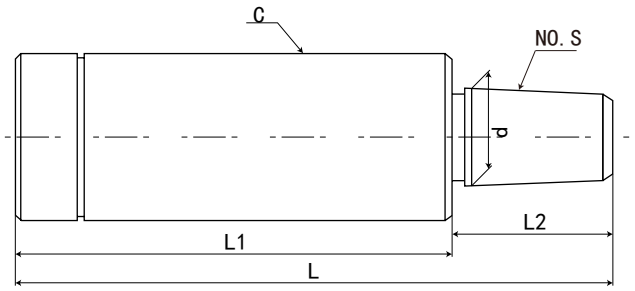




MTB	规格 / 型号 Model	L	L1	L2	D	d	a	NO.S	螺孔 Screw
MTB5	MTB5-J2	161	136	25	44.399	14.199	6.5	J2	M20*2.5P-3/4 " -10UNC
MTB5	MTB5-J3	170	136	34	44.399	20.599	6.5	J3	M20*2.5P-3/4 " -10UNC
MTB5	MTB5-J4	181	136	45	44.399	28.550	6.5	J4	M20*2.5P-3/4 " -10UNC
MTB5	MTB5-J5	186	136	50	44.399	35.890	6.5	J5	M20*2.5P-3/4 " -10UNC
MTB5	MTB5-J6	164	136	28	44.399	17.170	6.5	J6	M20*2.5P-3/4 " -10UNC
MTB5	MTB5-J33	164	136	28	44.399	15.850	6.5	J33	M20*2.5P-3/4 " -10UNC
MTB5	MTB5-B16	168	136	32	44.399	15.733	6.5	B16	M20*2.5P-3/4 " -10UNC
MTB5	MTB5-B18	176	136	40	44.399	17.780	6.5	B18	M20*2.5P-3/4 " -10UNC
MTB5	MTB5-B22	185	136	49	44.399	21.793	6.5	B22	M20*2.5P-3/4 " -10UNC
MTB5	MTB5-B24	195	136	59	44.399	23.825	6.5	B24	M20*2.5P-3/4 " -10UNC

直柄钻接杆 STRAIGHT SHANK DRILL CHUCK ARBORS

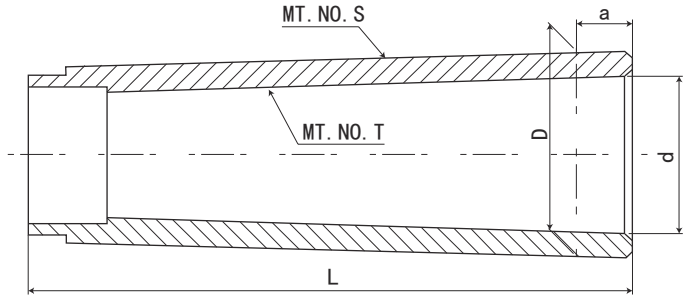




规格 / 型号 Model	L	L1	L2	C	d	NO.S
C16-B10	80	60	20	16	10.094	B10
C16-B12	85	60	25	16	12.065	B12
C16-B16	92	60	32	16	15.733	B16
C16-B18	100	60	40	16	17.780	B18
C20-B10	80	60	20	20	10.094	B10
C20-B12	85	60	25	20	12.065	B12
C20-B16	92	60	32	20	15.733	B16
C20-B18	100	60	40	20	17.780	B18
C20-B22	108	60	48	20	21.793	B22
C25-B10	95	75	20	25	10.094	B10
C25-B12	100	75	25	25	12.065	B12
C25-B16	107	75	32	25	15.733	B16
C25-B18	115	75	40	25	17.780	B18
C25-B22	123	75	48	25	21.793	B22
C32-B10	95	75	20	32	10.094	B10
C32-B12	100	75	25	32	12.065	B12
C32-B16	107	75	32	32	15.733	B16
C32-B18	115	75	40	32	17.780	B18
C32-B22	123	75	48	32	21.793	B22

顶尖套 CENTER SLEEVES

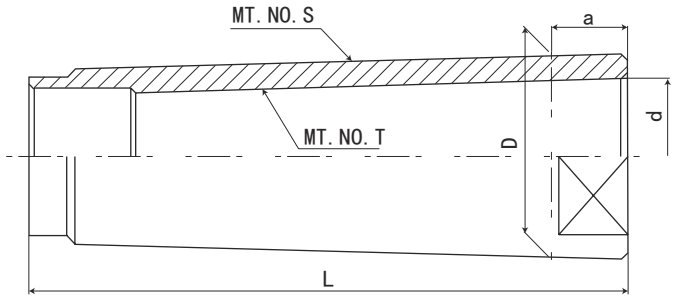




规格 / 型号 Model	MT.NO.S	MT.NO.T	L	D	d	A
MT2-MT1	MT2	MT1	45	17.780	12.065	5
MT3-MT1	MT3	MT1	56	23.825	12.066	5
MT3-MT2	MT3	MT2	65	23.825	17.780	5
MT4-MT1	MT4	MT1	70	31.267	12.066	6.5
MT4-MT2	MT4	MT2	70	31.267	17.780	6.5
MT4-MT3	MT4	MT3	75	31.267	23.825	6.5
MT5-MT1	MT5	MT1	85	44.399	12.066	6.5
MT5-MT2	MT5	MT2	85	44.399	17.780	6.5
MT5-MT3	MT5	MT3	95	44.399	23.825	6.5
MT5-MT4	MT5	MT4	100	44.399	31.267	6.5
MT6-MT3	MT6	MT3	110	63.348	23.825	8
MT6-MT4	MT6	MT4	110	63.348	31.267	8
MT6-MT5	MT6	MT5	130	63.348	44.399	8
公制 80-MT4	公制 80	MT4	135	80.00	31.267	8
公制 80-MT5	公制 80	MT5	135	80.00	44.399	8
公制 80-MT6	公制 80	MT6	150	80.00	63.348	8
公制 90-MT5	公制 90	MT5	135	90.00	44.399	10
公制 90-MT6	公制 90	MT6	150	90.00	63.348	10
公制 100-MT5	公制 100	MT5	135	100.00	44.399	10
公制 100-MT6	公制 100	MT6	150	100.00	63.348	10
公制 100- 公制 80	公制 100	公制 80	150	100.00	80.00	10
公制 110-MT5	公制 110	MT5	150	110.00	44.399	12
公制 110-MT6	公制 110	MT6	150	110.00	63.348	12
公制 113-MT5	公制 113	MT5	150	113.00	44.399	12
公制 113-MT6	公制 113	MT6	150	113.00	63.348	12
公制 120-MT5	公制 120	MT5	150	120.00	44.399	12
公制 120-MT6	公制 120	MT6	170	120.00	63.348	12
公制 120- 公制 80	公制 120	公制 80	170	120.00	80.00	12
公制 120- 公制 100	公制 120	公制 100	170	120.00	100.00	12
公制 140-MT5	公制 140	MT5	180	140.00	44.399	12
公制 140-MT6	公制 140	MT6	180	140.00	63.348	12
公制 140- 公制 80	公制 140	公制 80	180	140.00	80.00	12
公制 140- 公制 100	公制 140	公制 100	180	140.00	100.00	12

莫氏中间套 MORSE TAPER SLEEVES

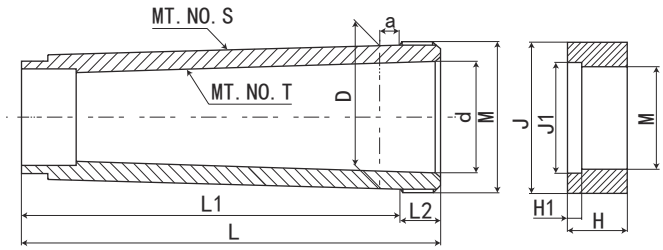




规格 / 型号 Model	MT.NO.S	MT.NO.T	L	D	d	A
BZ2-1	MT2	MT1	74	17.780	12.065	18
BZ3-1	MT3	MT1	80	23.825	12.066	14
BZ3-2	MT3	MT2	80	23.825	17.780	14
BZ4-1	MT4	MT1	90	31.267	12.066	26.5
BZ4-2	MT4	MT2	90	31.267	17.780	26.5
BZ4-3	MT4	MT3	90	31.267	23.825	26.5
BZ5-2	MT5	MT2	110	44.399	17.780	39.5
BZ5-3	MT5	MT3	110	44.399	23.825	39.5
BZ5-4	MT5	MT4	110	44.399	31.268	39.5
BZ6-3	MT6	MT3	130	63.348	23.825	27
BZ6-4	MT6	MT4	130	63.348	31.268	27
BZ6-5	MT6	MT5	130	63.348	44.399	27

螺帽压出顶尖套 WITH REMOVABLE NUT CENTER SLEEVES

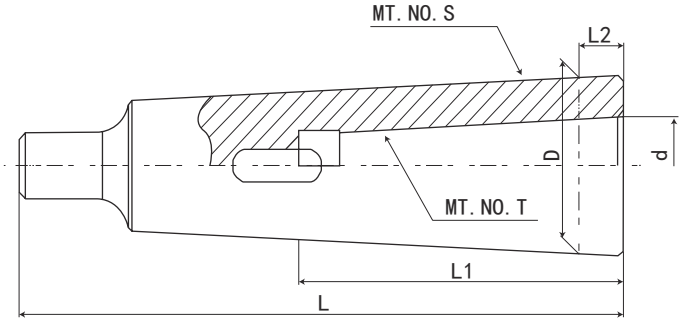




规格 / 型号 Model	MT.NO.S	MT.NO.T	L	L1	L2	D	d	a	M	J	J1	H	H1
LMYC-6-5	MT6	MT5	150	120	30	63.348	44.399	8	M68*2.0P	88	70	30	7
LMYC-80-5	公制 80	MT5	180	150	30	80.00	44.399	10	M84*2.0P	118	86	30	7
LMYC-80-6	公制 80	MT6	180	150	30	80.00	63.348	10	M84*2.0P	118	86	30	7
LMYC-90-5	公制 90	MT5	180	150	30	90.00	44.399	10	M94*2.0P	118	96	30	10
LMYC-90-6	公制 90	MT6	180	150	30	90.00	63.348	10	M94*2.0P	118	96	30	10
LMYC-100-5	公制 100	MT5	180	150	30	100.00	44.399	10	M104*2.0P	128	106	30	10
LMYC-100-6	公制 100	MT6	180	150	30	100.00	63.348	10	M104*2.0P	128	106	30	10
LMYC-120-5	公制 120	MT5	180	150	30	120.00	44.399	10	M124*2.0P	148	126	30	10
LMYC-120-6	公制 120	MT6	180	150	30	120.00	63.348	10	M124*2.0P	148	126	30	10

变径套 MORSE TAPER SLEEVES

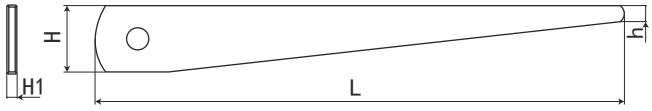




规格 / 型号 Model	MT.NO.S	MT.NO.T	D	d	L	L1	L2
R51 2-1	2	1	17.78	12.065	92	56	17
R51 3-1	3	1	23.825	12.065	99	56	5
R51 3-2	3	2	23.825	17.78	112	67	18
R51 4-1	4	1	31.267	12.065	124	56	6.5
R51 4-2	4	2	31.267	17.78	124	67	6.5
R51 4-3	4	3	31.267	23.825	140	84	22.5
R51 5-1	5	1	44.399	12.065	156	56	6.5
R51 5-2	5	2	44.399	17.78	156	67	6.5
R51 5-3	5	3	44.399	23.825	156	84	6.5
R51 5-4	5	4	44.399	31.267	171	107	21.5
R51 6-1	6	1	63.348	12.065	218	56	8
R51 6-2	6	2	63.348	17.78	218	67	8
R51 6-3	6	3	63.348	23.825	218	84	8
R51 6-4	6	4	63.348	31.267	218	107	8
R51 6-5	6	5	63.348	44.399	218	135	8
R51 80-4	80	4	80	31.267	228	107	8
R51 80-5	80	5	80	44.399	228	135	8
R51 80-6	80	6	80	63.348	280	188	60
R51 100-5	100	5	100	44.399	270	135	10
R51 100-6	100	6	100	63.348	307	188	47
R51 100-80	100	80	100	80	310	202	50

拆卸楔铁 MORSE SHANK PULLER

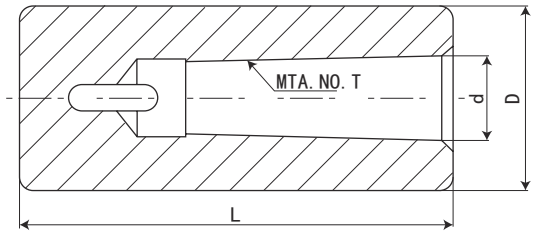




型号	L	H	h	H1
1# 楔铁	90	12	4	3
2# 楔铁	140	20	5	5
3# 楔铁	190	25	5	6
4# 楔铁	225	30	5	9
5# 楔铁	265	35	5	14

直柄变径套 SOLID SOCKET WITH MS HOLE(WITH TANG)

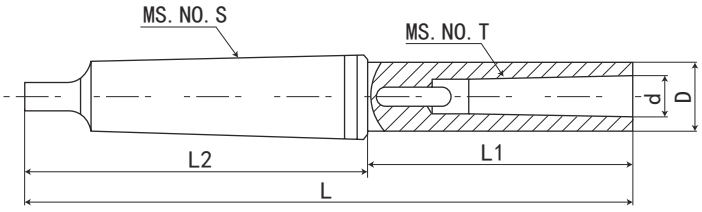




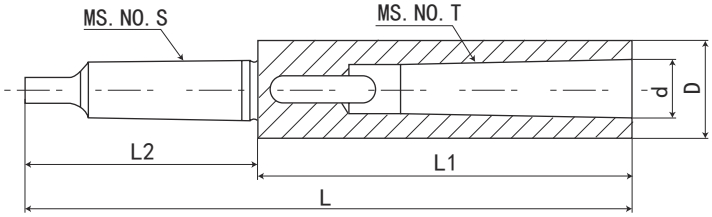
规格 / 型号 Model	D(in)	MTA.NO.T	d(mm)	L(in)	规格 / 型号 Model	D(mm)	MTA.NO.T	d(mm)	L(mm)
BSS-3/4XMTA1	3/4	MS1	12.065	3-1/4	BSS-16XMTA1	16	MS1	12.065	90
BSS-1XMTA1	1			3-1/2	BSS-20XMTA1	20			
BSS-1-1/4XMTA1	1-1/4				BSS-25XMTA1	25			95
BSS-1-1/2XMTA1	1-1/2				BSS-30XMTA1	30			115
BSS-1XMTA2	1	MS2	17.780	4	BSS-32XMTA1	32			88.9
BSS-1-1/4XMTA2	1-1/4				BSS-35XMTA1	35			90
BSS-1-1/2XMTA2	1-1/2				BSS-40XMTA1	40			88.9
BSS-1-3/4XMTA2	1-3/4				BSS-50XMTA1	50			
BSS-2XMTA2	2				BSS-25XMTA2	25	MS2	17.780	95
BSS-2-1/8XMTA2	2-1/8				BSS-30XMTA2	30			115
BSS-1-1/4XMTA3	1-1/4	MS3	23.825	4-3/4	BSS-32XMTA2	32			101.6
BSS-1-1/2XMTA3	1-1/2				BSS-35XMTA2	35			102
BSS-1-3/4XMTA3	1-3/4				BSS-40XMTA2	40			101.6
BSS-2 XMTA3	2				BSS-40XMTA2A	40			125
BSS-2-1/8XMTA3	2-1/8				BSS-50XMTA2	50			101.6
BSS-2-1/4XMTA3	2-1/4				BSS-50XMTA2A	50			135
BSS-2-1/2XMTA3	2-1/2				BSS-30XMTA3	30	MS3	23.825	115
BSS-1-1/2XMTA4	1-1/2	MS4	31.267	6	BSS-30XMTA3A	30			120.65
BSS-1-3/4XMTA4	1-3/4				BSS-32XMTA3	32			
BSS-2XMTA4	2				BSS-35XMTA3	35			120
BSS-2-1/8XMTA4	2-1/8				BSS-36XMTA3	36			120.65
BSS-2-1/4XMTA4	2-1/4				BSS-40XMTA3	40			120.65
BSS-2-1/2XMTA4	2-1/2				BSS-40XMTA3A	40			135
BSS-2-1/4XMTA5	2-1/4	MS5	44.399	7-3/8	BSS-50XMTA3	50			120.65
BSS-2-1/4XMTA5A	2-1/4			8	BSS-50XMTA3A	50			175
BSS-2-1/2XMTA5	2-1/2			7-3/8	BSS-60XMTA3	60			185
BSS-2-1/2XMTA5A	2-1/2			8	BSS-40XMTA4	40	MS4	31.267	152.4
BSS-3-1/2XMTA6	3-1/2	MS6	63.348	10-1/8	BSS-40XMTA4A	40			155
					BSS-50XMTA4	50			152.4
					BSS-50XMTA4A	50			175
					BSS-60XMTA4	60			185
					BSS-50XMTA5	50	MS5	44.399	175
					BSS-60XMTA5	60			187.3

加长变径套 LENGTHEN MORSE TAPER SLEEVES





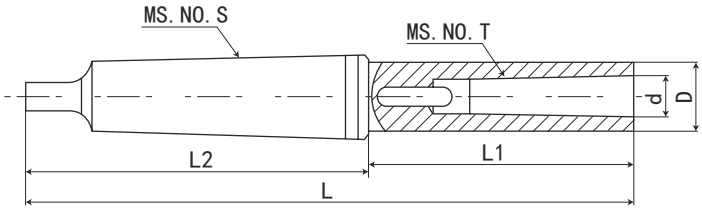




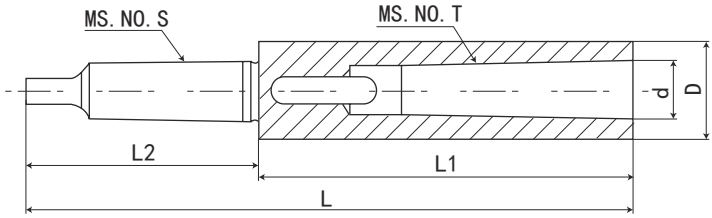
规格 / 型号 Model	MT.NO.S【外锥】	MT.NO.T【内锥】	L	L1	L2	D	d
2-1-D18-L160	MT2	MT1	160	80	80	18	12.065
2-1-D18-L215	MT2	MT1	215	135	80	18	12.065
2-2-D24-L175	MT2	MT2	175	95	80	24	17.780
2-2-D24-L200	MT2	MT2	200	120	80	24	17.780
2-2-D24-L250	MT2	MT2	250	170	80	24	17.780
2-2-D24-L300	MT2	MT2	300	220	80	24	17.780
2-3-D31-L196	MT2	MT3	196	116	80	31	23.825
2-3-D31-L250	MT2	MT3	250	170	80	31	23.825
2-3-D31-L300	MT2	MT3	300	220	80	31	23.825
3-2-D24-L194	MT3	MT2	194	95	99	24	17.780
3-2-D24-L250	MT3	MT2	250	151	99	24	17.780
3-2-D24-L300	MT3	MT2	300	201	99	24	17.780
3-3-D31-L215	MT3	MT3	215	116	99	31	23.825
3-3-D31-L250	MT3	MT3	250	151	99	31	23.825
3-3-D31-L300	MT3	MT3	300	201	99	31	23.825
3-3-D31-L350	MT3	MT3	350	251	99	31	23.825
3-3-D31-L400	MT3	MT3	400	301	99	31	23.825
3-4-D40-L240	MT3	MT4	240	141	99	40	31.267
3-4-D40-L300	MT3	MT4	300	201	99	40	31.267
4-2-D24-L215	MT4	MT2	215	91	124	24	17.780
4-2-D24-L250	MT4	MT2	250	126	124	24	17.780
4-3-D31-L240	MT4	MT3	240	116	124	31	23.825
4-3-D31-L300	MT4	MT3	300	176	124	31	23.825
4-3-D31-L350	MT4	MT3	350	226	124	31	23.825
4-3-D31-L400	MT4	MT3	400	276	124	31	23.825
4-3-D31-L450	MT4	MT3	450	326	124	31	23.825
4-3-D31-L500	MT4	MT3	500	376	124	31	23.825
4-4-D40-L265	MT4	MT4	265	141	124	40	31.267
4-4-D40-L300	MT4	MT4	300	176	124	40	31.267
4-4-D40-L350	MT4	MT4	350	226	124	40	31.267
4-4-D40-L400	MT4	MT4	400	276	124	40	31.267
4-4-D40-L450	MT4	MT4	450	326	124	40	31.267
4-4-D40-L500	MT4	MT4	500	376	124	40	31.267
4-5-D63-L300	MT4	MT5	300	176	124	63	44.399

加长变径套 LENGTHEN MORSE TAPER SLEEVES





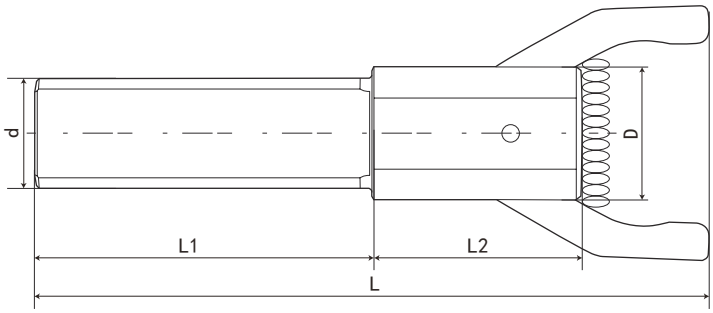




规格 / 型号 Model	MT.NO.S【外锥】	MT.NO.T【内锥】	L	L1	L2	D	d
5-3-D32-L268	MT5	MT3	268	112	156	32	23.825
5-3-D32-L300	MT5	MT3	300	144	156	32	23.825
5-3-D32-L350	MT5	MT3	350	194	156	32	23.825
5-3-D32-L400	MT5	MT3	400	244	156	32	23.825
5-4-D40-L300	MT5	MT4	300	144	156	40	31.267
5-4-D40-L350	MT5	MT4	350	194	156	40	31.267
5-4-D40-L400	MT5	MT4	400	244	156	40	31.267
5-4-D40-L450	MT5	MT4	450	294	156	40	31.267
5-4-D40-L500	MT5	MT4	500	344	156	40	31.267
5-4-D40-L550	MT5	MT4	550	394	156	40	31.267
5-4-D40-L600	MT5	MT4	600	444	156	40	31.267
5-5-D58-L335	MT5	MT5	335	179	156	58	44.399
5-5-D58-L350	MT5	MT5	350	194	156	58	44.399
5-5-D58-L400	MT5	MT5	400	244	156	58	44.399
5-5-D58-L450	MT5	MT5	450	294	156	58	44.399
5-5-D58-L500	MT5	MT5	500	344	156	58	44.399
5-5-D58-L550	MT5	MT5	550	394	156	58	44.399
5-5-D58-L600	MT5	MT5	600	444	156	58	44.399
5-6-D78-L390	MT5	MT6	390	234	156	78	63.348
6-4-D40-L355	MT6	MT4	355	137	218	40	31.267
6-4-D40-L400	MT6	MT4	400	182	218	40	31.267
6-4-D40-L450	MT6	MT4	450	232	218	40	31.267
6-4-D40-L500	MT6	MT4	500	282	218	40	31.267
6-5-D58-L390	MT6	MT5	390	172	218	58	44.399
6-5-D58-L450	MT6	MT5	450	232	218	58	44.399
6-5-D58-L500	MT6	MT5	500	282	218	58	44.399
6-5-D58-L550	MT6	MT5	550	332	218	58	44.399
6-5-D58-L600	MT6	MT5	600	382	218	58	44.399
6-6-D78-L465	MT6	MT6	465	247	218	78	63.348
6-6-D78-L500	MT6	MT6	500	282	218	78	63.348
6-6-D78-L550	MT6	MT6	550	332	218	78	63.348
6-6-D78-L600	MT6	MT6	600	382	218	78	63.348

车床拉料器 LATHE PULLER





规格 / 型号 Model	L	L1	L2	D	d	柄规格
LLQ-W16	159	75	47	30	16	方柄
LLQ-W20	159	75	47	30	20	
LLQ-W25	159	75	47	30	25	
LLQ-D16	159	75	47	30	16	圆柄
LLQ-D20	159	75	47	30	20	
LLQ-D25	159	75	47	30	25	
LLQ-D32	159	75	47	30	32	

分度头系列
CNC DIVIDING HEAD SERIES

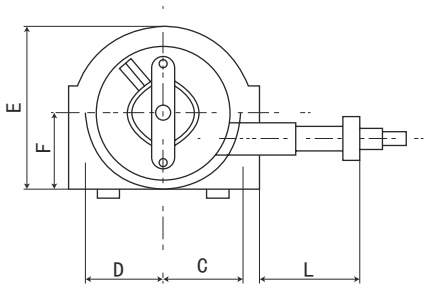


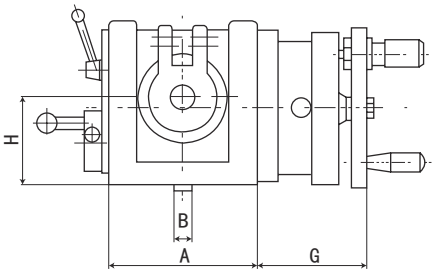
数控分度头系列
CNC DIVIDING HEAD SERIES

分度头系列 INDEX FIXTURE SERIES

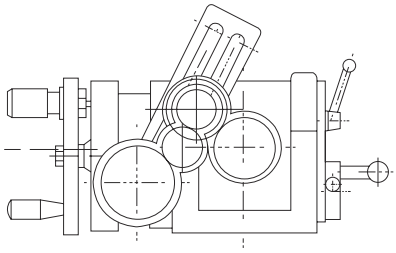
F11 系列万能分度头 F11 SERIES UNIVERSAL DIVIDING HEAD

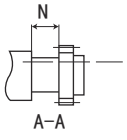


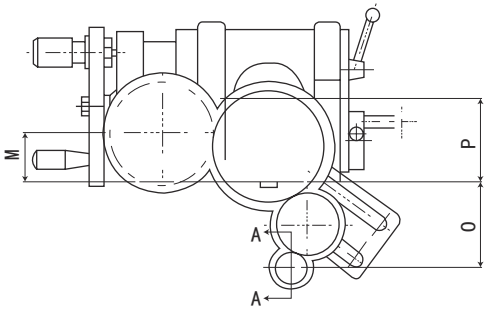




F11 系列万能分度头安装尺寸图 DIMENSIONAL SKETCH







特点：

◎ F11100A,F11125A,F11160A,F11200A 型万能分度头是铣床上的主要附件之一，利用分度刻度环和游标，定位销和分度盘以及交换齿轮，能将装卡在顶尖间或卡盘上的工件分成任意角度，可将圆分成任意等份，辅助机床利用各种不同形状的刀具进行各种沟槽、正齿轮、螺旋正齿轮、阿基米德螺线凸轮等的加工工件。

◎该产品还备有圆工作台，将它安装在分度头主轴上，工件可直接紧固在工作台上，也可利用装在工作台上的夹具紧固，可完成工件多方位加工。

◎ F11125C,F11160C 型万能分度头，是根据用户要求特殊订货的产品。本产品是在 F11125A,F11160A 型万能分度头的基础上进行了改进，能随较大负荷。

◎ F11100AL,F11125AL,F11160AL 型万能分度头，分度手把为左置。

Features:

◎ The universal dividing head, Type F11100A, F11125, F11160A, F11200A is one of the most important attachment for milling machine. With the help of this dividing head the workpiece held between centers,or on a chuck can be rotate to any angle as desired and the periphery of a workpiece can be divided into any divisions of equal parts. By means of all kinds of cutters, the dividing head can also help milling machine to perform the milling operation for flute spur gear, spiral gear, spiral flute, Archimedean cam, helical flute and etc.

◎ The dividing head is equipped with a face plate that can be mounted onto the spindle nose. The workpiece can be mounted on the face plate, thus, cutting can be carried out on 4-sides of a workpiece.

◎ F11125C F11160C is designed for the customers special needed, the shafting is improved to support heavy load.

◎ The universal dividing head, type F11100AL, F11125AL, F11160AL is the same as of the structures and the opreation handle is setted on the left.

F11 系列万能分度头 F11 SERIES UNIVERSAL DIVIDING HEAD

主要规格和参数：Main teachnical parameter:

规 格 Specifications / 项目 Items		F11100A	F11125A	F11160A	F11200A
中心高 Center hight mm		100	125	160	200
主轴由水平位置向上转动的角度 Swivel angle of spindle from horizontal to upward		⩽ 95°			
主轴由水平位置向下转动的角度 Horizontal position(down ward)		⩽ 5°			
分度手轮每转主轴回转角度 Rotating angle of spindle for one complete revolution of dividing handle		9° (540grad.,1’ each			
游标最小示值 Min.reading of vernier		10"			
蜗杆副传动比 Worm gear ratio		1:40			
主轴孔锥度（莫氏） Taper of spindle bore		MT3	MT4		
定位健宽度 Width of locating key.mm		14	18		
主轴法兰盘定位短锥直径 Diameter of short taper of spindl nose for mounting flange mm		ϕ41.275	ϕ53.975	ϕ53.975	ϕ53.975
分度盘孔数 Numbers of hole in dividing plate	第一面 1st plate	24,25,28,30,34,37,38,39,41,42,43			
	第二面 2nd plate	46,47,49,51,53,54,57,58,59,62,66			
变换齿轮 Change Gear	模数 Module	1.5	2		
	齿数 Teeth Numbers	25,30,35,40,50,55,60,70,80,90,100			
分度手柄一整转主轴单个分度误差 Individual indexing error of the spindle for one complete revolution of diving handle		±45"			
主轴在任意 1/4 圆周上的累积误差 Cumulate error at any 1/4 periphery of spindle		±1"			
最大承载 Max.bearing kg		100	130	130	130
净重 Net weight kg		67	101.5	113	130
毛重 Gross weight kg		79	111.5	123	140
箱体尺寸 Overall dimensions mm		616×465×265	635×530×530	710×535×342	710×535×342

F11 系列万能分度头安装尺寸参数：Installation sketch and dimensions

规格 / 型号 Model	A	B	C	D	E	F	G	H	L	M	N	O	P
F11100A	162	14	102	87	186	95	116	100	93	54.7	30	100	100
F11125A	209	18	116	98	224	117	120	125	103	68.5	34.5	100	125
F11160A	209	18	116	98	259	152	120	160	103	68.5	34.5	100	160
F11200A	209	18	116	98	299	192	120	200	103	68.5	34.5	100	200

注：配带附件 Accessories

尾座 Tailstock 挂轮架 Change gear braket 交换齿轮 12 件 12×change gear 千斤顶 Jack

顶尖 Center 分度盘 Dividing plate 法兰盘 Flange 三爪卡盘 3-jaw chuck

圆工作台（特殊订货） Round table(optional)

F12 系列半万能分度头 F12 SERIES SEMI-UNIVERSAL-DIVIDING HEAD



主要规格和参数：Main teachnical parameter:

规 格 Specifications / 项目 Items		F12100	F12125	F12160	F12200
中心高 Center hight mm		100	125	160	200
主轴由水平位置向上转动的角度 Swivel angle of spindle from horizontal to upward		⩽ 95°			
主轴由水平位置向下转动的角度 Horizontal position(downward)		⩽ 5°			
分度手轮每转主轴回转角度 Rotating angle of spindle for one complete revolution of dividing handle		9° (540grad.,1’ each			
游标最小示值 Min.reading of vernier		10"			
蜗杆副传动比 Worm gear ratio		1:40			
主轴孔锥度（莫氏） Taper of spindle bore		MT3	MT4		
定位健宽度 Width of locating key.mm		14	18		
主轴法兰盘定位短锥直径 Diameter of short taper of spindl nose for mounting flange mm		ϕ41.275	ϕ53.975	ϕ53.975	ϕ53.975
分度盘孔数 Numbers of hole in dividing plate	第一面 1st plate	24,25,28,30,34,37,38,39,41,42,43			
	第二面 2nd plate	46,47,49,51,53,54,57,58,59,62,66			
分度手柄一整转主轴单个分度误差 Individual indexing error of the spindle for one complete revolution of diving handle		±45"			
主轴在任意 1/4 圆周上的累积误差 Cumulate error at any 1/4 periphery of spindle		±1"			
最大承载 Max.bearing kg		100	130	130	130
净重 Net weight kg		57	83.5	100	130
毛重 Gross weight kg		69	96	114	140
箱体尺寸 Overall dimensions mm		610×495×255	536×460×310	710×505×342	710×535×342

特点：

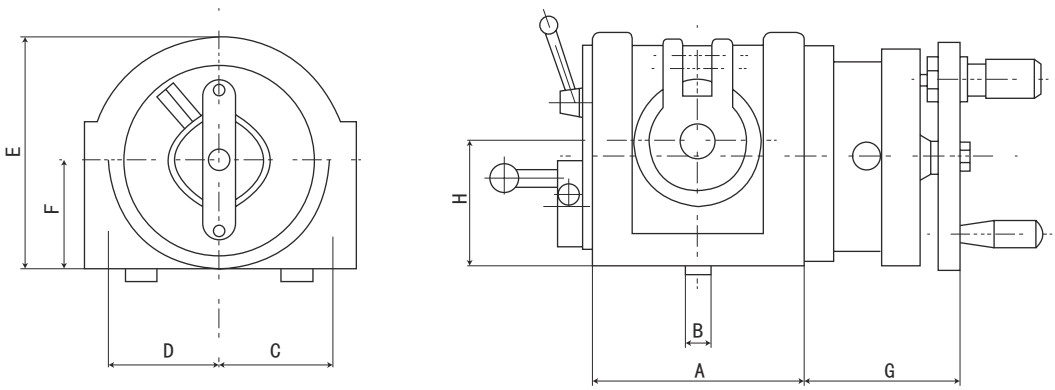
◎ F12 系列半万能分度头是铣床上的主要附件之一，可用于简单分度也可将圆周分成任意等份等的加工工作。
◎ F12 系列为右手把。

Features:

◎ Type F12 series semi-universal dividing head is one of the most important attachment for milling machine.It can be used for simple indexing and divide circle into any equal parts,etc.
◎ The F12 series with right handwheel.

F12 系列半万能分度头 F12 SERIES SEMI-UNIVERSAL-DIVIDING HEAD

F12 系列半万能分度头安装尺寸参数：Installation sketch and dimensions



F12 系列半万能分度头安装尺寸参数：Installation sketch and dimensions

规格 / 型号 Model	A	B	C	D	E	F	G	H	L	M	N	O	P
F12100	162	14	102	87	186	95	116	100	93	54.7	30	100	100
F12125	209	18	116	98	224	117	120	125	103	68.5	34.5	100	125
F12160	209	18	116	98	259	152	120	160	103	68.5	34.5	100	160
F12200	209	18	116	98	299	192	120	200	103	68.5	34.5	100	200

注：配带附件 Accessories

尾座 Tailstock 顶尖 Center 分度盘 Dividing plate 法兰盘 Flange 三爪卡盘 3-jaw chuck

圆工作台（特殊订货） Round table(optional)

重型 F12 型半万能分度头 HEAVY F12 SERIES SEMI-UNIVERSAL DIVIDING HEAD



特点：

◎重型 F12 系列半万能分度头是大型铣床上的主要附件之一，可用于简单分度也可将圆周分成任意等份等的加工工作。

◎ F12 系列为右手把。

Features:

◎ Heavy F12 series semi-universal dividing head is one of the most important attachment for Big milling machine.It can be used for simple indexing and divide circle into any equal parts,etc.

◎ The F12 series with right handwheel.

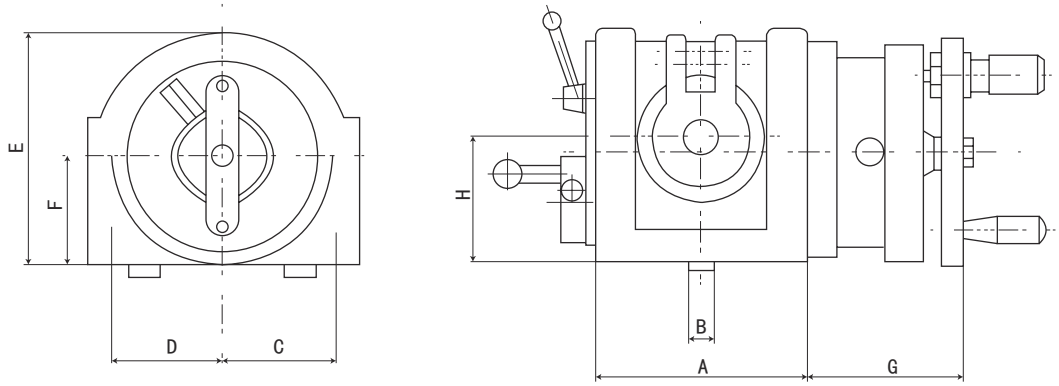
分度头系列 INDEX FIXTURE SERIES

重型 F12 型半万能分度头 HEAVY F12 SERIES SEMI-UNIVERSAL DIVIDING HEAD

主要规格和参数：Main teachnical parameter:

规 格 Specifications / 项目 Items		F11260	F11300	F11400	F12500	F121000
中心高 Center hight mm		260	300	400	500	1000
主轴由水平位置向上转动的角度 Swivel angle of spindle from horizontal to upward		⩽ 95°	⩽ 95°	⩽ 95°	⩽ 95°	⩽ 95°
主轴由水平位置向下转动的角度 Horizontal position(downward)		⩽ 5°	⩽ 5°	⩽ 5°	⩽ 5°	⩽ 5°
分度手轮每转主轴回转角度 Rotating angle of spindle for one complete revolution of dividing handle		9°	9°	9°	9°	9°
游标最小示值 Min.reading of vernier		10"	10"	10"	10"	10"
蜗杆副传动比 Worm gear ratio		1:40	1:40	1:40	1:40	1:40
主轴孔锥度（莫氏） Taper of spindle bore		MT6	MT6	MT6	MT5	MT5
定位健宽度 Width of locating key.mm		18/20	18/20	18/20	22	22
主轴法兰盘定位短锥直径 Diameter of short taper of spindl nose for mounting flange mm		ϕ82.563	ϕ82.563	ϕ82.563	ϕ106.375	ϕ212.375
分度盘孔数 Numbers of hole in dividing plate	第一面 1st plate	24,25,28,30,34,37,38,39,41,42,43				
	第二面 2nd plate	46,47,49,51,53,54,57,58,59,62,66				
分度手柄一整转主轴单个分度误差 Individual indexing error of the spindle for one complete revolution of diving handle		80"	80"	80"	500	1000
主轴在任意 1/4 圆周上的累积误差 Cumulate error at any 1/4 periphery of spindle		±70"	±70"	±70"		±1"
最大承载 Max.bearing kg		380	380	380	100	500

F12 系列半万能分度头安装尺寸图 DIMENSIONAL SKETCH



F12 系列半万能分度头安装尺寸参数：Installation sketch and dimensions

规格 / 型号 Mode	A	B	C	D	E	F	G	H
F12500	490	22	300	330	790	500	160	500

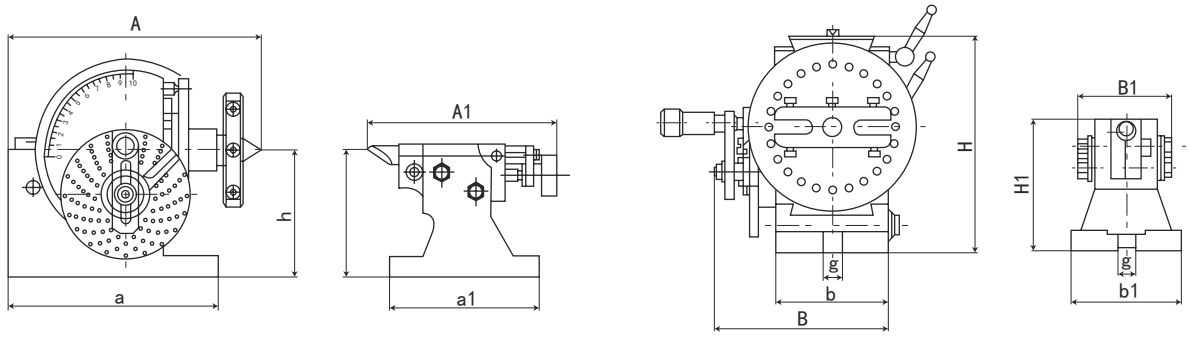
注：配带附件 Accessories

尾座 Tailstock 分度盘 Dividing plate 法兰盘 Flange 三爪卡盘 3-jaw chuck

圆工作台（特殊订货） Round table(optional)

BS 系列半万能分度头 BS SERIES SEMI-UNIVERSAL DIVIDING HEAD





SEMI-UNVERSAL INDEX CENTER B & S TYPE NO.O, NO.1(HEAD-STOCK)

Unit:mm/in

规格 / 型号 Mode	A	B	H	h	a	b	g	Taper of Center	Diameter of Spindle hole	N.W.(kg)
BS-0	193	140	173	100	166	90	16	MT2	18	23.8
	7.59	5.51	6.81	3.93	6.53	3.54	0.63	B & S NO.7	18	23.8
BS-1	242	168	220	128	206	113	16	MT3	20	35.8
	9.52	6.61	8.66	5.04	8.11	4.45	0.63	B & S NO.9	20	35.8

SEMI-UNVERSAL INDEX CENTER B & STYPE NO.O, NO.1(TAIL-STOCK)

规格 / 型号 Mode	A1	B1	H1	h	a1	b1	g1	N.W.(kg)	Mueasurement m3
BS-0	175	87	107	100	130	92	16	Packed with the Dividing Head	
	6.89	3.42	4.21	3.93	5.12	3.62	0.63		
BS-1	183	87	137	128	158	110	16	Packed with the Dividing Head	
	7.20	3.42	5.39	5.04	6.22	4.33	0.63		

STANDARD ACCESSORIES
Dividing plate A,B,C.
Numbers of holes of dividing plate
(worm gear reduction ratio 1:40)

Unit:mm

Numbers of hole	PlateA	15	16	17	18	19	20
	PlateB	21	23	27	29	31	33
	PlateC	37	39	41	43	47	49

特点：

◎分度头
半万能分度头是简易的分度中心，可直接、间接分度，完成面、槽、齿加工，不需配件。但整体结构与万能分度头相同，快速分度的 24 孔直接进行 2，3，4，6，8, 12, 24 等分分度，随机附 3 个分度板间接分度等分数 2-50，51-380。

Features:

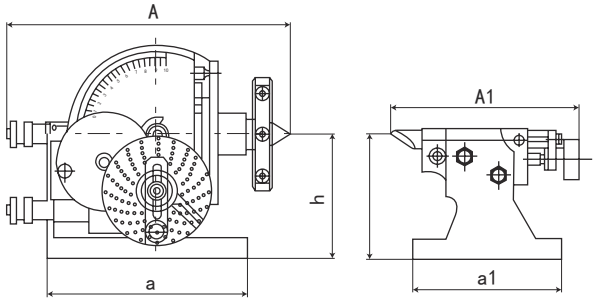
◎ Semi-Universal Dividing Head is a simple Index Center and can be used for direct and indirect dividing.Complete the gear,face,flute processing and no need accessories,but the whole construction is the same as universal type.The 24 quick-dividing holes can complete 2, 3, 4, 6, 8, 12, 24 division indexding Attaches 3 dividing plate along with the dividing head indirect dividing in any division indexding 2-50,51-380.

