O·N·W®

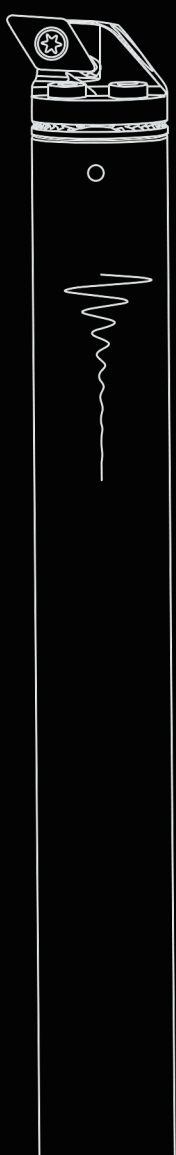
欧诺威

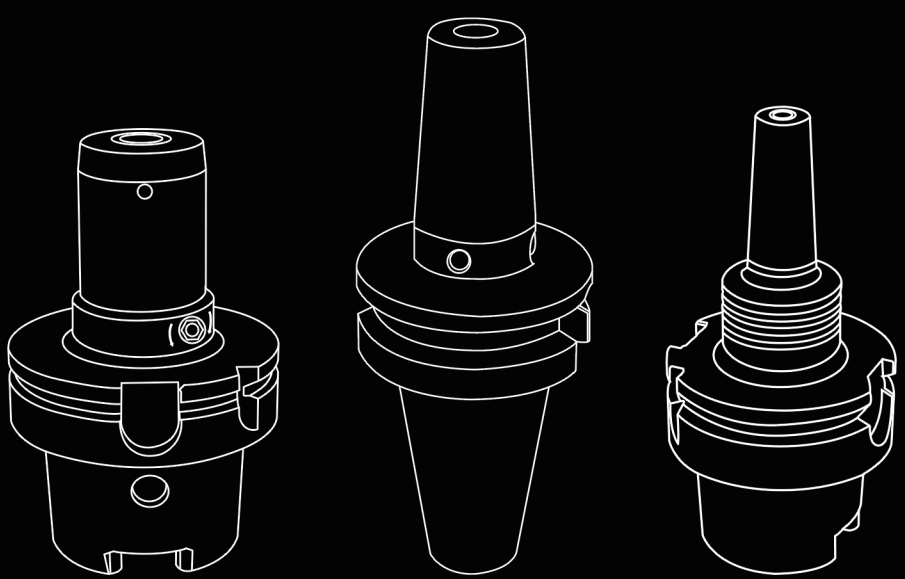
SHANDONG OUNUOWEI NUMERICAL CONTROL TOOL CO.,LTD

综合产品目录

2025

让切削更顺畅 做中國好刀具







2025

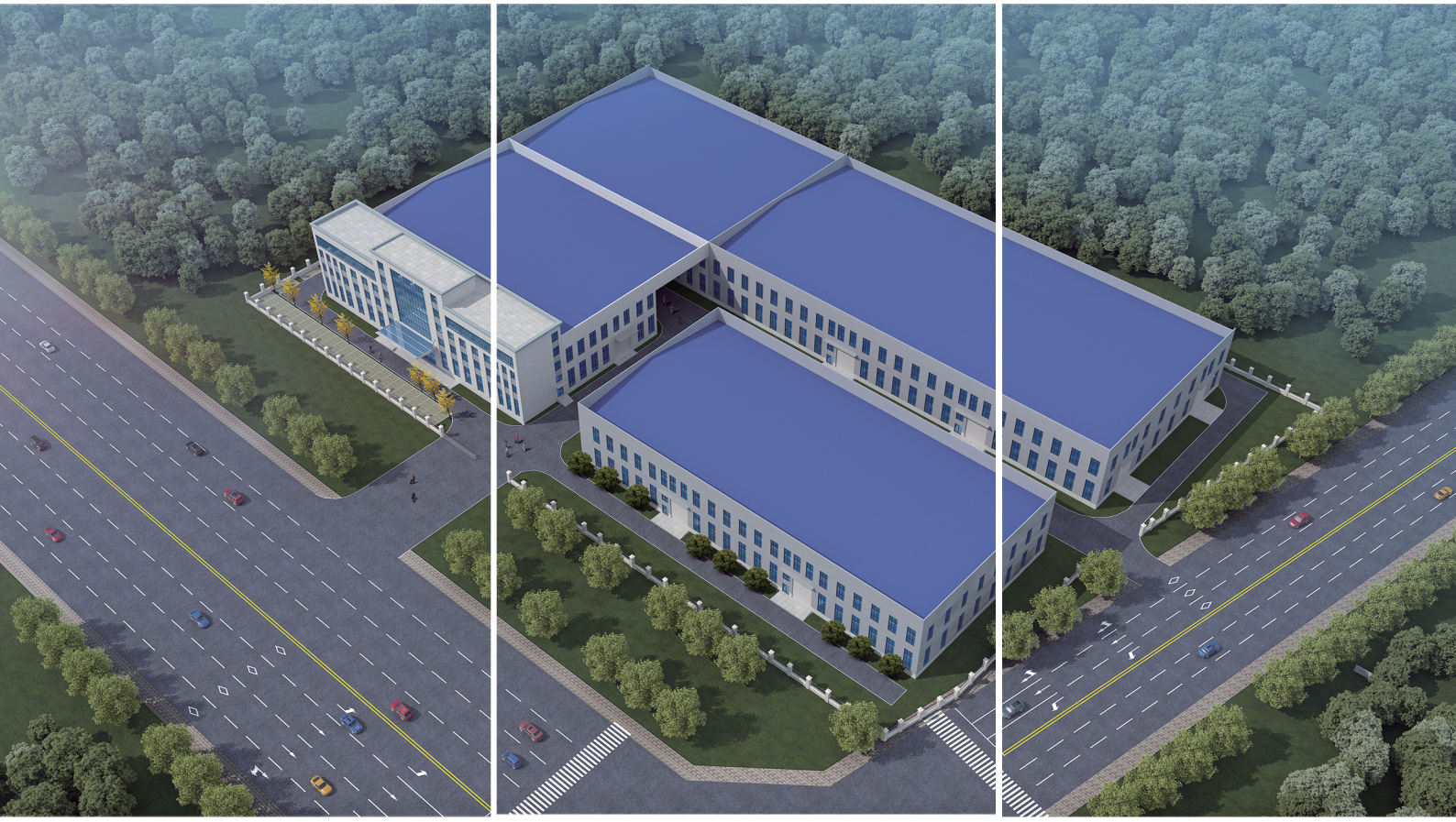
CNC TOOL ONE-STOP PROCUREMENT

CNC TOOL

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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，是一家专注于中高端数控刀具研发与生产的国家级高新技术企业，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，可为您提供完善的数控刀具解决方案及配套服务。产品严格遵循国标(GB)、国际标准(ISO)、德国标准(DIN)、美国标准(ANSI)、日本标准(JIS)等不同标准进行研发、设计与制造，同时还可以设计制造专用、非标数控刀具等行业前沿产品。

欧诺威以“做中国好刀柄”为愿景，致力于打造媲美国际品质的国产刀柄。我们将对质量的严苛要求融入全员行动，通过ISO9001国际质量管理体系全程把控生产。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，日本山崎马扎克MAZAK/日本大隈OKUMA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、二次元投影仪、圆柱度仪以及粗糙度轮廓仪，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。公司拥有20多年行业经验的技术管理团队（含多名本科、专科工程师），提供强大技术支持和及时高效的售前售后服务。公司地处鲁南地区，依托便捷铁路网络，江浙沪次日达，全国大部分地区3-4天到货，保障交付时效。产品远销全球40多个国家和地区，赢得客户广泛认可。以匠心铸就品质，以服务赢得信赖，法人王金梅女士携全体员工，热忱欢迎海内外客户莅临指导，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