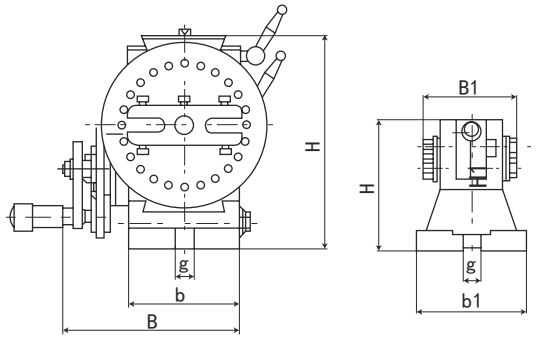
BS 系列万能分度头 BS SERIES UNIVERSAL DIVIDING HEAD

OPTIONAL ACCESSORY
3-jaw Chuck
4" or 5" 3-jaw Chuck for BS-0
5" or 6" 3-jaw Chuck for BS-1
6" or 7" or 8" 3-jaw Chuck for BS-2









UNIVERSAL INDEX CENTER B & S NO.2(HEAD-STOCK)

规格 / 型号 Mode	A	B	H	h	a	b	g	Work hole taper	N.W.(kg)
BS-2	370	280	236	133	212	134	16	MT4	73
	14.57	11.02	9.29	5.24	8.35	5.28	0.63	B & S NO.10	73

in

UNIVERSAL INDEX CENTER B & S NO.2(TAIL-STOCK)

规格 / 型号 Mode	A1	B1	H1	h	a1	b1	g1	N.W.(kg)	Mueasurement m3
BS-2	183	87	156	133	175	122	16	Packed with the Dividing Head	
	7.2	3.42	6.14	5.24	6.89	4.80	0.63		

in

STANDARD ACCESSORIES
Dividing plate A,B,C.
Numbers of holes of dividing plate
(worm gear reduction ratio 1:40)

Numbers of hole	PlateA	15	16	17	18	19	20
	PlateB	21	23	27	29	31	33
	PlateC	37	39	41	43	47	49

特点：

◎万能分度中心（分度头）
万能分度头为综合型辅助设备，分度精确，操作灵活及螺旋连作较以往加工倍速提高效率，中心面可在仰角 90°俯角 10°间任意调节，此中心适用于高标准的检验及测试，为保证客户满意蜗轮副设计为 1：40

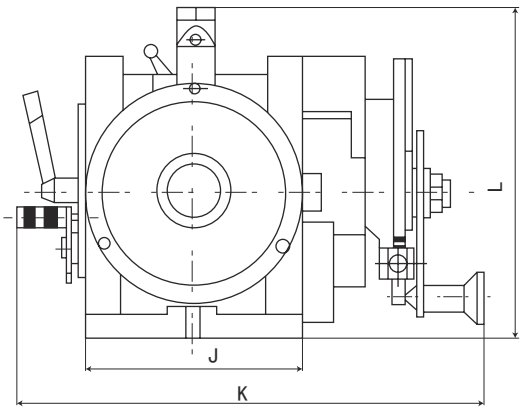
Features:

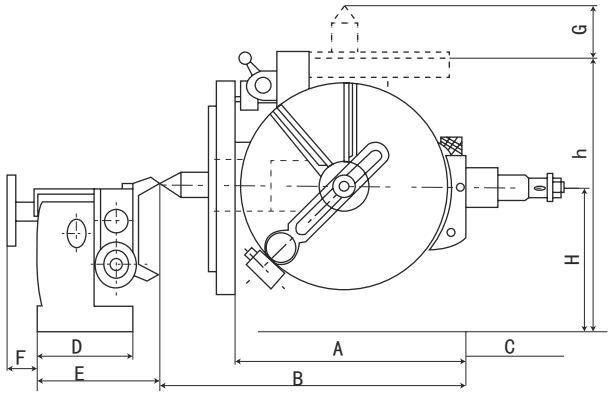
◎ The Universal dividing head(Index Center) has been designed to carry out all types of gear cutting.Precision dividing and spiral word with greater precision and efficiency than before. The center face can adjust from elevation 90 to depression 10, It suits for high standard inspection and test.In order to satisfied customers,the worm gear radio is designed for 1:40.

BS-3 超精密万能分度头 BS-3 SUPERIOR UNIVERSAL DIVIDING HEAD









规格 / 型号 Mode	A		B		C		D		E		F		G	
BS-3	245	921/23	322	1211/16	152	6	166	617/32	198	725/32	50	115/16	52	21/16
规格 / 型号 Mode	H		h		J		K		L		重量（kg）			
BS-3	143	55/8	278	1015/16	194	75/8	465	185/16	290	1113/32	132			

特点：

型号：BS-3
◎可作简易型分度，透过搭配齿轮或传动齿轮组，亦可作螺旋切削。
◎采 55mm（深度）主轴中心孔径贯穿设计，适用于强力切削，稳定性更高。
◎可倾斜 0-90 度，采 MT6 锥度顶针。
◎主轴、蜗杆采用高级钢材制成，经热处理、精密研磨，具耐用性及精度，蜗轮采用钢材，以增加其延展性。
标准配件
◎尾座
最高中心距为：165mm
最低中心距为：38mm
◎蜂巢板（蜗杆及蜗轮之减速比 40：1）
A 面孔数：24，25，28，30,34,37,39,41,42,43
B 面孔数：46，47,49,51,53,54,57,58,59,62,66
◎ 12 片齿轮组：（24,28,32,38,40,44,48,56,64,72,86,100）
◎传动齿轮组
◎中心轴 / 轴轮架

Features:

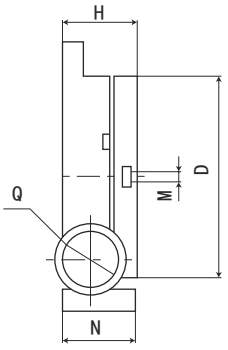
◎ ◎ The BS-3 is designed and made according to characteristics and advantages to all kinds of divid-ing heads,suitable for general diving,gear and rack spindle cutting,in many use.
◎ Designed for super hole 55.5mm of diameter,shaft hole. Slope of end hole is Morse’s taper No,6 and the BS-3 can be adjusted from being level or vertical(0° -90°)
◎ All the BS-3’s shaft,spindle center.worm and gear are made of super steels through grinding,heat treatment,to achieve rigid construction.
◎ Its tailstock designed in dovetail joint,very strong in structure which is available for heavy-duty load,also the degree can be adjusted in every direction.
◎ The ratio of worm and worm gear is 1:40.
◎ The Dividing plate is available in two sides,A and B.A Face 24,25,28,30,34,37,39,41,42,43, B Face 46,47,49,51,53,54,57,58,59,62,66.
◎ The changable gears are 24,28,32,38,40,44,48,56,64,72,86 ,and 100.
◎ Standard accessories are:Center,Carrier,Gear Bracket,Gear Set.
◎ Center Height of Tail Stock

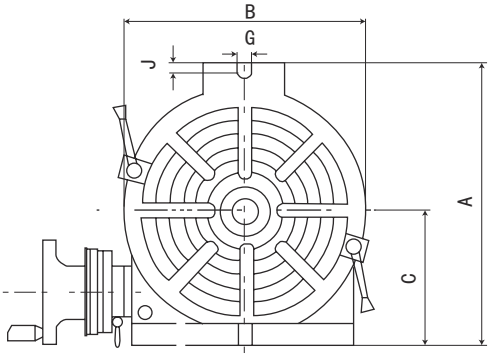
迷你型立卧两用分度盘 MINI SERIES ROTARY TABLE

主要规格和参数：Main teachnical parameter：

规 格 Specifications / 项目 Items	3"	4"	5"
工作面直径 Table diameter mm	ϕ76.2	ϕ110	ϕ127
台面中心孔锥度（莫氏） Morse taper of the center hole	MT2		
工作台垂直时中心高 Height of center for Verti.mounting mm	59	81.5	90
台面 T 型槽宽度 Width of the T-solt mm	8	12	12
台面 T 型槽相邻角度 Adjacent angle of table T-slot	90°	120°	120°
定位健宽度 Width of the locating key.mm	12	12	12
蜗杆副模数 Module of the worm gear	1	1	1
蜗杆副传动比 Transmission ratio of the worm gear	1:36	1:72	1:72
工作台圆周刻度 Graduation of the table	360°	360°	360°
蜗杆每转所代表的转台度数 Rotating angle of table with one revolution of the worm	10°	5°	5°
最大承载（卧式） Max.bearing（with table Hor.）kg	100	150	200
最大承载（立式） Max.bearing（with table Vert.）kg	50	75	100







规格 / 型号 Mode	HV-3"	HV-4"	HV-5"
A	98	145	155
B	78	114	127
C	59	85.5	90
D	ϕ76.2	ϕ110	ϕ127
E	12	12	12
G			
H	83	85	85
J			15
M	MT2	MT2	MT2
N	71	68	68

特点：

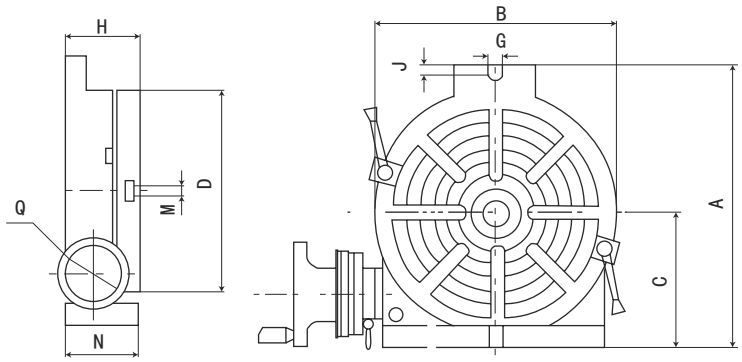
◎迷你型立卧两用分度盘是小型及家用铣床的主要附件之一，可用在铣床进行分度钻孔式铣削，圆周切削，镗孔鎏平面等工作，工作台垂直位置与尾座配合使用时还可对较复杂的工作进行圆周分度钻削和铣削。

Features:

◎ mini H/V rotary table is one of the main accessories of DIY and home use milling machines it is used for index boring,milling,circle cutting,spot facing and boring hole etc on milling machine.Rotary table in vertical with tailstock working together,it can used on complex work for circle index boring and milling

TSL 型系列回转工作台 TSL SERIES ROTARY TABLE





TSL 系列回转工作台安装尺寸图 DIMENSIONAL SKETCH

特点：

◎ TSL 型立卧回转工作台是铣床的主要附件之一，可用在铣床上进行分度钻孔或铣削、圆周切削、镗孔锪平面等工作。工作台垂直位置与尾座配合使用时，还可对较复杂的工作进行圆周分度钻削和铣削。

◎根据用户特殊要求，可提供手轮左置转台 TSL 系列

Features:

◎ TSL vertical & horizontal rotary table is one of the main accessories of milling machines it is used for index boring,milling,circle cutting,spot facing and boring hole etc on milling machine.Rotary table in vertical with tailstock working together,it can used on complex work for circle index boring and milling

◎ As clients' special requirements the TSL with left handwheel can be offered.

TSL 型系列回转工作台 TSL SERIES ROTARY TABLE

主要规格和参数：Main teachnical parameter:

规 格 Specifications / 项目 Items	TSL150 (HV-6)	TSL200 (HV-8)	TSL250 (HV-10)	TSL300 (HV-12)	TSL350 (HV-14)	TSL400 (HV-16)
工作面直径 Table diameter mm	ϕ150	ϕ200	ϕ250	ϕ300	ϕ350	ϕ400
台面中心孔锥度（莫氏） Morse taper of the center hole	3#			4#	4#	4#
工作台垂直时中心高 Height of center for Verti.mounting mm	100	135	165	195	230	260
台面 T 型槽宽度 Width of the T-solt mm	12			14		
台面 T 型槽相邻角度 Adjacent angle of table T-slot	90°		60°			
定位健宽度 Width of the locating key.mm	16					18
蜗杆副模数 Module of the worm gear	1.5		2	2.5		3.5
蜗杆副传动比 Transmission ratio of the worm gear	1：90					
工作台圆周刻度 Graduation of the table	360°					
蜗杆每转所代表的转台度数 Rotating angle of table with one revolution of the worm	4° (1'per graduation)					
游标最小示值 Minimum value of vernier	10"					
分度精度 Indexing accuracy	80"		60"			
最大承载（卧式） Max.bearing （with table Hor.）kg	100	150	200	250	300	350
最大承载（立式） Max.bearing （with table Vert.）kg	50	75	100	125	150	175

TSL 系列回转工作台安装尺寸参数：Installation sketch and dimensions

规格 / 型号 Mode	TSL150(HV-6)	TSL200(HV-8)	TSL250(HV-10)	TSL300(HV-12)	TSL350(HV-14)	TSL400(HV-16)
A	200	265	325	388	450	525
B	160	220	280	330	390	450
C	100	135	165	195	230	260
D	ϕ150	ϕ200	ϕ250	ϕ300	ϕ350	ϕ400
E	16					18
G	17					
H	83	105	115	135	138	150
J	10	10	15			
M	MT2	MT3	MT4			
N	78	98	113	133	128	145
净重 Net weight kg	14	28	43	71	83	93
毛重 Gross weight kg	15	30	45	73	85	95
箱体尺寸 (mm) Case dimensions	27×24×13	38×30×16	45×35×18	55×45×19	55×48×19	55×50×20

TS...A 系列回转工作台 TS...A SERIES ROTARY TABLE



主要规格和参数：Main teachnical parameter:

规格 Specifications / 项目 Items	TS160A	TS200A	TS250A	TS320A	TS400A	TS500A	TS630A	TS800A	TS1000A
工作面直径 Table diameter mm	ϕ160	ϕ200	ϕ250	ϕ320	ϕ400	ϕ500	ϕ630	ϕ800	ϕ1000
台面中心孔锥度（莫氏） Morse taper of the center hole	2#	3#	3#	4#	4#	5#	5#	6#	6#
台面 T 型槽宽度 Width of the T-solt mm	10	12	12	14	14	18	18	22	22
台面 T 型槽相邻角度 Adjacent angle of table T-slot	90°	90°	60°	60°	60°	45°	45°	45°	45°
定位健宽度 Width of the locating key.mm	12	14	14	18	18	-	-	-	-
工作台圆周刻度 Graduation of the table	360°	360°	360°	360°	360°	360°	360°	360°	360°
游标最小示值 Minimum value of vernier	10"	10"	10"	10"	10"	10"	10"	10"	10"
分度精度 Indexing accuracy	80"	60"	60"	60"	60"	60"	60"	60"	60"
工作台最大承载 Max.workload kg	100	150	200	250	300	550	700	1200	2000
净重 Net weight kg	16.5	22.5	33.5	65	125	215	345	800	1300
毛重 Gross weight kg	21.5	31	44.5	76	145	238	377	855	1400
箱体尺寸 Case dimensions	400×330×200	400×360×208	500×400×210	580×480×238	750×616×280	850×730×302	995×900×326	1175×1090×391	1430×1224×550

特点：

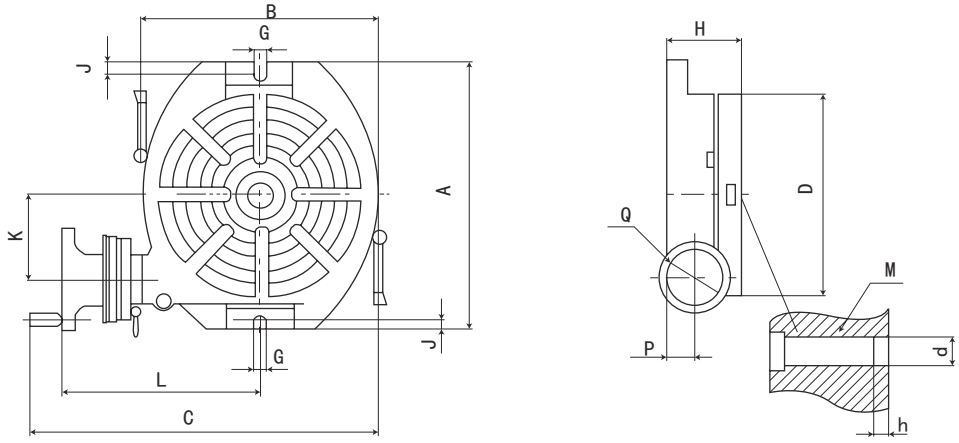
◎ TS...A 系列回转工作台（平转台）是铣床的主要附件之一，可用在铣床上进行分度、钻孔或铣削、圆周切削、圆周曲面加工、平面及部分线段的直线加工等工作。
每个规格的转台分别提供连接不同的法兰盘，作为特殊订货，并将法兰盘独立包装。另外，为特殊订货所提货的分度盘附件可实现 2 至 66 间所有整数和由 67 到 132 间能被 2，3 和 5 整除的所有整数的分度。

Features:

◎ TS...A series rotary table is one of the most important accessary of milling machine.It is widely used for index boring,milling,circle cutting,circle curve plane and segment etc operation.
As a option,different table supply different flange,flange will be packed separately.otherwise,diving plates which provides from the option can indexing all of the integer between 2 and 66 also can indexing the numbers between 67 and 132 which can be divided exactly by number 2,3 and 5.

TS...A 系列回转工作台 TS...A SERIES ROTARY TABLE

TS...A 系列回转工作台安装尺寸图 DIMENSIONAL SKETCH



TS...A 系列回转工作台安装尺寸参数：INSTALLATION SKETCH AND DIMENSIONS

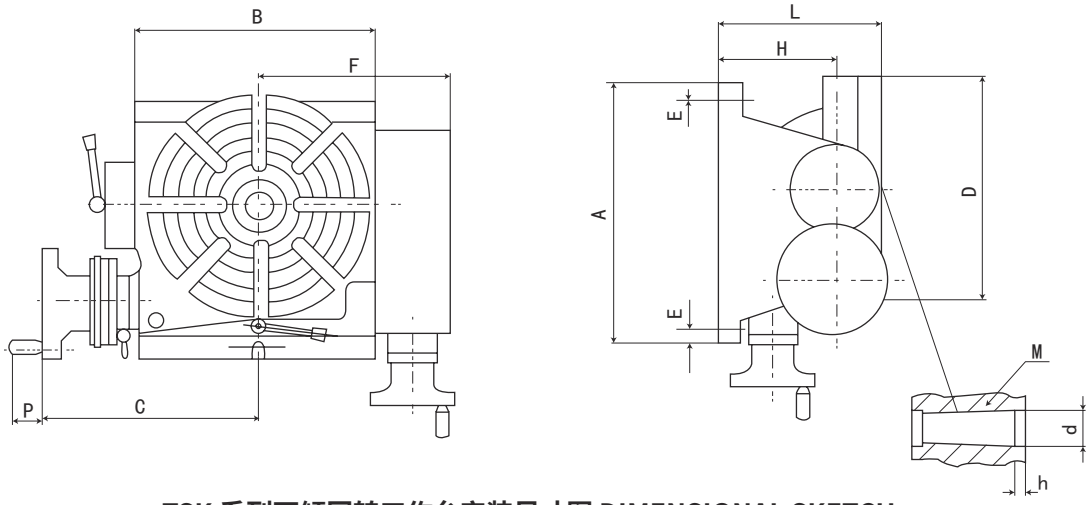
规格 / 型号 Mode	TS160A	TS200A	TS250A	TS320A	TS400A	TS500A	TS630A	TS800A	TS1000A
A	260	290	330	410	530	640	920	1000	1170
B	196	238	286	360	450	560	700	890	1080
C	332	368	422	493	612	753	898	1090	1295
D	ϕ160	ϕ200	ϕ250	ϕ320	ϕ400	ϕ500	ϕ630	ϕ900	ϕ1000
G	12	14	14	18	18	22	22	22	-
H	75	80	90	110	140	158.5	160	215	250
J	12	14	14	18	18	22	22	30	-
K	76	91.25	102.5	128.5	180	230	295	364	364
L	194	211	241	273	337	383	488	535	654
M	MT2	MT3	MT3	MT4	MT4	MT5	MT5	MT6	MT6
P	27	27	30.5	44	60	65	60	78	108
Q	125	125	125	125	160	180	220	250	250
d	ϕ25	ϕ30	ϕ30	ϕ40	ϕ40	ϕ50	ϕ50	ϕ50	ϕ50
h	6	6	6	10	10	12	12	14	14

特殊订货 Optional:

分度盘附件 1 套 Dividing plate　法兰盘附件 1 套 Flange 1 set

TSK 系列可倾回转工作台 TSK SERIES TILTING ROTARY TABLE





TSK 系列可倾回转工作台安装尺寸图 DIMENSIONAL SKETCH

特点：

◎ TSK 系列可倾回转工作台是铣床、镗床、钻床的主要附件之一，主要用于加工斜孔或通过一次装夹定位加工除支撑面以外要求从工件中的各方位进行加工的工件。另外，工作台可以垂直位置与尾座配合使用，对工件进行圆周分度钻削和铣削。

工作台可从水平位置到垂直位置间（0° -90°）任意调整并锁紧。

每个规格的转台分别提供连接不同卡盘的法兰盘，作为特殊订货，并将法兰盘独立包装。另外，为特殊订货所提供的分度盘附件可实现由 2 至 66 间所有整数和由 67 到下 132 间能被 2，3 和 5 整除的所有整数的分度。

Features:

◎ The TSK series tilting rotary tables are one of main accessories for milling,boring an drilling machines.They can be used for machining,the oblique hole or surface and hole of compound angle at one set-up.Besides this,it is so designed as to be used in a vertical position to carry out center work with a tailstock.

This table can be tilted to any position from 0 ° to 90 ° and locked.

A flange for connecting scroll chuck is special supplied,and be packed independent.For special order,the dividing plates accessory allows the operator to accurately divide the 360° rotation of the clamping surface into divisions of 2 through 66,and all divisible of 2,3and 5 from 67-132.

TSK 系列可倾回转工作台 TSK SERIES TILTING ROTARY TABLE

规格 Specifications / 项目 Items	TSK160	TSK250	TSK320	TSK400
工作台直径 Diameter of table mm	ϕ160	ϕ250	ϕ320	ϕ400
台面中心孔锥度（莫氏） Morse taper of the center hole	2#	3#	4#	4#
台面定位孔直径 Diameter of the center hole mm	ϕ25×6	ϕ30×6	ϕ40×10	ϕ40×10
台面 T 型槽宽度 Width of the T-solt mm	10	12	14	14
蜗轮副模数 Modules of worm and worm gear	1.5	2	2.5	3.5
定位健宽度 Width of the locating key.mm	12	14	18	18
台面 T 型槽相邻角度 Adjacent angle of table T-slot	90°	60°	60°	60°
蜗轮副传动比 Transmission ratio of the worm gear	1：90	1：90	1：90	1：90
工作台圆周刻度 Graduation of the table	360°	360°	360°	360°
工作台可倾角度 Tilting angle	0° -90°	0° -90°	0° -90°	0° -90°
轮台手轮刻度值 Readout of the handwheel	1'	1'	1'	1'
游标最小示值 Minimum value of vernier	10"	10"	10"	10"
可倾游标最小示值 Minimum reading of the tilting vernier	2'	2'	2'	2'
分度精度 Indexing accuracy	80"	60"	60"	60"
最大承载（卧式） Max.bearing（with table Hor.）kg	100	200	250	300
最大承载（立式） Max.bearing（with table Vert.）kg	50	100	125	150
净重 Net weight kg	36	80	135	280
毛重 Gross weight kg	44	93	150	305
箱体尺寸 Case dimensions	425×380×300	550×430×330	630×490×395	830×600×460

TSK 系列可倾回转工作台安装尺寸参数 Installation sketch and dimensions

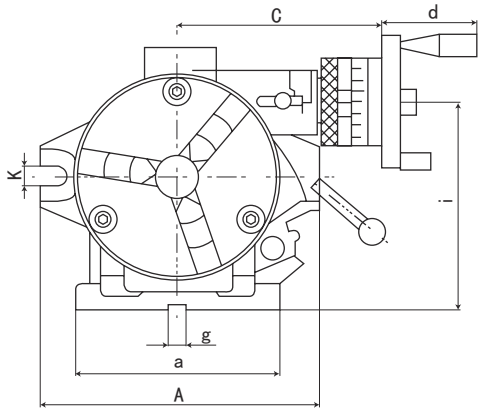
规格 / 型号 Model	TSK160	TSK200	TSK250	TSK320	TSK400
A	255	296	310	380	500
B	172	213	252	322	400
C	168	186	235	252	306
D	ϕ160	ϕ200	ϕ250	ϕ320	ϕ400
E	11	14	14	16	16
F	138	175.5	199	241	295
H	100	120	140	175	217
L	160	180	205	255	320
M	MT2	MT3	MT3	MT4	MT4
P	40	40	40	40	50
d	F25	ϕ30	ϕ30	40	40
h	6	6	6	10	10

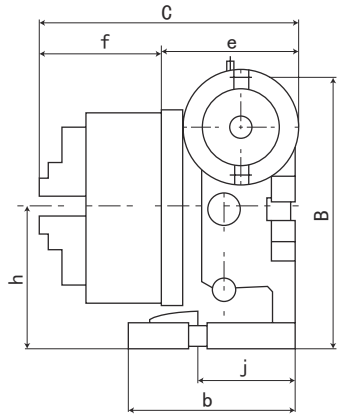
注：配带附件 Accessries T 型槽螺钉组 2 套 T-slot bolt Set 2sets

特殊订货 Optional: 分度盘附件 1 套 Hole plate 1 set 法兰盘附件 1 套 Flange 1 set

立卧两用强力型快速分度盘 HORIZONTAL/VERTICAL SUPER INDEXING SPACERS







ACCURACY for CS-6.8 CC-6.8	TOLERANCE(Max.)
台面平行度 Parallelisom of table surface to baset	.0006" .015m/m
台面纵向位置 Axial movement of table suvface	.0006" .015m/m
True running of center boss	.0004" .01m/m
Squarenese of base to angle face per12"	.0008" .02m/m
定位精度 Positionong accuracy	45 sec.

规格 / 型号 Mode	夹盘 Chuck				面盘 Face Plate	
	外径 Outer Dia.	通孔直径 Thru Hole Dia.	内径把握 Inner Jaw	外径把握 Outer Jaw	外径 Outer Dia.	厚度 Thickness
CS-6	160 6.30	40 1.57	3-55 0.12-2.17	55-145 2.17-5.71	205 8.07	40 1.57
CS-8	200 7.87	65 2.56	4-85 0.16-3.35	65-200 2.55-7.87	254 10	42 1.65

规格 / 型号 Mode	导向块 Guide Block	炮孔直径 Turret Hole Dia	A	B	C	a	b	c	d	e	f	g	h	i	j	k	毛重 Gross Weight kgs/lbs
CS-6	16 0.63	50 1.97	250 9.84	238 9.37	207 8.15	182 7.17	140 5.51	186 7.32	93 3.66	112 4.41	65 2.56	16 0.63	122 4.80	191 7.52	80 3.15	16 0.63	48 105
CS-8	16 0.63	63 2.48	320 12.60	294 11.57	235. 9.27	230 9.06	160 6.30	213 8.39	93 3.66	126.5 4.99	75 2.95	16 0.63	155 6.10	234.67 9.24	95 3.74	20 0.79	74 162

特点：

◎坚实的铸铁铸造，适用于铣床、钻床和镗床

◎ 24 位分度盘、涡轮经淬火硬化和全磨处理

◎主轴钢件精密磨削

◎ 360 度刻度环

◎刻度环镀铬处理，最小分度单位 5 分

◎加大中心孔适用于加工大件工件

◎中心关键引导块可快速、准确校准

◎用于主轴脱离的偏心涡轮壳体

◎把卡盘移走后，可用作立式和卧式的旋转工作台

◎传动比 1：90

◎水平和垂直安装位置

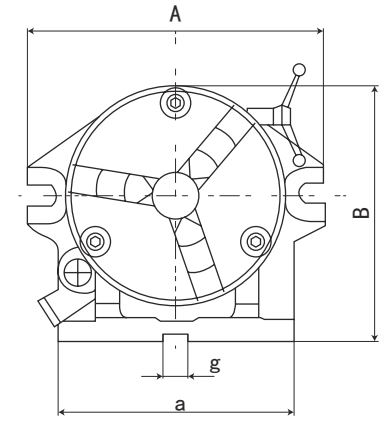
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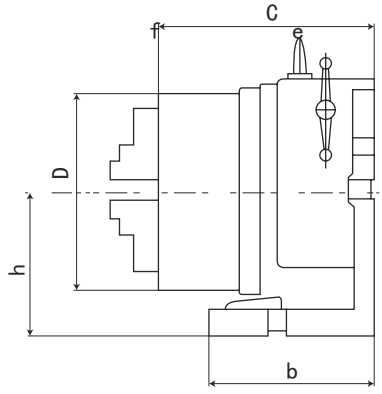
◎ Solid Meehanite casting, specially design for milling, drilling and boring
◎ Hardened and ground 24 position master plate and worm gear
◎ Precision ground steel spindle
◎ 360° graduated ring
◎ Chrome plated graduated ring with five minute vernier reading
◎ The center through hole is big to be suitable for the lager and big work piece
◎ Used the key guide block the center can be corrected both quickly and accurately
◎ Eccentric worm housing for spindle disengagement
◎ When the chuck is removed the unit can be used as a horizontal and vertical type rotary table
◎ The operating handle to rotary table worm gear reduction ratio is 1:90
◎ Horizontal and vertical mounting position

分度头系列 INDEX FIXTURE SERIES

立卧两用简易型分度盘 HORIZONTAL/VERTICAL BASIC INDEXING SPACERS







规格 / 型号 Model	Chuck				导向块 Guide Block	炮孔直径 Turret Hole Dia.	A	B	C	D	a	b	h	毛重 Gross Weight (kgs/lbs)
	外径 Outer Dia.	通孔直径 Thru Hole Dia.	内径把握 Inner Jaw	外径把握 Outer Jaw										
CC-6	16 6.30	40 1.57	3-55 0.12-2.17	55-145 2.17-5.71	16 0.63	50 1.97	255 10.04	255 8.86	152 5.98	160 6.30	190 7.48	115 4.53	130 5.12	32 70
CC-8	200 7.87	65 2.56	4-85 0.16-3.35	65-200 2.55-7.87	16 0.63	63 2.48	320 12.60	272 10.71	174 6.85	200 7.87	230 9.06	154 6.06	154 6.06	52 114

Features:

◎坚实的铸铁铸造，适用于铣床、钻床和镗床
◎ 24 位分度盘经淬火硬化和全磨处理
◎主轴钢件精密磨削
◎刻度环镀铬处理，最小分度单位 5 分
◎加大中心孔适用于加工大件工件
◎中心关键引导块可快速、准确校准
◎水平和垂直安装位置

特点：

◎ Solid Meehanite casting, specially design for milling, drilling and boring
◎ Hardened and ground 24 position master plate
◎ Precision ground steel spindle
◎ Chrome plated graduated ring with five minute vernier reading
◎ The center through hole is big to be suitable for the lager and big work piece
◎ Used the key guide block the center can be corrected both quickly and accurately
◎ Horizontal and vertical mounting position

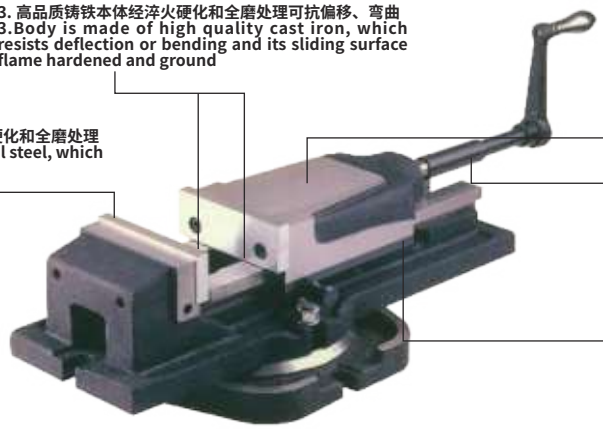
平口钳系列
PRECISION VISE SERIES

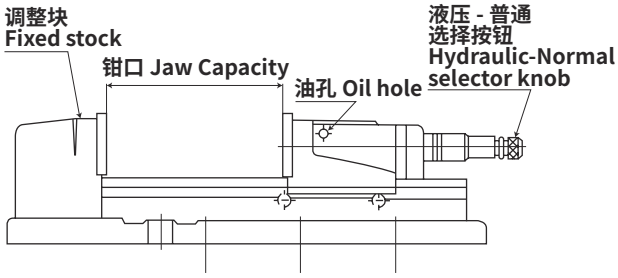


精密平口钳系列
PRECISION VISE SERIES

精密平口钳系列 PRECISION VISE SERIES

液压虎钳 HYDRAULIC POWER MACHINE VISES





单位：mm Unit:m/m

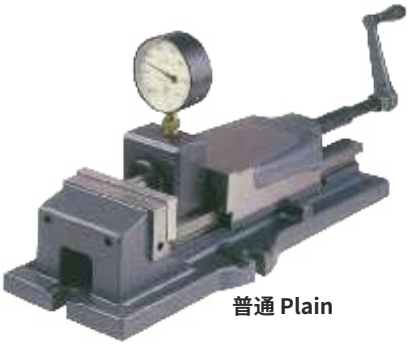
规格 / 型号 Model	三阶夹持位置 3 STEPS CLAMPING POSITION		
	X	Y	Z
HP-4V	0-60	57-115	110-170
HP-5V	0-72	70-140	135-220
HP-6V	0-100	98-200	195-305
HP-8V	0-100	98-200	195-305

特点：

三种钳口开口度
根据工件大小，移动丝母位置，可实现三种张开度

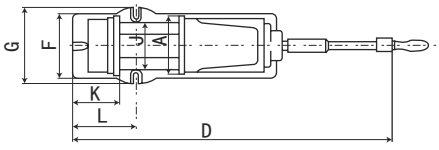
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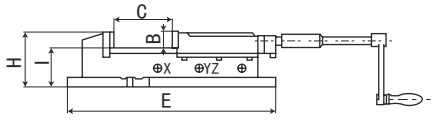
3Ranges For Jaw Opening
According the size of the work piece, changing the position of the screw nut, it can have three opening

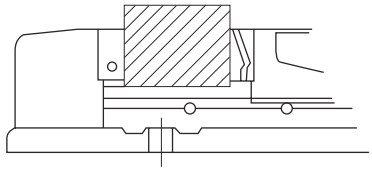

普通 Plain


带旋转基座
With Swivel Base


旋转基座
Swivel Base



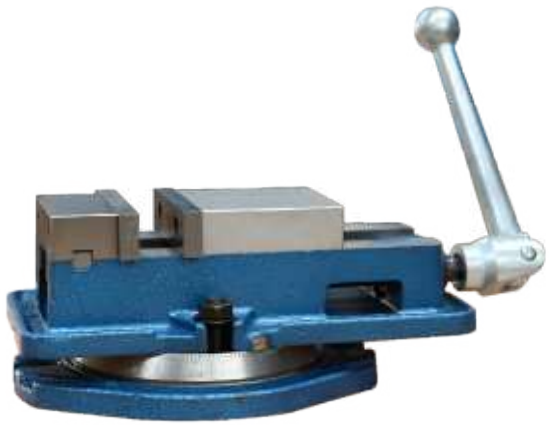


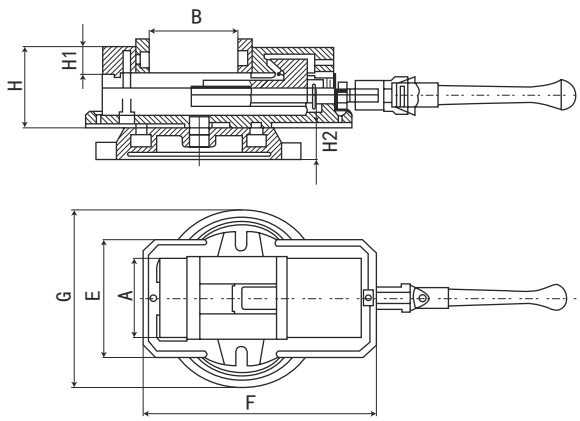

With lock down jaw

单位：英寸 / 毫米 Unit inches/mm

规格 / 型号 Model	钳口宽 JAW WIDTH(A)	钳口深 JAW DEPTH(a)	开口 JAW OPENING(c)	D	E	F	G	H	I	J	K	L	最大夹紧力 CLAMPING FORCE	净重 WEIGHT 普通 Plain	净重 WEIGHT 旋转基座 W/Swivel Base
HP-4V	100 4"	36 1.42"	170 6.7"	525	430	130	160	94	60	78	100	155	2600 kgs 5720 ibs	16 kgs 32 ibs	22 kgs 48.5 ibs
HP-5V	125 5"	46 1.81"	220 8.66"	670	540	165	185	118	72	97	117	185	3500 kgs 7700 ibs	32 kgs 70.4 ibs	42 kgs 92.4 ibs
HP-6V	155 6"	53.5 2.10"	305 12"	960	615	202	232	136	82	115	125	255	4600 kgs 10120 ibs	58 kgs 128 ibs	75 kgs 165 ibs
HP-8V	200 8"	62 2.44"	305 12"	1020	700	240	280	162	100	160	165	266	7200 kgs 15840 ibs	96 kgs 212 ibs	125 kgs 275 ibs

QM 系列机用平口钳 QM MACHINE VISES





规格 / 型号 Model	钳口宽度 Jaw Width(A)	钳口张开度 Jaw Opening(B)	钳口高度 Jaw Height(H1)	H	E	F	G	底座高度 Base Height H2	净重 N.W. (kg)
QM-100	4" 105	4-5/6" 110	1-11/32" 34	3-9/16" 90	6" 153	12-3/4" 234	9-7/32" 234	1-38" 34.5	24
QM-130	5" 130	4-3/4" 120	3-13/16" 97	3-13/16" 97	7-1/8" 181	14-5/16" 363	9-3/4" 248	1-38" 34.5	34
QM-150	6" 154	5-9/16" 160	4-7/16" 112.5	4 - 7 / 1 6 " 112.5	8-1/2" 215	16-3/4" 425	1 1 - 1 3 / 1 6 " 300	1-5/8" 41.5	45
QM-150X	6" 154	7-1/2" 190	4-7/16" 112.5	4 - 7 / 1 6 " 112.5	8-1/2" 215	16-3/4" 425	1 1 - 1 3 / 1 6 " 300	1-5/8" 41.5	40
QM-200	8" 200	8-5/8" 218	5-1/2" 140	5-1/2" 140	10-3/4" 273	21-5/8" 550	14-3/8" 366	1-5/8" 41.5	85

特点：

◎性能及特点：
◎独特结构可使工件有效夹紧。
◎可卸式曲柄，可加快紧固工作。
◎钳口垫、道轨丝杆经淬火处理。
◎两道轨对底面的平行度为 0.005/100mm。
◎两钳口垫对道轨面垂直度为 0.015/100mm。

Features:

Performance and character:
◎ Special design to clamp easily.
◎ Removable crank can speed up clamping.
◎ Hardened jaw plates and leadscrew.
◎ Parallelism between guideways and flatxness: 0.005/100mm.
◎ The perpendicular between jaw plates and guideway: 0.015/100mm.

角固式立横两用精密平口钳 PRECISION GROUND LOCKED TYPE MACHINE VISE



特点：

◎精密磨削，立卧两用。
◎适用于数控机床和加工中心。
◎每个平面的平面度 0.001”
◎每个面的垂直度 0.0004”，平行度 0.0008”。
◎底面和侧面均可安装子工作台上。

Features:

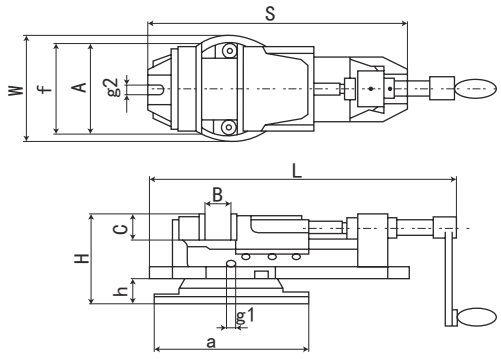
◎ Precision ground for use in horizontal and vertical position.
◎ For use on NC/CNC machines.
◎ All sides flatness to 0.001”.
◎ Accuracy both sides,square to bottom to 0.0004” & parallel to each other to 0.0008”.
◎ Can be mounted on side or base.

规格 / 型号 Model	钳口宽度（mm） Jaw Width	钳口高度（mm） Jaw Height	钳口张开度 (mm) Jaw opening	毛重 / 净重（kg） G.W/H.W	包装体积 长 × 宽 × 高 (cm) Volume	包装形式 palking shape
QM16100N	100	32	100	10/9.5	37×16.5×15	纸箱 carton
QM16160N	160	45	200	26/25	48×20×21	纸箱 carton

精密平口钳系列 PRECISION VISE SERIES

K 型机用虎钳 K-TYPE MACHINE VISES





规格 / 型号 Model	钳口宽度 Jaw Width(A)	钳口开口度 Jaw Opening(B)	钳口高度 Jaw Height(C)	L	H	S	a	b	f	h	g1	g2	重量（磅 / 公斤） Weight (lbs/kgs)
TK-100	4" 103	2.76" 70	1.42" 36	12.52" 318	3.30" 84	11.73" 298	6.89" 175	4.72" 120	4.25" 108	1.10" 28	0.47" 12	0.47" 12	22 10
TK-130	5.20" 132	3.35" 85	1.42" 36	15.04" 382	3.82" 97	14.37" 365	8.27" 210	5.91" 150	4.96" 126	1.30" 33	0.51" 13	0.51" 13	35 16
TK-150	6.10" 155	4.49" 114	1.73" 44	18.62" 473	4.33" 110	17.52" 445	10.31" 262	7.24" 184	6.22" 158	1.65" 42	0.63" 16	0.63" 16	60 27
TK-200	7.99" 203	6.25" 159	2.36" 60	24.21" 615	5.71" 145	22.83" 580	13.78" 350	9.29" 236	8.50" 216	1.73" 44	0.71" 18	0.71" 18	133 60

特点：

◎优质铸铁铸造本体、可移动钳口和旋转底座

◎钳口垫由淬火处理，全磨工具钢所制

◎用于重载机械可保持精度

Features:

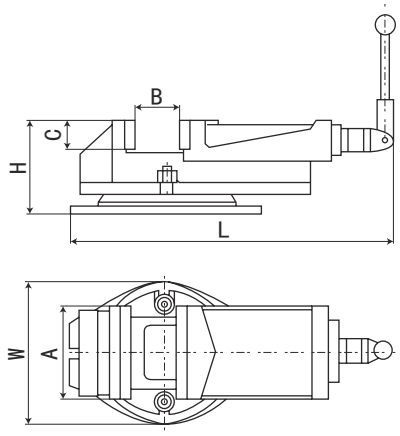
◎ Body, moveable jaw and swivel base made of high quality casting

◎ Jaw plate of hardened and ground tool steel

◎ Built for heavy duty machining and retained accuracy

QH 型机用虎钳 QH-TYPE MACHINE VISES





规格 / 型号 Model	钳口宽度 Jaw Width(A)	钳口开口度 Jaw Opening(B)	钳口高度 Jaw Height(C)	L	W	H	重量（磅 / 公斤） Weight(lbs/kgs)
QH-100	4" 100	3.15" 80	1.77" 45	12.60" 320	6.30" 160	4.72" 120	37.5 17
QH-125	5" 125	4" 100	1.97" 50	13.78" 350	7.09" 180	5.11" 130	48.5 22
QH-150	6" 152	6" 152	21" 51	15.98" 406	9.13" 232	6" 152	74.8 34
QH-200	8" 200	6.30" 160	2.68" 68	18.90" 480	10.63" 270	7.09" 180	140.8 64

特点：

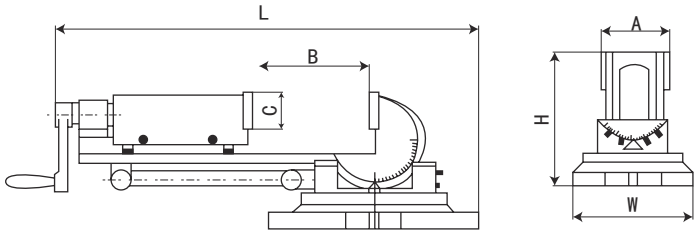
◎用于铣床、刨床和钻床
◎坚固的结构可用于重载工作
◎交流励磁电机螺丝全覆盖
◎精磨、精加工

Features:

◎ Used in milling, shaping and drilling machines
◎ Sturdy construction for heavy duty work
◎ Fully covered acme screw
◎ Precision ground accuracy machined

万向角度机用虎钳 UNIVERSAL 3-WAY ANGLE MACHINE VISES





特点：

◎采用高质量的铸铁材料
◎两钳口的平行度0.025mm/100mm，两钳口对导轨面垂直度0.025mm
◎采用钳体、双向体、滑座回转可倾机构，实现三个方向各种方位的定位
◎广泛用于机械加工、电加工等负责零件的使用

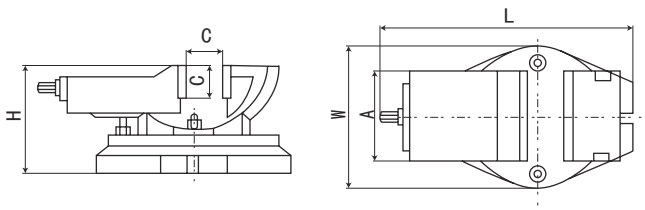
Features:

◎ It is made of high-quality cast iron
◎ Parallelism 0.025mm/100mm, perpendicularity 0.025mm
◎ Attained fitting with a stop in three way, by using such circling delineable structure as vise body, two way body and sliding base.
◎ It is used on machining and EDM complex parts

规格 / 型号 Model	钳口宽度 Jaw Width(A)	钳口开口度 Jaw Opening(B)	钳口高度 Jaw Height(C)	L	W	H	垂直高度 Vertical Height	重量（磅 / 公斤） Weight(lbs/kgs)
3W-AV80	3.23" 82	3.54" 90	1.26" 32	16.14" 410	7.48" 190	6.30" 160	15.75" 400	37.4 17
3W-AV100	4.17" 106	4.17" 106	1.50" 38	20.87" 530	9.13" 232	7.28" 185	19.69" 500	74.8 34
3W-AV130	5.31" 135	5.71" 145	1.57" 40	25.20" 640	10.83" 275	8.46" 215	23.62" 600	101 46

可倾斜机用虎钳 2-WAY ANGLE MACHINE CISES





特点：

◎采用高质量的铸铁材料
◎两钳口的平行度 0.025mm/100mm，两钳口对导轨面垂直度 0.025mm
◎采用回转可倾结构，钳身在大圆弧导轨上做 90°转动与转盘在底座上 360°转动组合，获得各种空间角度
◎广泛用于机床上加工各种角度的平面、槽、孔

Features:

◎ It is made of high-quality cast iron
◎ Parallelism 0.025mm/100mm, perpendicularity 0.025mm
◎ The vise body can be indexed through 90 degree in vertical direction along large arc-shaped guide way of swivel disc which can be indexed through 360 degree in horizontal direction on the base
◎ It is widely used on machine tool in making some kinds of slots, holes and faces

规格 / 型号 Model	钳口宽度 Jaw Width(A)	钳口开口度 Jaw Opening(B)	钳口高度 Jaw Height(C)	L	W	H	重量（磅 / 公斤） Weight(lbs/kgs)
QHK-100	4" 100	4" 100	1.61" 41	17.13" 435	7.24" 184	5.83" 148	43 19.5
QHK-125	5.04" 128	5.12" 130	1.77" 45	20.08" 510	9.21" 234	6.50" 165	65 29.5
QHK-160	6.3" 160	6" 152	1.97" 50	24.41" 620	10.47" 266	7.64" 194	108 49

精密平口钳系列 PRECISION VISE SERIES

ZZ-00330 精密工具平口钳 THE PRECISION TOOL VISES

特点:

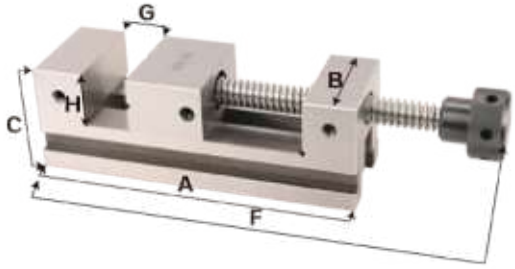
◎采用优质合金结构钢制造，工作面硬度 HRC58-62
◎平行度 0.005mm/100mm，垂直度 0.005mm
◎加紧快，操作灵活
◎用于精密测量和检查，精密磨削及电火花
◎在工作时无论横立、竖立、平放皆可保持高的精密度

Features:

◎ Made of high-quality alloy steel, the hardness of working surface reaches HRC58-62
◎ Parallelism 0.005mm/100mm squareness 0.005mm
◎ Quick to clamp and easy to operate
◎ Used for precision measurement and in spection precision grinding, EDM and Wire-cutting machine
◎ Guarantee high accuracy in any position

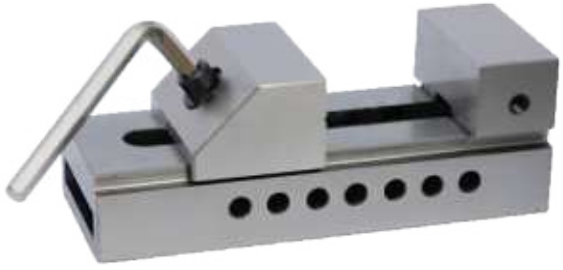
ZZ-00332 QGG 系列精密工具平口钳 PRECISION TOOL VISES

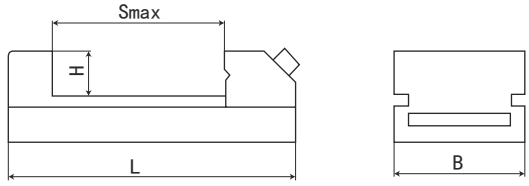




型号 Model	总长 Length(A)	总宽 Width(B)	总高 Height(C)	钳口高度 Jaw Height(H)	最大开口尺寸 Max Jaw Opening(G)	F	重量 KG	其他厂家 Other Factory(C)
QGG50	155	50	50	25	65	193	2.2	50
QGG60	110	60	60	25	55	165	2	60
QGG63	190	63	65	32	85	228	4.3	65
QGG73	210	73	74	35	100	252	6	70
QGG80	220	80	84	40	100	262	7.8	80
QGG88	250	88	88	40	125	292	9.5	85
QGG100	260	100	95	45	125	302	12.5	90
QGG125	300	125	110	50	160	342	19.5	100
QGG150	315	150	110	50	175	365	24.5	100

ZZ-00334 QKG 系列精密工具平口钳 PRECISION TOOL VISES

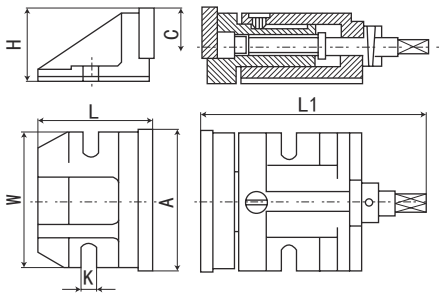




订单号 Order No.	B mm	H mm	Smax mm	L mm	重量 KGS
QKG25	26	9.15	22	65.4	0.5
QKG36	36	20	40	100	1.2
QKG38	38	20	44	105	1.3
QKG50	50	25	65	140	2.0
QKG63	63	32	85	175	3.0
QKG73	73	35	100	190	4.1
QKG80	80	40	100	200	5.5
QKG88	88	40	125	235	7.3
QKG100	100	45	125	245	10.0
QKG125	125	50	160	285	18.0
QKG150	150	50	200	330	21.5
QKG150A	150	50	250	380	23.0
QKG150B	150	50	300	430	24.0

两块自由式机用虎钳 2-PIECE MACHINE VISES





规格 / 型号 Model	钳口宽度 Jaw Width(A)	Clamp Travel	钳口高度 Jaw Height(C)	L	L1	H	W	K	重量（磅 / 公斤） Weight(lbs/kgs)
FV-6E	6.30" 160	2.76" 70	2.20" 56	5" 127	9" 230	3.15" 80	6" 152	0.75" 19	40 18
FV-8E	8" 204	3.35" 85	2.48" 63	5" 127	11" 280	4" 102	7.88" 200	0.75" 19	60 27

特点：

◎可以夹持越长工件，并且可以利用整个机床的工作台面
◎钳体由高品质铸铁做成
◎钳口淬火，精密磨光
◎机械加工键槽确保精确安装

Features:

◎ This vise is designed to handle extra long work pieces, and make it possible to utilize the full length of the machine table
◎ The body is made of high quality casting
◎ Jaw plates are hardened and precision ground
◎ Machined keyways enable accurate setup

自由式机用虎钳 FREE MACHINE VISES



规格 / 型号 Model	钳口宽度 Jaw Width	Size	钳口高度 Jaw Height	重量（磅 / 公斤） Weight(lbs/kgs)
FV-350	75	75×67×150	140×350	15.4 7
FV-450	100	100×90×200	180×450	24.2 11
FV-550	125	125×120×250	250×550	48.4 22

特点：

◎用于超长工件加工
◎钳体由高品质铸铁做成
◎钳口淬火，精密磨光

Features:

◎ This vise is designed to handle extra long work pieces
◎ The body is made of high quality casting
◎ Jaw plates are hardened and precision ground

自由式机用虎钳 FREE MACHINE VISES



规格 / 型号 Model	钳口宽度 Jaw Width	Clamp Travel	钳口高度 Jaw Height	重量（磅 / 公斤） Weight(lbs/kgs)
FSV-62	62	0-5	58	13.2 6
FSV-85	85	0-7	85	26.4 12
FSV-125	120	0-10	95	46.2 21

特点：

◎用于超长工件加工
◎钳体由高品质铸铁做成
◎钳口淬火，精密磨光

Features:

◎ This vise is designed to handle extra long work pieces
◎ The body is made of high quality casting
◎ Jaw plates are hardened and precision ground

精密平口钳系列 PRECISION VISE SERIES

QB 系列机用平口钳 QB MACHINE VISES



特点：

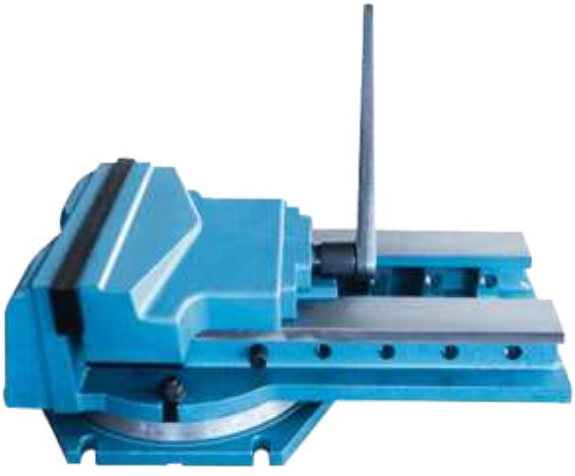
性能及特点：
◎采用高质量的铸铁材料
◎ 两钳口的平行度，两钳口中对导轨面垂直度≤ 0.025mm/100mm
◎广泛用于铣床、钻床等进行各种平面、沟槽、角度、孔等加工

Features:

◎ It adopts the high-quality cast irons
◎ Both parallelism and verticality about the two jaws are 0.025mm/100mm
◎ It is widely used for the milling machine and the drilling machine to process some surface, slots and holes

规格 / 型号 Model	钳口宽度 Width Of Jaw (mm)	钳口高度 Height Of Jaw (mm)	钳口张开度 Max.Opening (mm)	毛重 / 净重 G.W./N.W. (kg)	包装体积 Packing Volume 长 × 宽 × 高 L×W×H (cm)	包装形式 Packing Shape
Q13(QB)136	136	36	170	18/17	43×20×19	纸箱 Carton
Q13(QB)160	160	51	180	24/23	43×20×22	纸箱 Carton
Q13(QB)200	200	64	220	43/41	50×25×23	纸箱 Carton
Q13(QB)250	250	64	280	75/73	62×35×27	木箱 Wooden box
Q13(QB)320	320	81	360	118/115	73×39×26	木箱 Wooden box

QY 系列机用平口钳 QY MACHINE VISES



特点：

◎ QY 系列平口钳采用机械传动液压夹紧结构，夹持力永久。
◎丝母位置可以根据工件大小调，开口度大。
◎用于大型刨床、磨床、铣床、钻床及加工中心。

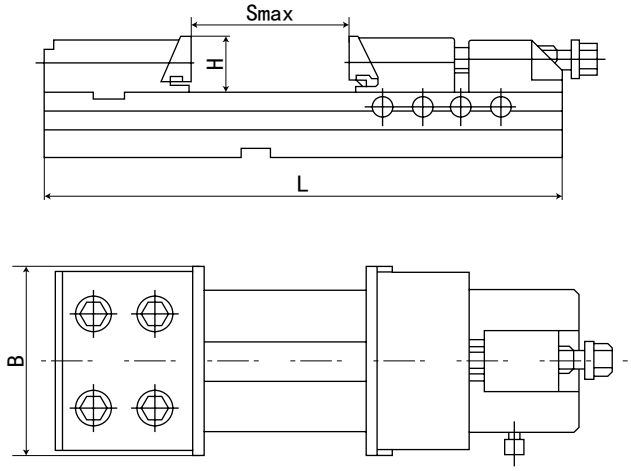
Features:

◎ QY series flat nose pliers adopt mechanical drive hydraulic clamping structure, with permanent clamping force.
◎ The position of the fillet mother can be adjusted according to the size of the workpiece, and the opening degree is large.
◎ Used for large planer, grinder, milling machine, drilling machine and machining center.

规格 / 型号 Model	钳口宽度 Width Of Jaw (mm)	钳口高度 Height Of Jaw (mm)	钳口张开度 Max.Opening (mm)	毛重 / 净重 G.W./N.W. (kg)
QY150	152	52	320	60/58
QY200	200	63	350	88/80
QY320	320	81	390	110/100
QY400	400	85	430	169/159

精密组合平口钳 PRECISION MODULAR VISES





规格 / 型号 Model	B（mm）	H（mm）	Smax（mm）	L（mm）	最大夹紧力（kg）
ZQ125-1	125	40	150	345	3000
ZQ150A-1	150	50	200	420	5000
ZQ150B-1	150	50	300	520	5000
ZQ175A-1	175	60	200	455	6000
ZQ175B-1	175	60	300	555	6000
ZQ175C-1	175	60	400	655	6000
ZQ200A-1	200	65	200	495	10000
ZQ200B-1	200	65	300	595	10000
ZQ200C-1	200	65	400	695	10000
ZQ200D-1	200	65	500	795	10000
ZQ200E-1	200	65	600	895	10000
ZQ300A-1	300	85	200	535	10000
ZQ300B-1	300	85	300	635	10000
ZQ300C-1	300	85	400	735	10000
ZQ300D-1	300	85	500	835	10000
ZQ300E-1	300	85	600	935	10000

特点：

◎采用优质合金钢制造

◎平行度 0.005mm/100mm, 垂直度 0.005mm

◎工作表面硬度 58-62，表面光洁度好

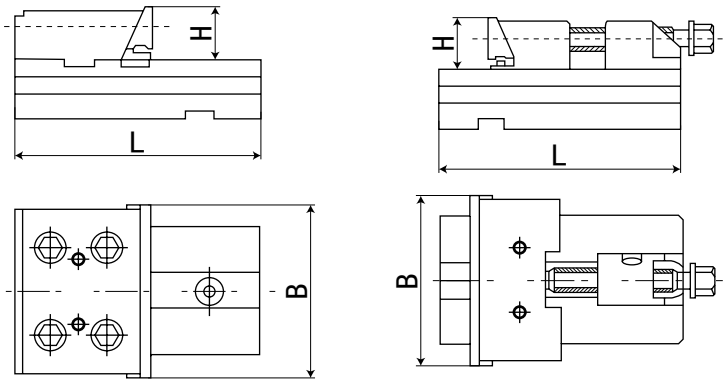
◎具有可拆换底座、固定钳口、活动钳口、夹紧快、操作方便

◎广泛用于加工中心等精密机床

Features:

◎ Made of high-quality alloy steel
◎ Parallelism 0.005mm/100mm,squareness 0.005mm
◎ The hardness of working surface is HRC58-62 andprecision ground surface
◎ lt have interchangeable base,fixed/ movablejawsit is quickly to clamp and esdy to operate
◎ It is widely used on machining center and other precison machine toole

ZQ84 型分离式组合平口钳 ZQ84 MODULAR VISES



规格 / 型号 Model	B（mm）	H（mm）	L（mm）
ZQ84125-1	125	40	320
ZQ84150-1	150	50	520
ZQ84175-1	175	60	560
ZQ84200-1	200	65	600
ZQ84300-1	300	85	650

特点：

◎采用优质合金钢制造

◎平行度 0.005mm/100mm，垂直度 0.005mm

◎工作表面硬度 58-62，表面光洁度好

◎可在工作台上组装成单向夹紧方式，满足加工尺寸较大工件的需要

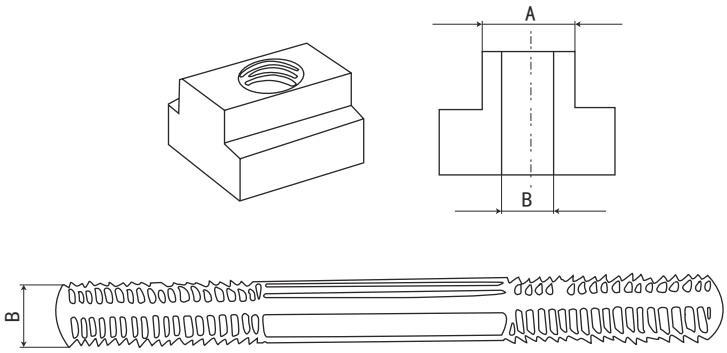
◎广范用于加工中心、数控铣床、镗床、铣床、磨床等机床

Features:

◎ Made of high-quality alloy steel
◎ Parallelism 0.005mm/ 100mm,squareness 0.005mm
◎ The hardness of working surface is HRC58-62 and precision ground surface
◎ Available for compound clamping.Suitable for unlimit Length work
◎ It is widely used on machining center and other precison machinetoole

52 件组合夹具 52-PC STEEL CLAMPING KIT





规格 / 型号 Model	No.	Table Slot(A)	Stud Size(B)	Block Size	Gross Weight (lbs/kgs)
437-CKM	CK-103A	7/16"	3/8"-16	1"	17.6
500-CKM	CK-103B	1/2"	3/8" -16	1"	8
S562-CKM	CK-104A	9/16"	1/2"-13	1"	25.8
S625-CKM	CK-104B	5/8"	1/2" -13	1"	11.7
S687-CKM	CK-105A	11/16"	5/8"-11	1"	32
S750-CKM	CK-105B	3/4"	5/8" -11	1"	14.5
METRIC SIZE					
CK-8	CK-8	10m/m	M8-1.25P	25m/m	15.4/7
CK-10	CK-10	12m/m	M10-1.25P	25m/m	18.7/8.5
CK-12A	CK-12A	14m/m	M12-1.75P	25m/m	24.2/11
CK-12B	CK-12B	15.7m/m	M12-1.75P	25m/m	24.2/11
CK-14	CK-14	16m/m	M14-2.0P	25m/m	27.5/12.5
CK-16	CK-16	18m/m	M16-2.0P	25m/m	31.9/14.5
CK-18	CK-18	20m/m	M16-2.5P	25m/m	68.2/31

特点：

◎ 尺寸为 1"(25mm) 的钢架组合包括 24 个螺柱 (4 个 3",4",5",6",7",8 " 或 75,100,125,150,175,200mm)。
6 个 T 型螺母
4 件联接螺母
6 个法兰盘螺母
6 个台阶式夹子
6 个 pas 台阶块
每个规格的零件都可以单独购买。

Features:

Block size 1" (25mm)Set in steel rack consists of 24 pcs studs(4ea.3" ,4" ,5" ,6" ,7" ,8" or75,100,125,150,175,200mm).
6 pcs T-Nuts
4 pcs Coupling Nuts
6 Pcs Flange Nuts
6 Pcs Step Clamps
6 pas step Blocks
The parts of every specification all can be purchased individually.

AP 系列切管器 AP SERIES PIPE CUTTER



特点：

◎棘轮式类型
棘轮式压力机将杠杆臂置于最舒适的位置，以便最终施力。
用于较重的弯曲。
手轮推进。

Features:

Rstchet Type
Ratchting Presses put lever arm in most comfortable Position for final appliction of force.
For heavier bending.
Handwheel advance.

规格 / 型号 Model	Approx. tons pressure	Capacity over table	Largest arbor	Ram square	Ram length	Height of press	Base dimension	Lever ratio	Weight(lbs/kgs)
AP-R3	3 ton	320 12.60"	64 12"	38 1.50"	457 18"	546 21.50	203×457 8"×18"	20:01	64/140
AP-R5	5 ton	452 17.80"	75 3"	51 2"	700 27.56"	820 32.28	242×665 9.53"×26.18	25:01:00	152/335

精密平口钳系列 PRECISION VISE SERIES

手板压力机＆分度盘附件 ARBOR PRESSES



特点:

◎单杠杆型
用最好的材料制成的重型结构
特殊钢
前面和侧面的摇臂调整
四个位置的砧板
钢制小齿轮和滑块

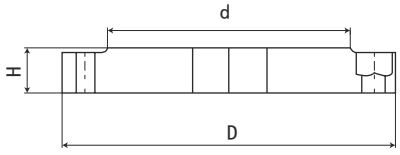
Features:

Single Leverage Type
Heavy duty construction made of finest materials
Special steel
Front and side gib adjustment
Four position anvil
Steel pinions and rams

规格 / 型号 Model	约吨压力 Approx.tons pressure	容量表 Capacity over table	最大心轴 Largest arbor	Press distance between ram and column	Ram square	Ram length	Height of press	底座尺寸 Base dimension	重量（公斤 / 磅） Weight(lbs/kgs)
AP-0	1/2 ton	120 4.73"	30 1.18"	92 3.62"	18 .71"	202 7.95"	265 10.43"	103×233 4.05×9.17"	7.7/17
AP-1	1 ton	145 5.71"	35 1.38"	108 4.25	25 1"	250 9.84"	300 11.81"	115×245 4.53×9.65"	11/25
AP-2	2 ton	215 8.46	48 1.89"	150 5.90	32 1.26"	335 13.19"	445 17.52"	170×380 6.70×14.96"	28/62
AP-3	3 ton	330 13"	63 2.48	170 6.70	38 1.50"	465 18.30"	580 22.83"	210×455 8.27×17.91"	62/135
AP-5	5 ton	470 18.50"	75 3"	250 9.84"	51 2"	700 27.56	820 32.28"	242×665 9.53×26.18"	139/306

法兰盘 FLANGES





规格 / 型号 Model	D	d	H	适用于 Used for model
FLAN-0	138	100	20	RT-HV6,8
FLAN-1	170	10	21	RT-HV8,10
FLAN-2	195	155	24	RT-HV10,12,14

法兰盘 FLANGES



Model No.	Used of model
DP-1	RT-HV6/RT-6

Numbers of holes of dividing plates
A-Plate 15,16,17,18,19,20
B-Plate 21,23,27,29,31,33
C-Plate 37,39,41,43,47,49

Model No.	Used of model
DP-2	RT-HV8,10,12,14/RT-8,10,12,14

Numbers of holes of dividing plates	
A-Plate	26,30,34,38,41,44,47,51,57
	28,32,37,39,43,46,49,53,59
B-Plate	16,67,71,77,81,87,91,97
	63,69,73,79,83,89,93,99

可调尾座 TAILSTOCK



规格 / 型号 Model	顶尖高度 Cente Height		适用型号 Used of model
	最大 Max.	最小 Min.	
TS-1	131 5.15"	97 3.81"	RT-HV6
TS-2	210 8.26"	130 5.12"	RT-HV8,10,12
TS-3	300 11.81"	210 8.27"	RT-HV14

固定尾座 TAILSTOCK



固定尾座（可选择）TAILSTOCK(OPTIONAL)

规格 / 型号 Model	顶尖高度 Cente Height	适用型号 Used of model
LTS-1	100	F11100A
LTS-2	125	F11125A
LTS-3	160	F11160A
LTS-4	200	F11200A
LTS-5	250	F12250A
LTS-6	300	F12300A
LTS-7	400	F12400A
LTS-8	500	F12500A
LTS-9	1000	F121000A

砂轮平衡架 GRINDING WHEEL BALANCER



特点：

◎砂轮平衡支架是磨床必须配备的附件，用它可以静平衡砂轮，以达到正确使用砂轮的目的,加水平仪还可以检测精密工件的静平衡。
◎规格：500mm、800mm.

Features:

◎ Grinding wheel balancer is one of the indispensable attachment for grinding machine.With the help of this grinding wheel balance,the grinding wheel can be static balance,to achieve the purpose of the proper use of grinding wheel,use the frame level can also imspect the static balance of precision instrument parts.
◎ Specification:500mm、800mm.

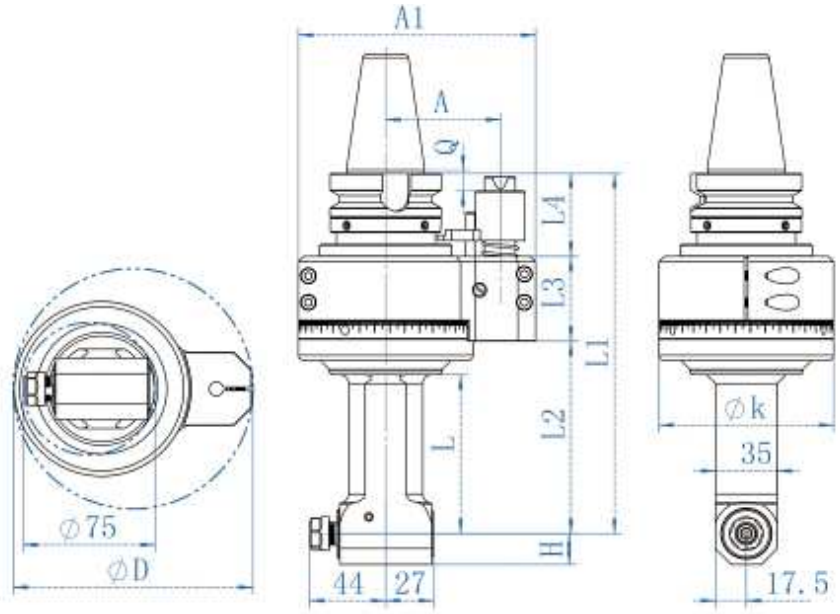
角度头系列
ANGLE HEAD SERIES



高精角度铣头系列
HIGH PRECISION ANGLE HEAD SERIES

DK90-ER11 系列 DK90-ER11 SERIES





驱动刀柄 Driver holder	规格型号 Model	L	L1	L2	L3	L4	Q	A	A1	D	K	H
BT40	DK90-ER11-90L	90	204	109	48	47	12.5	65	135	136	100	17.5/15
	DK90-ER11-140L	140	254	159								
	DK90-ER11-190L	190	294	199								
HSK63	DK90-ER11-90L	90	226	109		69	32					
	DK90-ER11-140L	140	276	159								
	DK90-ER11-190L	190	316	199								
HSK100	DK90-ER11-90L	90	249.5	131.5	49	69	31	80/110	164	165	130	
	DK90-ER11-140L	140	299.5	181.5								
	DK90-ER11-190L	190	349.5	231.5								
BT50	DK90-ER11-90L	90	240.5	131.5		60	24					
	DK90-ER11-140L	140	290.5	181.5								
	DK90-ER11-190L	190	340.5	231.5								

备注:

◎夹持范围：0.5-7mm
◎扭矩：8.8NM
◎通过直径：75
◎减速比：1:1
◎最高转速：5000RPM
◎旋转方向：CW-CW

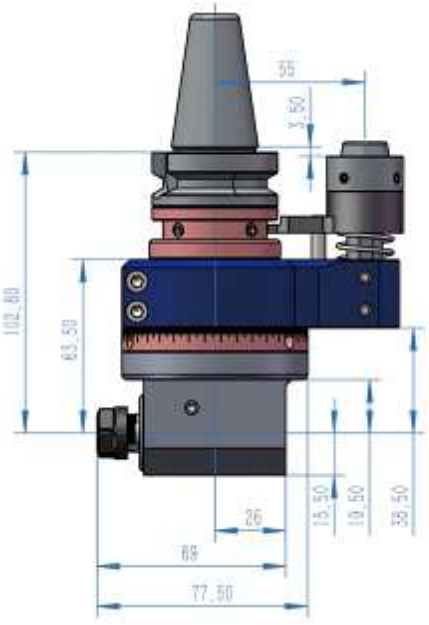
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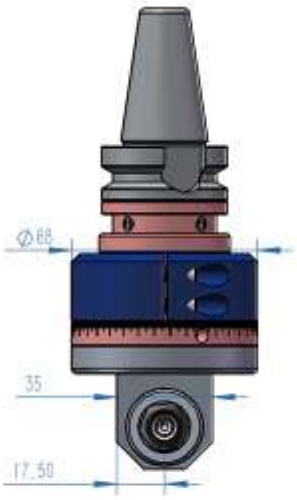
◎ Clamping range：0.5-7mm
◎ Torque：8.8NM
◎ Enter diameter：75
◎ Reduction ratio：1:1
◎ MAX speed：5000RPM
◎ Direction of rotation：CW-CW

高精度角度铣头 HIGH PRECISION ANGLE HEAD

DK90-BT30-ER11 系列 DK90-BT30-ER11 SERIES







最小通过直径 Enter diameter	扭矩 Torque	齿轮传动比 Gear ratio	最高转速 MAX speed	铣头重量 Weight	钻孔 Drilling	攻牙 Tapping
7 7mm	10.8Nm	1:1	6000rpm	1.6KG	7mm	M6

特点:

◎满足高速 ATC 的重量限制的轻小型 BT30 系列。

◎本角度采用高精密研磨齿轮，一体式传动结构，传动平稳。

◎接触式油封防尘防水性能优越，寿命长。

◎保障产品在各类恶劣环境中正常使用。

◎正转输入正转输出，适用于钻孔、攻牙、模具雕刻，上下左右铣削，可自动换刀入库。

Description:

◎ Tiny BT30 series meets the weight limit of high-speed ATC.

◎ Adopts high-precision grinding gears and an integrated transmission structure to ensure stability.

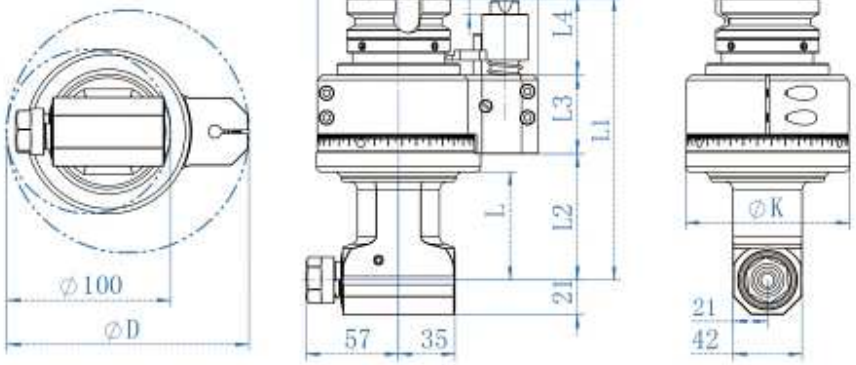
◎ Excellent dustproof and waterproof performance and long service life.

◎ Ensure normal use in various harsh environments.

◎ CW-CW.Used in drilling, tapping, mold engraving, up and down, left and right milling.Automatic tool change.

DK90-ER16 系列 DK90-ER16 SERIES





驱动刀柄 Driver holder	规格型号 Model	L	L1	L2	L3	L4	Q	A	A1	D	K	H
BT40	DK90-ER16-66L	66	172	77	48	47	12.5	65	135	145	100	/
	DK90-ER16-110L	110	216	121								
	DK90-ER16-160L	160	266	171								
	DK90-ER16-210L	210	316	221								
	DK90-ER16-260L	260	366	271								
HSK63	DK90-ER16-66L	66	194	77		69	32					
	DK90-ER16-110L	110	238	121								
	DK90-ER16-160L	160	288	171								
	DK90-ER16-210L	210	338	221								
	DK90-ER16-260L	260	388	271								
HSK100	DK90-ER16-66L	66	217.5	99.5	49	69	31	80/110	164	175	130	
	DK90-ER16-110L	110	261.5	143.5								
	DK90-ER16-160L	160	311.5	193.5								
	DK90-ER16-210L	210	361.5	243.5								
	DK90-ER16-260L	260	411.5	293.5								
BT50	DK90-ER16-66L	66	208.5	99.5		60	24					
	DK90-ER16-110L	110	252.5	143.5								
	DK90-ER16-160L	160	302.5	193.5								
	DK90-ER16-210L	210	352.5	243.5								
	DK90-ER16-260L	260	402.5	293.5								

备注：

◎夹持范围：0.5-10mm
◎扭矩：18NM
◎通过直径：100
◎减速比：1:1
◎最高转速：5000RPM
◎旋转方向：CW-CW

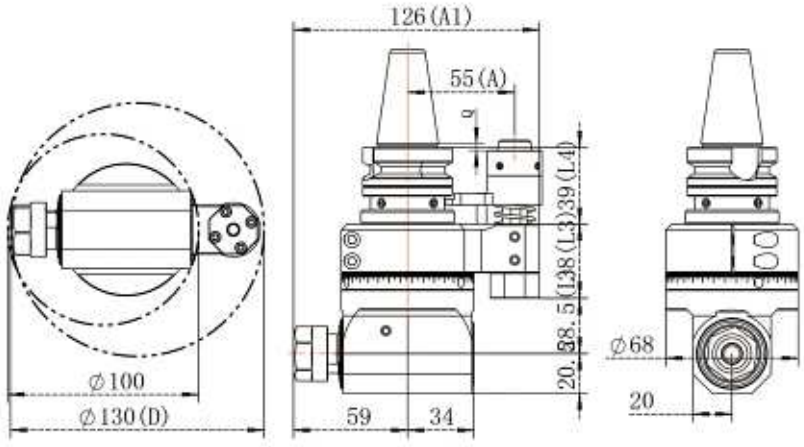
Remarks:

◎ Clamping range：0.5-10mm
◎ Torque：18NM
◎ Enter diameter：100
◎ Reduction ratio：1:1
◎ MAX speed：5000RPM
◎ Direction of rotation：CW-CW

高精度角度铣头 HIGH PRECISION ANGLE HEAD

DK90-BT30-ER16 系列 DK90-BT30-ER16 SERIES





驱动刀柄 Driver holder	规格型号 Model	L	L1	L2	L3	L4	Q	A	A1	D	K	H
BT30	DK90-BT30-ER16	28.5	/	/	38	39	3.5	55	126	130	68	20.5

备注:

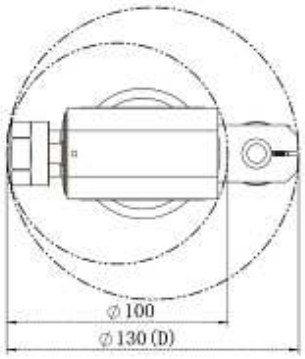
◎夹持范围：0.5-10mm
◎扭矩：18NM
◎通过直径：100
◎减速比：1:1
◎最高转速：6000RPM
◎旋转方向：CW-CW

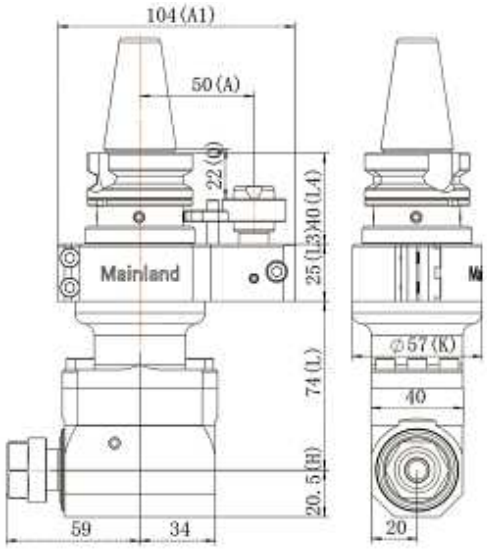
Remarks:

◎ Clamping range：0.5-10mm
◎ Torque：18NM
◎ Enter diameter：100
◎ Reduction ratio：1:1
◎ MAX speed：6000RPM
◎ Direction of rotation：CW-CW

DK90-BT30-ER16L 系列 DK90-BT30-ER16L SERIES







驱动刀柄 Driver holder	规格型号 Model	L	L1	L2	L3	L4	Q	A	A1	D	K	H
BT30	DK90-BT30-ER16	74	/	/	25	40	22	50	104	130	57	20

备注:

◎夹持范围：0.5-10mm
◎扭矩：18NM
◎通过直径：100
◎减速比：1:1
◎最高转速：6000RPM
◎旋转方向：CW-CW

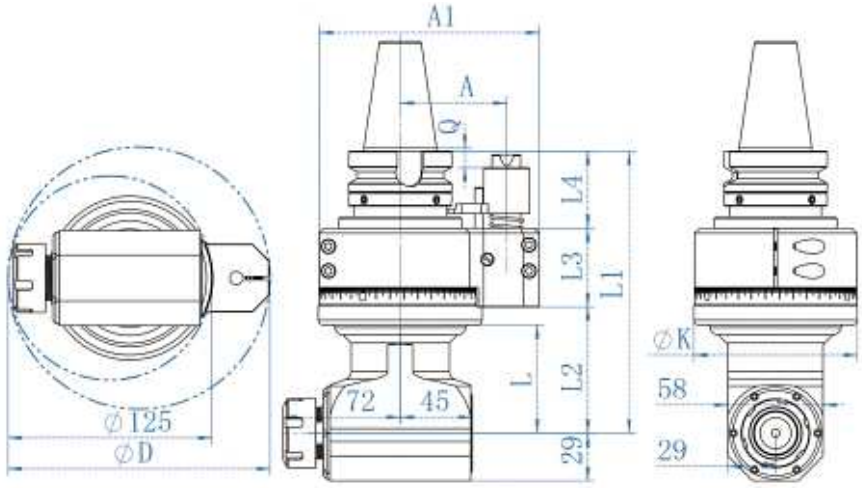
Remarks:

◎ Clamping range：0.5-10mm
◎ Torque：18NM
◎ Enter diameter：100
◎ Reduction ratio：1:1
◎ MAX speed：6000RPM
◎ Direction of rotation：CW-CW

高精度角度铣头 HIGH PRECISION ANGLE HEAD

DK90-ER25 系列 DK90-ER25 SERIES





驱动刀柄 Driver holder	规格型号 Model	L	L1	L2	L3	L4	Q	A	A1	D	K	H
BT40	DK90-ER25-66L	66	172	77	48	47	12.5	65	135	160	100	29
	DK90-ER25-110L	110	216	121								
	DK90-ER25-160L	160	266	171								
	DK90-ER25-210L	210	316	221								
	DK90-ER25-250L	250	356	261								
	DK90-ER25-300L	300	406	311								
HSK63	DK90-ER25-66L	66	194	77		69	32					
	DK90-ER25-110L	110	238	121								
	DK90-ER25-160L	160	288	171								
	DK90-ER25-210L	210	338	221								
	DK90-ER25-250L	250	378	261								
	DK90-ER25-300L	300	428	311								
HSK100	DK90-ER25-66L	66	218	99.5	49	69	31	80/110	164	180	130	
	DK90-ER25-110L	110	262	143.5								
	DK90-ER25-160L	160	312	193.5								
	DK90-ER25-210L	210	362	243.5								
	DK90-ER25-250L	250	412	293.5								
	DK90-ER25-300L	300	462	343.5								
BT50	DK90-ER25-66L	66	209	99.5		60	24					
	DK90-ER25-110L	110	253	143.5								
	DK90-ER25-160L	160	303	193.5								
	DK90-ER25-210L	210	353	243.5								
	DK90-ER25-250L	250	398	288.5								
	DK90-ER25-300L	300	448	338.5								

备注：

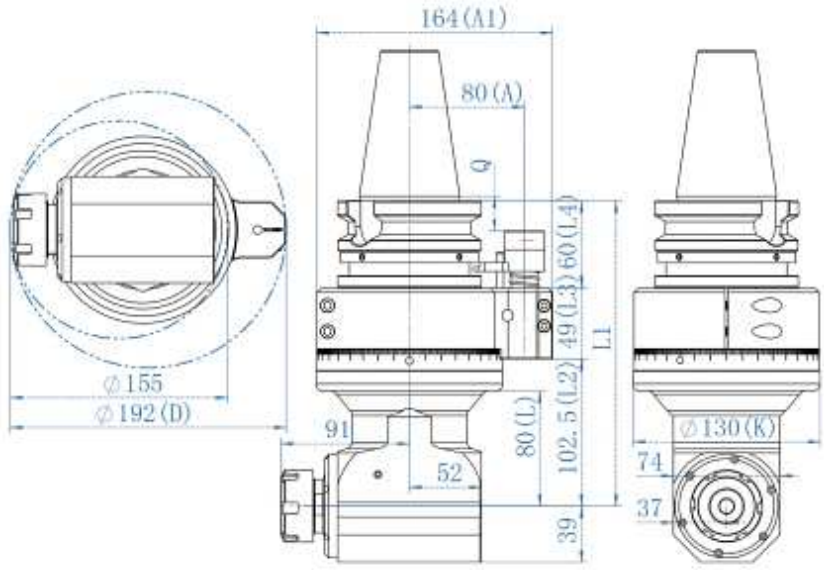
◎夹持范围：0.5-16mm
◎扭矩：46NM
◎通过直径：125
◎减速比：1:1
◎最高转速：4500RPM
◎旋转方向：CW-CW

Remarks:

◎ Clamping range：0.5-16mm
◎ Torque：46NM
◎ Enter diameter：125
◎ Reduction ratio：1:1
◎ MAX speed：4500RPM
◎ Direction of rotation：CW-CW

DK90-ER32 系列 DK90-ER32 SERIES





驱动刀柄 Driver holder	规格型号 Model	L	L1	L2	L3	L4	Q	A	A1	D	K
HSK100	DK90-ER32-80L	80	220	102	49	69	31	80/110	164	192	130
	DK90-ER32-150L	160	300	182	49	69					
BT50	DK90-ER32-80L	80	211	102	49	60	24				
	DK90-ER32-150L	160	291	182	49	60					

备注:

◎夹持范围：1-20mm
◎扭矩：65NM
◎通过直径：155
◎减速比：1:1
◎最高转速：3500RPM
◎旋转方向：CW-CW

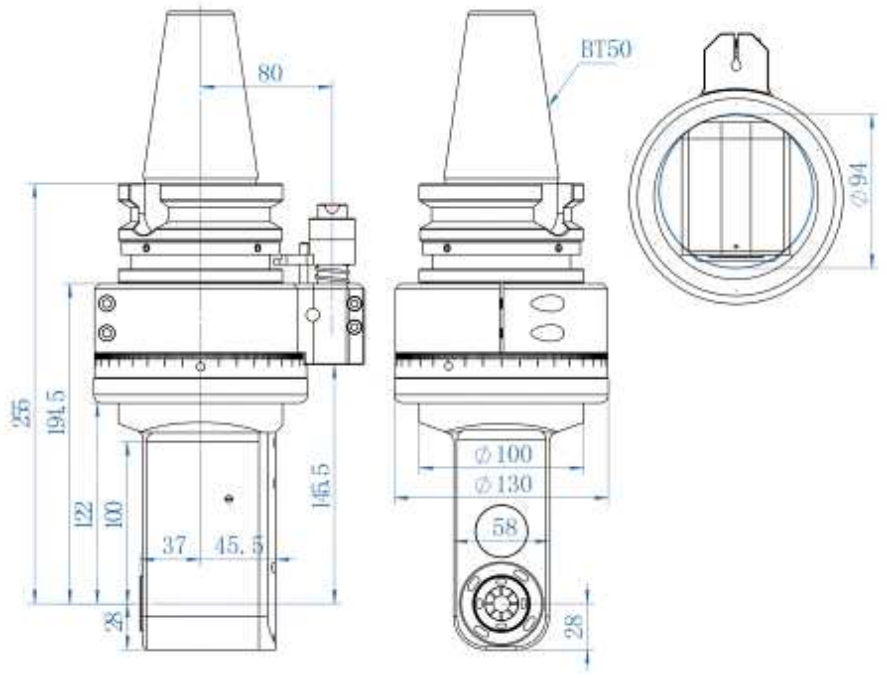
Remarks:

◎ Clamping range：1-20mm
◎ Torque：65NM
◎ Enter diameter：155
◎ Reduction ratio：1:1
◎ MAX speed：3500RPM
◎ Direction of rotation：CW-CW

高精度角度铣头 HIGH PRECISION ANGLE HEAD

DK90-BT50-ER25M 系列 DK90-BT50-ER25M SERIES





规格型号 Model	齿轮传动比 Gear ratio	最高转速 MAX speed	夹持范围 Clamping range	攻牙范围 Tapping range	最大扭矩 MAX Torque	旋转方向 Direction of rotation	铣头重量 Weight	最小通径 Enter diameter
BT50-ER25M-100L	1:1	4500rpm	1-16mm	M4-M14	46N.m	CW-CW	12kg	94mm

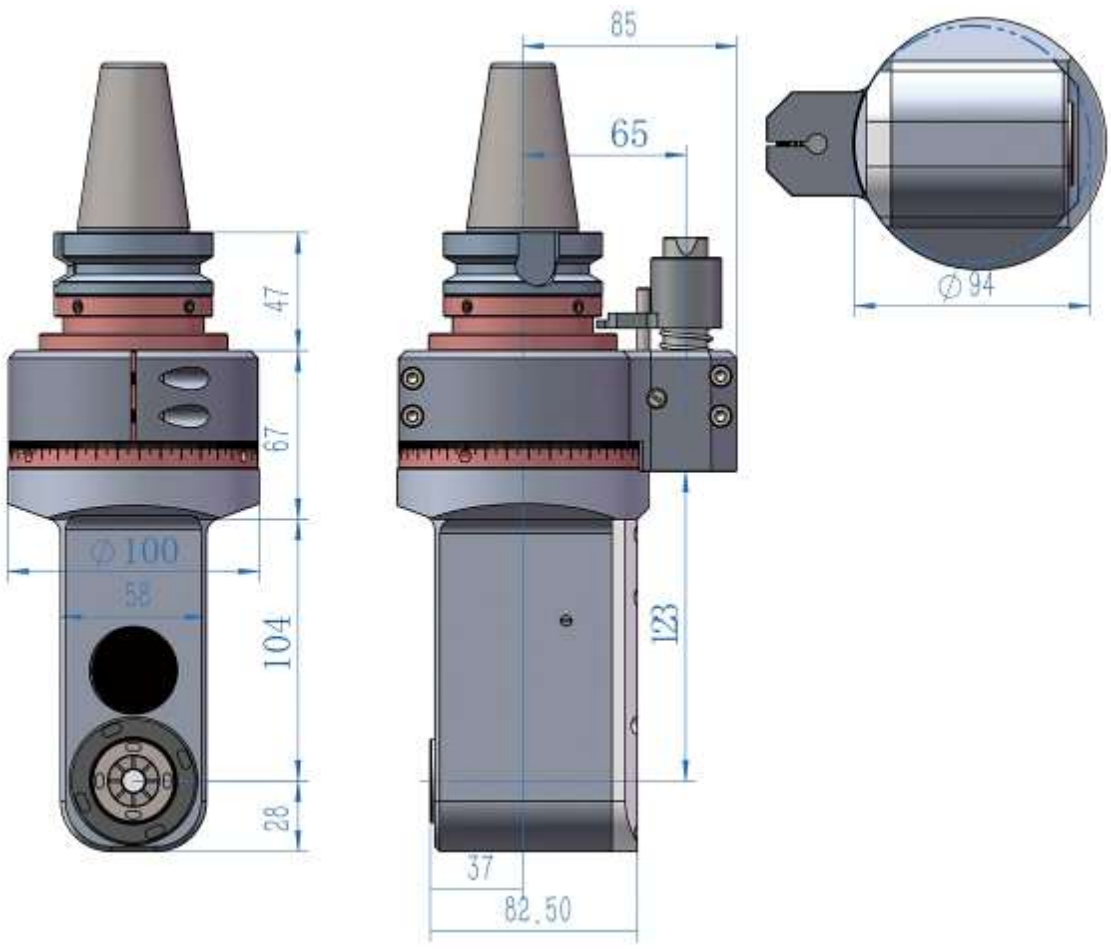
特点:

◎内缩结构；有效利用空间
◎前后双轴承加工稳定
◎大模数精密齿轮：扭力强劲
◎前后双密封：延长轴承寿命

Description:

◎ Indented structure: Effective use of space.
◎ Double bearings at the front and rear to ensure stable processing.
◎ Large module gear: Strong torque.
◎ Front and rear seals: Extend bearing life.