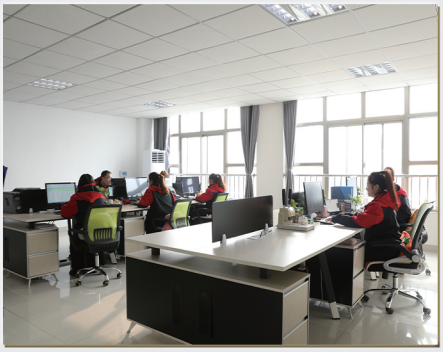






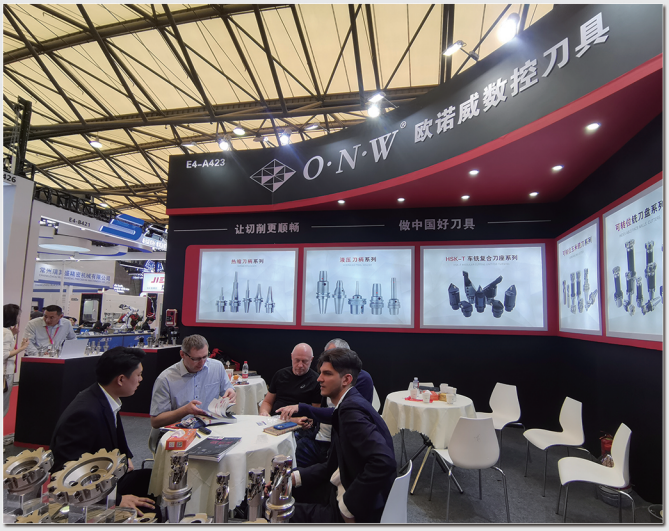




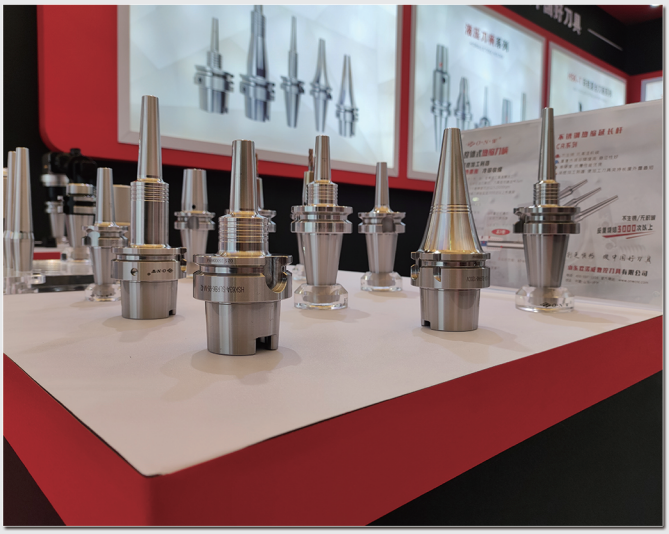


参加展会

EXHIBITION PHOTOS









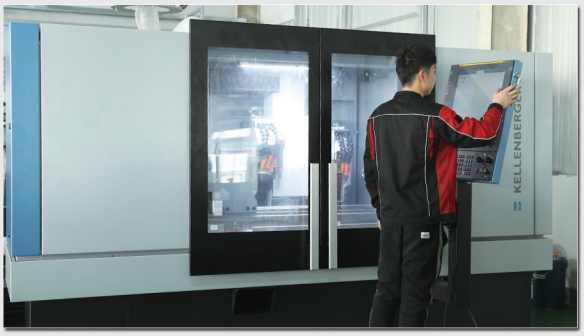




生产车间 PRODUCTION WORKSHOP













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







·阻尼减振刀具 DAMPING TOOLS



·HSK 数控刀柄 HSK CNC TOOL SYSTEMS



·HSK 数控刀柄 HSK CNC TOOL SYSTEMS


B161


B162


B163-B168


B169-B170


B171


B172-B174


B175


B176-B177


B178-B190


B191-B199

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


C02


C03


C04


C05


C06


C07


C08


C09


C11


C12


C12


C13


C14


C15


C15

·PSC 数控刀柄 PSC CNC TOOL SYSTEMS


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D04-D05


D06-D07


D08-D09


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D36


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·PSC 数控刀柄 PSC CNC TOOL SYSTEMS


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D40


D42-D43


D44-D45


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D48-D49


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·SBT 数控刀柄 SBT CNC TOOL SYSTEMS


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E06-E08


E09-E10


E11


E12-E14


E15-E19


E20-E23


E24-E26


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E39-E41


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·BT 数控刀柄 BT CNC TOOL SYSTEMS


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F109-F112


F113

·BT 数控刀柄 BT CNC TOOL SYSTEMS


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F115


F116


F117


F118


F119-F120


F119-F122

·SK 数控刀柄 SK CNC TOOL SYSTEMS


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G11-G12


G13


G14-G21


G22-G26


G27-G31


G32


G33-G35


G36-G38


G39-G41


G42


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G45-G47


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G51


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G55-G57

·攻丝刀柄 TAPPING CHUCK


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·铣削刀具 MILLING CUTTERS


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·技术资料 TECHNICAL INFORMATION

SK/DAT L01	BT L02	NT/ST L03	CAT L04	HSK-A/E L05	HSK-F 三面刃铣刀 刀柄附件 L06	MTA/MTB L07
削平型刀具 L08	丝锥标准 L09	钻头直径 L10	直柄钻头夹头 L11	螺纹底孔 L12	常用嵌入轴 L13-L14	常用嵌入孔 L15-L16

阻尼减振刀具

DIN 69893-A

DAMPING TOOLS

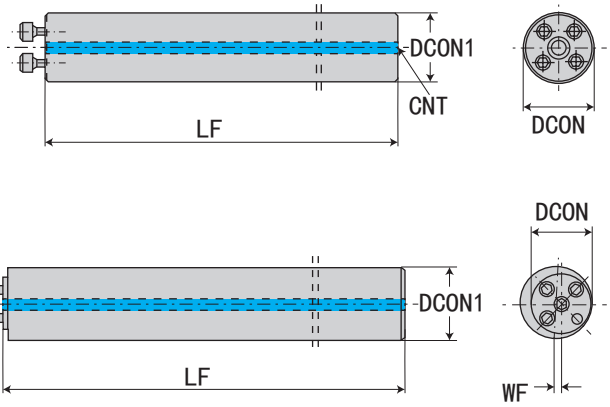


阻尼减振刀具系列

CNC TOOL SYSTEMS

·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	FIG	重量 KG
SD16-C16-156V	16	16	156	G1/8..	7	SD16	1	0.2
-204VE	16	16	204	G1/8..	10	SD16	1	0.5
SD20-C20-200V	20	20	200	G1/4..	7	SD20	1	0.4
-260VE	20	20	260	G1/4..	10	SD20	1	0.8
SD25-C25-255V	25	25	255	G1/4..	7	SD25	1	1
-330VE	25	25	330	G1/4..	10	SD25	1	1.3
-380VE	25	25	380	G1/8..	12	SD25	1	2
-430VE	25	25	430	G1/8..	14	SD25	1	2.6
SD32- C32-320V	32	32	320	G3/8..	7	SD32	1	2.1
-416V	32	32	416	G3/8..	10	SD32	1	2.8
-480VE	32	32	480	G1/4..	12	SD32	1	4.2
-544VE	32	32	544	G1/4..	14	SD32	1	4.8
SD40-C40-408V	40	40	408	G1/2..	7	SD40	2	4.6
-528V	40	40	528	G1/2..	10	SD40	2	5.3
-608VE	40	40	608	G3/8..	12	SD40	2	8.3
-688VE	40	40	688	G3/8..	14	SD40	2	9.4