DK90-BT40-ER25L 系列 DK90-BT40-ER25L SERIES



最小通过直径 Enter diameter	扭矩 Torque	齿轮传动比 Gear ratio	最高转速 MAX speed	铣头重量 Weight	传动方向 Direction of rotation	攻牙范围 Tapping range
94mm	46Nm	1:1	4500rpm	6.5KG	CW-CW	M4-M14

特点:

◎内缩结构；有效利用空间

◎前后双轴承加工稳定

◎大模数精密齿轮：扭力强劲

◎前后双密封：延长轴承寿命

Description:

◎ Indented structure: Effective use of space.

◎ Double bearings at the front and rear to ensure stable processing.

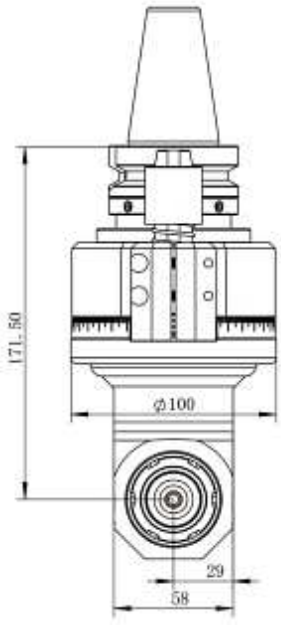
◎ Large module gear: Strong torque.

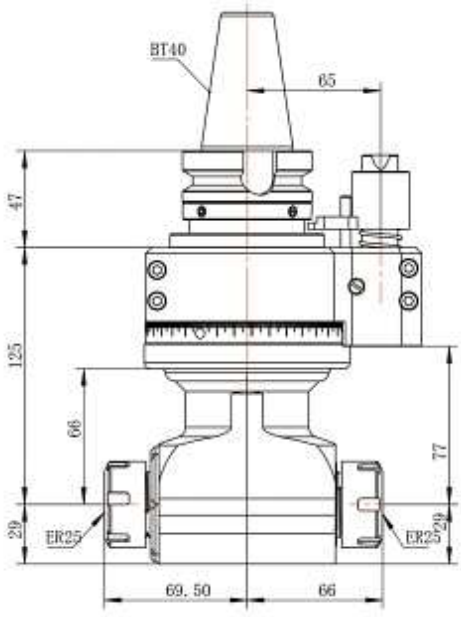
◎ Front and rear seals: Extend bearing life.

高精度角度铣头 HIGH PRECISION ANGLE HEAD

DK90-ER25-2X 系列 DK90-ER25-2X SERIES



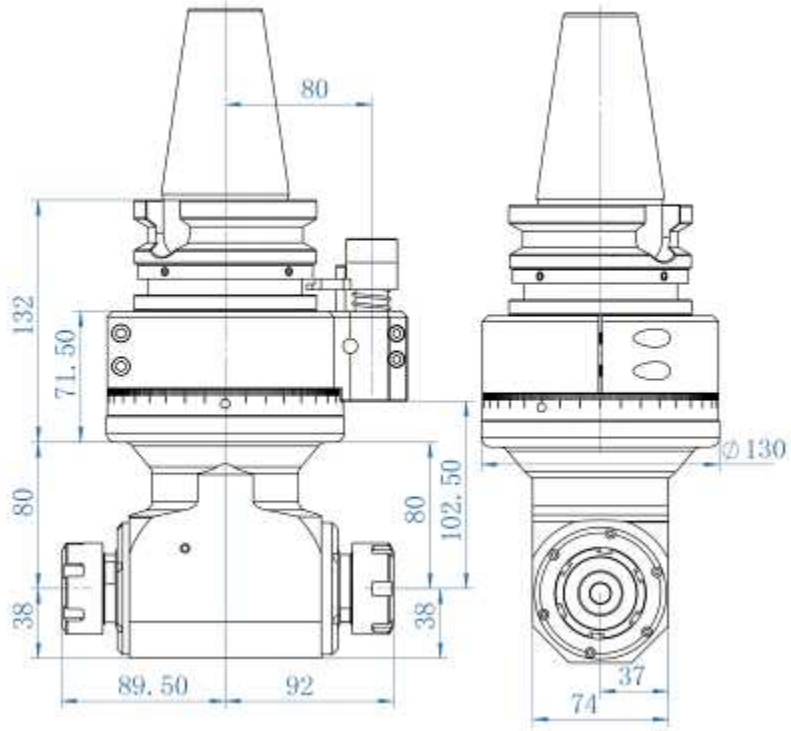




夹持范围 Clamping range	扭矩 Torque	通过直径 Enter diameter	齿轮传动比 Gear ratio	最高转速 MAX speed	传动方向 Direction of rotation
94mm	46Nm	140	1:1	4500rpm	CW-CW

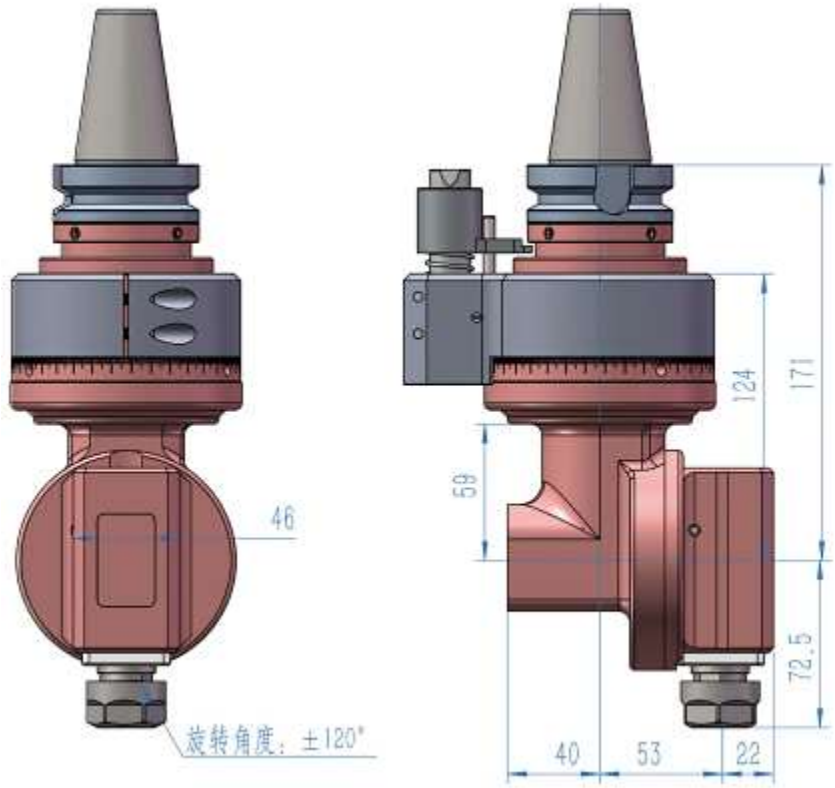
DK90-ER32-2X 系列 DK90-ER32-2X SERIES





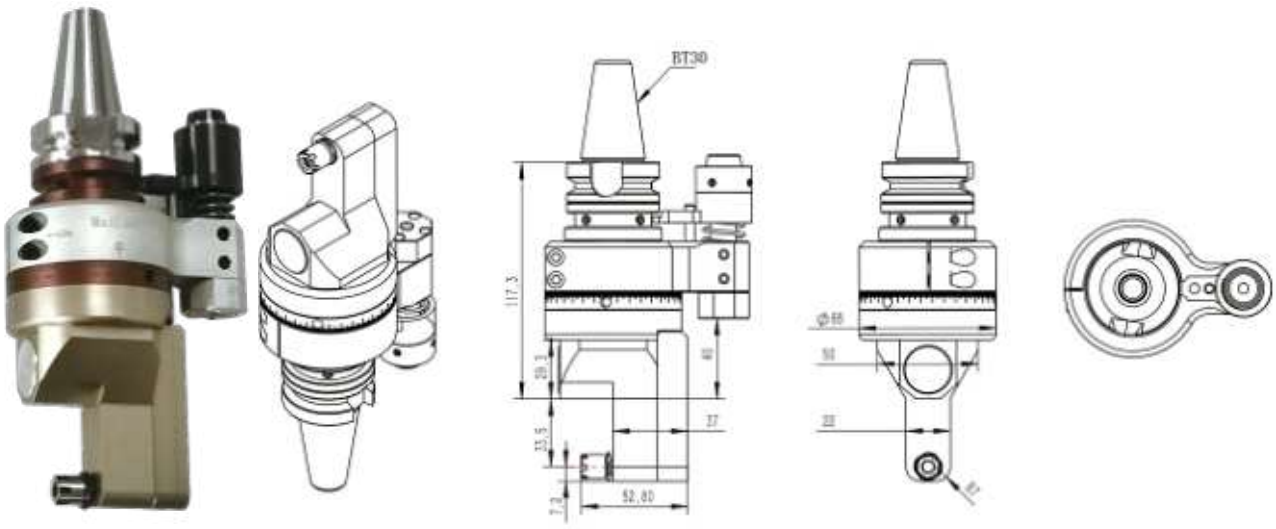
扭矩 Torque	齿轮传动比 Gear ratio	最高转速 MAX speed	铣头重量 Weight	最大夹持 MAX Clamping range	通过直径 Enter diameter
65Nm	1:1	4500rpm	15.0KG	D20	195

DK90-W13 系列 DK90-W13 SERIES



夹持范围 Clamping range	最大扭矩 MAX Torque	齿轮传动比 Gear ratio	最高转速 MAX speed	铣头重量 Weight	传动方向 Direction of rotation	攻牙范围 Tapping range
1-13mm	21Nm	1:1	4500rpm	6.5KG	CCW-CCW	M6-M12

DK90-DC5-BT30 系列 DK90-DC5-BT30 SERIES

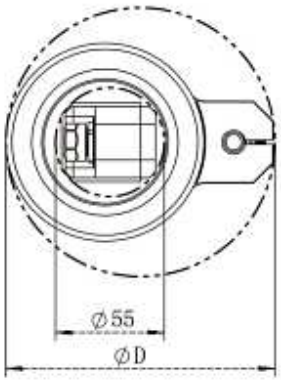


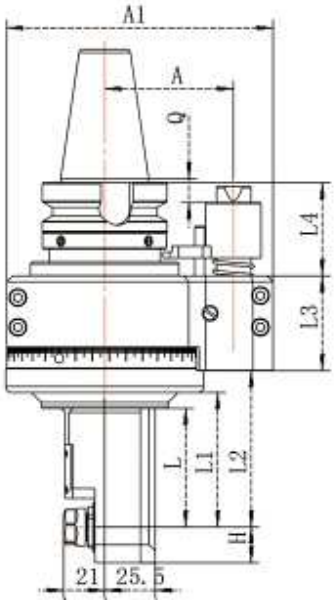
最小通过直径 MIN Enter diameter	扭矩 Torque	齿轮传动比 Gear ratio	最高转速 MAX speed	铣头重量 Weight	夹持直径 Enter diameter
55mm	5.6Nm	1:1	5000rpm	1.7KG	1-5mm

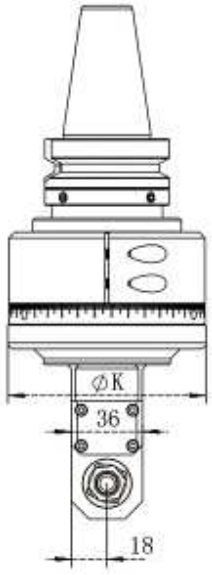
高精度角度铣头 HIGH PRECISION ANGLE HEAD

DK90-ER11M 系列 DK90-ER11M SERIES









驱动刀柄 Driver holder	规格型号 Model	L	L1	L2	L3	L4	Q	A	A1	D	K	H
BT40	DK90-ER11M-60L	60	68	79	48	47	12.5	65	135	136	100	17.5/15
	DK90-ER11M-100L	100	108	119								
	DK90-ER11M-140L	140	148	159								
HSK63	DK90-ER11M-60L	60	68	79		69	32					
	DK90-ER11M-100L	100	108	119								
	DK90-ER11M-140L	140	148	159								
HSK100	DK90-ER11M-60L	60	68	101.5	49	69	31	80/110	164	165	130	
	DK90-ER11M-100L	100	108	141.5								
	DK90-ER11M-140L	140	148	181.5								
BT50	DK90-ER11M-60L	60	68	101.5		60	24					
	DK90-ER11M-100L	100	108	141.5								
	DK90-ER11M-140L	140	148	181.5								

备注:

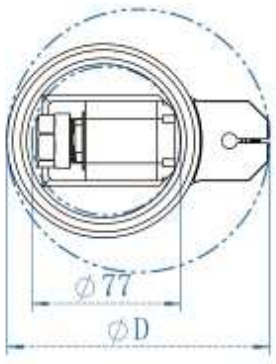
◎夹持范围：0.5-7mm
◎扭矩：8.8NM
◎通过直径：55
◎减速比：1:1
◎最高转速：5000RPM
◎旋转方向：CW-CW

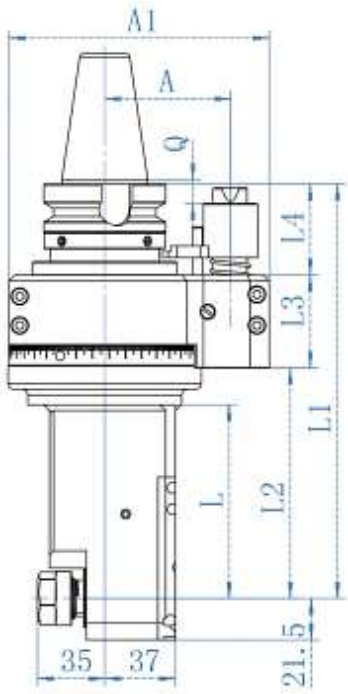
Remarks:

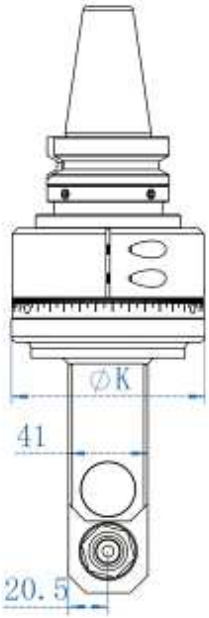
◎ Clamping range：0.5-7mm
◎ Torque：8.8NM
◎ Enter diameter：55
◎ Reduction ratio：1:1
◎ MAX speed：5000RPM
◎ Direction of rotation：CW-CW

DK90-ER16M 系列 DK90-ER16M SERIES









驱动刀柄 Driver holder	规格型号 Model	L	L1	L2	L3	L4	Q	A	A1	D	K	H
BT40	DK90-ER16M-100L	100	214	119	48	47	12.5	65	135	145	100	/
	DK90-ER16M-170L	170	284	189								
HSK63	DK90-ER16M-100L	100	236	119		69	32					
	DK90-ER16M-170L	170	306	189								
HSK100	DK90-ER16M-100L	100	259.5	141.5	49	69	31	80/110	164	165	130	
	DK90-ER16M-170L	170	329.5	211.5								
BT50	DK90-ER16M-100L	100	250.5	141.5		60	24					
	DK90-ER16M-170L	170	320.5	211.5								

备注：

◎夹持范围：0.5-10mm
◎扭矩：18NM
◎通过直径：77
◎减速比：1:1
◎最高转速：5000RPM
◎旋转方向：CW-CW

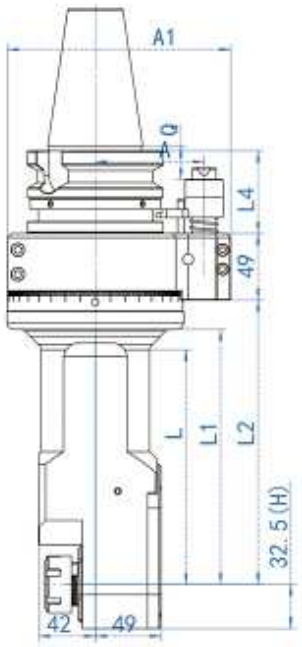
Remarks:

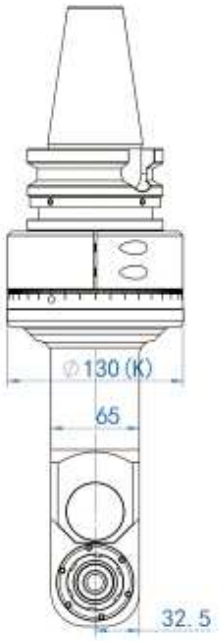
◎ Clamping range：0.5-10mm
◎ Torque：18NM
◎ Enter diameter：77
◎ Reduction ratio：1:1
◎ MAX speed：5000RPM
◎ Direction of rotation：CW-CW

高精度角度铣头 HIGH PRECISION ANGLE HEAD

DK90-ER25M 系列 DK90-ER25M SERIES







驱动刀柄 Driver holder	规格型号 Model	L	L1	L2	L3	L4	Q	A	A1	D	K	H
HSK100	DK90-ER25M-100L	100	117	139	49	69	31	80/110	164	165	130	/
	DK90-ER25M-170L	170	187	209								
BT50	DK90-ER25M-100L	100	117	139		60	24					
	DK90-ER25M-170L	170	187	209								

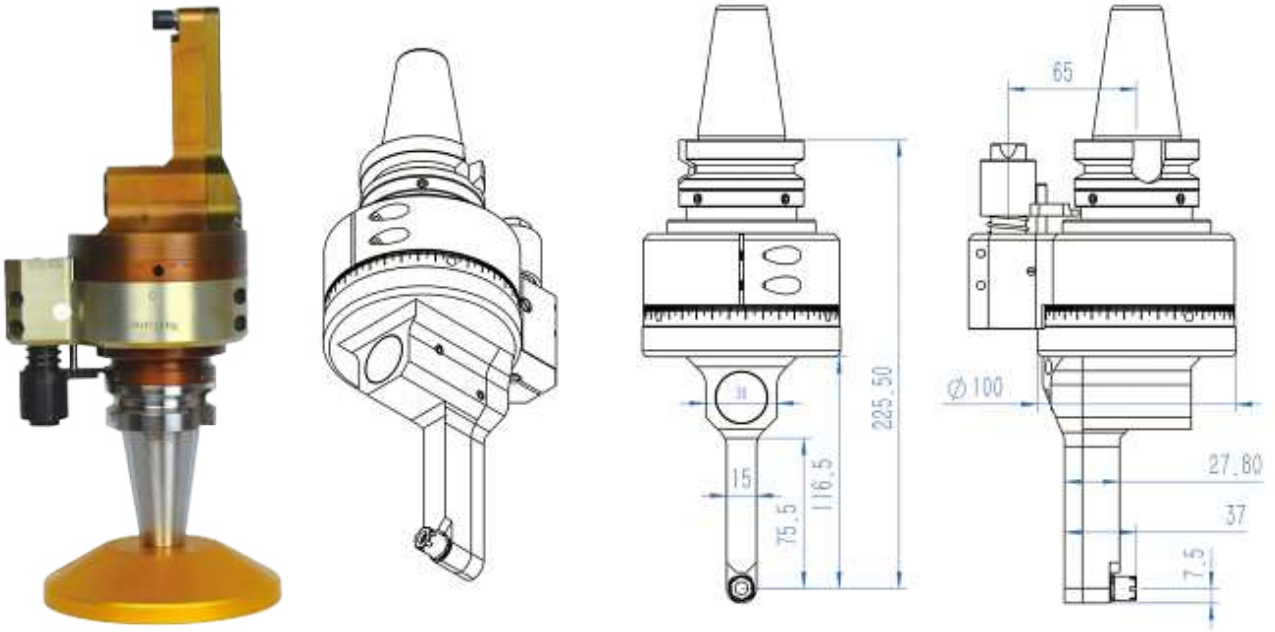
备注:

◎夹持范围：0.5-6mm
◎扭矩：45NM
◎通过直径：100
◎减速比：1:1
◎最高转速：4500RPM
◎旋转方向：CW-CW

Remarks:

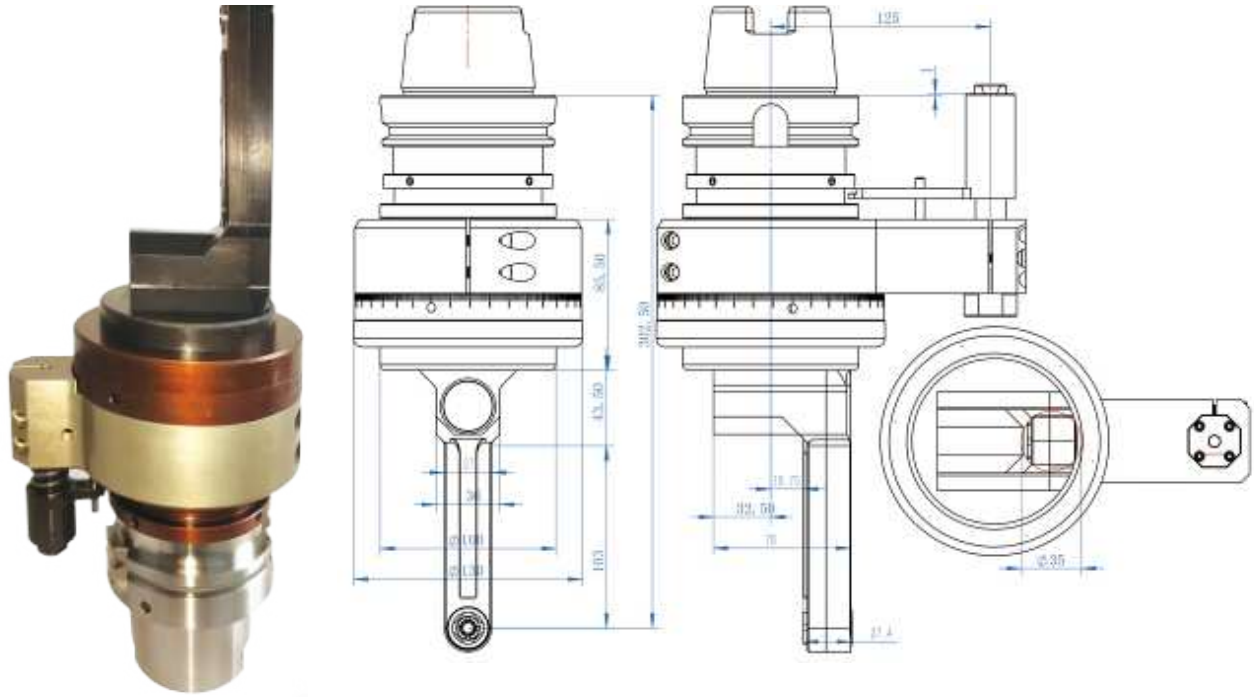
◎ Clamping range：0.5-6mm
◎ Torque：45NM
◎ Enter diameter：100
◎ Reduction ratio：1:1
◎ MAX speed：4500RPM
◎ Direction of rotation：CW-CW

DK90-DC5-BT40 系列 DK90-DC5-BT40 SERIES



最小通过直径 MIN Enter diameter	扭矩 Torque	齿轮传动比 Gear ratio	最高转速 MAX speed	铣头重量 Weight	夹持直径 Clamping diameter
40mm	5.6Nm	1:1	4000rpm	3.7KG	1-5mm

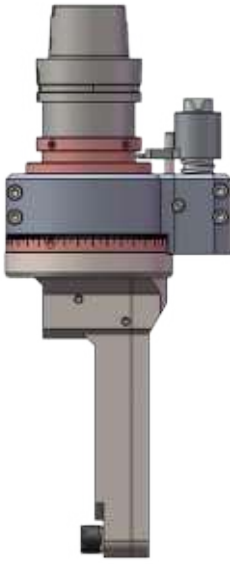
DK90-DC6 系列 DK90-DC6 SERIES

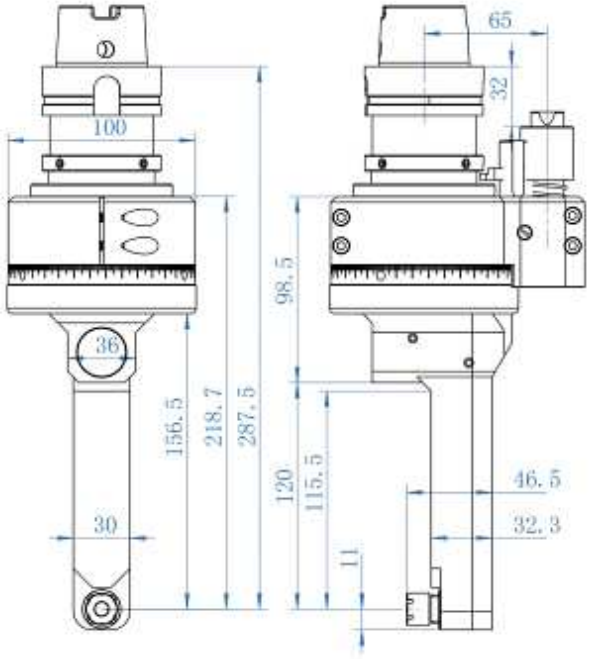


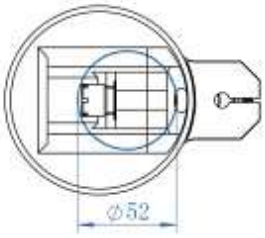
规格型号 Model	齿轮传动比 Gear ratio	最高转速 MAX speed	夹持范围 Clamping range	攻牙范围 Tapping range	最大扭矩 MAX Torque	传动方向 Direction of rotation	最小通径 MIN Enter diameter	铣头重量 Weight
DK90-HSK100A-DC6-103L	1:1	5000rpm	1-6mm	M4-M6	10.8N.m	CCW-CCW	35MM	12KG

高精度角度铣头 HIGH PRECISION ANGLE HEAD

DK90-DC7 系列 DK90-DC7 SERIES



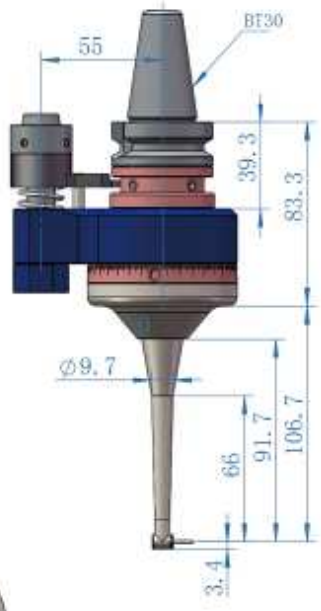




规格型号 Model	扭矩 Torque	齿轮传动比 Gear ratio	最高转速 MAX speed	铣头重量 Weight	夹持范围 Clamping range
DK90-HSK63A-DC7-120L	8.8N.m	1:1	3500rpm	5.7KG	1-7mm

DK90-M1.6 系列 DK90-M1.6 SERIES



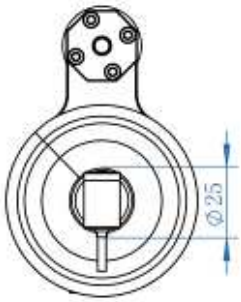


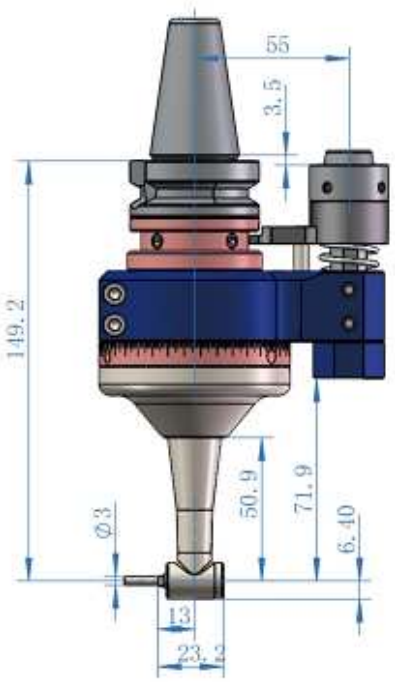


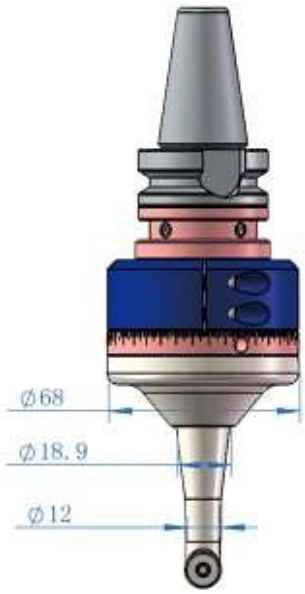
未安装刀具可通过直径 11.5MM
Enter diameter without the tool: 11.5mm

适用刀具 Applicable tool	允许转速 Speed	传动比 Drive ratio	旋转方向 Direction of rotation	铣头重量 Weight
1.6mm（K253）	15000min	10/11（增速 increase speed）	反向 inversion	1.5KG

DK90-M3 系列 DK90-M3 SERIES



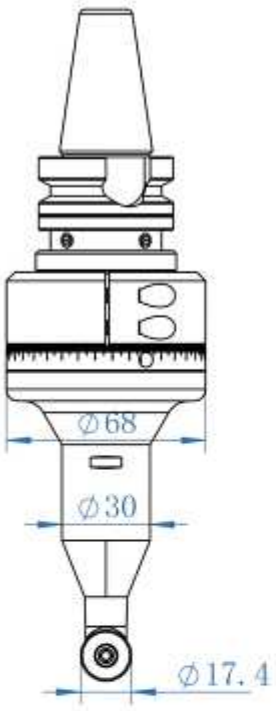


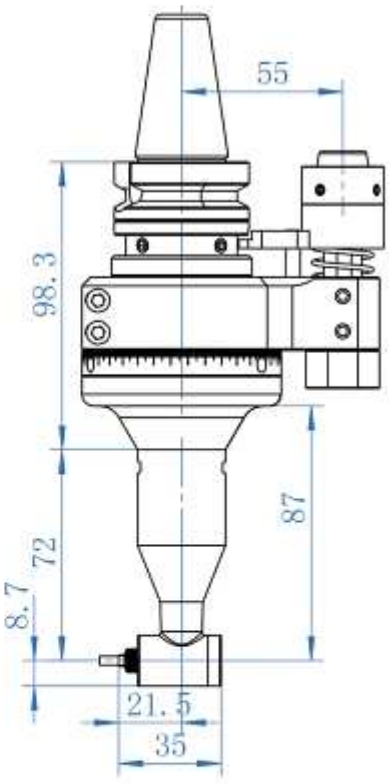


适用刀具 Applicable tool	允许转速 Speed	传动比 Drive ratio	旋转方向 Direction of rotation	铣头重量 Weight
3.0mm（CHC）	15000min	1：0.75（减速 decrease speed）	反向 inversion	1.55KG

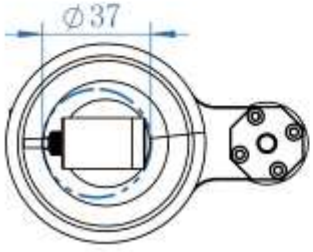
高精度角度铣头 HIGH PRECISION ANGLE HEAD

DK90-3RA 系列 DK90-3RA SERIES



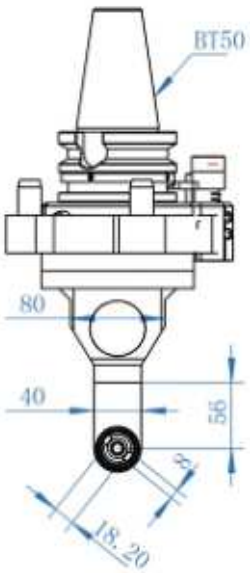


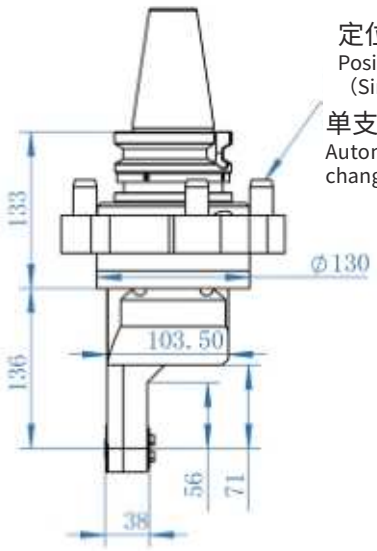
未安装刀具可通过直径 37MM



规格型号 Model	适用刀具 Applicable tool	允许转速 Speed	传动比 Drive ratio	旋转方向 Direction of rotation	铣头重量 Weight
DK90-BT30-3RA	0.8-3mm（CHS-3.0）	13000min	1.5:1（减速 decrease speed）	相同 identical	1.8KG

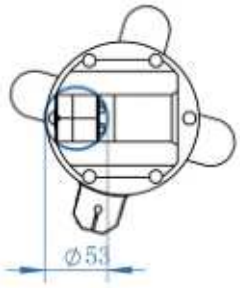
DK90-ISO10 系列 DK90-ISO10 SERIES





定位支撑（多支撑和单支撑）
Positioning support.
（Single support and multiple support.）

单支撑自动换刀，多支撑手动换刀。
Automatic tool change with single support, manual tool change with multiple supports.

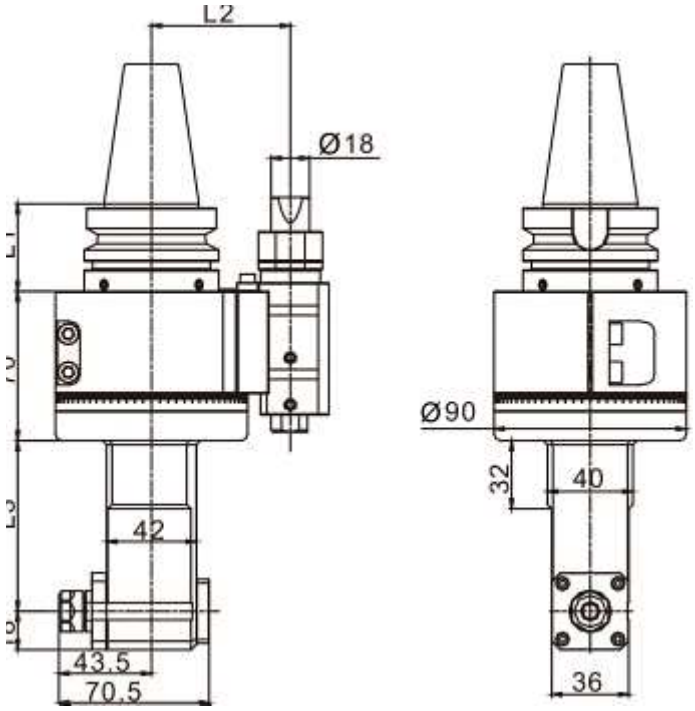


规格型号 Model	最小通过直径 MIN Enter diameter	扭矩 Torque	齿轮传动比 Gear ratio	最高转速 MAX speed	铣头重量 Weight	夹持方式 Clamping mode
DK90-BT50-ISO10-56L	53rm	36.8Nm	1:1	4500rpm	13.8KG	ISO10（后拉式 back locking）

高精度角度铣头 HIGH PRECISION ANGLE HEAD

AG90-ER11 系列 AG90-ER11 SERIES





驱动刀柄 Driver holder	规格型号 Model	输出 Output	L1	L2	L3	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK30/40/50	AG90-ER11-80	ER11	41/48	65/80	80	1KW	4500RPM	6NM	1：1
	AG90-ER11-140	ER11	41/48	65/80	140	1KW	4500RPM	6NM	1：1
	AG90-ER11-200	ER11	41/48	65/80	200	1KW	4500RPM	6NM	1：1
CAT30/40/50	AG90-ER11-80	ER11	41/48	65/80	80	1KW	4500RPM	6NM	1：1
	AG90-ER11-140	ER11	41/48	65/80	140	1KW	4500RPM	6NM	1：1
	AG90-ER11-200	ER11	41/48	65/80	200	1KW	4500RPM	6NM	1：1
BT30/40/50	AG90-ER11-80	ER11	41/48	65/80	80	1KW	4500RPM	6NM	1：1
	AG90-ER11-140	ER11	41/48	65/80	140	1KW	4500RPM	6NM	1：1
	AG90-ER11-200	ER11	41/48	65/80	200	1KW	4500RPM	6NM	1：1
KM63/80/100	AG90-ER11-80	ER11	41/48	65/80	80	1KW	4500RPM	6NM	1：1
	AG90-ER11-140	ER11	41/48	65/80	140	1KW	4500RPM	6NM	1：1
	AG90-ER11-200	ER11	41/48	65/80	200	1KW	4500RPM	6NM	1：1
ISO30/40/50	AG90-ER11-80	ER11	41/48	65/80	80	1KW	4500RPM	6NM	1：1
	AG90-ER11-140	ER11	41/48	65/80	140	1KW	4500RPM	6NM	1：1
	AG90-ER11-200	ER11	41/48	65/80	200	1KW	4500RPM	6NM	1：1
HSK63/80/100	AG90-ER11-80	ER11	41/48	65/80	80	1KW	4500RPM	6NM	1：1
	AG90-ER11-140	ER11	41/48	65/80	140	1KW	4500RPM	6NM	1：1
	AG90-ER11-200	ER11	41/48	65/80	200	1KW	4500RPM	6NM	1：1

备注：

◎本产品当 L3 大于 150mm 时，只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

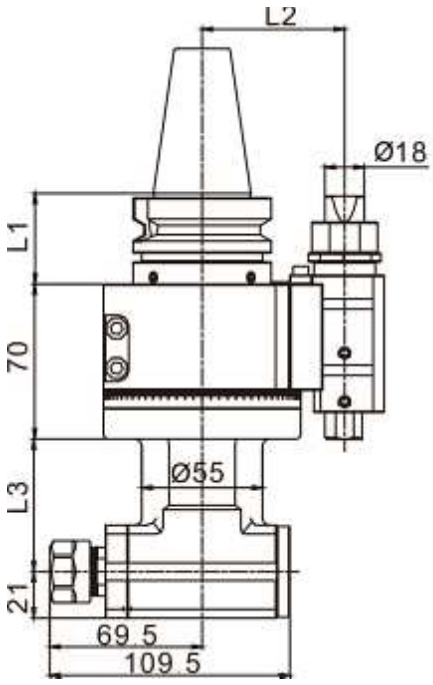
Remarks:

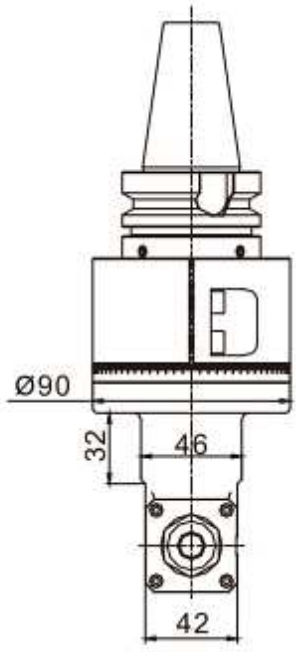
◎ This product only accepts flanges or other when L3 is greater than 150mm.

◎ The output is in the same direction as the spindle drive shank.

AG90-ER16 系列 AG90-ER16 SERIES







驱动刀柄 Driver holder	规格型号 Model	输出 Output	L1	L2	L3	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK30/40/50	AG90-ER16-60	ER16	41/48	65/80	60	1.5KW	4500RPM	12NM	1：1
	AG90-ER16-120	ER16	41/48	65/80	120	1.5KW	4500RPM	12NM	1：1
	AG90-ER16-180	ER16	41/48	65/80	180	1.5KW	4500RPM	12NM	1：1
CAT30/40/50	AG90-ER16-60	ER16	41/48	65/80	60	1.5KW	4500RPM	12NM	1：1
	AG90-ER16-120	ER16	41/48	65/80	120	1.5KW	4500RPM	12NM	1：1
	AG90-ER16-180	ER16	41/48	65/80	180	1.5KW	4500RPM	12NM	1：1
BT30/40/50	AG90-ER16-60	ER16	41/48	65/80	60	1.5KW	4500RPM	12NM	1：1
	AG90-ER16-120	ER16	41/48	65/80	120	1.5KW	4500RPM	12NM	1：1
	AG90-ER16-180	ER16	41/48	65/80	180	1.5KW	4500RPM	12NM	1：1
KM63/80/100	AG90-ER16-60	ER16	41/48	65/80	60	1.5KW	4500RPM	12NM	1：1
	AG90-ER16-120	ER16	41/48	65/80	120	1.5KW	4500RPM	12NM	1：1
	AG90-ER16-180	ER16	41/48	65/80	180	1.5KW	4500RPM	12NM	1：1
ISO30/40/50	AG90-ER16-60	ER16	41/48	65/80	60	1.5KW	4500RPM	12NM	1：1
	AG90-ER16-120	ER16	41/48	65/80	120	1.5KW	4500RPM	12NM	1：1
	AG90-ER16-180	ER16	41/48	65/80	180	1.5KW	4500RPM	12NM	1：1
HSK63/80/100	AG90-ER16-60	ER16	41/48	65/80	60	1.5KW	4500RPM	12NM	1：1
	AG90-ER16-120	ER16	41/48	65/80	120	1.5KW	4500RPM	12NM	1：1
	AG90-ER16-180	ER16	41/48	65/80	180	1.5KW	4500RPM	12NM	1：1

备注：

◎本产品当 L3 大于 150mm 时，只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

Remarks:

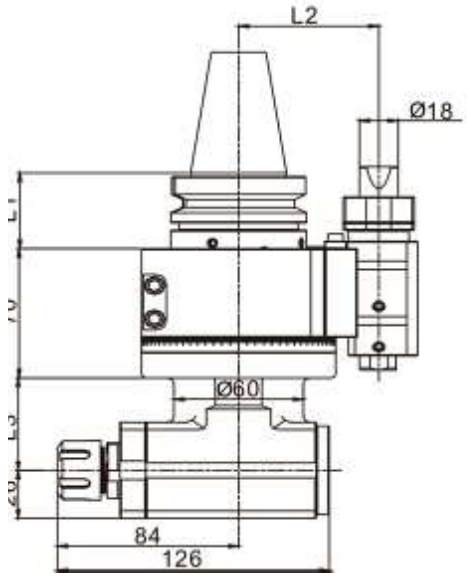
◎ This product only accepts flanges or other when L3 is greater than 150mm.