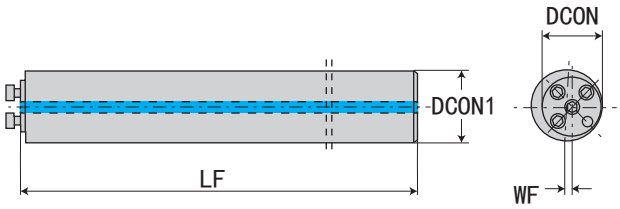
规格说明:

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 Cartridge

·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
-668V	50	40	668	G1/2..	10	SD40	9.3
-768VE	50	40	768	G1/2..	12	SD40	14.4
-868VE	50	40	868	G1/2..	14	SD40	16.6

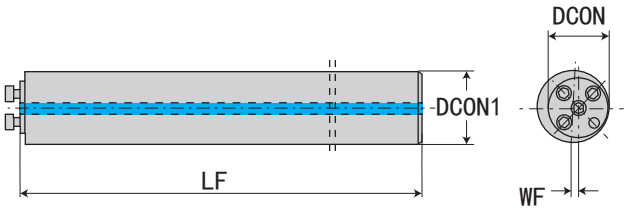
规格说明:

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 Cartridge

·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
-808V	60	40	808	G3/4..	10	SD40	16.3
-920VE	60	40	920	G3/4..	12	SD40	27.1
-1040VE	60	40	1040	G3/4..	14	SD40	30.9

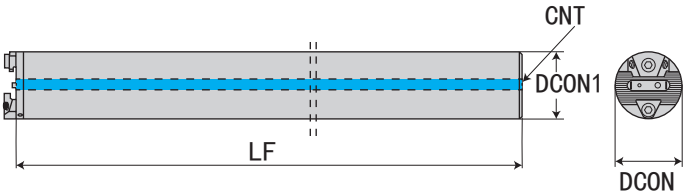
规格说明:

SD40 - C60 - 628 - V

- V: 功能代号 Mark
- 628: 长度 Length
- C60: 刀杆直径 Diameter
- SD40: 适配刀头 Cartridge

·阻尼减振车刀杆 DAMPING TURNING TOOL HOLDER





● 刀头需另购

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
-1200V	80	80	1200	G3/4..	10	SD80	52.3
-1240VE	80	80	1240	G3/4..	12	SD80	50
-1400VE	80	80	1400	G3/4..	14	SD80	63

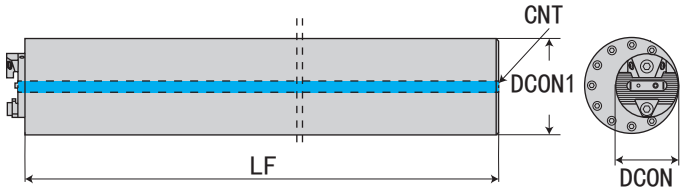
规格说明:

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 Cartridge

·阻尼减振车刀杆 DAMPING TURNING TOOL HOLDER





- 刀头需另购

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
-1500V	100	80	1500	G3/4..	10	SD80	86.8
-C120-1900V-R/L	120	80	1900	G3/4..	10	SD80	134
-C130-2000V-R/L	130	80	2000	G3/4..	10	SD80	192.3
-C140-2200V-R/L	140	80	2200	G3/4..	10	SD80	241.5
-C150-2400V-R/L	150	80	2400	G3/4..	10	SD80	252.6
-C160-2600V-R/L	160	80	2600	G3/4..	10	SD80	339.3
-C180-2800V-R/L	180	80	2800	G3/4..	10	SD80	458.2
-C200-3200V-R/L	200	80	3200	G3/4..	10	SD80	657.7
-C220-3450V-R/L	220	80	3450	G1..	10	SD80	1059.3
-C250-4000V-R/L	250	80	4000	G1..	10	SD80	1229

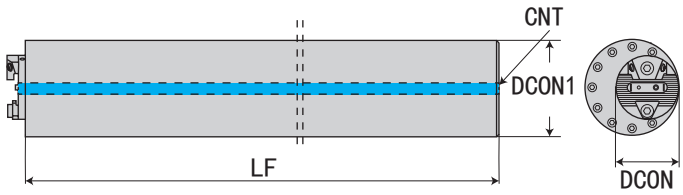
规格说明:

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 Cartridge

·阻尼减振车刀杆 DAMPING TURNING TOOL HOLDER





- 刀头需另购

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
-1760VE	100	80	1760	G3/4..	14	SD80	133.3
-C120-1870VE-R/L	120	80	1870	G3/4..	12	SD80	215.7
-2110VE-R/L	120	80	2110	G3/4..	14	SD80	248.6
-C130-2030VE-R/L	130	80	2030	G3/4..	12	SD80	271.4
-2290VE-R/L	130	80	2290	G3/4..	14	SD80	312.3
-C140-2190VE-R/L	140	80	2190	G3/4..	12	SD80	336.7
-2470VE-R/L	140	80	2470	G3/4..	14	SD80	386.8
-C150-2350VE-R/L	150	80	2350	G3/4..	12	SD80	397.2
-2650VE-R/L	150	80	2650	G3/4..	14	SD80	472.4
-C160-2510VE-R/L	160	80	2510	G3/4..	12	SD80	497.5
-2830VE-R/L	160	80	2830	G3/4..	14	SD80	571.2
-C180-2830VE-R/L	180	80	2830	G3/4..	12	SD80	559.7
-3190VE-R/L	180	80	3190	G3/4..	14	SD80	642.6
-C200-3150VE-R/L	200	80	3150	G3/4..	12	SD80	621.9
-3550VE-R/L	200	80	3550	G3/4..	14	SD80	714.3
-C220-3470VE-R/L	220	80	3470	G3/4..	12	SD80	684.1
-3910VE-R/L	220	80	3910	G3/4..	14	SD80	785.7
-C250-3950VE-R/L	250	80	3950	G3/4..	12	SD80	777.4
-4450VE-R/L	250	80	4450	G3/4..	14	SD80	892.8

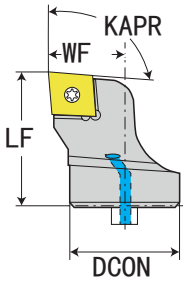
规格说明:

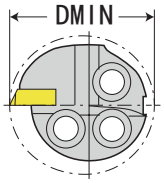
SD80 - C100 - 1560 - VE - R/L

- R/L 右/左 Right/Left
- VE 功能代号 Mark
- 1560 长度 Length
- C100 刀杆直径 Diameter
- SD80 适配刀头 Cartridge

·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

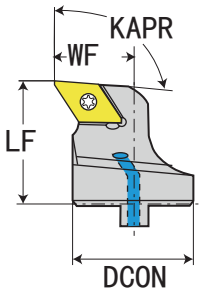
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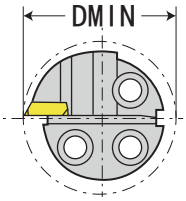
SD16 - SCLC - R/L - 06

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

·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

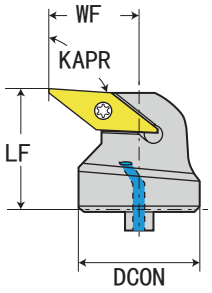
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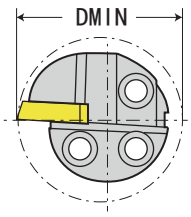
SD16 - SDUC - R/L - 07