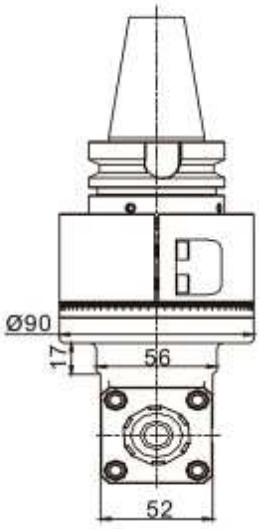
◎ The output is in the same direction as the spindle drive shank.

高精度角度铣头 HIGH PRECISION ANGLE HEAD

AG90-ER20 系列 AG90-ER20 SERIES







驱动刀柄 Driver holder	规格型号 Model	输出 Output	L1	L2	L3	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK30/40/50	AG90-ER20-50	ER20	41/48	65/80	50	2KW	4000RPM	16NM	1：1
	AG90-ER20-110	ER20	41/48	65/80	110	2KW	4000RPM	16NM	1：1
	AG90-ER20-170	ER20	41/48	65/80	170	2KW	4000RPM	16NM	1：1
CAT30/40/50	AG90-ER20-50	ER20	41/48	65/80	50	2KW	4000RPM	16NM	1：1
	AG90-ER20-110	ER20	41/48	65/80	110	2KW	4000RPM	16NM	1：1
	AG90-ER20-170	ER20	41/48	65/80	170	2KW	4000RPM	16NM	1：1
BT30/40/50	AG90-ER20-50	ER20	41/48	65/80	50	2KW	4000RPM	16NM	1：1
	AG90-ER20-110	ER20	41/48	65/80	110	2KW	4000RPM	16NM	1：1
	AG90-ER20-170	ER20	41/48	65/80	170	2KW	4000RPM	16NM	1：1
KM63/80/100	AG90-ER20-50	ER20	41/48	65/80	50	2KW	4000RPM	16NM	1：1
	AG90-ER20-110	ER20	41/48	65/80	110	2KW	4000RPM	16NM	1：1
	AG90-ER20-170	ER20	41/48	65/80	170	2KW	4000RPM	16NM	1：1
ISO30/40/50	AG90-ER20-50	ER20	41/48	65/80	50	2KW	4000RPM	16NM	1：1
	AG90-ER20-110	ER20	41/48	65/80	110	2KW	4000RPM	16NM	1：1
	AG90-ER20-170	ER20	41/48	65/80	170	2KW	4000RPM	16NM	1：1
HSK63/80/100	AG90-ER20-50	ER20	41/48	65/80	50	2KW	4000RPM	16NM	1：1
	AG90-ER20-110	ER20	41/48	65/80	110	2KW	4000RPM	16NM	1：1
	AG90-ER20-170	ER20	41/48	65/80	170	2KW	4000RPM	16NM	1：1

备注：

◎本产品当 L3 大于 150mm 时，只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

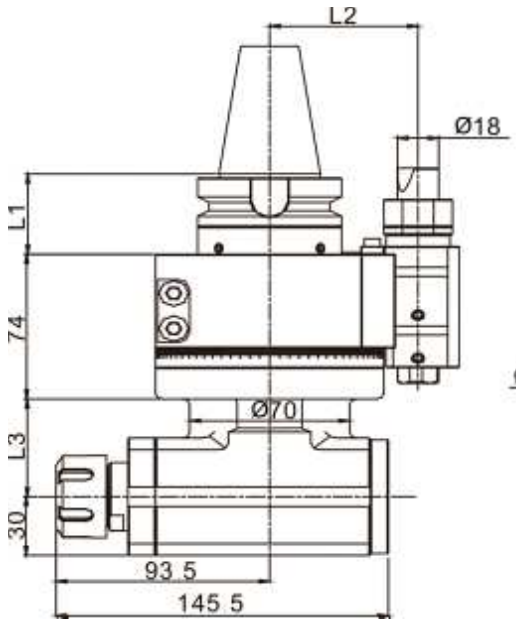
Remarks:

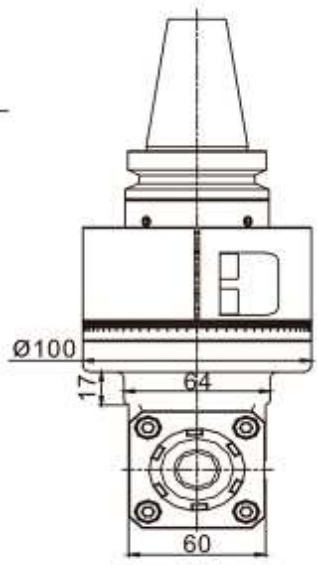
◎This product only accepts flanges or other when L3 is greater than 150mm.

◎ The output is in the same direction as the spindle drive shank.

AG90-ER25 系列 AG90-ER25 SERIES







驱动刀柄 Driver holder	型号 Model	输出 Output	L1	L2	L3	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK30/40/50	AG90-ER25-50	ER25	41/48	65/80	50	3KW	4000RPM	32NM	1：1
	AG90-ER25-110	ER25	41/48	65/80	110	3KW	4000RPM	32NM	1：1
	AG90-ER25-170	ER25	41/48	65/80	170	3KW	4000RPM	32NM	1：1
CAT30/40/50	AG90-ER25-50	ER25	41/48	65/80	50	3KW	4000RPM	32NM	1：1
	AG90-ER25-110	ER25	41/48	65/80	110	3KW	4000RPM	32NM	1：1
	AG90-ER25-170	ER25	41/48	65/80	170	3KW	4000RPM	32NM	1：1
BT30/40/50	AG90-ER25-50	ER25	41/48	65/80	50	3KW	4000RPM	32NM	1：1
	AG90-ER25-110	ER25	41/48	65/80	110	3KW	4000RPM	32NM	1：1
	AG90-ER25-170	ER25	41/48	65/80	170	3KW	4000RPM	32NM	1：1
KM63/80/100	AG90-ER25-50	ER25	41/48	65/80	50	3KW	4000RPM	32NM	1：1
	AG90-ER25-110	ER25	41/48	65/80	110	3KW	4000RPM	32NM	1：1
	AG90-ER25-170	ER25	41/48	65/80	170	3KW	4000RPM	32NM	1：1
ISO30/40/50	AG90-ER25-50	ER25	41/48	65/80	50	3KW	4000RPM	32NM	1：1
	AG90-ER25-110	ER25	41/48	65/80	110	3KW	4000RPM	32NM	1：1
	AG90-ER25-170	ER25	41/48	65/80	170	3KW	4000RPM	32NM	1：1
HSK63/80/100	AG90-ER25-50	ER25	41/48	65/80	50	3KW	4000RPM	32NM	1：1
	AG90-ER25-110	ER25	41/48	65/80	110	3KW	4000RPM	32NM	1：1
	AG90-ER25-170	ER25	41/48	65/80	170	3KW	4000RPM	32NM	1：1

备注：

◎本产品当 L3 大于 150mm 时，只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

Remarks:

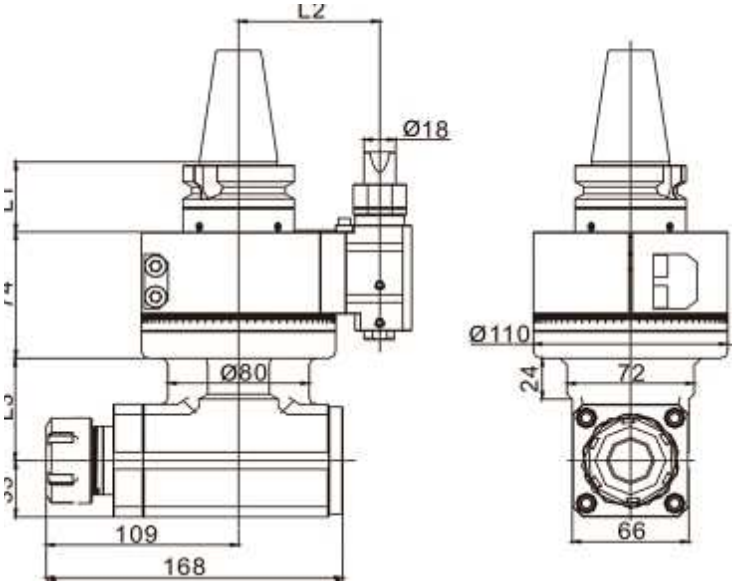
◎ This product only accepts flanges or other when L3 is greater than 150mm.

◎ The output is in the same direction as the spindle drive shank.

高精度角度铣头 HIGH PRECISION ANGLE HEAD

AG90-ER32 系列 AG90-ER32 SERIES





驱动刀柄 Driver holder	型号 Model	输出 Output	L1	L2	L3	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK30/40/50	AG90-ER32-60	ER32	41/48	65/80	60	4KW	3500RPM	40NM	1：1
	AG90-ER32-130	ER32	41/48	65/80	130	4KW	3500RPM	40NM	1：1
	AG90-ER32-200	ER32	41/48	65/80	200	4KW	3500RPM	40NM	1：1
CAT30/40/50	AG90-ER32-60	ER32	41/48	65/80	60	4KW	3500RPM	40NM	1：1
	AG90-ER32-130	ER32	41/48	65/80	130	4KW	3500RPM	40NM	1：1
	AG90-ER32-200	ER32	41/48	65/80	200	4KW	3500RPM	40NM	1：1
BT30/40/50	AG90-ER32-60	ER32	41/48	65/80	60	4KW	3500RPM	40NM	1：1
	AG90-ER32-130	ER32	41/48	65/80	130	4KW	3500RPM	40NM	1：1
	AG90-ER32-200	ER32	41/48	65/80	200	4KW	3500RPM	40NM	1：1
KM63/80/100	AG90-ER32-60	ER32	41/48	65/80	60	4KW	3500RPM	40NM	1：1
	AG90-ER32-130	ER32	41/48	65/80	130	4KW	3500RPM	40NM	1：1
	AG90-ER32-200	ER32	41/48	65/80	200	4KW	3500RPM	40NM	1：1
ISO30/40/50	AG90-ER32-60	ER32	41/48	65/80	60	4KW	3500RPM	40NM	1：1
	AG90-ER32-130	ER32	41/48	65/80	130	4KW	3500RPM	40NM	1：1
	AG90-ER32-200	ER32	41/48	65/80	200	4KW	3500RPM	40NM	1：1
HSK63/80/100	AG90-ER32-60	ER32	41/48	65/80	60	4KW	3500RPM	40NM	1：1
	AG90-ER32-130	ER32	41/48	65/80	130	4KW	3500RPM	40NM	1：1
	AG90-ER32-200	ER32	41/48	65/80	200	4KW	3500RPM	40NM	1：1

备注：

◎本产品当 L3 大于 150mm 时，只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

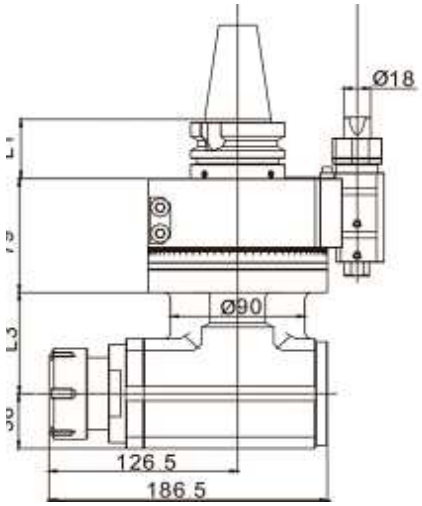
Remarks:

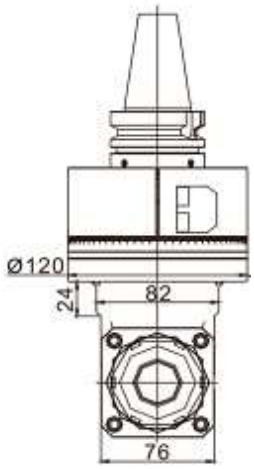
◎ This product only accepts flanges or other when L3 is greater than 150mm.

◎ The output is in the same direction as the spindle drive shank.

AG90-ER40 系列 AG90-ER40 SERIES







驱动刀柄 Driver holder	型号 Model	输出 Output	L1	L2	L3	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK30/40/50	AG90-ER40-70	ER40	41/48	80/110	70	6KW	3000RPM	75NM	1：1
	AG90-ER40-100	ER40	41/48	80/110	100	6KW	3000RPM	75NM	1：1
	AG90-ER40-230	ER40	41/48	80/110	230	6KW	3000RPM	75NM	1：1
CAT30/40/50	AG90-ER40-70	ER40	41/48	80/110	70	6KW	3000RPM	75NM	1：1
	AG90-ER40-100	ER40	41/48	80/110	100	6KW	3000RPM	75NM	1：1
	AG90-ER40-230	ER40	41/48	80/110	230	6KW	3000RPM	75NM	1：1
BT30/40/50	AG90-ER40-70	ER40	41/48	80/110	70	6KW	3000RPM	75NM	1：1
	AG90-ER40-100	ER40	41/48	80/110	100	6KW	3000RPM	75NM	1：1
	AG90-ER40-230	ER40	41/48	80/110	230	6KW	3000RPM	75NM	1：1
KM63/80/100	AG90-ER40-70	ER40	41/48	80/110	70	6KW	3000RPM	75NM	1：1
	AG90-ER40-100	ER40	41/48	80/110	100	6KW	3000RPM	75NM	1：1
	AG90-ER40-230	ER40	41/48	80/110	230	6KW	3000RPM	75NM	1：1
ISO30/40/50	AG90-ER40-70	ER40	41/48	80/110	70	6KW	3000RPM	75NM	1：1
	AG90-ER40-100	ER40	41/48	80/110	100	6KW	3000RPM	75NM	1：1
	AG90-ER40-230	ER40	41/48	80/110	230	6KW	3000RPM	75NM	1：1
HSK63/80/100	AG90-ER40-70	ER40	41/48	80/110	70	6KW	3000RPM	75NM	1：1
	AG90-ER40-100	ER40	41/48	80/110	100	6KW	3000RPM	75NM	1：1
	AG90-ER40-230	ER40	41/48	80/110	230	6KW	3000RPM	75NM	1：1

备注：

◎本产品当 L3 大于 150mm 时，只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

Remarks:

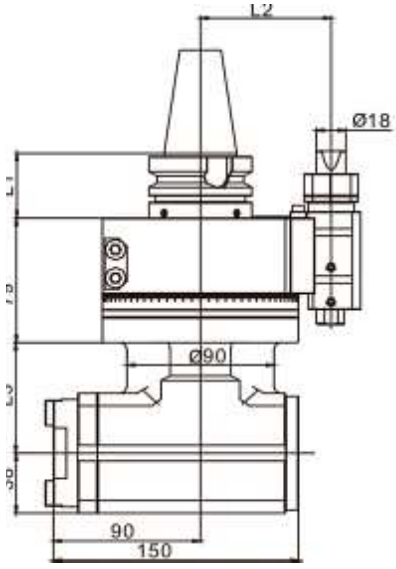
◎ This product only accepts flanges or other when L3 is greater than 150mm.

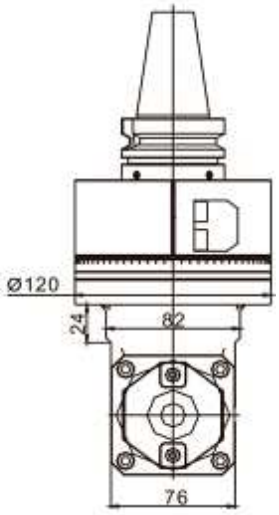
◎ The output is in the same direction as the spindle drive shank.

高精度角度铣头 HIGH PRECISION ANGLE HEAD

AG90-BT30 系列 AG90-BT30 SERIES







驱动刀柄 Driver holder	型号 Model	输出 Output	L1	L2	L3	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK30/40/50	AG90-BT30-70	BT30	41/48	80/110	70	6KW	3500RPM	75NM	1: 1
	AG90-BT30-150	BT30	41/48	80/110	150	6KW	3500RPM	75NM	1: 1
	AG90-BT30-230	BT30	41/48	80/110	230	6KW	3500RPM	75NM	1: 1
CAT30/40/50	AG90-BT30-70	BT30	41/48	80/110	70	6KW	3500RPM	75NM	1: 1
	AG90-BT30-150	BT30	41/48	80/110	150	6KW	3500RPM	75NM	1: 1
	AG90-BT30-230	BT30	41/48	80/110	230	6KW	3500RPM	75NM	1: 1
BT30/40/50	AG90-BT30-70	BT30	41/48	80/110	70	6KW	3500RPM	75NM	1: 1
	AG90-BT30-150	BT30	41/48	80/110	150	6KW	3500RPM	75NM	1: 1
	AG90-BT30-230	BT30	41/48	80/110	230	6KW	3500RPM	75NM	1: 1
KM63/80/100	AG90-BT30-70	BT30	41/48	80/110	70	6KW	3500RPM	75NM	1: 1
	AG90-BT30-150	BT30	41/48	80/110	150	6KW	3500RPM	75NM	1: 1
	AG90-BT30-230	BT30	41/48	80/110	230	6KW	3500RPM	75NM	1: 1
ISO30/40/50	AG90-BT30-70	BT30	41/48	80/110	70	6KW	3500RPM	75NM	1: 1
	AG90-BT30-150	BT30	41/48	80/110	150	6KW	3500RPM	75NM	1: 1
	AG90-BT30-230	BT30	41/48	80/110	230	6KW	3500RPM	75NM	1: 1
HSK63/80/100	AG90-BT30-70	BT30	41/48	80/110	70	6KW	3500RPM	75NM	1: 1
	AG90-BT30-150	BT30	41/48	80/110	150	6KW	3500RPM	75NM	1: 1
	AG90-BT30-230	BT30	41/48	80/110	230	6KW	3500RPM	75NM	1: 1

备注:

◎本产品只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

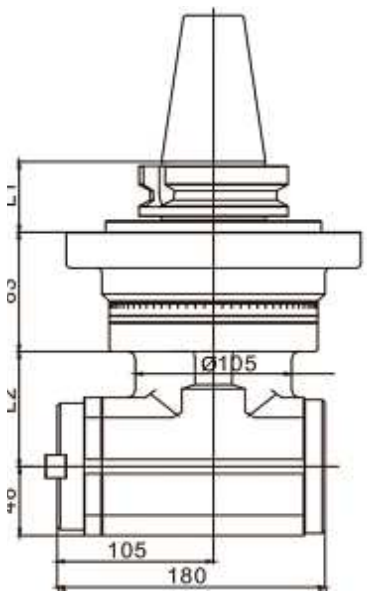
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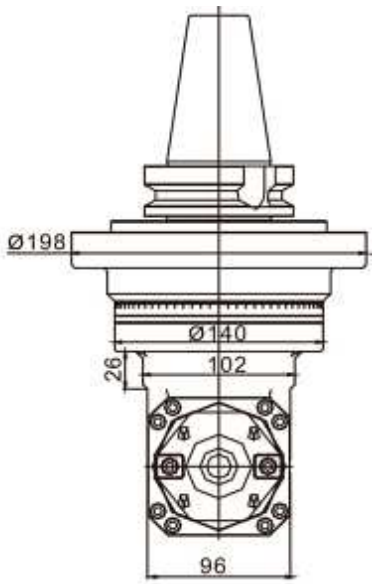
◎ This product only accepts flanges or other.

◎ The output is in the same direction as the spindle drive shank.

AG90-BT40 系列 AG90-BT40 SERIES







驱动刀柄 Driver holder	型号 Model	输出 Output	L1	L2	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK40/50	AG90-BT40-80	BT40	41/48	80	6KW	3000RPM	100NM	1：1
	AG90-BT40-160	BT40	41/48	160	6KW	3000RPM	100NM	1：1
	AG90-BT40-240	BT40	41/48	240	6KW	3000RPM	100NM	1：1
CAT40/50	AG90-BT40-80	BT40	41/48	80	6KW	3000RPM	100NM	1：1
	AG90-BT40-160	BT40	41/48	160	6KW	3000RPM	100NM	1：1
	AG90-BT40-240	BT40	41/48	240	6KW	3000RPM	100NM	1：1
BT40/50	AG90-BT40-80	BT40	41/48	80	6KW	3000RPM	100NM	1：1
	AG90-BT40-160	BT40	41/48	160	6KW	3000RPM	100NM	1：1
	AG90-BT40-240	BT40	41/48	240	6KW	3000RPM	100NM	1：1
KM63/80/100	AG90-BT40-80	BT40	41/48	80	6KW	3000RPM	100NM	1：1
	AG90-BT40-160	BT40	41/48	160	6KW	3000RPM	100NM	1：1
	AG90-BT40-240	BT40	41/48	240	6KW	3000RPM	100NM	1：1
ISO40/50	AG90-BT40-80	BT40	41/48	80	6KW	3000RPM	100NM	1：1
	AG90-BT40-160	BT40	41/48	160	6KW	3000RPM	100NM	1：1
	AG90-BT40-240	BT40	41/48	240	6KW	3000RPM	100NM	1：1
HSK63/80/100	AG90-BT40-80	BT40	41/48	80	6KW	3000RPM	100NM	1：1
	AG90-BT40-160	BT40	41/48	160	6KW	3000RPM	100NM	1：1
	AG90-BT40-240	BT40	41/48	240	6KW	3000RPM	100NM	1：1

备注：

◎本产品只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

Remarks:

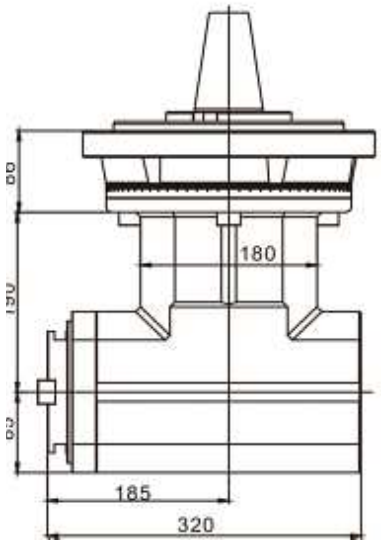
◎ This product only accepts flanges or other.

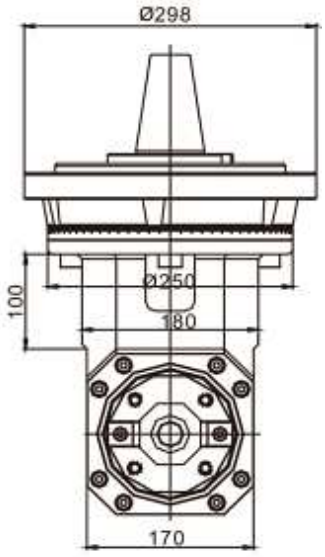
◎ The output is in the same direction as the spindle drive shank.

高精度角度铣头 HIGH PRECISION ANGLE HEAD

AG90-BT50 系列 AG90-BT50 SERIES







驱动刀柄 Driver holder	型号 Model	输出 Output	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK50	AG90-BT50	BT50	12KW	2000RPM	200NM	1：1
CAT50	AG90-BT50	BT50	12KW	2000RPM	200NM	1：1
BT50	AG90-BT50	BT50	12KW	2000RPM	200NM	1：1
KM100	AG90-BT50	BT50	12KW	2000RPM	200NM	1：1
ISO50	AG90-BT50	BT50	12KW	2000RPM	200NM	1：1
HSK100	AG90-BT50	BT50	12KW	2000RPM	200NM	1：1

备注：

◎本产品只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

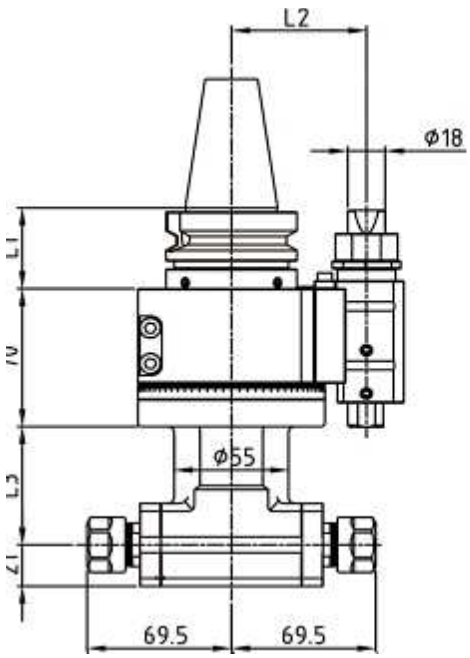
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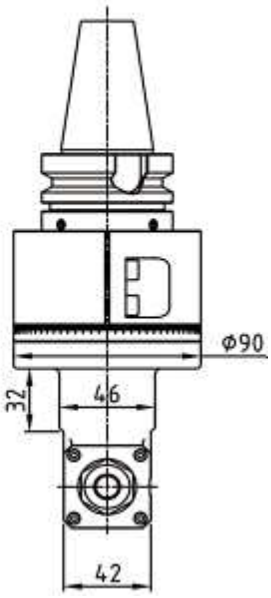
◎ This product only accepts flanges or other.

◎ The output is in the same direction as the spindle drive shank.

AG90-ER16×2 系列 AG90-ER16×2 SERIES







驱动刀柄 Driver holder	型号 Model	输出 Output	L1	L2	L3	功率 Power	最高转速 Maxi speed	最高扭矩 Max torque	减速比 Reduction ratio
SK30/40/50	AG90-ER16×2-60	ER16	41/48	65/80	60	1.5KW	4500RPM	12NM	1：1
	AG90-ER16×2-120	ER16	41/48	65/80	120	1.5KW	4500RPM	12NM	1：1
	AG90-ER16×2-180	ER16	41/48	65/80	180	1.5KW	4500RPM	12NM	1：1
CAT30/40/50	AG90-ER16×2-60	ER16	41/48	65/80	60	1.5KW	4500RPM	12NM	1：1
	AG90-ER16×2-120	ER16	41/48	65/80	120	1.5KW	4500RPM	12NM	1：1
	AG90-ER16×2-180	ER16	41/48	65/80	180	1.5KW	4500RPM	12NM	1：1
BT30/40/50	AG90-ER16×2-60	ER16	41/48	65/80	60	1.5KW	4500RPM	12NM	1：1
	AG90-ER16×2-120	ER16	41/48	65/80	120	1.5KW	4500RPM	12NM	1：1
	AG90-ER16×2-180	ER16	41/48	65/80	180	1.5KW	4500RPM	12NM	1：1
KM63/80/100	AG90-ER16×2-60	ER16	41/48	65/80	60	1.5KW	4500RPM	12NM	1：1
	AG90-ER16×2-120	ER16	41/48	65/80	120	1.5KW	4500RPM	12NM	1：1
	AG90-ER16×2-180	ER16	41/48	65/80	180	1.5KW	4500RPM	12NM	1：1
ISO30/40/50	AG90-ER16×2-60	ER16	41/48	65/80	60	1.5KW	4500RPM	12NM	1：1
	AG90-ER16×2-120	ER16	41/48	65/80	120	1.5KW	4500RPM	12NM	1：1
	AG90-ER16×2-180	ER16	41/48	65/80	180	1.5KW	4500RPM	12NM	1：1
HSK63/80/100	AG90-ER16×2-60	ER16	41/48	65/80	60	1.5KW	4500RPM	12NM	1：1
	AG90-ER16×2-120	ER16	41/48	65/80	120	1.5KW	4500RPM	12NM	1：1
	AG90-ER16×2-180	ER16	41/48	65/80	180	1.5KW	4500RPM	12NM	1：1

备注：

◎本产品当 L3 大于 100mm 时，只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

Remarks:

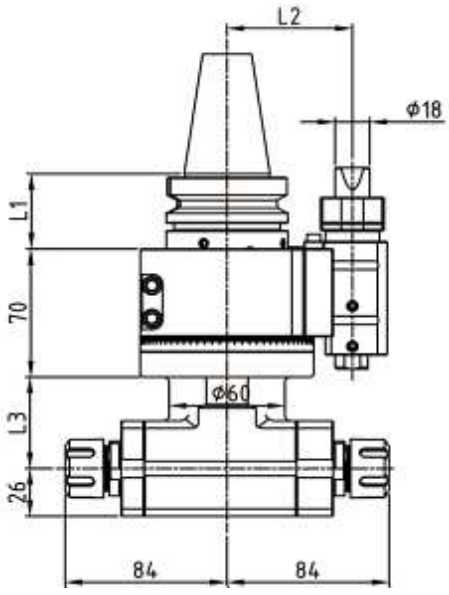
◎ This product only accepts flanges or other when L3 is greater than 100mm.

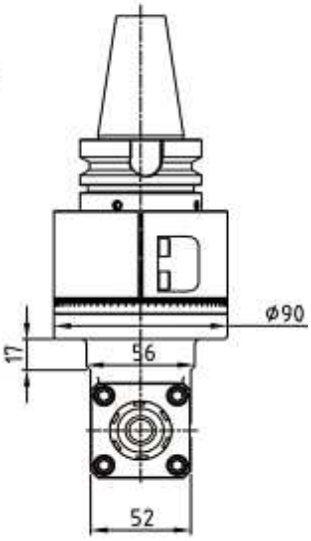
◎ The output is in the same direction as the spindle drive shank.

高精度角度铣头 HIGH PRECISION ANGLE HEAD

AG90-ER20×2 系列 AG90-ER20×2 SERIES







驱动刀柄 Driver holder	型号 Model	输出 Output	L1	L2	L3	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK30/40/50	AG90-ER20×2-50	ER20	41/48	65/80	50	2KW	4000RPM	16NM	1：1
	AG90-ER20×2-110	ER20	41/48	65/80	110	2KW	4000RPM	16NM	1：1
	AG90-ER20×2-170	ER20	41/48	65/80	170	2KW	4000RPM	16NM	1：1
CAT30/40/50	AG90-ER20×2-50	ER20	41/48	65/80	50	2KW	4000RPM	16NM	1：1
	AG90-ER20×2-110	ER20	41/48	65/80	110	2KW	4000RPM	16NM	1：1
	AG90-ER20×2-170	ER20	41/48	65/80	170	2KW	4000RPM	16NM	1：1
BT30/40/50	AG90-ER20×2-50	ER20	41/48	65/80	50	2KW	4000RPM	16NM	1：1
	AG90-ER20×2-110	ER20	41/48	65/80	110	2KW	4000RPM	16NM	1：1
	AG90-ER20×2-170	ER20	41/48	65/80	170	2KW	4000RPM	16NM	1：1
KM63/80/100	AG90-ER20×2-50	ER20	41/48	65/80	50	2KW	4000RPM	16NM	1：1
	AG90-ER20×2-110	ER20	41/48	65/80	110	2KW	4000RPM	16NM	1：1
	AG90-ER20×2-170	ER20	41/48	65/80	170	2KW	4000RPM	16NM	1：1
ISO30/40/50	AG90-ER20×2-50	ER20	41/48	65/80	50	2KW	4000RPM	16NM	1：1
	AG90-ER20×2-110	ER20	41/48	65/80	110	2KW	4000RPM	16NM	1：1
	AG90-ER20×2-170	ER20	41/48	65/80	170	2KW	4000RPM	16NM	1：1
HSK63/80/100	AG90-ER20×2-50	ER20	41/48	65/80	50	2KW	4000RPM	16NM	1：1
	AG90-ER20×2-110	ER20	41/48	65/80	110	2KW	4000RPM	16NM	1：1
	AG90-ER20×2-170	ER20	41/48	65/80	170	2KW	4000RPM	16NM	1：1

备注：

◎本产品当 L3 大于 100mm 时，只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

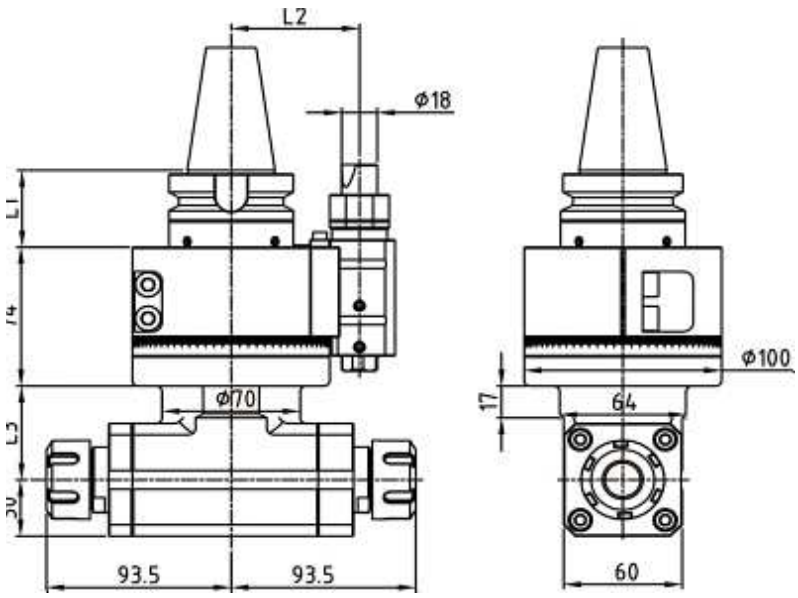
Remarks:

◎This product only accepts flanges or other when L3 is greater than 100mm.

◎ The output is in the same direction as the spindle drive shank.

AG90-ER25×2 系列 AG90-ER25×2 SERIES





驱动刀柄 Driver holder	型号 Model	输出 Output	L1	L2	L3	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK30/40/50	AG90-ER25×2-50	ER25	41/48	65/80	50	3KW	4000RPM	32NM	1：1
	AG90-ER25×2-110	ER25	41/48	65/80	110	3KW	4000RPM	32NM	1：1
	AG90-ER25×2-170	ER25	41/48	65/80	170	3KW	4000RPM	32NM	1：1
CAT30/40/50	AG90-ER25×2-50	ER25	41/48	65/80	50	3KW	4000RPM	32NM	1：1
	AG90-ER25×2-110	ER25	41/48	65/80	110	3KW	4000RPM	32NM	1：1
	AG90-ER25×2-170	ER25	41/48	65/80	170	3KW	4000RPM	32NM	1：1
BT30/40/50	AG90-ER25×2-50	ER25	41/48	65/80	50	3KW	4000RPM	32NM	1：1
	AG90-ER25×2-110	ER25	41/48	65/80	110	3KW	4000RPM	32NM	1：1
	AG90-ER25×2-170	ER25	41/48	65/80	170	3KW	4000RPM	32NM	1：1
KM63/80/100	AG90-ER25×2-50	ER25	41/48	65/80	50	3KW	4000RPM	32NM	1：1
	AG90-ER25×2-110	ER25	41/48	65/80	110	3KW	4000RPM	32NM	1：1
	AG90-ER25×2-170	ER25	41/48	65/80	170	3KW	4000RPM	32NM	1：1
ISO30/40/50	AG90-ER25×2-50	ER25	41/48	65/80	50	3KW	4000RPM	32NM	1：1
	AG90-ER25×2-110	ER25	41/48	65/80	110	3KW	4000RPM	32NM	1：1
	AG90-ER25×2-170	ER25	41/48	65/80	170	3KW	4000RPM	32NM	1：1
HSK63/80/100	AG90-ER25×2-50	ER25	41/48	65/80	50	3KW	4000RPM	32NM	1：1
	AG90-ER25×2-110	ER25	41/48	65/80	110	3KW	4000RPM	32NM	1：1
	AG90-ER25×2-170	ER25	41/48	65/80	170	3KW	4000RPM	32NM	1：1

备注：

◎本产品当 L3 大于 100mm 时，只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

Remarks:

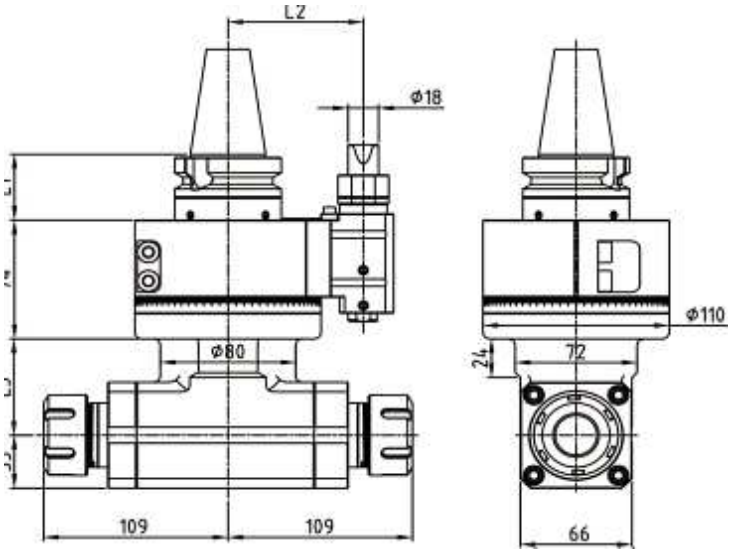
◎ This product only accepts flanges or other when L3 is greater than 100mm.

◎ The output is in the same direction as the spindle drive shank.

高精度角度铣头 HIGH PRECISION ANGLE HEAD

AG90-ER32×2 系列 AG90-ER32×2 SERIES





驱动刀柄 Driver holder	型号 Model	输出 Output	L1	L2	L3	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK30/40/50	AG90-ER32×2-60	ER32	41/48	65/80	60	4KW	3500RPM	40NM	1：1
	AG90-ER32×2-130	ER32	41/48	65/80	130	4KW	3500RPM	40NM	1：1
	AG90-ER32×2-200	ER32	41/48	65/80	200	4KW	3500RPM	40NM	1：1
CAT30/40/50	AG90-ER32×2-60	ER32	41/48	65/80	60	4KW	3500RPM	40NM	1：1
	AG90-ER32×2-130	ER32	41/48	65/80	130	4KW	3500RPM	40NM	1：1
	AG90-ER32×2-200	ER32	41/48	65/80	200	4KW	3500RPM	40NM	1：1
BT30/40/50	AG90-ER32×2-60	ER32	41/48	65/80	60	4KW	3500RPM	40NM	1：1
	AG90-ER32×2-130	ER32	41/48	65/80	130	4KW	3500RPM	40NM	1：1
	AG90-ER32×2-200	ER32	41/48	65/80	200	4KW	3500RPM	40NM	1：1
KM63/80/100	AG90-ER32×2-60	ER32	41/48	65/80	60	4KW	3500RPM	40NM	1：1
	AG90-ER32×2-130	ER32	41/48	65/80	130	4KW	3500RPM	40NM	1：1
	AG90-ER32×2-200	ER32	41/48	65/80	200	4KW	3500RPM	40NM	1：1
ISO30/40/50	AG90-ER32×2-60	ER32	41/48	65/80	60	4KW	3500RPM	40NM	1：1
	AG90-ER32×2-130	ER32	41/48	65/80	130	4KW	3500RPM	40NM	1：1
	AG90-ER32×2-200	ER32	41/48	65/80	200	4KW	3500RPM	40NM	1：1
HSK63/80/100	AG90-ER32×2-60	ER32	41/48	65/80	60	4KW	3500RPM	40NM	1：1
	AG90-ER32×2-130	ER32	41/48	65/80	130	4KW	3500RPM	40NM	1：1
	AG90-ER32×2-200	ER32	41/48	65/80	200	4KW	3500RPM	40NM	1：1

备注：

◎本产品当 L3 大于 100mm 时，只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

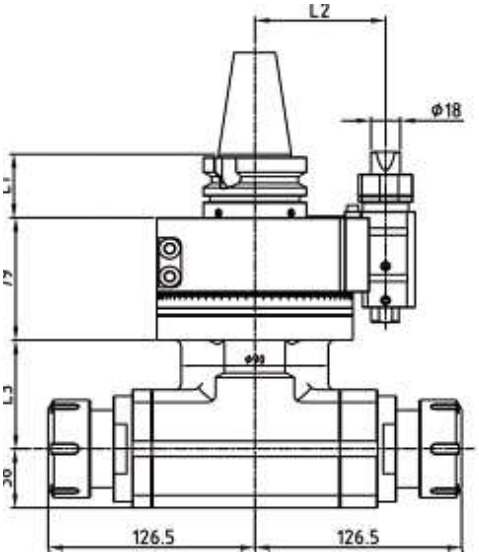
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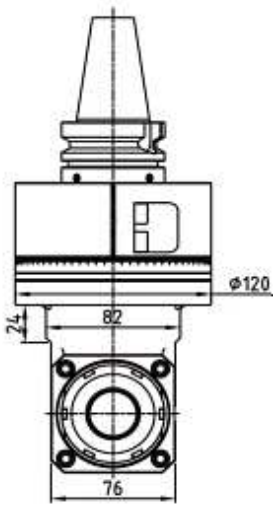
◎This product only accepts flanges or other when L3 is greater than 100mm.

◎ The output is in the same direction as the spindle drive shank.

AG90-ER40×2 系列 AG90-ER40×2 SERIES







驱动刀柄 Driver holder	型号 Model	输出 Output	L1	L2	L3	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK30/40/50	AG90-ER40×2-70	ER40	41/48	80/110	70	6KW	3000RPM	75NM	1：1
	AG90-ER40×2-150	ER40	41/48	80/110	150	6KW	3000RPM	75NM	1：1
	AG90-ER40×2-230	ER40	41/48	80/110	230	6KW	3000RPM	75NM	1：1
CAT30/40/50	AG90-ER40×2-70	ER40	41/48	80/110	70	6KW	3000RPM	75NM	1：1
	AG90-ER40×2-150	ER40	41/48	80/110	150	6KW	3000RPM	75NM	1：1
	AG90-ER40×2-230	ER40	41/48	80/110	230	6KW	3000RPM	75NM	1：1
BT30/40/50	AG90-ER40×2-70	ER40	41/48	80/110	70	6KW	3000RPM	75NM	1：1
	AG90-ER40×2-150	ER40	41/48	80/110	150	6KW	3000RPM	75NM	1：1
	AG90-ER40×2-230	ER40	41/48	80/110	230	6KW	3000RPM	75NM	1：1
KM63/80/100	AG90-ER40×2-70	ER40	41/48	80/110	70	6KW	3000RPM	75NM	1：1
	AG90-ER40×2-150	ER40	41/48	80/110	150	6KW	3000RPM	75NM	1：1
	AG90-ER40×2-230	ER40	41/48	80/110	230	6KW	3000RPM	75NM	1：1
ISO30/40/50	AG90-ER40×2-70	ER40	41/48	80/110	70	6KW	3000RPM	75NM	1：1
	AG90-ER40×2-150	ER40	41/48	80/110	150	6KW	3000RPM	75NM	1：1
	AG90-ER40×2-230	ER40	41/48	80/110	230	6KW	3000RPM	75NM	1：1
HSK63/80/100	AG90-ER40×2-70	ER40	41/48	80/110	70	6KW	3000RPM	75NM	1：1
	AG90-ER40×2-150	ER40	41/48	80/110	150	6KW	3000RPM	75NM	1：1
	AG90-ER40×2-230	ER40	41/48	80/110	230	6KW	3000RPM	75NM	1：1

备注：

◎本产品当 L3 大于 100mm 时，只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

Remarks:

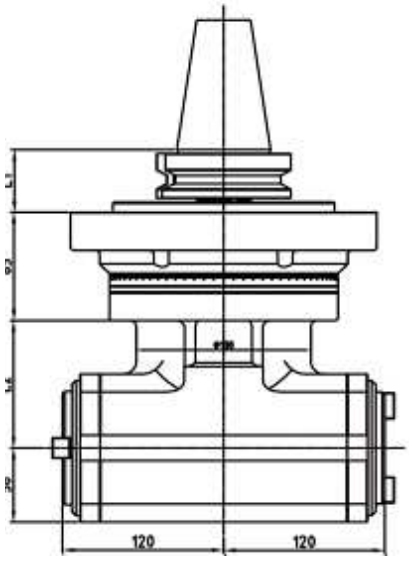
◎This product only accepts flanges or other when L3 is greater than 100mm.