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

·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	15	27	93 度	VC**1103**	0.05
SD25-SVUCR-11	20	25	18	33	93 度	VC**1103**	0.06
SD20-SVUCL-11	20	20	15	27	93 度	VC**1103**	0.05
SD25-SVUCL-11	20	25	18	33	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

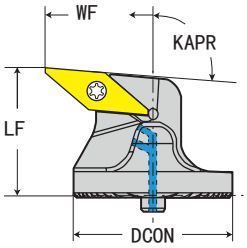
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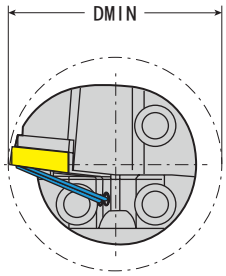
SD20 - SVUC - R/L - 11

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

·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

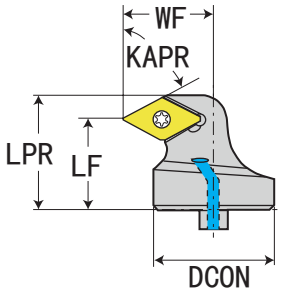
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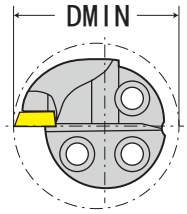
SD32 - SVLB - R/L - 16

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

·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

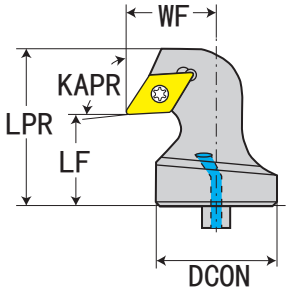
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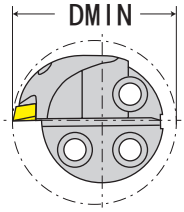
SD16 - SDXC - R/L - 07

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

·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

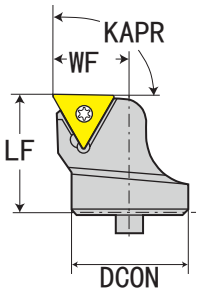
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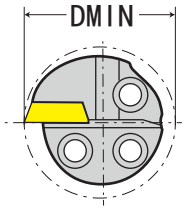
SD16 - SDZC - R/L - 07

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

·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

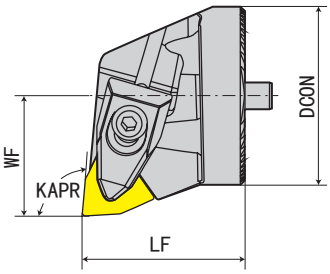
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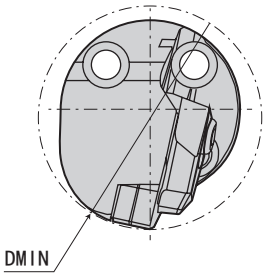
SD16 - STFC - R/L - 09

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

·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
-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

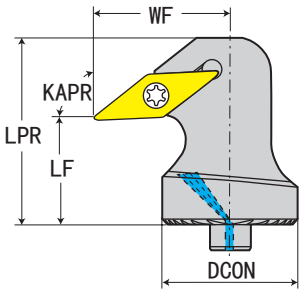
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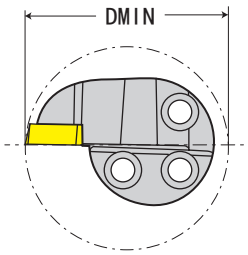
SD32 - DWLN - R/L - 06

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

·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-SVUCR-11	15	20	27	20	32	93°	VC**1103**	0.05
SD25-SVUCR-11	15	25	27	22	37	93°	VC**1103**	0.08
SD20-SVUCL-11	15	20	27	20	32	93°	VC**1103**	0.05
SD25-SVUCL-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-SVUCR/L-11	SR20-M2.5*0.45P*6	T8	D6-5*8
SD25-SVUCR/L-11	SR20-M2.5*0.45P*6	T8	D6-5*9

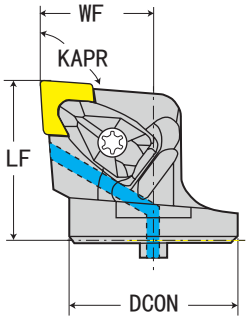
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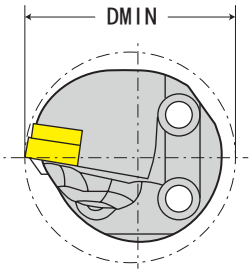
SD20 - SVUC - R/L - 11

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

·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°	CN**1204**	0.17
SD40-DCLNR-12	38	40	27	50	95°	CN**1204**	0.22
SD40-DCLNR-16	40	40	32	57	95°	CN**1606**	0.32
SD40-DCLNR-19	42	40	34	57	95°	CN**1906**	0.33
SD32-DCLNL-12	38	32	22	40	95°	CN**1204**	0.17
SD40-DCLNL-12	38	40	27	50	95°	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	-	-	-	-	-	-	-

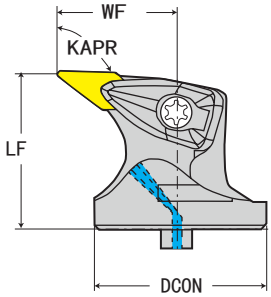
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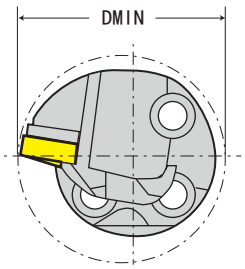
SD32 - DCLN - R/L - 12

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

·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

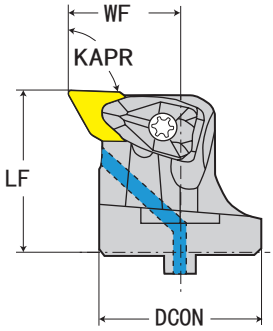
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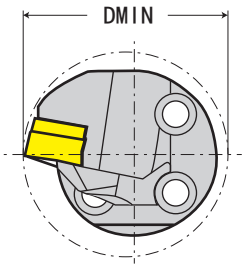
SD40 - DVUN - R/L - 16

- 16 刀片 Insert
- R/L 右/左 Right/Left
- DVUN 功能代号 Mark
- SD40 适配刀头 Cartridge

·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

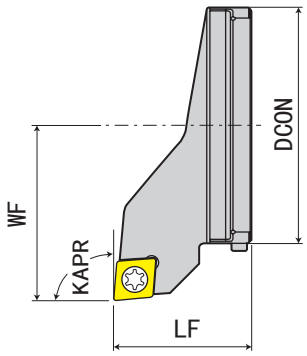
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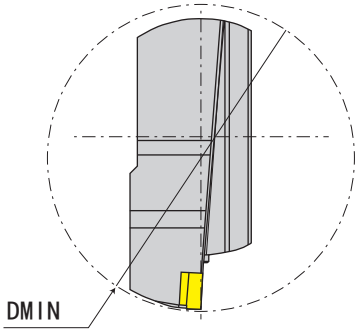
SD32 - DDUN - R/L - 11