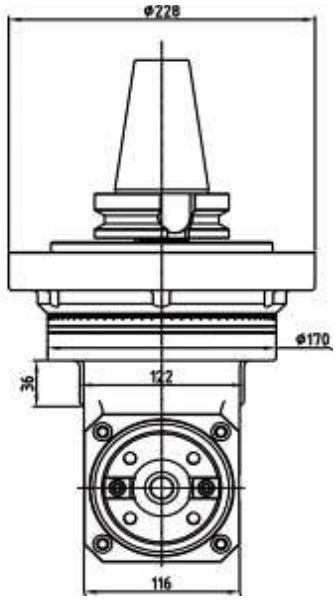
◎ The output is in the same direction as the spindle drive shank.

高精度角度铣头 HIGH PRECISION ANGLE HEAD

AG90-BT40×2 系列 AG90-ER40×2 SERIES







驱动刀柄 Driver holder	型号 Model	输出 Output	L1	L2	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK40/50	AG90-BT40×2-80	BT40	41/48	80	6KW	3000RPM	100NM	1：1
	AG90-BT40×2-160	BT40	41/48	160	6KW	3000RPM	100NM	1：1
	AG90-BT40×2-240	BT40	41/48	240	6KW	3000RPM	100NM	1：1
CAT40/50	AG90-BT40×2-80	BT40	41/48	80	6KW	3000RPM	100NM	1：1
	AG90-BT40×2-160	BT40	41/48	160	6KW	3000RPM	100NM	1：1
	AG90-BT40×2-240	BT40	41/48	240	6KW	3000RPM	100NM	1：1
BT40/50	AG90-BT40×2-80	BT40	41/48	80	6KW	3000RPM	100NM	1：1
	AG90-BT40×2-160	BT40	41/48	160	6KW	3000RPM	100NM	1：1
	AG90-BT40×2-240	BT40	41/48	240	6KW	3000RPM	100NM	1：1
KM63/80/100	AG90-BT40×2-80	BT40	41/48	80	6KW	3000RPM	100NM	1：1
	AG90-BT40×2-160	BT40	41/48	160	6KW	3000RPM	100NM	1：1
	AG90-BT40×2-240	BT40	41/48	240	6KW	3000RPM	100NM	1：1
ISO40/50	AG90-BT40×2-80	BT40	41/48	80	6KW	3000RPM	100NM	1：1
	AG90-BT40×2-160	BT40	41/48	160	6KW	3000RPM	100NM	1：1
	AG90-BT40×2-240	BT40	41/48	240	6KW	3000RPM	100NM	1：1
HSK63/80/100	AG90-BT40×2-80	BT40	41/48	80	6KW	3000RPM	100NM	1：1
	AG90-BT40×2-160	BT40	41/48	160	6KW	3000RPM	100NM	1：1
	AG90-BT40×2-240	BT40	41/48	240	6KW	3000RPM	100NM	1：1

备注：

◎本产品当 L3 大于 100mm 时，只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

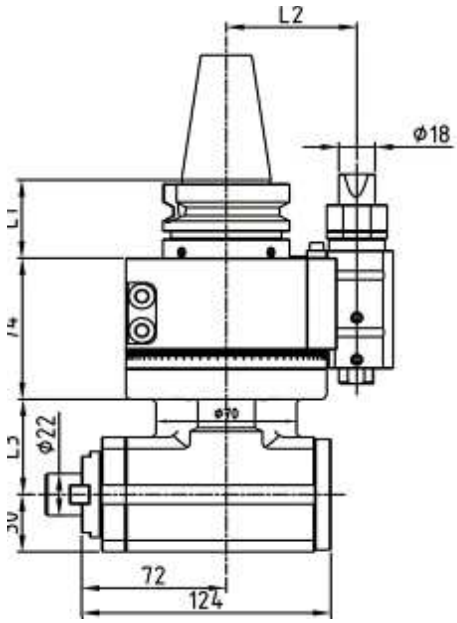
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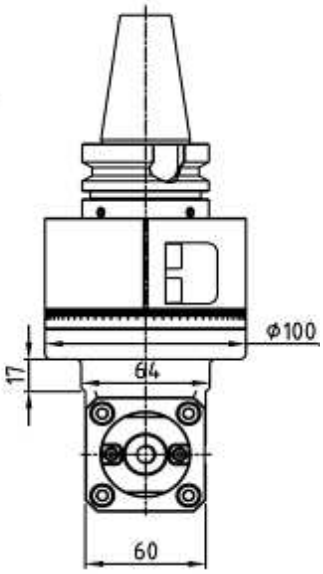
◎ This product only accepts flanges or other when L3 is greater than 100mm.

◎ The output is in the same direction as the spindle drive shank.

AG90-F50 系列 AG90-F50 SERIES







驱动刀柄 Driver holder	型号 Model	输出 Output	L1	L2	L3	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK30/40/50	AG90-F50-50	FMB22	41/48	65/80	50	3KW	4000RPM	32NM	1：1
	AG90-F50-110	FMB22	41/48	65/80	110	3KW	4000RPM	32NM	1：1
	AG90-F50-170	FMB22	41/48	65/80	170	3KW	4000RPM	32NM	1：1
CAT30/40/50	AG90-F50-50	FMB22	41/48	65/80	50	3KW	4000RPM	32NM	1：1
	AG90-F50-110	FMB22	41/48	65/80	110	3KW	4000RPM	32NM	1：1
	AG90-F50-170	FMB22	41/48	65/80	170	3KW	4000RPM	32NM	1：1
BT30/40/50	AG90-F50-50	FMB22	41/48	65/80	50	3KW	4000RPM	32NM	1：1
	AG90-F50-110	FMB22	41/48	65/80	110	3KW	4000RPM	32NM	1：1
	AG90-F50-170	FMB22	41/48	65/80	170	3KW	4000RPM	32NM	1：1
KM63/80/100	AG90-F50-50	FMB22	41/48	65/80	50	3KW	4000RPM	32NM	1：1
	AG90-F50-110	FMB22	41/48	65/80	110	3KW	4000RPM	32NM	1：1
	AG90-F50-170	FMB22	41/48	65/80	170	3KW	4000RPM	32NM	1：1
ISO30/40/50	AG90-F50-50	FMB22	41/48	65/80	50	3KW	4000RPM	32NM	1：1
	AG90-F50-110	FMB22	41/48	65/80	110	3KW	4000RPM	32NM	1：1
	AG90-F50-170	FMB22	41/48	65/80	170	3KW	4000RPM	32NM	1：1
HSK63/80/100	AG90-F50-50	FMB22	41/48	65/80	50	3KW	4000RPM	32NM	1：1
	AG90-F50-110	FMB22	41/48	65/80	110	3KW	4000RPM	32NM	1：1
	AG90-F50-170	FMB22	41/48	65/80	170	3KW	4000RPM	32NM	1：1

备注：

◎本产品当 L3 大于 100mm 时，只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

Remarks:

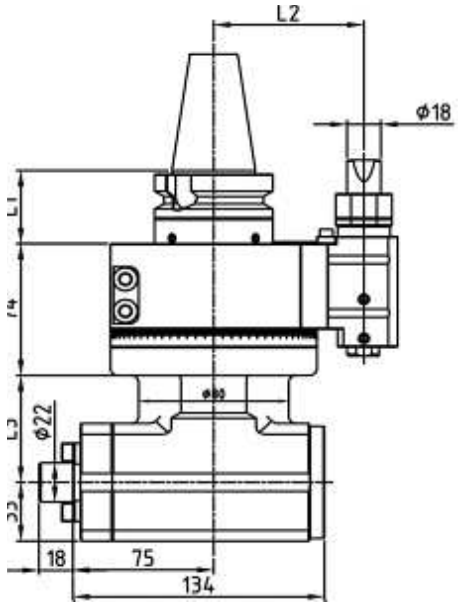
◎This product only accepts flanges or other when L3 is greater than 100mm.

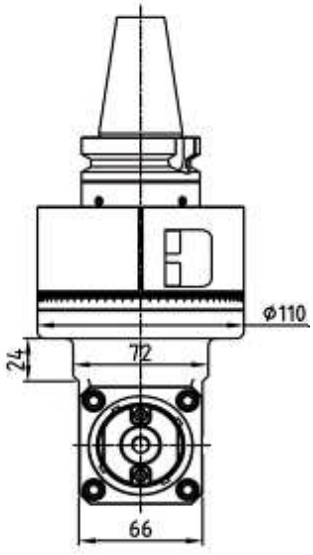
◎ The output is in the same direction as the spindle drive shank.

高精度角度铣头 HIGH PRECISION ANGLE HEAD

AG90-F63 系列 AG90-F63 SERIES







驱动刀柄 Driver holder	型号 Model	输出 Output	L1	L2	L3	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK30/40/50	AG90-F63-60	FMB22	41/48	65/80	60	4KW	3500RPM	40NM	1：1
	AG90-F63-130	FMB22	41/48	65/80	130	4KW	3500RPM	40NM	1：1
	AG90-F63-200	FMB22	41/48	65/80	200	4KW	3500RPM	40NM	1：1
CAT30/40/50	AG90-F63-60	FMB22	41/48	65/80	60	4KW	3500RPM	40NM	1：1
	AG90-F63-130	FMB22	41/48	65/80	130	4KW	3500RPM	40NM	1：1
	AG90-F63-200	FMB22	41/48	65/80	200	4KW	3500RPM	40NM	1：1
BT30/40/50	AG90-F63-60	FMB22	41/48	65/80	60	4KW	3500RPM	40NM	1：1
	AG90-F63-130	FMB22	41/48	65/80	130	4KW	3500RPM	40NM	1：1
	AG90-F63-200	FMB22	41/48	65/80	200	4KW	3500RPM	40NM	1：1
KM63/80/100	AG90-F63-60	FMB22	41/48	65/80	60	4KW	3500RPM	40NM	1：1
	AG90-F63-130	FMB22	41/48	65/80	130	4KW	3500RPM	40NM	1：1
	AG90-F63-200	FMB22	41/48	65/80	200	4KW	3500RPM	40NM	1：1
ISO30/40/50	AG90-F63-60	FMB22	41/48	65/80	60	4KW	3500RPM	40NM	1：1
	AG90-F63-130	FMB22	41/48	65/80	130	4KW	3500RPM	40NM	1：1
	AG90-F63-200	FMB22	41/48	65/80	200	4KW	3500RPM	40NM	1：1
HSK63/80/100	AG90-F63-60	FMB22	41/48	65/80	60	4KW	3500RPM	40NM	1：1
	AG90-F63-130	FMB22	41/48	65/80	130	4KW	3500RPM	40NM	1：1
	AG90-F63-200	FMB22	41/48	65/80	200	4KW	3500RPM	40NM	1：1

备注：

◎本产品当 L3 大于 100mm 时，只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

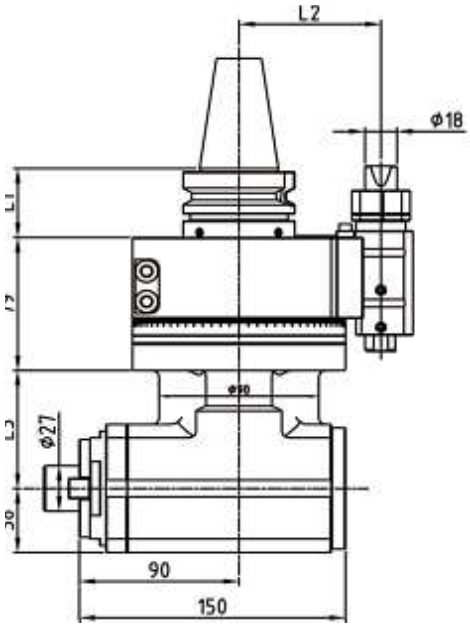
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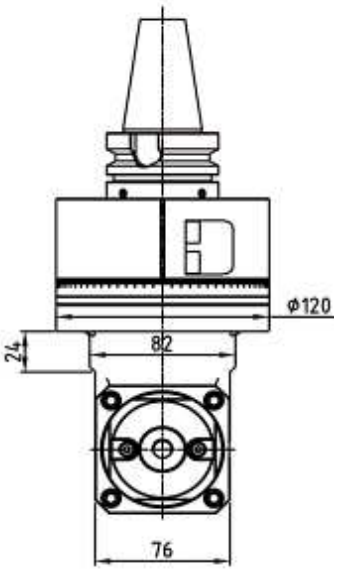
◎ This product only accepts flanges or other when L3 is greater than 100mm.

◎ The output is in the same direction as the spindle drive shank.

AG90-F80 系列 AG90-F80 SERIES







驱动刀柄 Driver holder	型号 Model	输出 Output	L1	L2	L3	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK30/40/50	AG90-F80-70	FMB27	41/48	80/100	70	6KW	3000RPM	75NM	1：1
	AG90-F80-150	FMB27	41/48	80/100	150	6KW	3000RPM	75NM	1：1
	AG90-F80-230	FMB27	41/48	80/100	230	6KW	3000RPM	75NM	1：1
CAT30/40/50	AG90-F80-70	FMB27	41/48	80/100	70	6KW	3000RPM	75NM	1：1
	AG90-F80-150	FMB27	41/48	80/100	150	6KW	3000RPM	75NM	1：1
	AG90-F80-230	FMB27	41/48	80/100	230	6KW	3000RPM	75NM	1：1
BT30/40/50	AG90-F80-70	FMB27	41/48	80/100	70	6KW	3000RPM	75NM	1：1
	AG90-F80-150	FMB27	41/48	80/100	150	6KW	3000RPM	75NM	1：1
	AG90-F80-230	FMB27	41/48	80/100	230	6KW	3000RPM	75NM	1：1
KM63/80/100	AG90-F80-70	FMB27	41/48	80/100	70	6KW	3000RPM	75NM	1：1
	AG90-F80-150	FMB27	41/48	80/100	150	6KW	3000RPM	75NM	1：1
	AG90-F80-230	FMB27	41/48	80/100	230	6KW	3000RPM	75NM	1：1
ISO30/40/50	AG90-F80-70	FMB27	41/48	80/100	70	6KW	3000RPM	75NM	1：1
	AG90-F80-150	FMB27	41/48	80/100	150	6KW	3000RPM	75NM	1：1
	AG90-F80-230	FMB27	41/48	80/100	230	6KW	3000RPM	75NM	1：1
HSK63/80/100	AG90-F80-70	FMB27	41/48	80/100	70	6KW	3000RPM	75NM	1：1
	AG90-F80-150	FMB27	41/48	80/100	150	6KW	3000RPM	75NM	1：1
	AG90-F80-230	FMB27	41/48	80/100	230	6KW	3000RPM	75NM	1：1

备注：

◎本产品当 L3 大于 100mm 时，只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

Remarks:

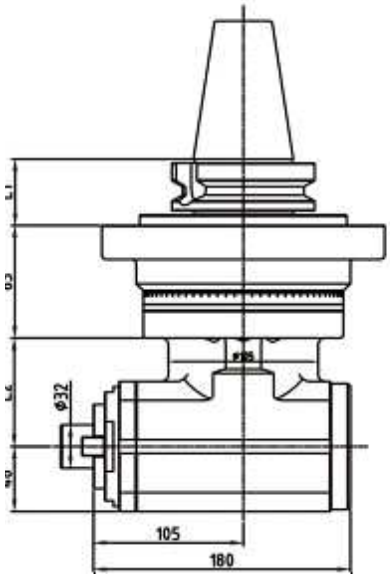
◎This product only accepts flanges or other when L3 is greater than 100mm.

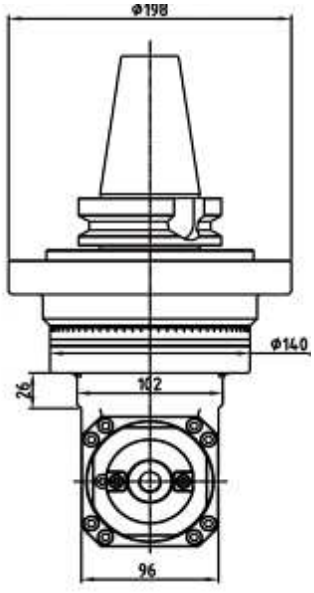
◎ The output is in the same direction as the spindle drive shank.

高精度角度铣头 HIGH PRECISION ANGLE HEAD

AG90-F100 系列 AG90-F100 SERIES







驱动刀柄 Driver holder	型号 Model	输出 Output	L1	L2	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK40/50	AG90-F100-80	FMB32	41/48	80	6KW	3000RPM	100NM	1：1
	AG90-F100-160	FMB32	41/48	160	6KW	3000RPM	100NM	1：1
	AG90-F100-240	FMB32	41/48	240	6KW	3000RPM	100NM	1：1
CAT40/50	AG90-F100-80	FMB32	41/48	80	6KW	3000RPM	100NM	1：1
	AG90-F100-160	FMB32	41/48	160	6KW	3000RPM	100NM	1：1
	AG90-F100-240	FMB32	41/48	240	6KW	3000RPM	100NM	1：1
BT40/50	AG90-F100-80	FMB32	41/48	80	6KW	3000RPM	100NM	1：1
	AG90-F100-160	FMB32	41/48	160	6KW	3000RPM	100NM	1：1
	AG90-F100-240	FMB32	41/48	240	6KW	3000RPM	100NM	1：1
KM63/80/100	AG90-F100-80	FMB32	41/48	80	6KW	3000RPM	100NM	1：1
	AG90-F100-160	FMB32	41/48	160	6KW	3000RPM	100NM	1：1
	AG90-F100-240	FMB32	41/48	240	6KW	3000RPM	100NM	1：1
ISO40/50	AG90-F100-80	FMB32	41/48	80	6KW	3000RPM	100NM	1：1
	AG90-F100-160	FMB32	41/48	160	6KW	3000RPM	100NM	1：1
	AG90-F100-240	FMB32	41/48	240	6KW	3000RPM	100NM	1：1
HSK63/80/100	AG90-F100-80	FMB32	41/48	80	6KW	3000RPM	100NM	1：1
	AG90-F100-160	FMB32	41/48	160	6KW	3000RPM	100NM	1：1
	AG90-F100-240	FMB32	41/48	240	6KW	3000RPM	100NM	1：1

备注：

◎本产品当 L3 大于 100mm 时，只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

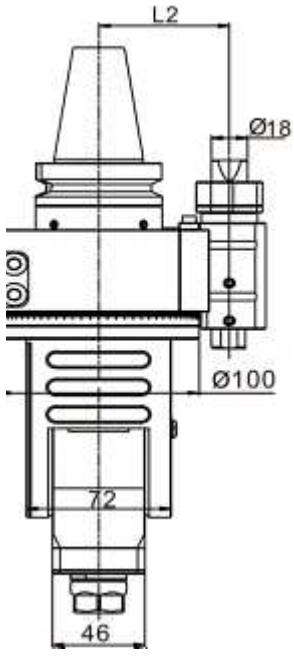
Remarks:

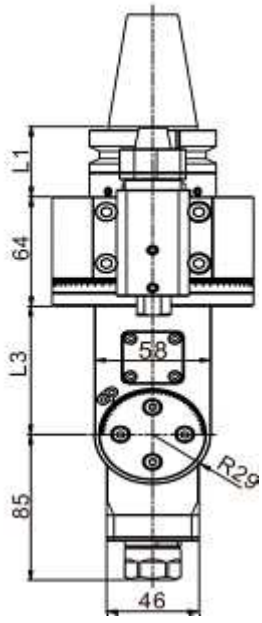
◎This product only accepts flanges or other when L3 is greater than 100mm.

◎ The output is in the same direction as the spindle drive shank.

AGU-ER16 系列 AGU-ER16 SERIES







驱动刀柄 Driver holder	型号 Model	输出 Output	L1	L2	L3	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK30/40/50	AGU-ER16-75	ER16	41/48	65/80	75	2KW	4000RPM	12NM	1：1
	AGU-ER16-125	ER16	41/48	65/80	125	2KW	4000RPM	12NM	1：1
	AGU-ER16-175	ER16	41/48	65/80	175	2KW	4000RPM	12NM	1：1
CAT30/40/50	AGU-ER16-75	ER16	41/48	65/80	75	2KW	4000RPM	12NM	1：1
	AGU-ER16-125	ER16	41/48	65/80	125	2KW	4000RPM	12NM	1：1
	AGU-ER16-175	ER16	41/48	65/80	175	2KW	4000RPM	12NM	1：1
BT30/40/50	AGU-ER16-75	ER16	41/48	65/80	75	2KW	4000RPM	12NM	1：1
	AGU-ER16-125	ER16	41/48	65/80	125	2KW	4000RPM	12NM	1：1
	AGU-ER16-175	ER16	41/48	65/80	175	2KW	4000RPM	12NM	1：1
KM63/80/100	AGU-ER16-75	ER16	41/48	65/80	75	2KW	4000RPM	12NM	1：1
	AGU-ER16-125	ER16	41/48	65/80	125	2KW	4000RPM	12NM	1：1
	AGU-ER16-175	ER16	41/48	65/80	175	2KW	4000RPM	12NM	1：1
ISO30/40/50	AGU-ER16-75	ER16	41/48	65/80	75	2KW	4000RPM	12NM	1：1
	AGU-ER16-125	ER16	41/48	65/80	125	2KW	4000RPM	12NM	1：1
	AGU-ER16-175	ER16	41/48	65/80	175	2KW	4000RPM	12NM	1：1
HSK63/80/100	AGU-ER16-75	ER16	41/48	65/80	75	2KW	4000RPM	12NM	1：1
	AGU-ER16-125	ER16	41/48	65/80	125	2KW	4000RPM	12NM	1：1
	AGU-ER16-175	ER16	41/48	65/80	175	2KW	4000RPM	12NM	1：1

备注：

◎本产品当 L3 大于 100mm 时，只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

Remarks:

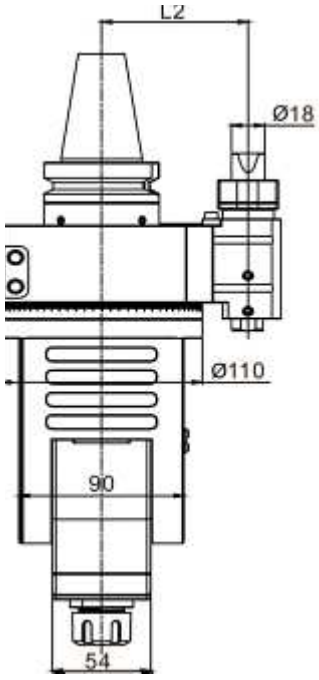
◎This product only accepts flanges or other when L3 is greater than 100mm.

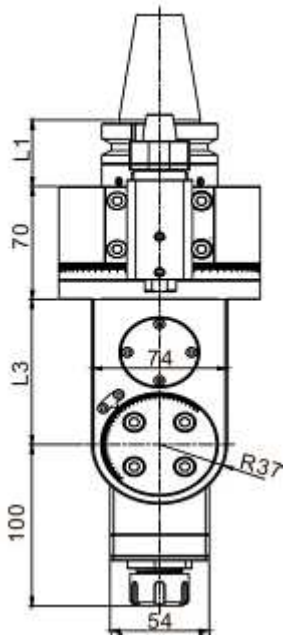
◎ The output is in the same direction as the spindle drive shank.

高精度角度铣头 HIGH PRECISION ANGLE HEAD

AGU-ER20 系列 AGU-ER20 SERIES







驱动刀柄 Driver holder	型号 Model	输出 Output	L1	L2	L3	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK30/40/50	AGU-ER20-90	ER20	41/48	80/110	90	2KW	4000RPM	12NM	1：1
	AGU-ER20-140	ER20	41/48	80/110	140	2KW	4000RPM	12NM	1：1
	AGU-ER20-190	ER20	41/48	80/110	190	2KW	4000RPM	12NM	1：1
CAT30/40/50	AGU-ER20-90	ER20	41/48	80/110	90	2KW	4000RPM	12NM	1：1
	AGU-ER20-140	ER20	41/48	80/110	140	2KW	4000RPM	12NM	1：1
	AGU-ER20-190	ER20	41/48	80/110	190	2KW	4000RPM	12NM	1：1
BT30/40/50	AGU-ER20-90	ER20	41/48	80/110	90	2KW	4000RPM	12NM	1：1
	AGU-ER20-140	ER20	41/48	80/110	140	2KW	4000RPM	12NM	1：1
	AGU-ER20-190	ER20	41/48	80/110	190	2KW	4000RPM	12NM	1：1
KM63/80/100	AGU-ER20-90	ER20	41/48	80/110	90	2KW	4000RPM	12NM	1：1
	AGU-ER20-140	ER20	41/48	80/110	140	2KW	4000RPM	12NM	1：1
	AGU-ER20-190	ER20	41/48	80/110	190	2KW	4000RPM	12NM	1：1
ISO30/40/50	AGU-ER20-90	ER20	41/48	80/110	90	2KW	4000RPM	12NM	1：1
	AGU-ER20-140	ER20	41/48	80/110	140	2KW	4000RPM	12NM	1：1
	AGU-ER20-190	ER20	41/48	80/110	190	2KW	4000RPM	12NM	1：1
HSK63/80/100	AGU-ER20-90	ER20	41/48	80/110	90	2KW	4000RPM	12NM	1：1
	AGU-ER20-140	ER20	41/48	80/110	140	2KW	4000RPM	12NM	1：1
	AGU-ER20-190	ER20	41/48	80/110	190	2KW	4000RPM	12NM	1：1

备注：

◎本产品当 L3 大于 100mm 时，只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

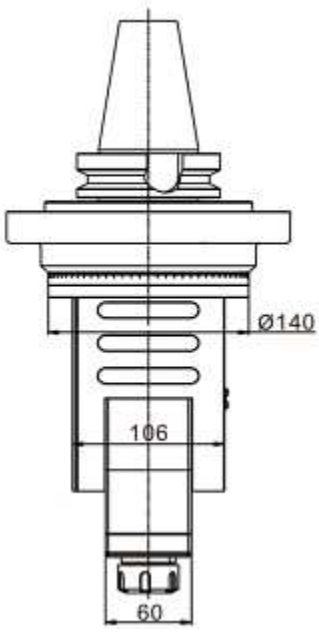
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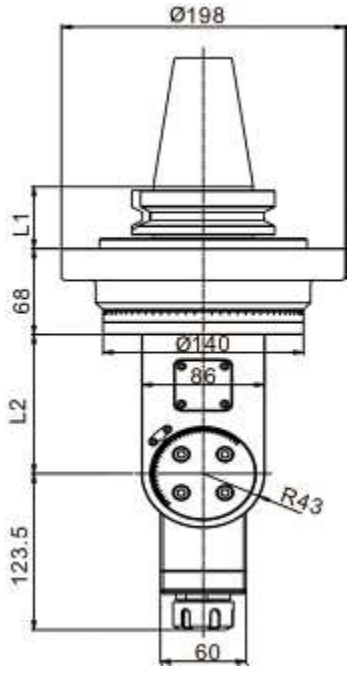
◎This product only accepts flanges or other when L3 is greater than 100mm.

◎ The output is in the same direction as the spindle drive shank.

AGU-ER25 系列 AGU-ER25 SERIES







驱动刀柄 Driver holder	型号 Model	输出 Output	L1	L2	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK30/40/50	AGU-ER25-110	ER25	41/48	110	2.5KW	3500RPM	25NM	1：1
	AGU-ER25-170	ER25	41/48	170	2.5KW	3500RPM	25NM	1：1
	AGU-ER25-230	ER25	41/48	230	2.5KW	3500RPM	25NM	1：1
CAT30/40/50	AGU-ER25-110	ER25	41/48	110	2.5KW	3500RPM	25NM	1：1
	AGU-ER25-170	ER25	41/48	170	2.5KW	3500RPM	25NM	1：1
	AGU-ER25-230	ER25	41/48	230	2.5KW	3500RPM	25NM	1：1
BT30/40/50	AGU-ER25-110	ER25	41/48	110	2.5KW	3500RPM	25NM	1：1
	AGU-ER25-170	ER25	41/48	170	2.5KW	3500RPM	25NM	1：1
	AGU-ER25-230	ER25	41/48	230	2.5KW	3500RPM	25NM	1：1
KM63/80/100	AGU-ER25-110	ER25	41/48	110	2.5KW	3500RPM	25NM	1：1
	AGU-ER25-170	ER25	41/48	170	2.5KW	3500RPM	25NM	1：1
	AGU-ER25-230	ER25	41/48	230	2.5KW	3500RPM	25NM	1：1
ISO30/40/50	AGU-ER25-110	ER25	41/48	110	2.5KW	3500RPM	25NM	1：1
	AGU-ER25-170	ER25	41/48	170	2.5KW	3500RPM	25NM	1：1
	AGU-ER25-230	ER25	41/48	230	2.5KW	3500RPM	25NM	1：1
HSK63/80/100	AGU-ER25-110	ER25	41/48	110	2.5KW	3500RPM	25NM	1：1
	AGU-ER25-170	ER25	41/48	170	2.5KW	3500RPM	25NM	1：1
	AGU-ER25-230	ER25	41/48	230	2.5KW	3500RPM	25NM	1：1

备注：

◎本产品当 L3 大于 100mm 时，只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

Remarks:

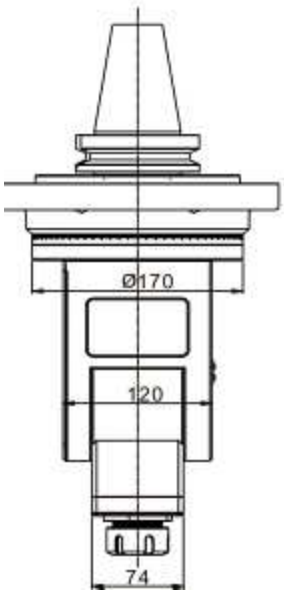
◎This product only accepts flanges or other when L3 is greater than 100mm.

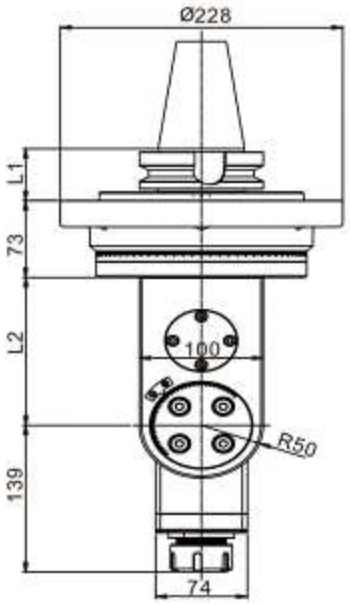
◎ The output is in the same direction as the spindle drive shank.

高精度角度铣头 HIGH PRECISION ANGLE HEAD

AGU-ER32 系列 AGU-ER32 SERIES







驱动刀柄 Driver holder	型号 Model	输出 Output	L1	L2	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK30/40/50	AGU-ER32-140	ER32	41/48	140	3KW	3000RPM	35NM	1：1
	AGU-ER32-220	ER32	41/48	220	3KW	3000RPM	35NM	1：1
	AGU-ER32-300	ER32	41/48	300	3KW	3000RPM	35NM	1：1
CAT30/40/50	AGU-ER32-140	ER32	41/48	140	3KW	3000RPM	35NM	1：1
	AGU-ER32-220	ER32	41/48	220	3KW	3000RPM	35NM	1：1
	AGU-ER32-300	ER32	41/48	300	3KW	3000RPM	35NM	1：1
BT30/40/50	AGU-ER32-140	ER32	41/48	140	3KW	3000RPM	35NM	1：1
	AGU-ER32-220	ER32	41/48	220	3KW	3000RPM	35NM	1：1
	AGU-ER32-300	ER32	41/48	300	3KW	3000RPM	35NM	1：1
KM63/80/100	AGU-ER32-140	ER32	41/48	140	3KW	3000RPM	35NM	1：1
	AGU-ER32-220	ER32	41/48	220	3KW	3000RPM	35NM	1：1
	AGU-ER32-300	ER32	41/48	300	3KW	3000RPM	35NM	1：1
ISO30/40/50	AGU-ER32-140	ER32	41/48	140	3KW	3000RPM	35NM	1：1
	AGU-ER32-220	ER32	41/48	220	3KW	3000RPM	35NM	1：1
	AGU-ER32-300	ER32	41/48	300	3KW	3000RPM	35NM	1：1
HSK63/80/100	AGU-ER32-140	ER32	41/48	140	3KW	3000RPM	35NM	1：1
	AGU-ER32-220	ER32	41/48	220	3KW	3000RPM	35NM	1：1
	AGU-ER32-300	ER32	41/48	300	3KW	3000RPM	35NM	1：1

备注：

◎本产品当 L3 大于 100mm 时，只接受法兰盘或其他方式连接。

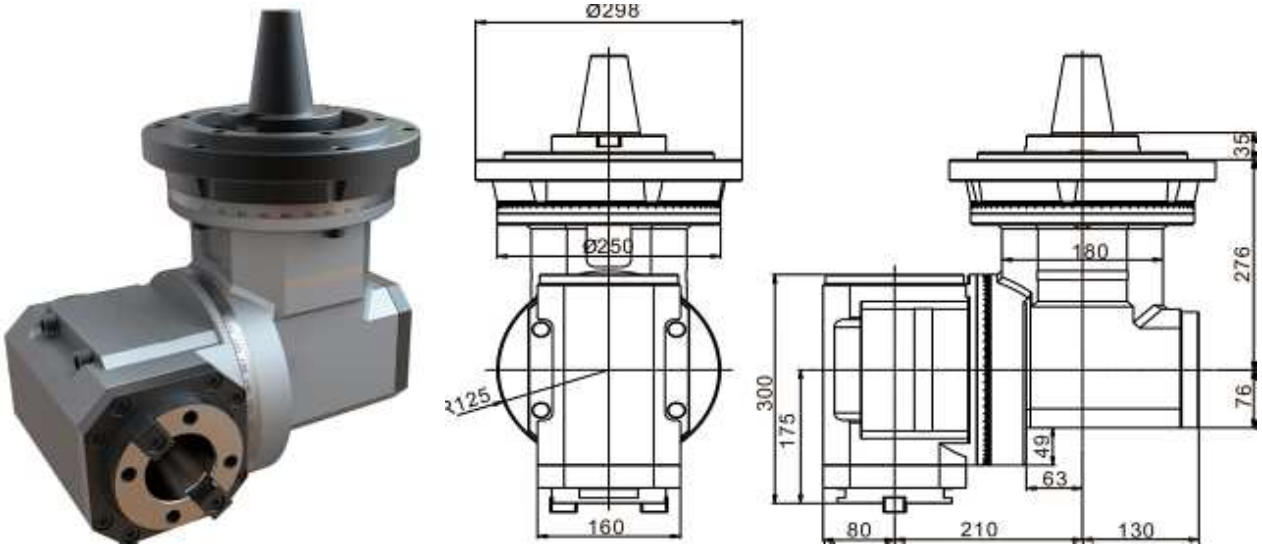
◎输出端与主轴驱动刀柄旋转方向相反。

Remarks:

◎This product only accepts flanges or other when L3 is greater than 100mm.

◎ The output is in the same direction as the spindle drive shank.

AGU-BT50 系列 AGU-BT50 SERIES



驱动刀柄 Driver holder	型号 Model	输出 Output	功率 Power	最高转速 Max speed	最高扭矩 Max torque	减速比 Reduction ratio
SK50	AGU-BT50	BT50	12KW	2000RPM	200NM	1：1
CAT50	AGU-BT50	BT50	12KW	2000RPM	200NM	1：1
BT50	AGU-BT50	BT50	12KW	2000RPM	200NM	1：1
KM100	AGU-BT50	BT50	12KW	2000RPM	200NM	1：1
ISO50	AGU-BT50	BT50	12KW	2000RPM	200NM	1：1
HSK100	AGU-BT50	BT50	12KW	2000RPM	200NM	1：1

备注：

◎本产品只接受法兰盘或其他方式连接。

◎输出端与主轴驱动刀柄旋转方向相反。

Remarks:

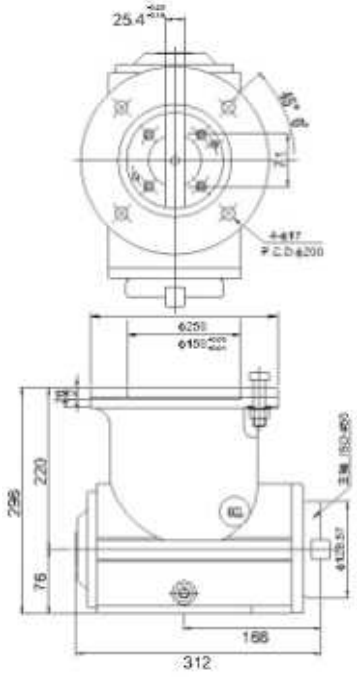
◎ This product only accepts flanges or other.

◎ The output is in the same direction as the spindle drive shank.

高精度角度铣头 HIGH PRECISION ANGLE HEAD

KF-A80-1 直角铣头 KF-A80-1 ANGLE HEAD

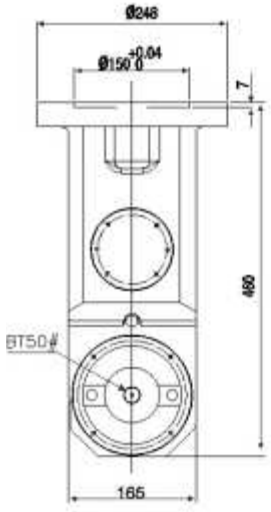


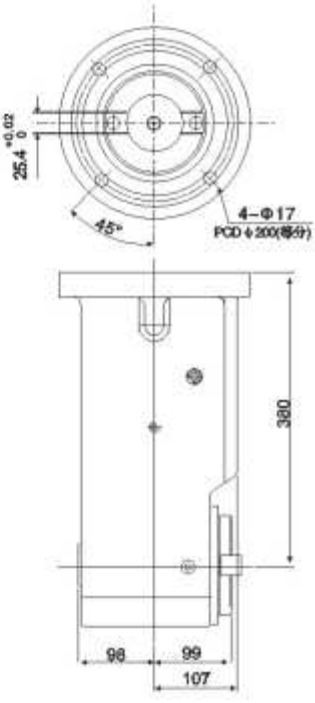


适用刀具 Taper	型号 Model	最高转速 Max speed	最大功率 KW	转向 Rotation	最大刀值 MAX.Cutter	重量 Weight
B.T/N.T50	KF-A80-1	900rpm	38kw	正转 corotation	ϕ200mm	56kg

KF-D90 度深孔直角铣头 KF-D90 ANGLE HEAD



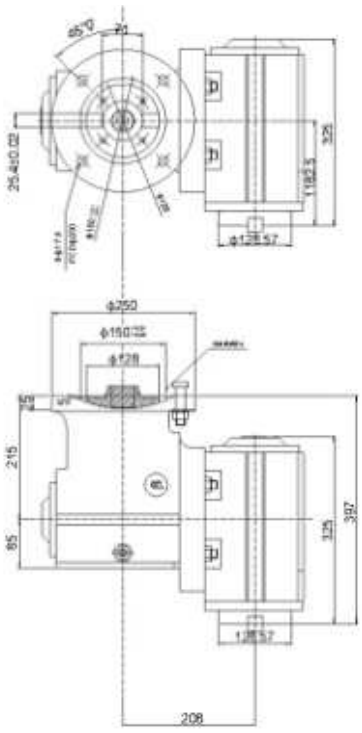




适用刀具 Taper	型号 Model	最高转速 Max speed	最大功率 KW	转向 Rotation	最大刀值 MAX.Cutter	重量 Weight
B.T/N.T50	KF-D90 度	900rpm	38kw	正转 corotation	ϕ200mm	72kg

KF-A90-1 万能铣头　KF-A90-1 UNIVERSAL HEAD

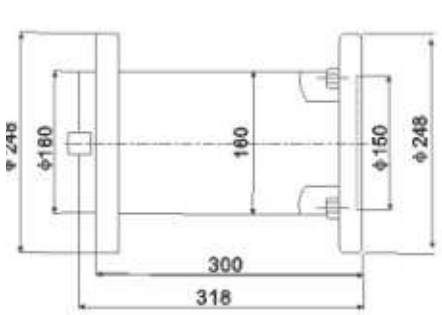


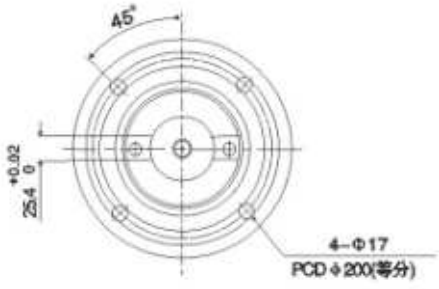


型号 Model	最高转速 Max speed	凸出 / 凹下 U/D	盘径 φ250/φ300	主轴维度	齿轮比数	主轴端外径	最大功率	刀盘最大直径	重量 Weight
KF-A90-1	800-1200rpm	U/D	2/3	ISO 50#	1:1	φ128.5	38kw	φ200mm	120kg

KF-300L 延伸头　KF-300L EXTEND HEAD





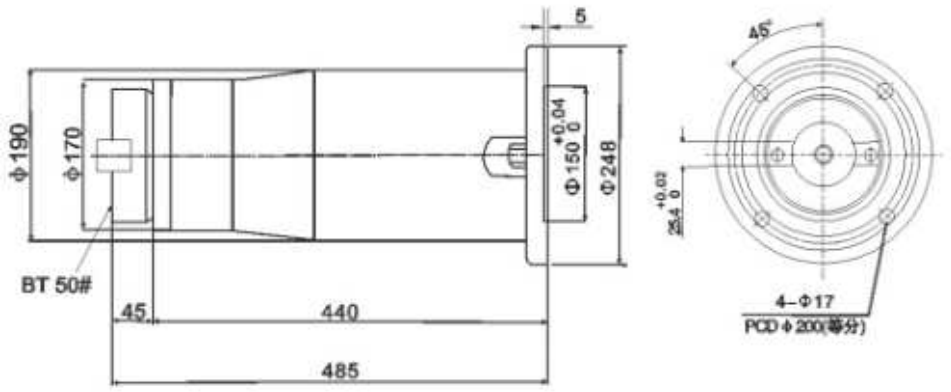


适用刀具 Taper	型号 Model	最高转速 Max speed	最大功率 KW	转向 Rotation	最大刀值 MAX.Cutter	重量 Weight
B.T/N.T50	KF-300L	900rpm	38kw	正转 corotation	φ200mm	52kg

高精度角度铣头 HIGH PRECISION ANGLE HEAD

KF-480L 延伸头 KF-480L EXTEND HEAD

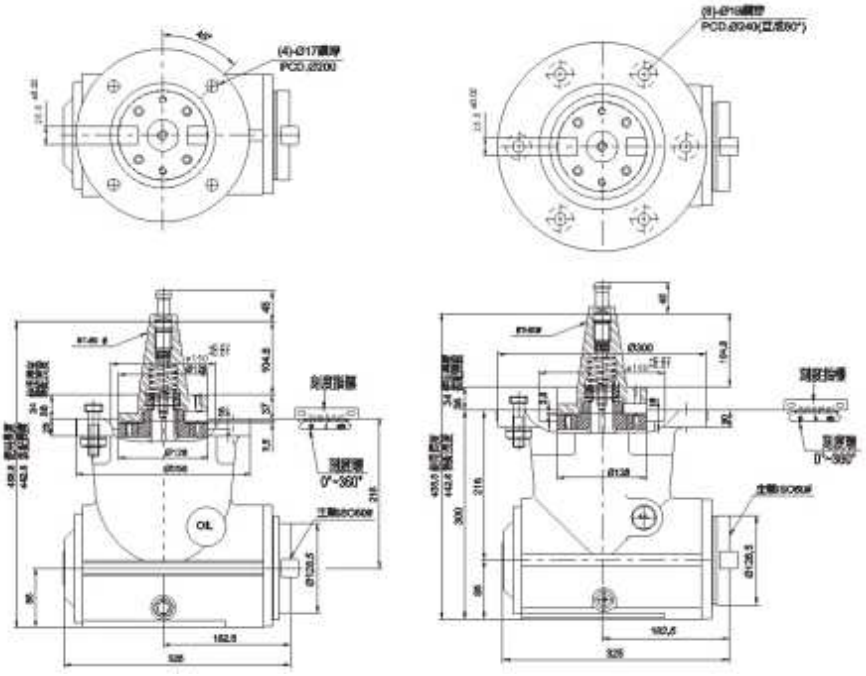




适用刀具 TAPER	型号 Model	最高转速 Max speed	最大功率 KW	转向 Rotation	最大刀值 MAX.Cutter	重量 Weight
B.T/N.T50	KF-480L	900rpm	38kw	正转 corotation	ϕ200mm	59kg

KF-A80 90°延伸头 KF-A80 90° ANGLE HEAD

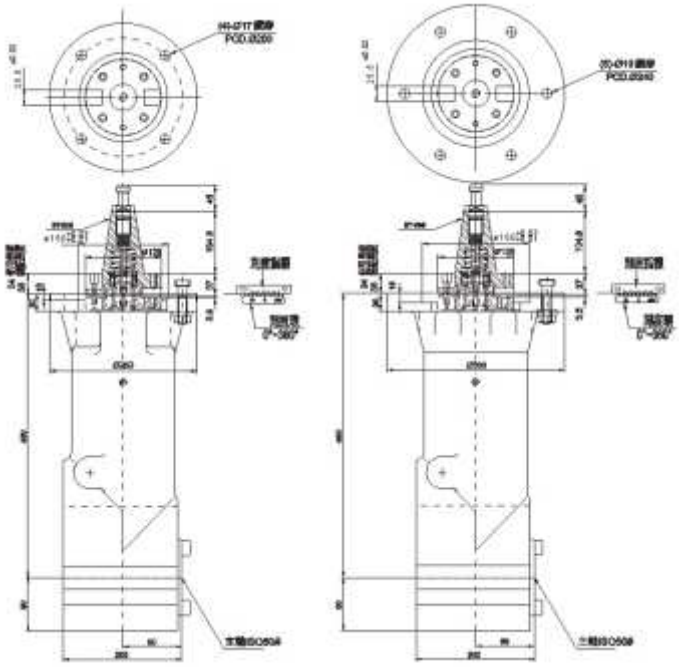




型号 Model	最高转速 Max speed	凸出 / 凹下 U/D	盘径 ϕ250/ϕ300	连接盘 (F)	刀杆含弹簧 / 无弹簧 H1/H2	主轴维度	齿轮比数	主轴端外径	最大功率	刀盘最大直径	重量 Weight
KF-A80	2000-2500rpm	U/D	2/3	F	H1/H2	ISO 50#	1:1	ϕ128.5	38kw	ϕ200mm	90kg

KF-A70 90°深镗铣头　KF-A70 ANGLE HEAD

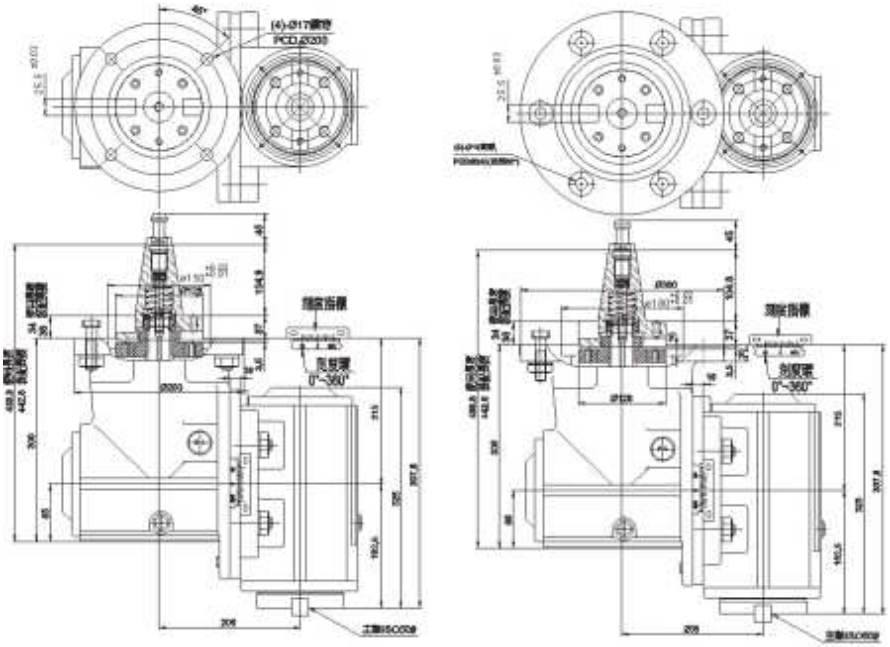




型号 Model	最高转速 Max speed	凸出 / 凹下 U/D	盘径 ϕ250/ϕ300	连接盘 (F)	刀杆含弹簧 / 无弹簧 H1/H2	主轴维度	齿轮比数	主轴端外径	最大功率	刀盘最大直径	重量 Weight
KF-A70	2000rpm	U/D	2/3	F	H1/H2	ISO 50#	1:1	ϕ128.5	38kw	ϕ200mm	110kg

KF-A90 90°深镗铣头　KF-A90 UNIVERSAL HEAD



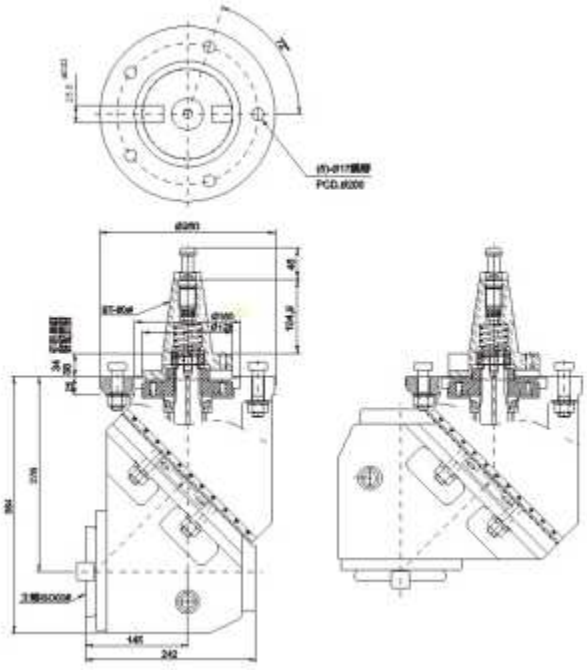


型号 Model	最高转速 Max speed	凸出 / 凹下 U/D	盘径 ϕ250/ϕ300	连接盘 (F)	刀杆含弹簧 / 无弹簧 H1/H2	主轴维度	齿轮比数	主轴端外径	最大功率	刀盘最大直径	重量 Weight
KF-A90	2000rpm	U/D	2/3	F	H1/H2	ISO 50#	1:1	ϕ128.5	38kw	ϕ200mm	120kg

高精度角度铣头 HIGH PRECISION ANGLE HEAD

KF-U45 45°万向铣头 KF-U45 UNIVERSAL HEAD

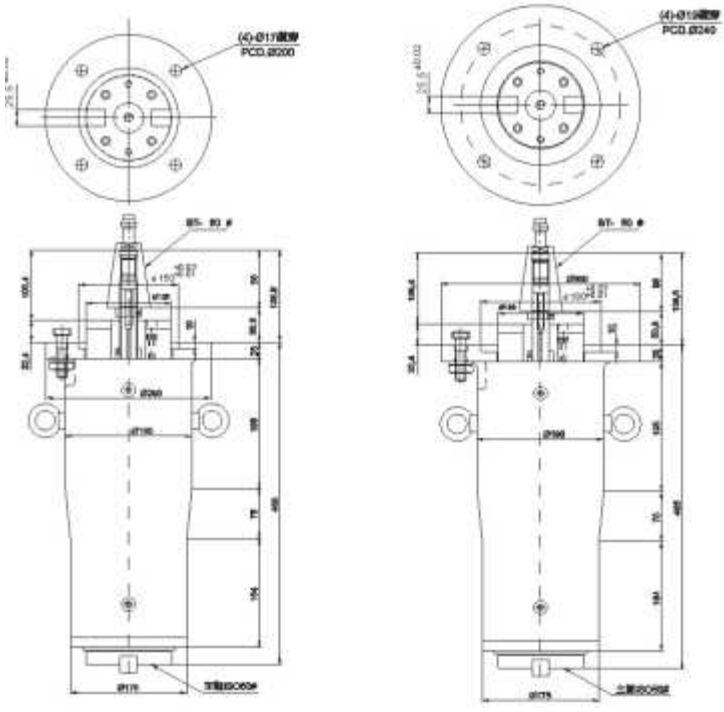




型号 Model	最高转速 Max speed	凸出 / 凹下 U/D	盘径 φ250/φ300	连接盘 (F)	刀杆含弹簧 / 无弹簧 H1/H2	主轴维度	齿轮比数	主轴端外径	最大功率	刀盘最大直径	重量 Weight
KF-U45	1200-2000rpm	U/D	2/3	F	H1/H2	ISO 50#	1:1	φ128.5	38kw	φ200mm	110kg

KF-A75 延伸头 KF-A75 EXTEND HEAD

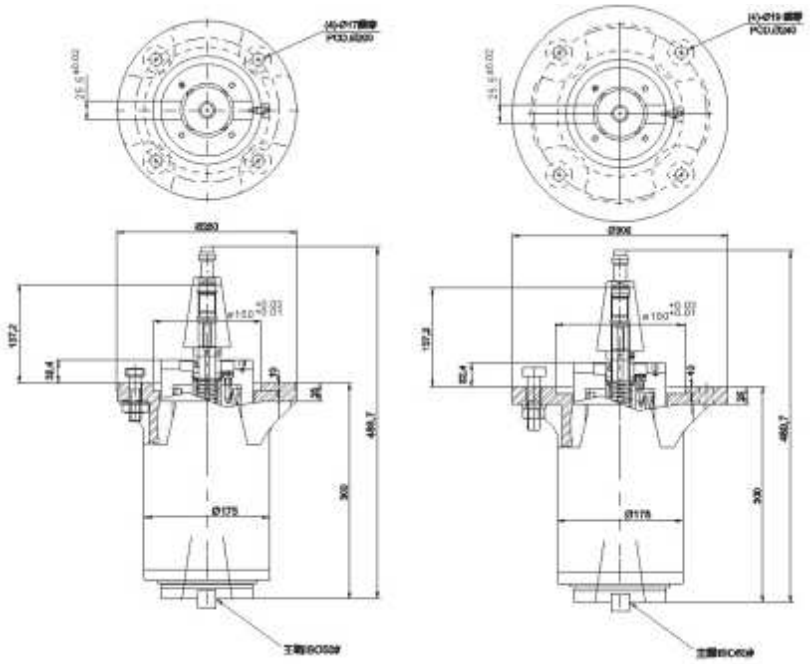




型号 Model	最高转速 Max speed	凸出 / 凹下 U/D	盘径 φ250/φ300	连接盘 (F)	运动打刀 (T)	主轴维度	齿轮比数	主轴端外径	最大功率	刀盘最大直径	重量 Weight
KF-A75	2000rpm	U/D	2/3	F	T	ISO 50#	1:1	φ128.5	38kw	φ200mm	60kg

KF-A65 小型延伸头　KF-A65 EXTEND HEAD

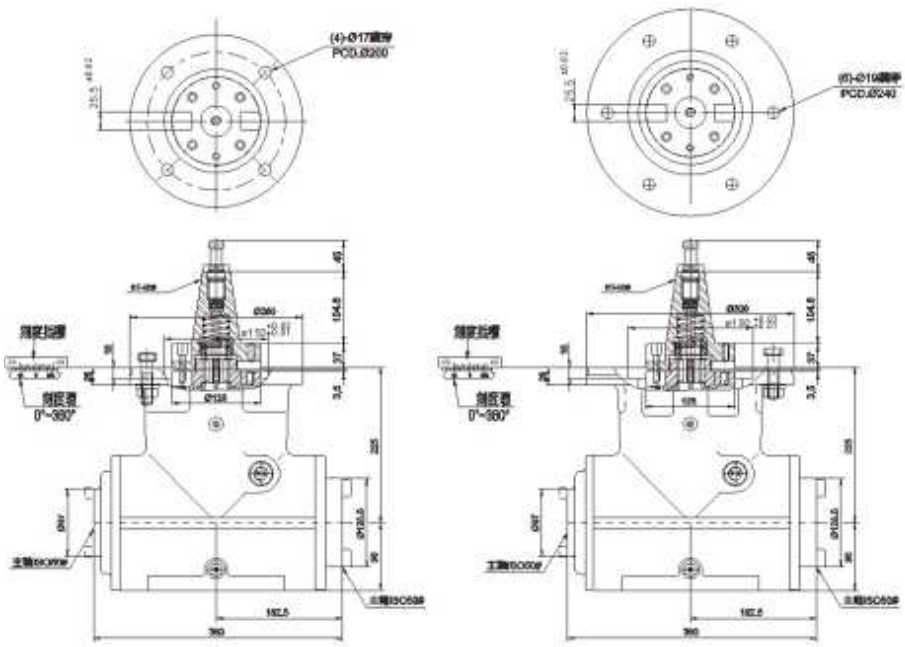




型号 Model	最高转速 Max speed	凸出 / 凹下 U/D	盘径 ϕ250/ϕ300	连接盘 (F)	运动打刀 (T)	主轴维度	齿轮比数	主轴端外径	最大功率	刀盘最大直径	重量 Weight
KF-A65	2000rpm	U/D	2/3	F	T	ISO 50#	1:1	ϕ128.5	38kw	ϕ200mm	50kg

KF-A79 双向铣头　KF-A79 DOUBLE SPINDLE ANGLE HEAD

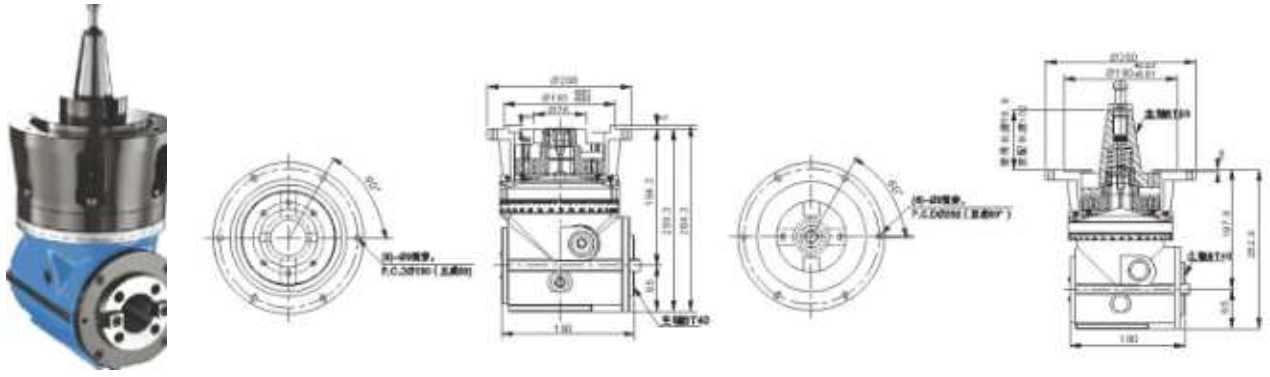




型号 Model	最高转速 Max speed	凸出 / 凹下 U/D	盘径 ϕ250/ϕ300	连接盘 (F)	刀杆含弹簧 / 无弹簧 H1/H2	主轴维度	齿轮比数	主轴端外径	最大功率	刀盘最大直径	重量 Weight
KF-A79	2000rpm	U/D	2/3	F	H1/H2	ISO 50#	1:1	ϕ128.5	38kw	ϕ200mm	90kg

高精度角度铣头 HIGH PRECISION ANGLE HEAD

KF-A77 小型 90°铣头 KF-A77 SMALL ANGLE HEAD



型号 Model	最高转速 Max speed	盘径	连接盘	刀柄 BT40/BT50	主轴维度	齿轮比数	主轴端外径	最大功率	刀盘最大直径	重量 Weight
KF-A79	2000rpm	ϕ188	F	H4/H5	ISO 40#	1:1	ϕ88	22kw	ϕ120mm	30kg

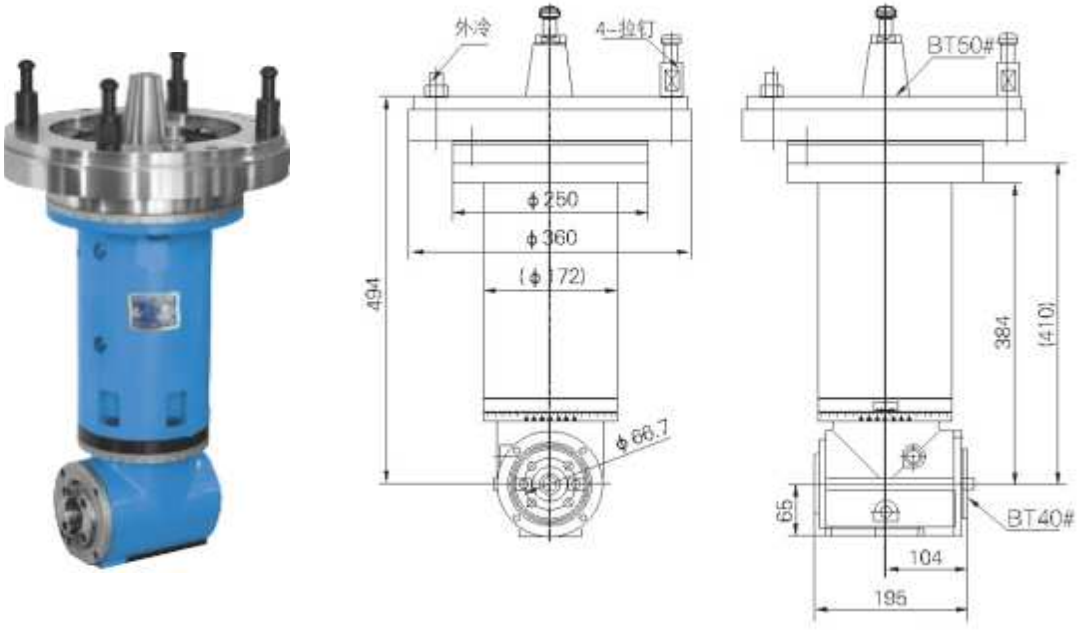
备注:

◎小型加工中心机适用此头 BT40 和 BT50 主轴皆可用

Features:

◎ This product only accepts flanges or other.
◎ The output is in the same direction as the spindle drive shank.

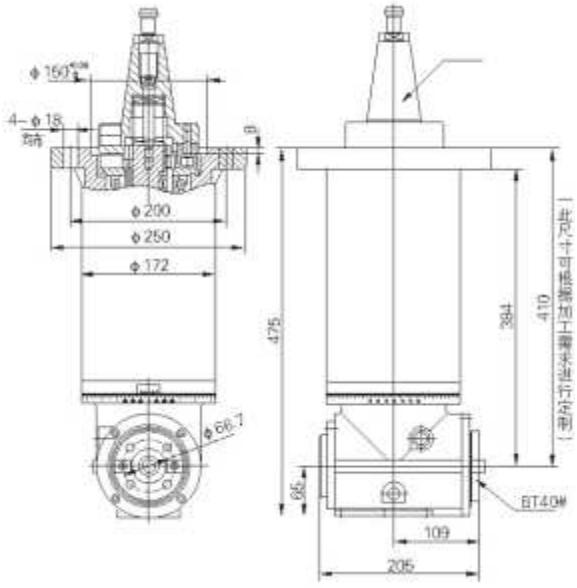
KF-D75B 延伸头铣头 KF-D75B EXTENDED MILLING HEAD



型号 Model	输出 Output	功率 Power	最高转速 MAX speed	最高扭转 MAX Torque	刀盘直径	减速比 Reduction ratio
KF-D75B	BT40	22kw	2000rpm	700nm	120mm	1：1

KF-D75 延伸头铣头　KF-D75 EXTENDED MILLING HEAD

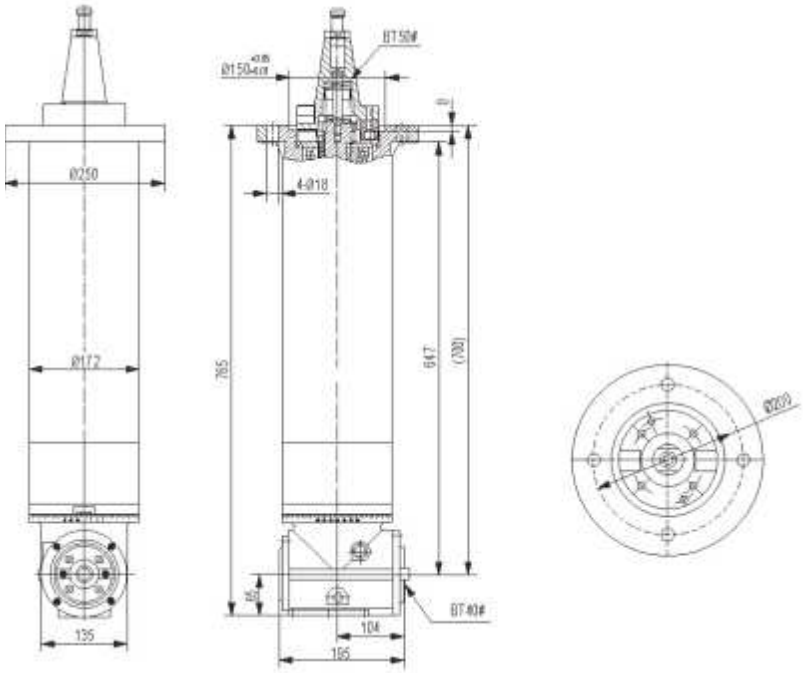




型号 Model	输出 Output	功率 Power	最高转速 Max speed	最高扭矩 Max torque	刀盘直径	减速比 Reduction ratio
KF-D75	BT40	22kw	2000rpm	700nm	120mm	1：1

KF-D78 延伸头铣头　KF-D78 EXTENDED MILLING HEAD





型号 Model	输出 Output	功率 Power	最高转速 Max speed	最高扭矩 Max torque	刀盘直径	减速比 Reduction ratio
KF-D78	BT40	22kw	2000rpm	700nm	120mm	1：1

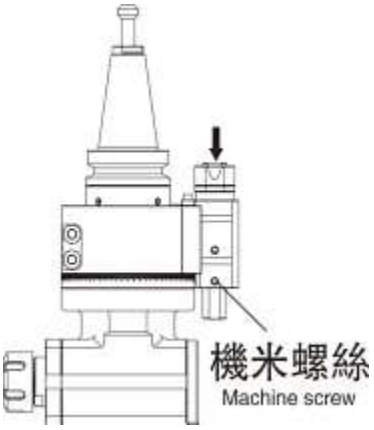
高精度角度铣头 HIGH PRECISION ANGLE HEAD

角度头固定块安装 INSTALLATION OF FIXING BLOCK OF THE ANGLE MILLING HEAD



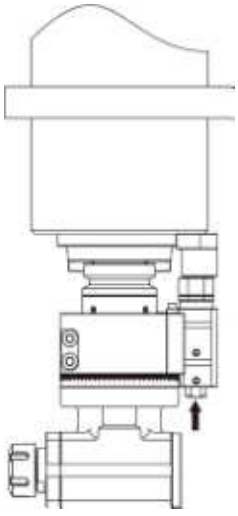
1、取下主轴上两个螺栓，从包装箱中取出固定块，更换较长的螺栓把固定块安装紧固在主轴上。

1. Remove the two bolts on the spindle, take out the fixing block from the packing box, replace the longer bolts to install and fasten the fixing block to the main shaft.



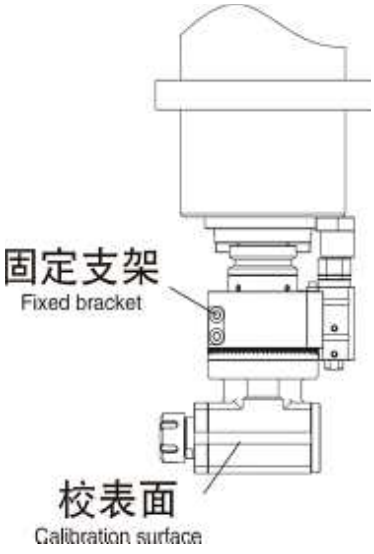
2、从包装箱中取出角度铣头并安装上跟主轴匹配的拉钉，松开固定支架上的机米螺丝，下压定位销。

2. Take out the angle milling head from the packing box and install the pull stud which matches the spindle, loosen the machine screws on the fixing bracket, and press down the positioning pin.



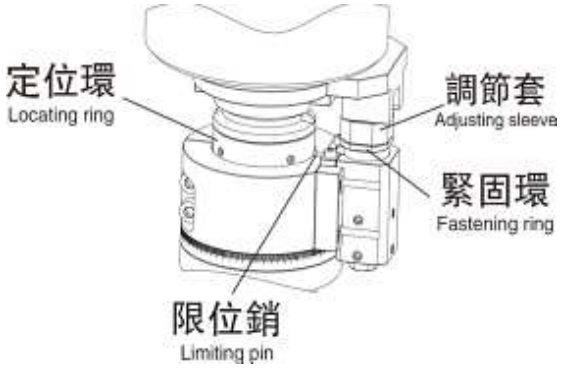
3、把角度铣头安装在主轴上，定位销对准固定块凹槽，上压定位销使定位销与固定块贴紧，锁紧机米螺丝。

3. Install the angle milling head to the spindle, align the positioning pin with the groove of the fixing block, press the positioning pin up to make the positioning pin and the fixing block closely together, and tighten the set screws.



4、松开固定支架上的紧固螺栓，大致旋转角度头本体到所需加工的角度，用测表校正表位。锁紧紧固螺栓。

4. Loosen the fastening bolts on the fixed bracket, rotate the angle head body approximately to the desired machining angle, and correct the position with a meter. Then tighten the fastening bolts.



5、旋转调节套使限位销下压避开定位环（注意需完全避开）。锁紧紧固环防止调节套下滑。旋转主轴使主轴回到零位（自动抓刀位置），锁紧主轴，松开定位环上机米螺丝，调节定位环使定位环凹槽于限位销对齐。锁紧机米螺丝。即可完成安装。

5. Rotate the adjusting sleeve to make the limiting pin pressed down to avoid the locating ring (note that it must be avoided completely). Lock the locating ring to prevent the adjusting sleeve from sliding down. Rotate the spindle to return it to the zero position (automatic gripping position), lock the spindle, loosen the set screws on the locating ring, and adjust the locating ring to align the groove of the locatinging ring with the limiting pin. Tighten the set screws to complete the installation.



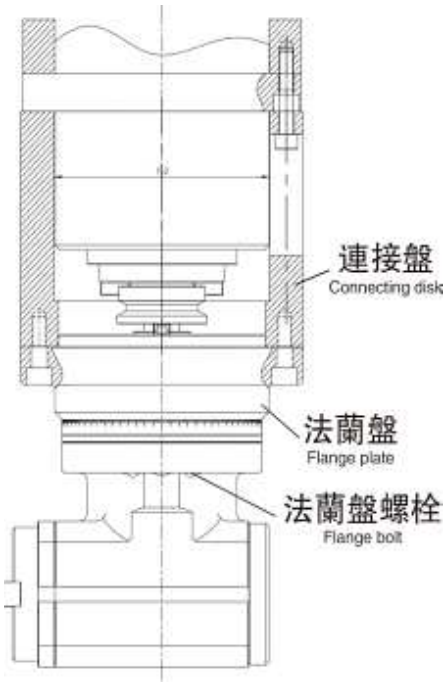
6、如图所示，角度铣头为万能铣头时，安装步骤前半部分跟以上一致，调节 A 轴角度时需松开紧固螺栓，调节回转头角度并校表，校表完成后锁紧紧固螺栓，即安装完成。

6. As shown in the figure, if the angle milling head is a universal milling head, the first half of the installation procedure is the same with above. When adjusting the A-axis angle, you need to loosen the fastening bolts, adjust the angle of the rotary head and calibrate with a meter, and tighten the bolts after calibration, then the installation is completed.

角度头法兰盘安装 FLANGE INSTALLATION OF THE ANGLE MILLING HEAD

法兰盘安装主要用于重量较重或者有效距离较长，需要高刚性加工的角度铣头安装使用。

Flange installation is mainly used for the installation of angle milling heads with bigger weight or longer effective distance and requiring high rigidity machining.



安装步骤：

1、取下主轴上的螺栓（最少 3 个，一般是 4 或 6 个）。
2、更换加长的螺栓把连接盘紧固在主轴上。
3、用螺栓通过法兰盘把角度铣头紧固在连接盘上。
4、松开法兰盘螺栓（不得完全松开，仅需适当松开即可）转动角度铣头本体到所需加工的角度校正校表位。
5、锁紧法兰盘螺栓即可完成安装。

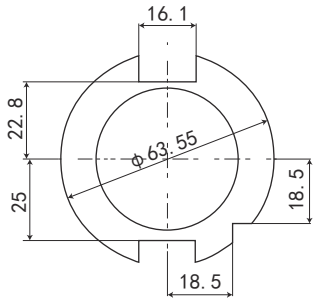
installation steps:

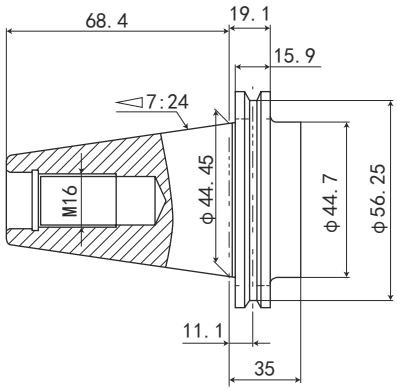
1. Remove the bolts on the spindle (minimum 3, generally 4 or 6).
2. Replace the extended bolts to fasten the connecting disc to the main shaft.
3. Use bolts to fasten the angle milling head to the connecting plate through the flange.
4. Loosen the flange bolts (not completely loosened, just need to be loosened properly) and turn the body of the angle milling head to the required angle, and calibrate the position.
5. Tighten the flange bolts to complete the installation.

锥柄形式

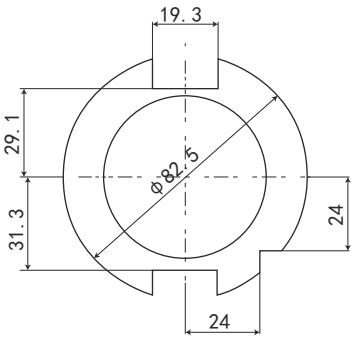
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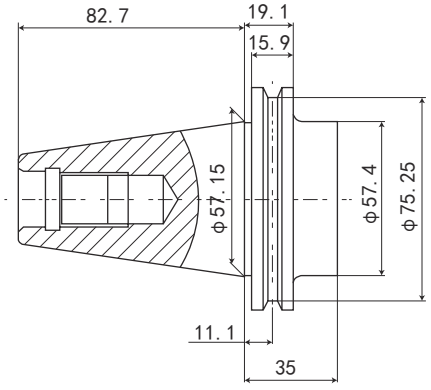
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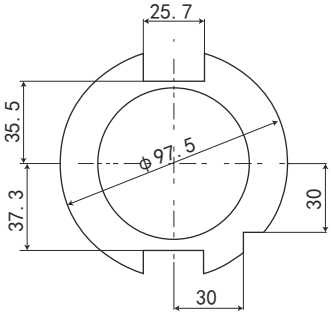


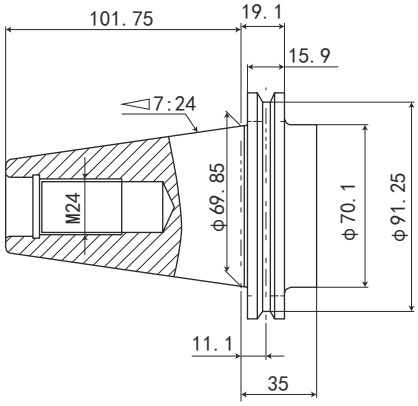
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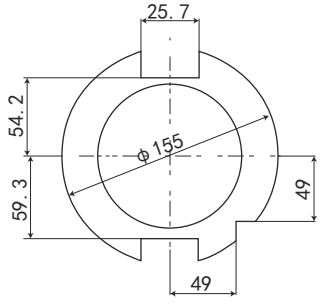


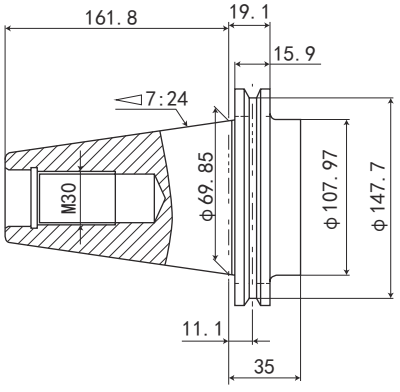
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SK/DAT60
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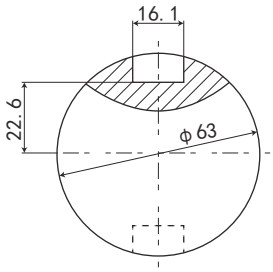


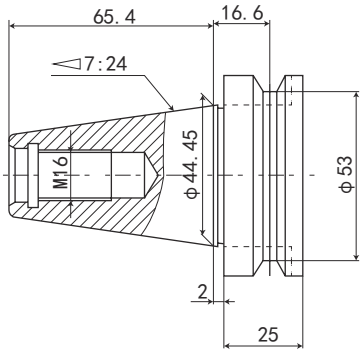


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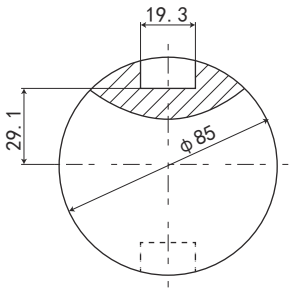
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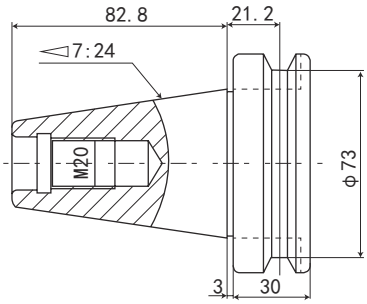
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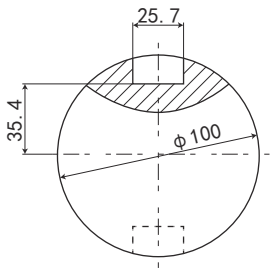


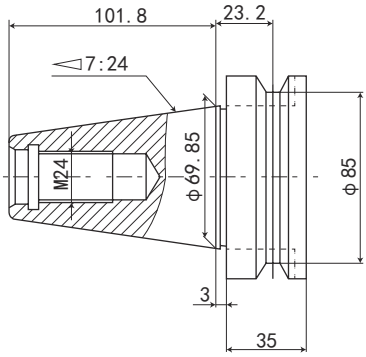
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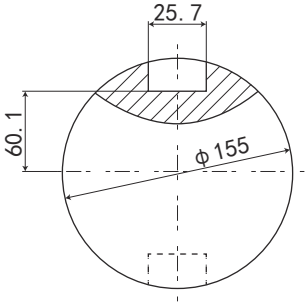


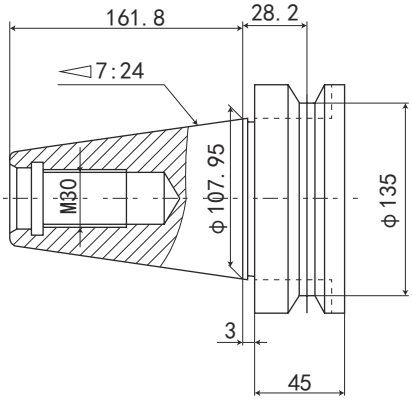
BT50
50 柄





BT60
60 柄





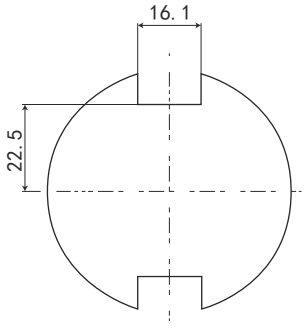
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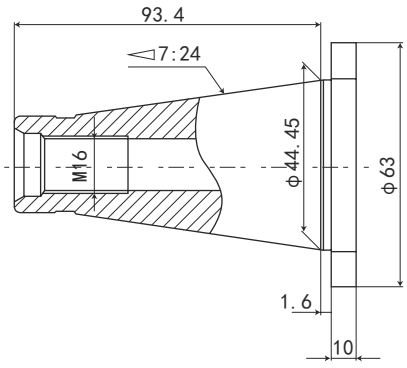
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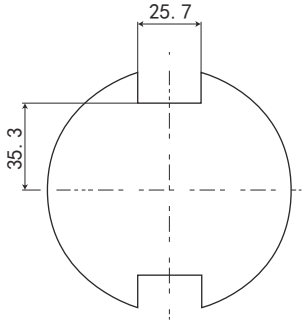
中国 GB3837
德国 DIN2080

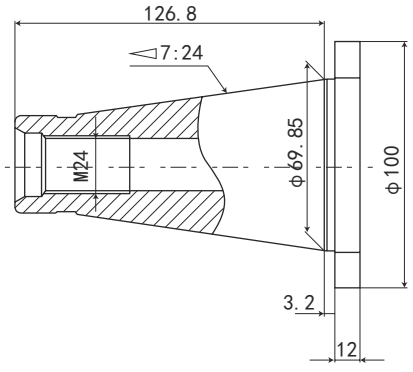
NT/ST40
40 柄



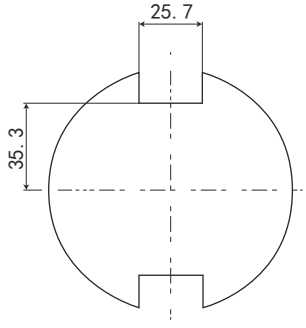


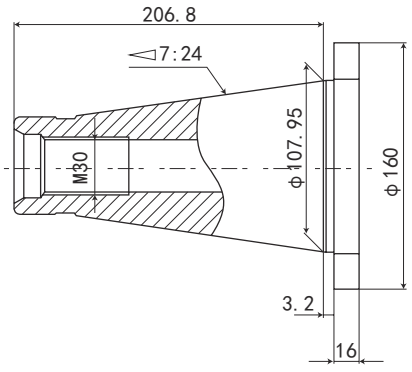
NT/ST50
50 柄





NT/ST60
60 柄

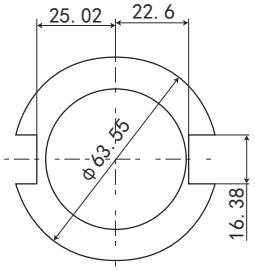


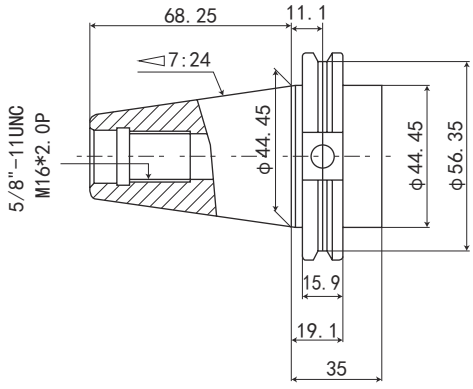


锥柄形式

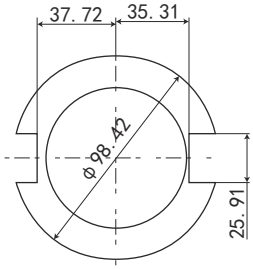
美国 ANSI B5.59CAT

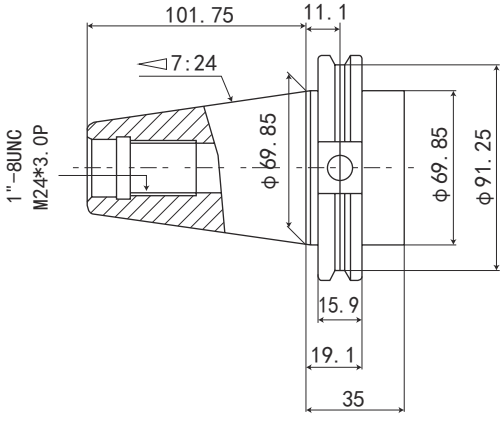
CAT40
40 柄



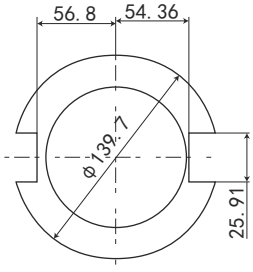


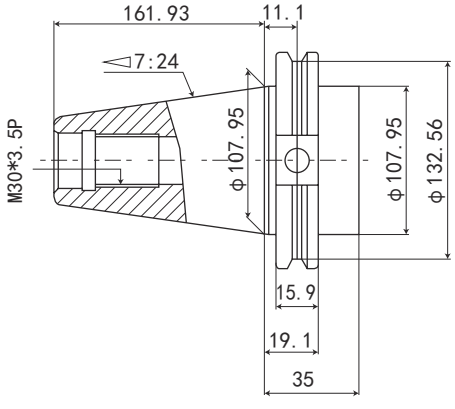
CAT50
50 柄





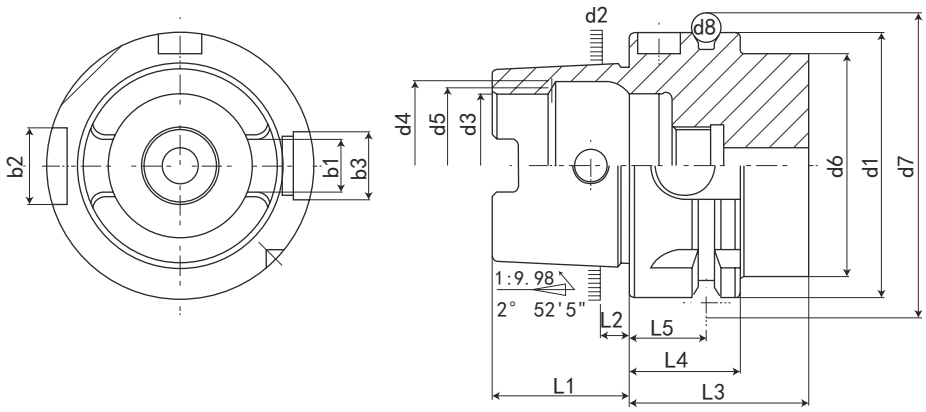
CAT60
60 柄





HSK-A（DIN69893-5） HSK-A(DIN69893-5)

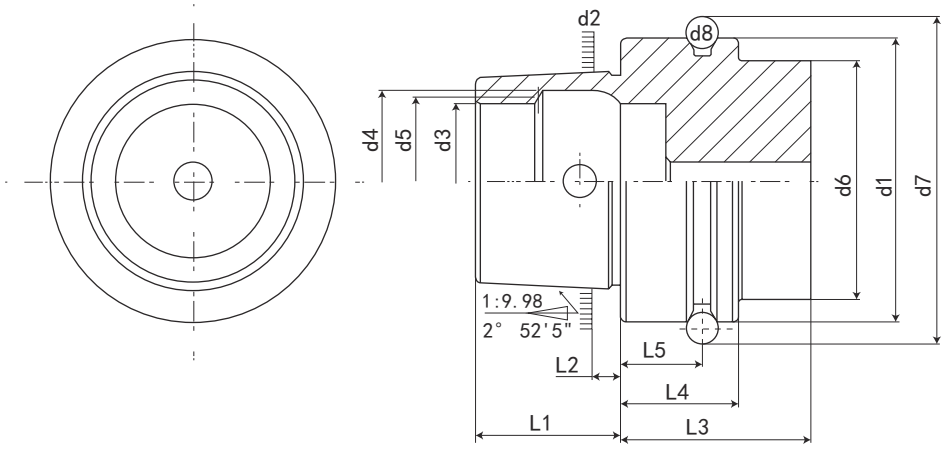
DIN 69893A



规格 / 型号 Model	d1 h10	d2	d3 H10	d4 H11	d5	d6 Max.	d7 0 -0.1	d8	L1 0 -0.2	L2	L3 Min.	L4 0 -0.1	L5 ±0.1	b1 ±0.04	b2 H10	b3 H10
HSK32A	32	24.007	17	20.5	19	26	37	4	16	3.2	35	20	16	7.05	7	9
HSK40A	40	30.007	21	25.5	23	34	45	4	20	4	35	20	16	8.05	9	9
HSK50A	50	38.009	26	32	29	42	59.3	7	25	5	42	26	18	10.54	12	12
HSK63A	63	48.010	34	40	37	53	72.3	7	32	6.3	42	26	18	12.54	16	16
HSK100A	100	75.013	53	63	58	88	109.75	7	50	10	45	29	20	20.02	20	20