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

·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

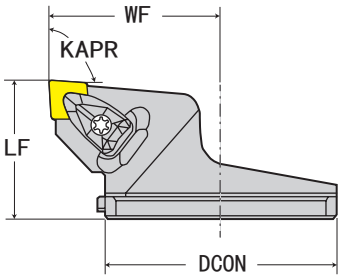
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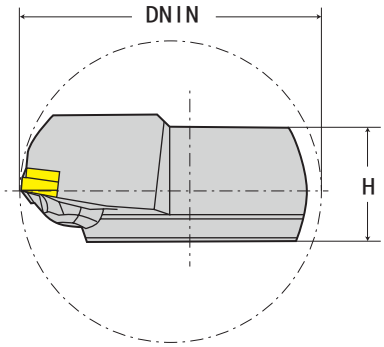
SD80 - SCLC - R/L - 12

- 12 刀片 Insert
- R/L 右/左 Right/Left
- SCLC 功能代号 Mark
- SD80 适配刀头 Cartridge

·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

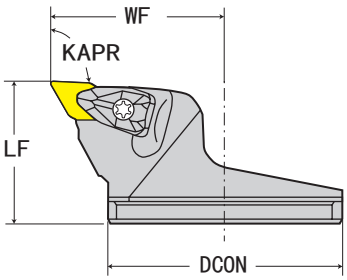
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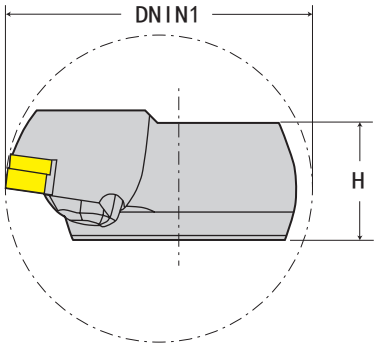
SD80 - DCLN - R/L - 12

- 12 刀片 Insert
- R/L 右/左 Right/Left
- DCLN 功能代号 Mark
- SD80 适配刀头 Cartridge

·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

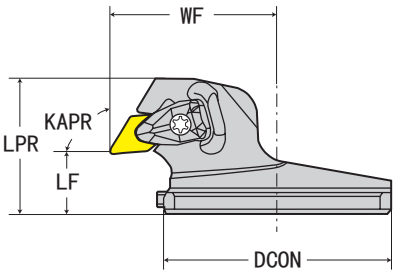
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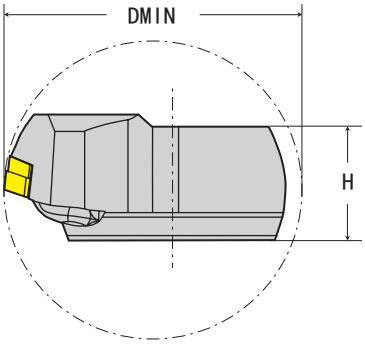
SD80 - DDUN - R/L - 12

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

·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

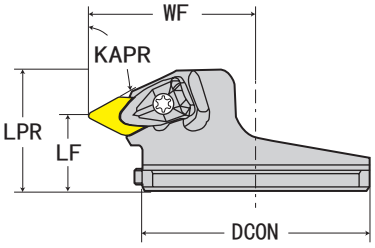
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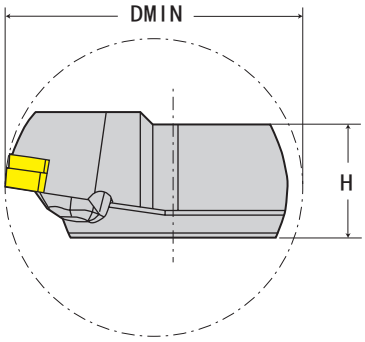
SD80 - DDUN - R/L - 15

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

·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

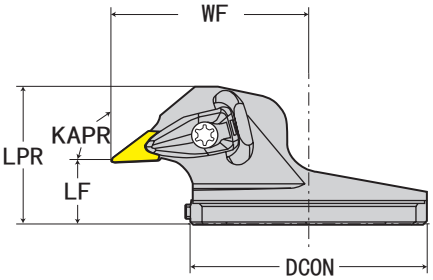
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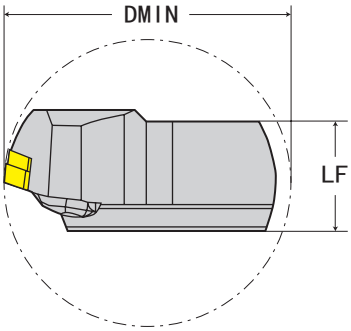
SD80 - DDXN - R/L - 15

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

·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

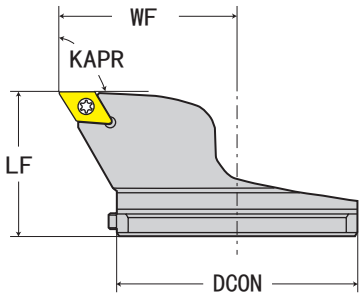
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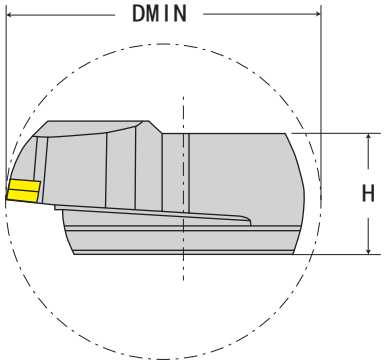
SD80 - DVUN - R/L - 16

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

·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

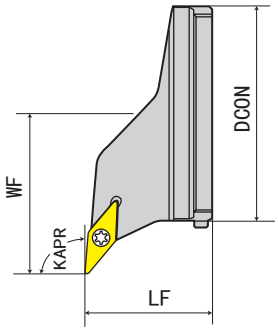
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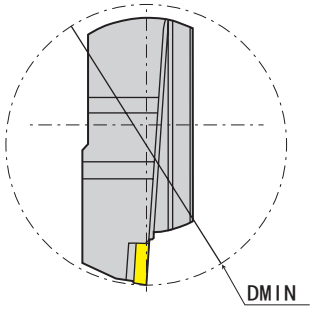
SD80 - SDUC - R/L - 11

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

·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

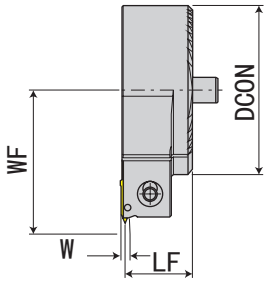
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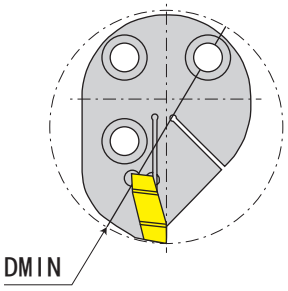
SD80 - SVLC - R/L - 16

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

·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
-3	14	25	17.5	31	3	HG3003	0.45
SD32-GIR/L-2	18	32	20	37	2	HG2002	0.45
-3	18	32	20	37	3	HG3003	0.45
SD40-GIR/L-2	18	40	24	45	2	HG2002	0.45
-3	18	40	25	46	3	HG3003	0.45
-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
-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
-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
-3	SR55-M4*0.7P*12	KEY01-M3	D6-5*11
-4	SR55-M4*0.7P*12	KEY01-M3	D6-5*11

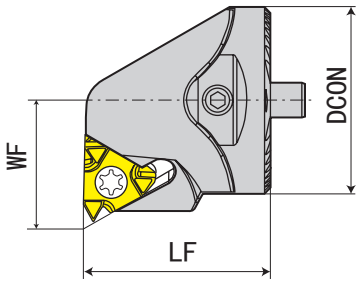
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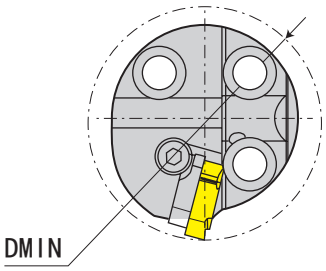
SD25 - GI - R/L - 2

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

·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

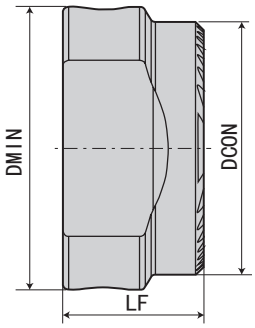
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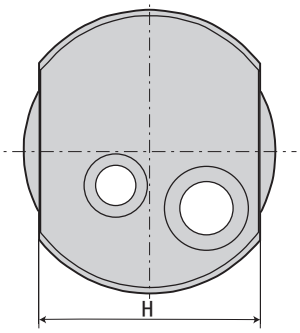
SD20 - SI - R/L - 16

- 16 刀片 Insert
- R/L 右/左 Right/Left
- SI 功能代号 Mark
- SD20 适配刀头 Cartridge

·中心校正块 CENTRE CALIBRATION BLOCK



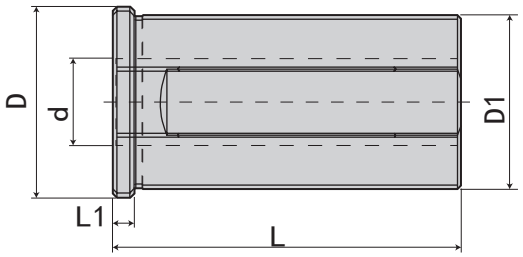


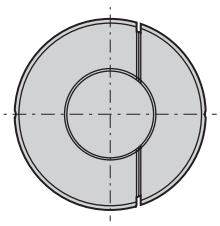


型号 Model	长度 LF	安装面直径 DCON	范围 DMIN	H	重量 KG
SDXZ16-25	14	25	28	22	0.05
SDXZ32-60	25	60	62	52	0.45

·阻尼减振刀杆专用变径套 DAMPING TOOL SLEEVE



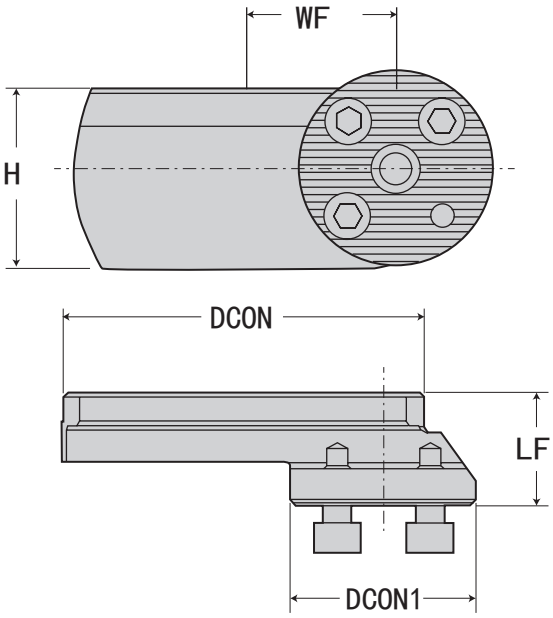




型号 Model	D	D1	d	L	L1	重量 KG
SD32-16-65	36	32	16	65	5	
SD32-20-65	36	32	20	65	5	
SD32-20-85	38	32	20	85	5	
SD40-16-75	44	40	16	75	5	
SD40-20-75	44	40	20	75	5	
SD40-20-105	46	40	20	105	5	
SD40-25-75	44	40	25	75	5	
SD40-25-105	46	40	25	105	5	
SD40-32-128	50	40	32	128	5	
SD50-20-125	56	50	20	125	5	
SD50-25-125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

·转换刀座 CONVERSION TOOL HOLDER

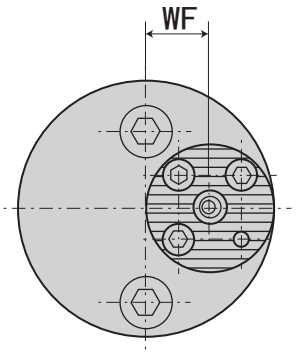


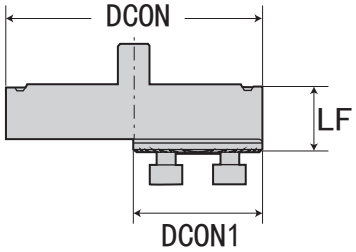


型号 Model	长度 LF	安装面直径 DCON	安装面直径 DCON1	H	中心距 WF	重量 KG
SD80-23-40R/L	23	80	40	37.5	70	0.3

·转换刀座 CONVERSION TOOL HOLDER



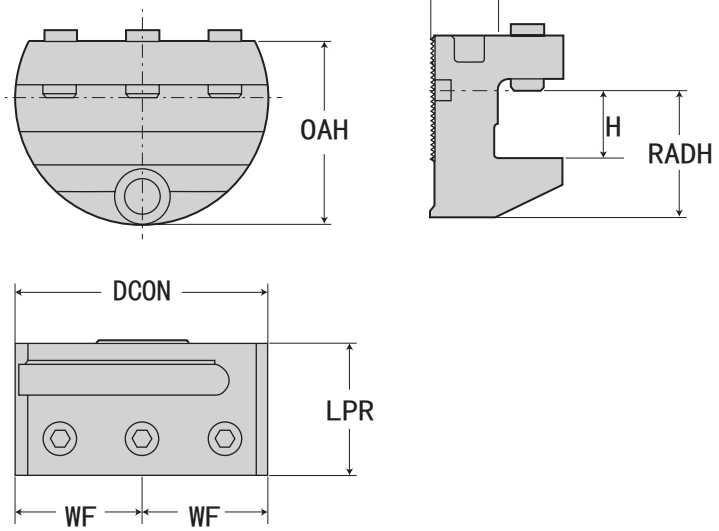




型号 Model	长度 LF	安装面直径 DCON	安装面直径 DCON1	H	中心距 WF	重量 KG
SD80-20-20-40R	20	80	40	37.5	20	0.8
SD80-20-30-40R	20	80	40	37.5	30	1.1

·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 阻尼减振铣刀柄

HSK63A-FMHC DAMPING MILLING TOOL HOLDER





Fig. 1

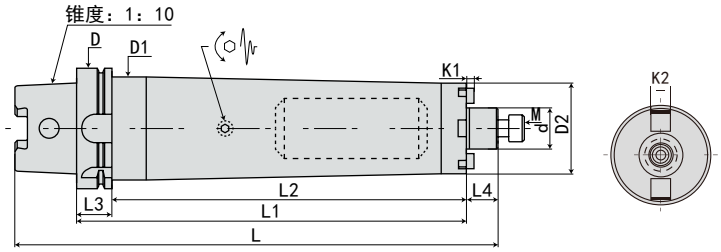
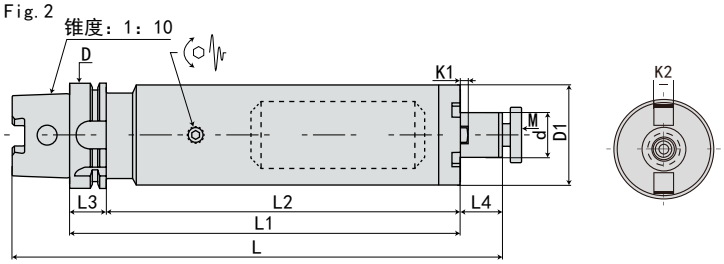