HSK-E（DIN69893-5） HSK-E(DIN69893-5)

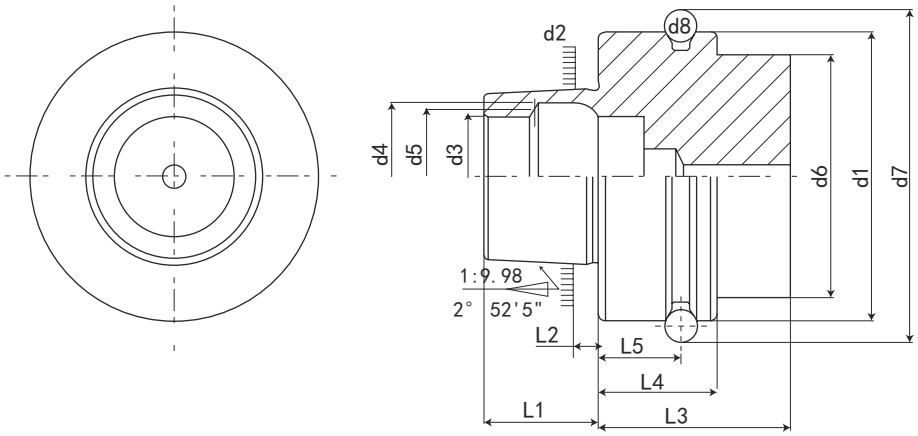
DIN 69893E



规格 / 型号 Model	d1 h10	d2	d3 H10	d4 H11	d5	d6 Max.	d7 0 -0.1	d8	L1 0 -0.2	L2	L3 Min.	L4 0 -0.1	L5 ±0.1
HSK25E	25	19	14	16.4	15	20	28.5	2	13	2.5	20	10	4.5
HSK32E	32	24	17	21	19	26	37	3	16	3.2	35	20	16
HSK40E	40	30	21	25.5	23	34	45	4	20	4	35	20	16
HSK50E	50	38	26	32	29	42	59.3	7	25	5	42	26	18
HSK63E	63	48	34	40	37	53	72.3	7	32	6.3	42	26	18

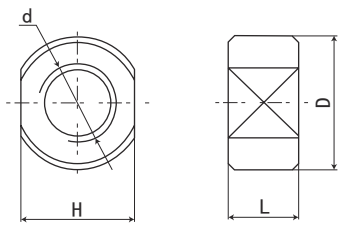
HSK-F（DIN69893-6）

DIN 69893F

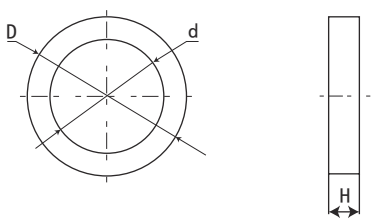


规格 / 型号 Model	d1 h10	d2	d3 H10	d4 H11	d5	d6 Max.	d7 0 -0.1	d8	L1 0 -0.2	L2	L3 Min.	L4 0 -0.1	L5 ±0.1
HSK50F	50	30.007	21	25.5	23	42	59.3	7	20	4	42	26	18
HSK63F	63	38.009	26	32	29	53	72.3	7	25	5	42	26	18

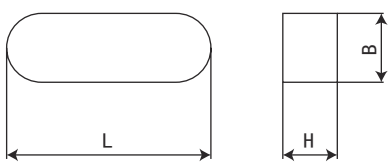
三面刃铣刀刀柄附件



规格 / 型号 Model	d	D	L	H
XN14	M14	26	12	23
XN20	M20	34	18	29
XN24	M24	40	21	32
XN30	M30	46	26	41
XN36	M36	55	32	46

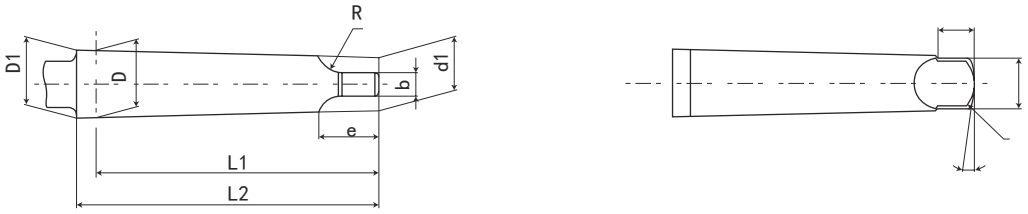


规格 / 型号 Model	d	D	H
XD16	19	26	3/5/7/8/10/12
XD22	25	34	
XD27	31	40	
XD32	37	46	
XD40	45	55	



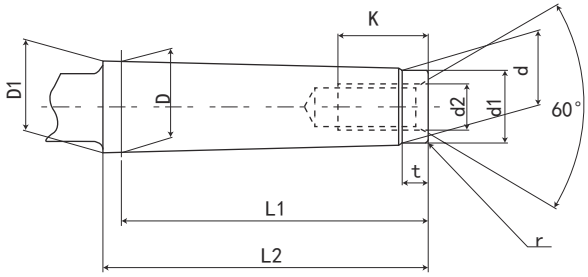
规格 / 型号 Model	B	H	L
XJ04020	4	4	20
XJ06020	6	6	20
XJ07022	7	7	22
XJ08022	8	7	22
XJ10025	10	8	25

MTA 有扁尾莫氏锥柄 (DIN228-A) MTA MORSE TAPER SHANK DIMENSIONS(TONGUE TYPE)



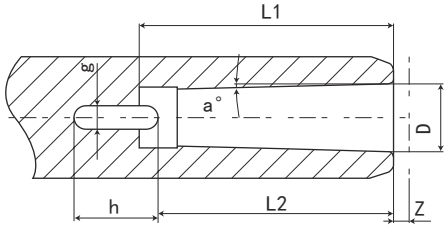
锥度号 MTA.NO	D	D1	d1	d2	L1	L2	b	c	e	R	r	对应钻头直径
MTA0	9.045	9.201	6.104	6	56.5	59.5	3.9	6.5	10.5	4	1	-
MTA1	12.065	12.240	8.972	8.7	62.0	65.5	5.2	8.5	13.5	5	1.2	3.00-14.00
MTA2	17.780	18.030	14.034	13.5	75.0	80.0	6.3	10.0	16.0	6	1.6	14.00-23.00
MTA3	23.825	24.076	19.107	18.5	94.0	99.0	7.9	13.0	20.0	7	2	23.00-32.00
MTA4	31.267	31.605	25.164	24.5	117.5	124.0	11.9	16.0	24.0	8	2.5	32.00-50.00
MTA5	44.399	44.741	36.531	35.7	149.5	156.0	15.9	19.0	29.0	10	3	50.00-75.00
MTA6	63.348	63.765	52.399	51.0	210.0	218.0	19.0	27.0	40.0	13	4	75.00-100.00
MTA7	83.058	83.578	68.185	66.8	286.0	296.0	28.6	35.0	54.0	19	5	-

MTB 后拉式莫氏锥柄 (DIN228-B) MTB MORSE TAPER SHANK DIMENSIONS(DRAWING THREAD TYPE)



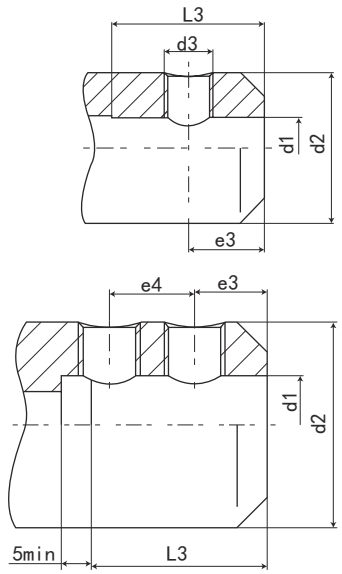
锥 度 号 MTB. NO	D	D1	d	d1	L1	L2	t	r	d2	k	对应铣刀直径范围 (mm)
MT0	9.045	9.201	6.442	6	50	53	4	0.2	-	-	-
MT1	12.065	12.240	9.396	9	53.5	57	5	0.2	M6	16	6.00-12.00
MT2	17.780	18.030	14.583	14	64	69	5	0.2	M10	24	14.00-20.00
MT3	23.825	24.076	19.759	19	81	86	7	0.6	M12	28	22.00-36.00
MT4	31.267	31.605	25.943	25	102.5	109	9	1.0	M16	32	32.00-56.00
MT5	44.399	44.741	37.584	25.7	129.5	136	9	2.5	M20	40	40.00-63.00
MT6	63.348	63.765	53.859	51	182	190	12	4.0	M24	50	-
MT7	83.058	83.578	70.052	65	250	260	18.5	5.0	M33	60	-

扁尾型莫氏锥柄连接尺寸 (DIN228-D) TECHNICAL INFORMATION OF MT. SHANK DIN 228 A & B



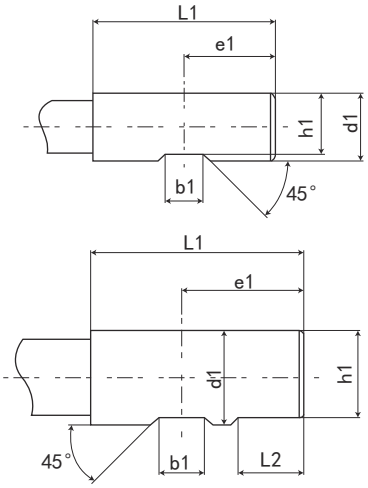
锥度号 MT.NO	锥度		锥角 (a°)	D	L1(min)	L2	g	h	z	对应钻头直径范围 (mm)
MT0	1/19.212	0.05205	1° 29'27"	9.045	52	49	4.1	15	1	-
MT1	1/20.047	0.04988	1° 25'43"	12.065	56	52	5.4	19	1	3.00-14.00
MT2	1/20.020	0.04995	1° 25'50"	17.780	67	62	6.6	22	1	14.00-23.00
MT3	1/19.922	0.05020	1° 26'16"	23.825	84	78	8.2	27	1	23.00-32.00
MT4	1/19.254	0.05194	1° 29'15"	31.267	107	98	12.2	32	1.5	32.00-50.00
MT5	1/19.002	0.05263	1° 30'26"	44.399	135	125	16.2	38	1.5	50.00-75.00
MT6	1/19.180	0.05214	1° 29'36"	63.348	188	177	19.3	47	2	75.00-100.00
MT7	1/19.231	0.05200	1° 29'22"	83.058	258	241	28.8	69	2	-

削平型刀具接口形式（DIN1835-B） INTERFACE OF LATERAL SHANK TOOLS



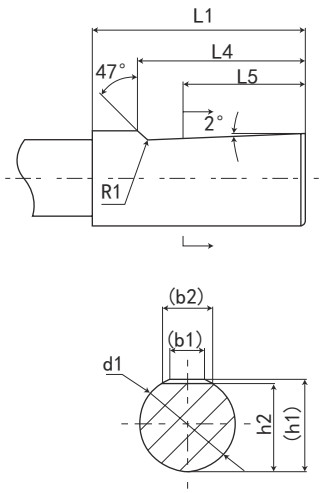
d1(H5)	d2(0-1)	d3(6H)	e3(0-1)	e4(±0.5)	L3(±1)
6	25	M6	18	-	35
8	28	M8	18	-	35
10	35	M10	20	-	39
12	42	M12	22.5	-	44
14	44	M12	22.5	-	44
16	48	M14	24	-	47
18	50	M14	24	-	47
20	52	M16	25	-	49
25	65	M18*2	24	25	54
32	72	M18*2	24	28	58

削平型刀具形式（DIN1835-B） INTERFACE OF LATERAL SHANK TOOLS



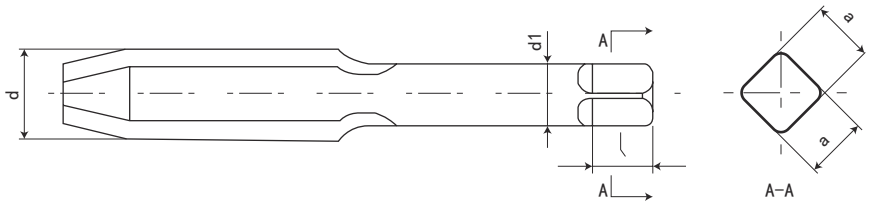
d1(h6)	L1(+2 0)	b1(+0.05 0)	L2(+1 0)	e1(0-1)	h1(h11)
6	36	4.2	-	18.0	5.1
8	36	5.5	-	18.0	6.9
10	40	7.0	-	20.0	8.5
12	45	8.0	-	22.5	10.4
14	45	8.0	-	22.5	12.7
16	48	10.0	-	24.0	14.2
18	48	10.0	-	24.0	16.2
20	50	11.0	-	25.0	18.2
25	56	12.0	17	32.0	23.0
32	60	14.0	19	35.0	30.0

斜削平型刀具形式（DIN1835-E） INTERFACE OF LATERAL SHANK TOOLS(INCLINED)



d1(h6)	(b1) ≈	(b2)	(h1)	h2 (h13)	L1(+2 0)	L4(0 -1)	L5	R1 min
6	3.5	4.8	5.4	4.8	36	25	18	1.2
8	4.7	6.1	7.2	6.6	36	25	18	1.2
10	5.7	7.3	9.1	8.4	40	28	20	1.2
12	6.0	8.2	11.2	10.4	45	33	22.5	1.2
16	7.6	10.1	15.0	14.2	48	36	24	1.6
20	8.4	11.5	19.1	18.2	50	38	25	1.6
25	9.3	13.6	24.1	23.0	56	44	32	1.6
32	9.9	15.5	31.2	30.0	60	48	35	1.6

丝锥标准形式 TAP SCREW BLANK SYSTEM



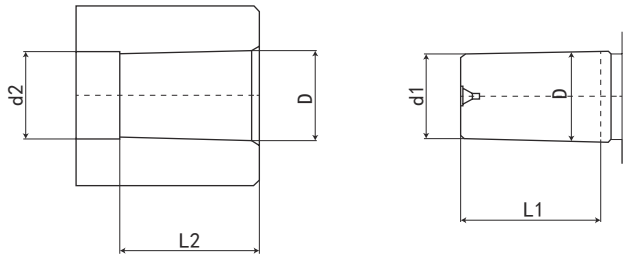
公制	美制	英制	JIS		ISO		DIN371		DIN376		英制工作
			直径	四角	直径	四角	直径	四角	直径	四角	直径 d1
			d1	axa	d1	axa	d1	axa	d1	axa	
M3		W1/8	4	3.2	3.15	2.5	3.5	2.7	2.2		3.18
M4/M4.5		W5/32	5	4	4	3.15	4.5	3.4	2.8	2.1	3.97
M5/M5.5		W3/16	5.5	4.5	5	4	6	4.9	3.5	2.7	4.76
M6	U1/4	W1/4	6	4.5	6.3	5	6	4.9	4.5	3.4	6.35
	U5/16	W5/16	6.1	5.5							7.94
M8/M7			6.2	5	6.3	5	8	6.2	6	4.9	
M10/M9	U3/8	W3/8	7	5.5	8	6.3		8	7	5.5	9.52
M11	U7/16	W7/16	8	6							11.11
M12			8.5	6.5	9	7.1			9	7	
	U1/2	W1/2	9	7							12.7
M14/M15	U9/16	W9/16	10.5	8	11.2	9			11	9	14.28
	U5/8	W5/8	12	9							15.88
M16			12.5	10	12.5	10			12	9	
M17			13	10							
M18	U3/4	W3/4	14	11	14	11.2			14	11	19.05
M20			15	12	14	11.2			16	12	
M22	U7/8	W7/8	17	13	16	12.5			18	14.5	22.22
M24/M25			19	15	18	14			18	14.5	
M25/M26	U1	W1	20	15							25.4
M27			20	15	20	16			20	16	
M28			21	17							
	U1 1/8	W1 1/8	22	17							28.58
M30			23	17	20	16			22	18	
M32	U1 1/4	W1 1/4	24	19							31.75
M33			25	19	22.4	18					
M34/M35	U1 3/8	W1 3/8	26	21							34.93
M36			28	21	25	20					
M39/M40	U1 1/2	W1 1/2	30	23							38.1
M42		W1 5/8	32	26	28	22.4					41.28
M45	U1 3/4	W1 3/4	35	26							44.45
M48		W1 7/8	38	29	31.5	25					47.63

根据螺纹尺寸推荐的钻头直径 DRILL DIAMETERS FOR TAPPING

螺纹直径	钻头直径 mm	螺距 mm	螺纹直径	钻头直径 mm	螺距 TPI*	螺纹直径	钻头直径 mm	螺距 TPI*
M 公制粗牙螺纹			UNF 美制统一细牙螺纹			Rc 英制圆锥管螺纹		
M4*0.7P	3.30	0.7	UNF NO.6	3.00	40	Rc 1/8"	8.40	28
M4.5*0.75P	3.70	0.75	UNF NO.8	3.50	36	Rc 1/4"	11.20	19
M5*0.8P	4.20	0.8	UNF NO.10	4.10	32	Rc 3/8"	14.75	19
M6*1P	5.00	1	UNF NO.12	4.65	28	Rc 1/2"	18.25	14
M7*1P	6.00	1	UNF 1/4"	5.50	28	Rc 3/4"	23.75	14
M8*1.25P	6.80	1.25	UNF 5/16"	6.90	24	Rc 1"	30.00	11
M9*1.25P	7.80	1.25	UNF 3/8"	8.50	24	G 英制圆柱管螺纹		
M10*1.5P	8.50	1.5	UNF 7/16"	9.90	20	G 1/8"	8.80	28
M11*1.5P	9.50	1.5	UNF 1/2"	11.50	20	G 1/4"	11.80	19
M12*1.75P	10.20	1.75	UNF 9/16"	12.90	18	G 3/8"	15.25	19
M14*2P	12.00	2	UNF 5/8"	14.50	18	G 1/2"	19.00	14
M16*2P	14.00	2	UNF 3/4"	17.50	16	G 5/8"	21.00	14
M18*2.5P	15.50	2.5	UNF 7/8"	20.50	14	G 3/4"	24.50	14
M20*2.5P	17.50	2.5	UNF 1"	23.25	12	G 7/8"	28.25	14
M22*2.5P	19.50	2.5	UNF 1 1/8"	26.50	12	G 1"	30.75	11
M24*3P	21.00	3	UNF 1 1/4"	29.75	12	G 11/4"	39.50	11
M27*3P	24.00	3	UNF 1 3/8"	33.00	12	G 11/2"	45.50	11
M30*3.5P	26.50	3.5	UNF 1 1/2"	36.00	12	G 13/4"	51.40	11
M33*3.5P	29.50	3.5				G 2"	57.20	11
M36*4P	32.00	4	UNC 美制统一粗牙螺纹			NPT60°全牙形锥管螺纹		
M39*4P	35.00	4	UNF NO.6	2.85	32	NPT 1/16"	6.10	27
M42*4.5P	37.50	4.5	UNF NO.8	3.50	32	NPT 1/8"	8.50	27
M45*4.5P	40.50	4.5	UNF NO.10	3.90	24	NPT 1/4"	11.00	18
M48*5P	43.00	5	UNF NO.12	4.50	24	NPT 3/8"	14.50	18
M52*5P	47.00	5	UNF 1/4"	5.20	20	NPT 1/2"	17.80	14
			UNF 5/16"	6.60	18	NPT 3/4"	23.00	14
M 公制挤压螺纹			UNF 3/8"	8.00	16	NPT 1"	29.00	11 1/2
M4*0.7P	3.70	0.7	UNF 7/16"	9.40	14	NPT 11/4"	37.50	11 1/2
M5*0.8P	4.63	0.8	UNF 1/2"	10.75	13	NPT 11/2"	44.00	11 1/2
M6*1P	5.50	1	UNF 9/16"	12.25	12	NPT 2"	56.00	11 1/2
M7*1P	6.51	1	UNF 5/8"	13.50	11	NPTF60°全牙形锥管螺纹		
M8*1.25P	7.40	1.25	UNF 3/4"	16.50	10	NPTF 1/16"	6.00	27
M10*1.5P	9.25	1.5	UNF 7/8"	19.50	9	NPTF 1/8"	8.40	27
M12*1.75P	11.12	1.75	UNF 1"	22.25	8	NPTF 1/4"	10.90	18
M14*2P	13.00	2	UNF 1 1/8"	25.00	7	NPTF 3/8"	14.25	18
M16*2P	15.00	2	UNF 1 1/4"	28.25	7	NPTF 1/2"	17.75	14
			UNF 1 3/8"	31.00	6	NPTF 3/4"	23.00	14
			UNF 1 1/2"	34.00	6	NPTF 1"	29.00	11 1/2
M 公制细牙螺纹			UNF 1 3/4"	39.50	5	NPTF 11/4"	37.75	11 1/2
钻头直径 = 丝锥直径 - 螺距			UNF 2"	45.25	4 1/2	NPTF 11/2"	43.75	11 1/2
						NPTF 2"	55.75	11 1/2

*TPI= 每英寸螺纹扣数

直柄钻头夹头规格 TECHNICAL INFORMATION OF J.T. SHANK ISO R239-1961



斜度 NO.	斜度	D	d1	L1	d2	L2
JT0	0.04932	6.350	5.802	11.112	5.802	11.112
JT1	0.07709	9.754	8.469	16.669	8.469	16.669
JT2short	0.08157	13.940	12.386	19.050	12.386	19.050
JT2	0.08157	14.199	12.386	22.225	12.386	22.225
JT33	0.06350	15.850	14.237	25.400	14.237	25.400
JT6	0.05189	17.170	15.852	25.400	15.852	25.400
JT3	0.05324	20.5000	18.951	30.956	18.951	30.956

TYPE	/2TAPER	D	d1	L1
B12	1° 25 ' 43 "	12.065	11.1	18.5
B16	1° 25 ' 50 "	15.733	14.5	24.0
B18	1° 25 ' 50 "	17.780	16.2	32.0

螺纹底孔尺寸表 DRILL DIAMETERS FOR TAPPING

公制粗牙螺丝 Metric coarse screw thread

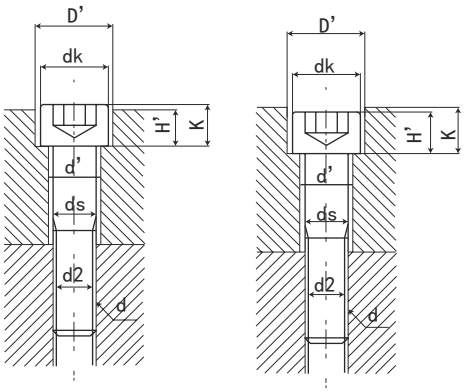
螺丝尺寸 Nominal	钻直径 Drilldiameter	螺丝尺寸 Nominal	钻直径 Drilldiameter	螺丝尺寸 Nominal	钻直径 Drilldiameter	螺丝尺寸 Nominal	钻直径 Drilldiameter
M1×0.25	0.75	M2.5×0.45	2.10	M9×1.25	7.80	M27×3	24.0
M1.1×0.25	0.85	M2.6×0.45	2.20	M10×1.5	8.50	M30×3.5	26.5
M1.2×0.25	0.95	M3×0.5	2.50	M11×1.5	9.50	M33×3.5	29.5
M1.4×0.3	1.10	M3.5×0.6	2.90	M12×1.75	10.3	M36×4	32.0
M1.6×0.35	1.25	M4×0.7	3.30	M14×2	12.0	M39×4	35.0
M1.7×0.35	1.35	M4.5×0.75	3.80	M16×2	14.0	M42×4.5	37.5
M1.8×0.35	1.45	M5×0.8	4.20	M18×2.5	15.5	M45×4.5	40.5
M2×0.4	1.60	M6×1.0	5.00	M20×2.5	17.5	M48×5	43.0
M2.2×0.45	1.75	M7×1.0	6.00	M22×2.5	19.5		
M2.3×0.4	1.90	M8×1.25	6.80	M24×3	21.0		

公制细牙螺丝 Metric fine screw thread

螺丝尺寸 Nominal	钻直径 Drilldiameter	螺丝尺寸 Nominal	钻直径 Drilldiameter	螺丝尺寸 Nominal	钻直径 Drilldiameter	螺丝尺寸 Nominal	钻直径 Drilldiameter
M1×0.2	0.80	M11×0.75	10.3	M25×1.5	23.5	M39×1.5	37.5
M1.1×0.2	0.90	M12×1.5	10.5	M25×1.0	24.0	M40×3.0	37.0
M1.2×0.2	1.00	M12×1.25	10.8	M26×1.5	24.5	M40×2.0	38.0
M1.4×0.2	1.20	M12×1.0	11.0	M27×2.0	25.0	M40×1.5	38.5
M1.6×0.2	1.40	M14×1.5	12.5	M27×1.5	25.5	M42×4.0	38.0
M1.8×0.2	1.60	M14×1.0	13.0	M27×1.0	26.0	M42×3.0	39.0
M2×0.25	1.75	M15×1.5	13.5	M28×2.0	26.0	M42×2.0	40.0
M2.2×0.25	1.95	M15×1.0	14.0	M28×1.5	26.5	M42×1.5	40.5
M2.5×0.35	2.20	M16×1.5	14.5	M28×1.0	27.0	M45×4.0	41.0
M3×0.35	2.70	M16×1.0	15.0	M30×3.0	27.0	M45×3.0	42.0
M3.5×0.35	3.20	M17×1.5	15.5	M30×2.0	28.0	M45×2.0	43.0
M4×0.5	3.50	M17×1.0	16.0	M30×1.5	28.5	M45×1.5	43.5
M4.5×0.5	4.00	M18×2.0	16.0	M30×1.0	29.0	M48×4.0	44.0
M5×0.5	4.50	M18×1.5	16.5	M32×2.0	30.0	M48×3.0	45.0
M5.5×0.5	5.00	M18×1.0	17.0	M32×1.5	30.5	M48×2.0	46.0
M6×0.75	5.30	M20×2.0	18.0	M33×3.0	30.0	M48×1.5	46.5
M7×0.75	6.30	M20×1.5	18.5	M33×2.0	31.0	M50×3.0	47.0
M8×1.0	7.00	M20×1.0	19.0	M33×1.5	31.5	M50×2.0	48.0
M8×0.75	7.30	M22×2.0	20.0	M35×1.5	33.5	M50×1.5	48.5
M9×1.0	8.00	M22×1.5	20.5	M36×3.0	33.0		
M9×0.75	8.30	M22×1.0	21.0	M36×2.0	34.0		
M10×1.25	8.80	M24×2.0	22.0	M36×1.5	34.5		
M10×1.0	9.00	M24×1.5	22.5	M38×1.5	36.5		
M10×0.75	9.30	M24×1.0	23.0	M39×3.0	36.0		
M11×1.0	10.0	M25×2.0	23.0	M39×2.0	37.0		

对六角孔锪孔•螺栓孔尺寸表

DIMENSIONS OF COUNTERBORING FOR HEXAGON SOCKET HEAD CAP SCREW AND BOLT HOLE



螺丝尺寸 (d) Nominal dimensions of thread	ds	d '	dk	D '	k	H '	H "	d2
M3	3	3.4	5.5	6.5	3	2.7	3.3	2.6
M4	4	4.5	7	8	4	3.6	4.4	3.4
M5	5	5.5	8.5	9.5	5	4.6	5.4	4.3
M6	6	6.6	10	11	6	5.5	6.5	5.1
M8	8	9	13	14	8	7.4	8.6	6.9
M10	10	11	16	17.5	10	9.2	10.8	8.6
M12	12	14	18	20	12	11	13	10.4
M14	14	16	21	23	14	12.8	15.2	12.2
M16	16	18	24	26	16	14.5	17.5	14.2
M18	18	20	27	29	18	16.5	19.5	15.7
M20	20	22	30	32	20	18.5	21.5	17.7
M22	22	24	33	35	22	20.5	23.5	19.7
M24	24	26	36	39	24	22.5	25.5	21.2
M27	27	30	40	43	27	25	29	24.2
M30	30	33	45	48	30	28	32	26.7

常用嵌入轴的尺寸公差 DIMENSIONAL TOLERANCE FOR SHAFTS IN COMMON FITS

基本尺寸的区分（mm）classification of standard dimensions（mm）		轴公差范围的级别 Class of geometrical tolerance zone of shafts												
以上 Above	以下 Below	b9	c9	d8	d9	e7	e8	e9	f6	f7	f8	g5	g6	h5	h6
—	3	-140 -165	-60 -85	-20 -34	-20 -45	-14 -24	-14 -28	-14 -39	-6 -12	-6 -16	-6 -20	-2 -6	-2 -8	0 -4	0 -6
3	6	-140 -170	-70 -100	-30 -48	-30 -60	-20 -32	-20 -38	-20 -50	-10 -18	-10 -22	-10 -28	-4 -9	-4 -12	0 -5	0 -8
6	10	-150 -186	-80 -116	-40 -62	-40 -76	-25 -40	-25 -47	-25 -61	-13 -22	-13 -28	-13 -35	-5 -11	-5 -14	0 -6	0 -9
10	14	-150 -193	-95 -138	-50 -77	-50 -93	-32 -50	-32 -59	-32 -75	-16 -27	-16 -34	-16 -43	-6 -14	-6 -17	0 -8	0 -11
14	18														
18	24	-160 -212	-110 -162	-65 -98	-65 -117	-40 -61	-40 -73	-40 -92	-20 -33	-20 -41	-20 -53	-7 -16	-7 -20	0 -9	0 -13
24	30														
30	40	-170 -232	-120 -182	-80 -119	-80 -142	-50 -75	-50 -89	-50 -112	-25 -41	-25 -50	-25 -64	-9 20	-9 25	0 -11	0 -16
40	50	-180 -242	-130 -192												
50	65	-190 -264	-140 -210	-100 -146	-100 -174	-60 -90	-60 -106	-60 -134	-30 -49	-30 -60	-30 -76	-10 -23	-10 -29	0 -13	0 -19
65	80	-200 -274	-150 -224												
80	100	-220 -307	-170 -257	-120 -174	-120 -207	-72 -107	-72 -126	-72 -159	-36 -58	-36 -71	-36 -90	-12 -27	-12 -34	0 -15	0 -22
100	120	-240 -327	-180 -267												
120	140	-260 -360	-200 -300	-145 -208	-145 -245	-85 -125	-85 -148	-85 -185	-43 -68	-43 -83	-43 -106	-14 -32	-14 -39	0 -18	0 -25
140	160	-280 -380	-210 -310												
160	180	-310 -410	-230 -330												
180	200	-340 -455	-240 -355	-170 -242	-170 -285	-100 -172	-100 -215	-50 -79	-50 -96	-50 -122	-15 -35	-15 -35	-15 -44	0 -20	0 -29
200	225	-380 -495	-260 -375												
225	250	-420 -535	-280 -395												
250	280	-480 -610	-300 -140	-190 -271	-190 -320	-110 -162	-110 -191	-110 -240	-56 -88	-56 -108	-56 -137	-17 -40	-17 -49	0 -23	0 -32
280	315	-540 -670	-330 -460												
315	355	-600 -740	-360 -500	-210 -299	-210 -350	-125 -182	-125 -214	-125 -265	-62 -98	-62 -119	-62 -151	-18 -43	-18 -54	0 -25	0 -36
355	400	-680 -820	-400 -540												
400	450	-760 -915	-440 -595	-230 -327	-230 -385	-135 -198	-135 -232	-135 -290	-68 -108	-68 -131	-68 -165	-20 -47	-20 -60	0 -27	0 -40
450	500	-840 -995	-480 -635												

注：表中的数值的上段为正误差允许范围，下段为负误差允许范围
NOTE:Values shown in the upper portion of respective lines are upper dimensinal tolerance, while values shown in the lower portion of respective lines are lower dimensional tolerance.

常用嵌入轴的尺寸公差 DIMENSIONAL TOLERANCE FOR SHAFTS IN COMMON FITS

基本尺寸的区分（mm）classification of standard dimensions（mm）		轴公差范围的级别 Classification of geometrical tolerance zone of shafts															
以上 Above	以下 Below	h7	h8	h9	js5	js6	js7	k5	k6	m5	m6	n6	p6	r6	s6	t6	u6	x6
–	3	0 -10	0 -14	0 -25	±2	±3	±5	+4 0	+6 0	+6 +2	+8 +2	+10 +4	+12 +6	+16 +10	+20 +14		+24 +18	+26 +20
3	6	0 -12	0 -18	0 -30	±2.5	±4	±6	+6 +1	+9 +1	+9 +4	+12 +4	+16 +8	+20 +12	+23 +15	+27 +19	–	+31 +23	+36 +28
6	10	0 -15	0 -22	0 -36	±3	±4.5	±7	+7 +1	+10 +1	+12 +6	+15 +6	+19 +10	+24 +15	+28 +19	+32 +23		+37 +28	+43 +34
10	14	0 -18	0 -27	0 -43	±4	±5.5	±9	+9 +1	+12 +1	+15 +7	+18 +7	+2 +12	+29 +18	+34 +23	+39 +28	–	+44 +33	+51 +40
14	18																	+56 +45
18	24	0 -21	0 -33	0 -52	±4.5	±6.5	±10	+11 +2	+15 +2	+17 +8	+21 +8	+28 +15	+35 +22	+41 +28	+48 +35	–	+54 +41	+67 +54
24	30															+54 +41	+61 +48	+77 +64
30	40	0 -25	0 -39	0 -62	±5.5	±8	±12	+13 +2	+18 +2	+20 +9	+25 +9	+33 +17	+42 +26	+50 +34	+59 +43	+64 +48	+76 +60	–
40	50															+70 +54	+86 +70	
50	65	0 -30	0 -46	0 -74	±6.5	±9.5	±15	+15 +2	+21 +2	+24 +11	+30 +11	+39 +20	+51 +32	+60 +41	+72 +53	+85 +66	+106 +87	–
65	80													+62 +43	+78 +59	+94 +75	+121 +102	
80	100	0 -35	0 -54	0 -87	±7.5	±11	±17	+18 +3	+25 +3	+28 +13	+35 +13	+45 +23	+59 +37	+73 +51	+93 +71	+113 +91	+146 +124	–
100	120													+76 +54	+101 +79	+126 +104	+166 +144	
120	140	0 -40	0 -63	0 -100	±9	±12.5	±20	+21 +3	+28 +3	+33 +15	+40 +15	+52 +27	+68 +43	+88 +63	+117 +92	+147 +122	–	–
140	160													+90 +65	+125 +100	+159 +134		
160	180													+93 +68	+133 +108	+169 +146		
180	200	0 -46	0 -72	0 -115	±10	±14.5	±23	+24 +4	+33 +4	+37 +17	+46 +17	+60 +31	+79 +50	+106 +77	+151 +122	–	–	–
200	225													+109 +80	+159 +130			
225	250													+113 +84	+169 +140			
250	280	0 -52	0 -81	0 -130	±11.5	±16	±26	+27 +4	+36 +4	+43 +20	+52 +20	+66 +34	+88 +56	+126 +94	–	–	–	–
280	315													+130 +98				
315	355	0 -57	0 -89	0 -140	±12.5	±18	±28	+29 +4	+40 +4	+46 +21	+57 +21	+73 +37	+98 +62	+144 +108	–	–	–	–
355	400													+150 +114				
400	450	0 -63	0 -97	0 -155	±13.5	±20	±31	+32 +5	+45 +5	+50 +23	+63 +23	+80 +40	+108 +68	+166 +126	–	–	–	–
450	500													+172 +132				

注：表中的数值的上段为正误差允许范围，下段为负误差允许范围
NOTE:Values shown in the upper portion of respective lines are upper dimensinal tolerance, while values shown in the lower portion of respective lines are lower dimensional tolerance.

常用嵌入孔的尺寸公差 DIMENSIONAL TOLERANCE FOR HOLES IN COMMON FITS

基本尺寸的区分(mm) classification of standard dimensions (mm)		孔的公差带的级别 Class of geometrical tolerance zone of shafts														
以上 Above	以下 Below	B10	C9	C10	D8	D9	D10	E7	E8	E9	F6	F7	F8	G6	G7	H6	H7
—	3	+180 +140	+85 +60	+100 +60	+34 +20	+45 +20	+60 +20	+24 +14	+28 +14	+39 +14	+12 +6	+16 +6	+20 +6	+8 +2	+12 +2	+6 0	+10 0
3	6	+188 +140	+100 +70	+118 +70	+48 +30	+60 +30	+78 +30	+32 +20	+38 +20	+50 +20	+18 +10	+22 +10	+28 +10	+12 +4	+16 +4	+8 0	+12 0
6	10	+208 +150	+116 +80	+138 +80	+62 +40	+76 +40	+98 +40	+40 +25	+47 +25	+61 +25	+22 +13	+28 +13	+35 +13	+14 +5	+20 +5	+9 0	+15 0
10	14	+220 +150	+138 +95	+165 +95	+77 +50	+93 +50	+120 +50	+50 +32	+59 +32	+75 +32	+27 +16	+34 +16	+43 +16	+17 +6	+24 +6	+11 0	+18 0
14	18																
18	24	+244 +160	+162 +110	+194 +110	+98 +65	+117 +65	+149 +65	+61 +40	+73 +40	+92 +40	+33 +20	+41 +20	+53 +20	+20 +7	+28 +7	+13 +0	+21 0
24	30																
30	40	+270 +170	+182 +120	+220 +120	+119 +80	+142 +80	+180 +80	+75 +50	+89 +50	+112 +50	+41 +25	+50 +25	+64 +25	+25 +9	+34 +9	+16 0	+25 0
40	50	+280 +180	+192 +130	+230 +130													
50	65	+310 +190	+214 +140	+260 +140	+146 +100	+174 +100	+220 +100	+90 +60	+106 +60	+134 +60	+49 +30	+60 +30	+76 +30	+29 +10	+40 +10	+19 0	+30 0
65	80	+320 +200	+224 150	+270 +150													
80	100	+360 +220	+257 +170	+310 +170	+174 +120	+207 +120	+260 +120	+107 +72	+126 +72	+159 +72	+58 +36	+71 +36	+90 +36	+34 +12	+47 +12	+22 0	+35 0
100	120	+380 +240	+267 +180	+320 +180													
120	140	+420 +260	+300 +200	+360 +200	+208 +145	+245 +145	+305 +145	+125 +85	+148 +85	+185 +85	+68 +43	+83 +43	+106 +43	+39 +14	+54 +14	+25 0	+40 0
140	160	+440 +280	+310 +210	+370 +210													
160	180	+470 +310	+330 +230	+390 +230													
180	200	+525 +340	+355 +240	+425 +240	+242 +170	+285 +170	+355 +170	+146 +100	+172 +100	+215 +100	+79 +50	+96 +50	+122 +50	+44 +15	+61 +15	+29 0	+46 0
200	225	+565 +380	+375 +260	+445 +260													
225	250	+605 +420	+395 +280	+465 +280													
250	280	+690 +480	+430 +300	+510 +300	+271 +190	+320 +190	+400 +190	+162 +110	+191 +110	+240 +110	+88 +56	+108 +56	+137 +56	+49 +17	+69 +17	+32 0	+52 0
280	315	+750 +540	+460 +330	+540 +330													
315	355	+830 +600	+500 +360	+590 +360	+299 +210	+350 +210	+440 +210	+182 +125	+214 +125	+265 +125	+98 +62	+119 +62	+151 +62	+54 +18	+75 +18	+36 0	+57 0
355	400	+910 +680	+540 +400	+630 +400													
400	450	+1010 +760	+595 +440	+690 +440	+327 +230	+385 +230	+480 +230	+198 +135	+232 +135	+290 +135	+108 +68	+131 +68	+165 +68	+60 +20	+83 +20	+40 0	+63 0
450	500	+1090 +840	+635 +480	+730 +480													

注：表中的数值的上段为正误差允许范围，下段为负误差允许范围
NOTE:Values shown in the upper portion of respective lines are upper dimensinal tolerance, while values shown in the lower portion of respective lines are lower dimensional tolerance.

常用嵌入孔的尺寸公差 DIMENSIONAL TOLERANCE FOR HOLES IN COMMON FITS

基本尺寸的区分（mm）classification of standard dimensions（mm）		孔的公差带的级别 Class of geometrical tolerance zone of shafts																
以上 Above	以下 Below	H8	H9	H10	JS6	JS7	K6	K7	M6	M7	N6	N7	P6	P7	R7	S7	T7	U7	X7
—	3	+14 0	+25 +0	+40 0	±3	±5	0 -6	0 -10	-2 -8	-2 -12	-4 -14	-6 -12	-6 -16	-10 -20	-10 -20	-14 -24		-18 -28	-20 -30
3	6	+18 0	+30 0	+48 0	±4	±6	+2 -6	+3 -9	-1 -9	0 -12	-4 -16	-9 -17	-9 -17	-11 -23	-11 -23	-15 -27	—	-19 -31	-24 -36
6	10	+22 0	+36 0	+58 0	±4.5	±7	+2 -7	+5 -10	-3 -12	0 -15	-4 -19	-12 -21	-12 -21	-13 -28	-13 -28	-17 -32		-22 +37	-28 -43
10	14	+27 0	+43 0	+70 0	±5.5	±9	+2 -9	+6 -12	-4 -15	0 -18	-9 -20	-5 -23	-15 -26	-11 -29	-16 -34	-21 -39	—	-26 -44	-33 -51
14	18																		-38 -56
18	24	+33 0	+52 0	+84 0	±6.5	±10	+2 -11	+6 -15	-4 -17	0 -21	-11 -24	-7 -28	-18 -31	-14 -35	-20 -41	-27 -48	—	-33 -54	-46 -67
24	30																-33 -54	-40 -61	-56 -77
30	40	+39 0	+62 0	+100 0	±8	±12	+3 -13	+7 -18	-4 -20	0 -25	-12 -28	-8 -33	-21 -37	-17 -42	-25 -50	-34 -59	-39 -64	-51 -76	—
40	50																-45 -70	-61 -86	
50	65	+46 0	+74 0	+120 0	±9.5	±15	+4 -15	-9 -21	-5 -24	0 -30	-14 -33	-9 -39	-26 -45	-21 -51	-30 -60	-42 -72	-55 -85	-76 -106	—
65	80														-32 -62	-48 -78	-64 -94	-91 -121	
80	100	+54 0	+87 0	+140 0	±11	±17	+4 -18	+10 -25	-6 -28	0 -35	-16 -38	-10 -45	-30 -52	-24 -59	-38 -73	-58 -93	-78 -113	-111 -146	—
100	120														-41 -76	-66 -101	-91 -126	-131 -166	
120	140	+63 0	+100 0	+160 0	±12.5	±20	+4 -21	+12 -28	-8 -33	0 -40	-20 -45	-12 -52	-36 -61	-28 -68	-48 -88	-77 -117	-107 -147	—	—
140	160														-50 -90	-85 -125	-119 159		
160	180														-53 -93	-93 -133	-131 -171		
180	200	+72 0	+115 0	+185 0	±14.5	±23	+5 -24	+13 -33	-8 -37	0 -46	-22 -51	-14 -60	-41 -70	-33 -79	-60 -106	-105 -151	—	—	—
200	225														-63 -109	-113 -159			
225	250														-67 -113	-123 -169			
250	280	+81 0	+130 0	+210 0	±16	±26	+5 -27	+16 -36	-9 -41	0 -52	-25 -57	-14 -66	-47 -79	-36 -88	-74 -126	—	—	—	—
280	315														-78 -130				
315	355	+89 0	+140 0	+230 0	±18	±28	+7 -29	+17 -40	-10 -46	0 -57	-26 -62	-16 -73	-51 -87	-41 -98	-87 -144	—	—	—	—
355	400														-93 -150				
400	450	+97 0	+155 0	+250 0	±20	±31	+8 -32	+18 -45	-10 -50	0 -63	-27 -67	-17 -80	-55 -95	-45 -108	-103 -166	—	—	—	—
450	500														-109 -172				

注：表中的数值的上段为正误差允许范围，下段为负误差允许范围

NOTE:Values shown in the upper portion of respective lines are upper dimensinal tolerance, while values shown in the lower portion of respective lines are lower dimensional tolerance.

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山东欧诺威数控刀具有限公司
山东省济宁市泗水县泉源大道与金工一路交汇处

国内销售专线：
TEL：400-697-5558
E-mail：sales@ounuowei.com
ounuowei.1688.com
www.onwcnc.com

外贸销售专线：
TEL：0086 537 6598237
FAX：0086 537 6598237
E-mail：md3rd@ounuowei.com
ounuowei.en.alibaba.com
www.ounuowei.com