Fig. 2



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	
-200-D37	249	200	174	26	17	63	40	37	16	3.2	8	M8*1.25P	1	
-250-D37	299	250	224	26	17	63	40	37	16	3.2	8	M8*1.25P	1	
-300-D37	349	300	274	26	17	63	40	37	16	3.2	8	M8*1.25P	1	
-350-D37	399	350	324	26	17	63	40	37	16	3.2	8	M8*1.25P	1	
-FMHC22-150-D47	200	150	124	26	17	63	50	47	22	4.8	10	M10*1.25P	1	
-200-D47	250	200	174	26	17	63	50	47	22	4.8	10	M10*1.25P	1	
-250-D47	300	250	224	26	18	63	50	47	22	4.8	10	M10*1.25P	1	
-300-D47	350	300	274	26	18	63	50	47	22	4.8	10	M10*1.25P	1	
-350-D47	400	350	324	26	18	63	50	47	22	4.8	10	M10*1.25P	1	
-400-D47	450	400	374	26	18	63	50	47	22	4.8	10	M10*1.25P	1	
-450-D47	500	450	424	26	18	63	50	47	22	4.8	10	M10*1.25P	1	
-500-D47	550	500	474	26	18	63	50	47	22	4.8	10	M10*1.25P	1	
-FMHC27-200-D60	252	200	174	26	20	63	-	60	27	5.8	12	M12*1.75P	2	
-250-D60	302	250	224	26	20	63	-	60	27	5.8	12	M12*1.75P	2	
-300-D60	352	300	274	26	20	63	-	60	27	5.8	12	M12*1.75P	2	
-350-D60	402	350	324	26	20	63	-	60	27	5.8	12	M12*1.75P	2	
-400-D60	452	400	374	26	20	63	-	60	27	5.8	12	M12*1.75P	2	
-450-D60	502	450	424	26	20	63	-	60	27	5.8	12	M12*1.75P	2	
-500-D60	552	500	474	26	20	63	-	60	27	5.8	12	M12*1.75P	2	

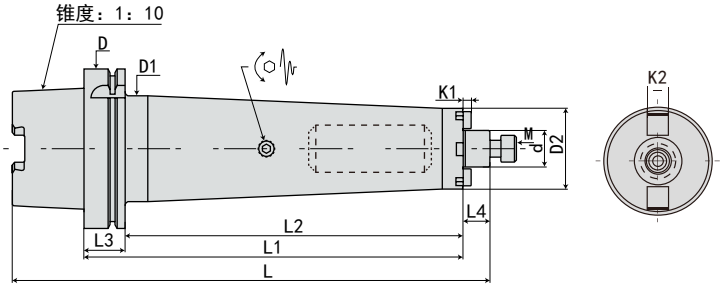
规格说明:

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 Shank size

·HSK100A-FMHC 阻尼减振铣刀柄 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	
-250-D37	317	250	221	29	17	100	40	37	16	3.2	8	M8*1.25P	
-300-D37	367	300	271	29	17	100	40	37	16	3.2	8	M8*1.25P	
-350-D37	417	350	321	29	17	100	40	37	16	3.2	8	M8*1.25P	
-FMHC22-200-D47	268	200	171	29	18	100	50	47	22	4.8	10	M10*1.25P	
-250-D47	318	250	221	29	18	100	50	47	22	4.8	10	M10*1.25P	
-300-D47	368	300	271	29	18	100	50	47	22	4.8	10	M10*1.25P	
-350-D47	418	350	321	29	18	100	50	47	22	4.8	10	M10*1.25P	
-400-D47	468	400	371	29	18	100	50	47	22	4.8	10	M10*1.25P	
-450-D47	518	450	421	29	18	100	50	47	22	4.8	10	M10*1.25P	
-500-D47	568	500	471	29	18	100	50	47	22	4.8	10	M10*1.25P	
-550-D47	618	550	521	29	18	100	50	47	22	4.8	10	M10*1.25P	
-600-D47	668	600	571	29	18	100	50	47	22	4.8	10	M10*1.25P	
-650-D47	718	650	621	29	18	100	50	47	22	4.8	10	M10*1.25P	
-700-D47	768	700	671	29	18	100	50	47	22	4.8	10	M10*1.25P	
-250-D58	318	250	221	29	18	100	62	58	22	4.8	10	M10*1.25P	
-300-D58	368	300	271	29	18	100	62	58	22	4.8	10	M10*1.25P	
-350-D58	418	350	321	29	18	100	62	58	22	4.8	10	M10*1.25P	
-400-D58	468	400	371	29	18	100	62	58	22	4.8	10	M10*1.25P	
-450-D58	518	450	421	29	18	100	62	58	22	4.8	10	M10*1.25P	
-500-D58	568	500	471	29	18	100	62	58	22	4.8	10	M10*1.25P	
-550-D58	618	550	521	29	18	100	62	58	22	4.8	10	M10*1.25P	
-600-D58	668	600	571	29	18	100	62	58	22	4.8	10	M10*1.25P	
-650-D58	718	650	621	29	18	100	62	58	22	4.8	10	M10*1.25P	
-700-D58	768	700	671	29	18	100	62	58	22	4.8	10	M10*1.25P	

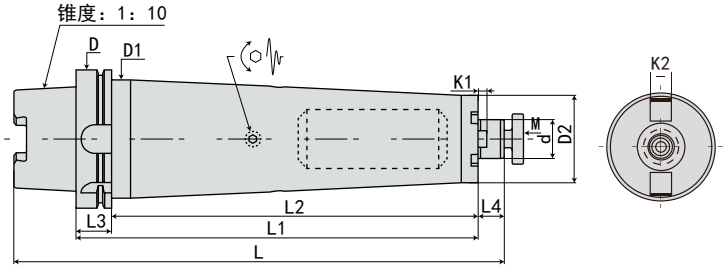
规格说明:

HSK100A - FMHC - 16 - 200 - D37

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

·HSK100A-FMHC 阻尼减振铣刀柄 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	
-300-D60	370	300	271	29	20	100	78	60	27	5.8	12	M12*1.75P	
-350-D60	420	350	321	29	20	100	78	60	27	5.8	12	M12*1.75P	
-400-D60	470	400	371	29	20	100	78	60	27	5.8	12	M12*1.75P	
-450-D60	520	450	421	29	20	100	78	60	27	5.8	12	M12*1.75P	
-500-D60	570	500	471	29	20	100	78	60	27	5.8	12	M12*1.75P	
-550-D60	620	550	521	29	20	100	78	60	27	5.8	12	M12*1.75P	
-600-D60	670	600	571	29	20	100	78	60	27	5.8	12	M12*1.75P	
-650-D60	720	650	621	29	20	100	78	60	27	5.8	12	M12*1.75P	
-700-D60	770	700	671	29	20	100	78	60	27	5.8	12	M12*1.75P	
-250-D74	320	250	221	29	20	100	78	74	27	5.8	12	M12*1.75P	
-300-D74	370	300	271	29	20	100	78	74	27	5.8	12	M12*1.75P	
-350-D74	420	350	321	29	20	100	78	74	27	5.8	12	M12*1.75P	
-400-D74	470	400	371	29	20	100	78	74	27	5.8	12	M12*1.75P	
-450-D74	520	450	421	29	20	100	78	74	27	5.8	12	M12*1.75P	
-500-D74	570	500	471	29	20	100	78	74	27	5.8	12	M12*1.75P	
-550-D74	620	550	521	29	20	100	78	74	27	5.8	12	M12*1.75P	
-600-D74	670	600	571	29	20	100	78	74	27	5.8	12	M12*1.75P	
-650-D74	720	650	621	29	20	100	78	74	27	5.8	12	M12*1.75P	
-700-D74	770	700	671	29	20	100	78	74	27	5.8	12	M12*1.75P	
-FMHC32-250-D80	322	250	221	29	22	100	95	80	32	6.8	14	M16*2.0P	
-300-D80	372	300	271	29	22	100	95	80	32	6.8	14	M16*2.0P	
-350-D80	422	350	321	29	22	100	95	80	32	6.8	14	M16*2.0P	
-400-D80	472	400	371	29	22	100	95	80	32	6.8	14	M16*2.0P	
-450-D80	522	450	421	29	22	100	95	80	32	6.8	14	M16*2.0P	
-500-D80	572	500	471	29	22	100	95	80	32	6.8	14	M16*2.0P	
-550-D80	622	550	521	29	22	100	95	80	32	6.8	14	M16*2.0P	
-600-D80	672	600	571	29	22	100	95	80	32	6.8	14	M16*2.0P	
-FMHC40-300-D90	375	300	271	29	25	100	98	90	40	8.3	16	M16*2.0P	
-350-D90	425	350	321	29	25	100	98	90	40	8.3	16	M16*2.0P	
-400-D90	475	400	371	29	25	100	98	90	40	8.3	16	M16*2.0P	
-450-D90	525	450	421	29	25	100	98	90	40	8.3	16	M16*2.0P	
-500-D90	575	500	471	29	25	100	98	90	40	8.3	16	M16*2.0P	
-550-D90	625	550	521	29	25	100	98	90	40	8.3	16	M16*2.0P	
-600-D90	675	600	571	29	25	100	98	90	40	8.3	16	M16*2.0P	

规格说明:

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 Shank size

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



FIG. 1

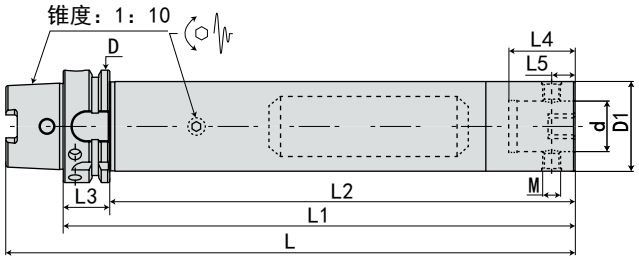
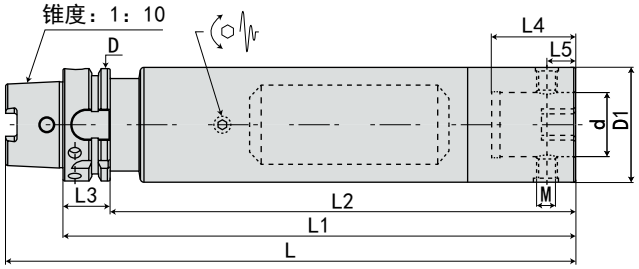




FIG. 2



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	
-175-D25	207	175	149	26	31	6.62	63	25	14	M5*0.5P	1	
-200-D25	232	200	174	26	31	6.62	63	25	14	M5*0.5P	1	
-200-D32	232	200	174	26	35	8	63	32	18	M6*0.75P	1	
-230-D32	262	230	204	26	35	8	63	32	18	M6*0.75P	1	
-260-D32	292	260	234	26	35	8	63	32	18	M6*0.75P	1	
-300-D32	332	300	274	26	35	8	63	32	18	M6*0.75P	1	
-CKC4-235-D40	267	235	209	26	39	10	63	40	22	M8*0.75P	1	
-275-D40	307	275	249	26	39	10	63	40	22	M8*0.75P	1	
-315-D40	347	315	289	26	39	10	63	40	22	M8*0.75P	1	
-350-D40	382	350	324	26	39	10	63	40	22	M8*0.75P	1	
-CKC5-315-D50	347	315	289	26	45	13	63	50	28	M10*1.0P	1	
-350-D50	382	350	324	26	45	13	63	50	28	M10*1.0P	1	
-400-D50	432	400	374	26	45	13	63	50	28	M10*1.0P	1	
-450-D50	482	450	424	26	45	13	63	50	28	M10*1.0P	1	
-500-D50	532	500	474	26	45	13	63	50	28	M10*1.0P	1	
-CKC6-295-D63	327	295	269	26	55	16	63	63	36	M12*1.0P	2	
-350-D63	382	350	324	26	55	16	63	63	36	M12*1.0P	2	
-400-D63	432	400	374	26	55	16	63	63	36	M12*1.0P	2	
-450-D63	482	450	424	26	55	16	63	63	36	M12*1.0P	2	
-500-D63	532	500	474	26	55	16	63	63	36	M12*1.0P	2	

规格说明:

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 Shank size

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



FIG. 1

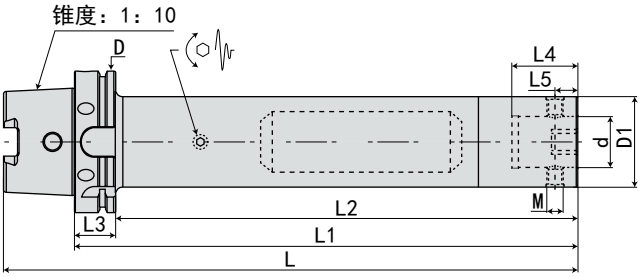
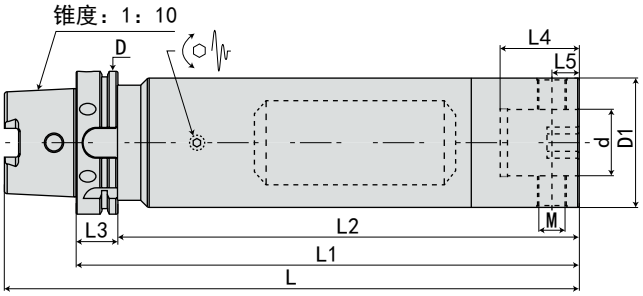




FIG. 2



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

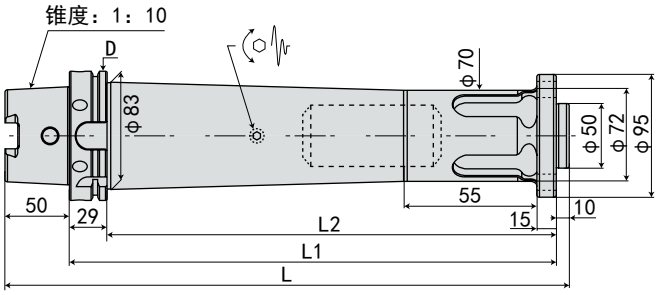
规格说明:

HSK100A - CKC - 2 - 160 - D25

- D25 刀杆直径 Diameter
- 160 L1 长度 Length (L1)
- 2 接口锥度 Model number of connection
- CKC 功能代号 Holder type
- HSK100A 锥柄形式 Shank size

·HSK100A-BSTC 阻尼减振镗刀柄 HSK100A-BSTC DAMPING BORING TOOL





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

规格说明:

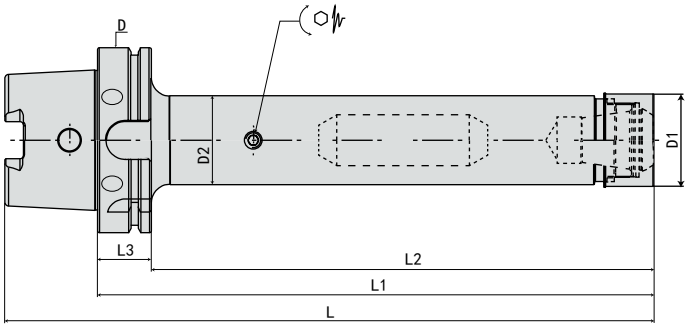
HSK100A - BSTC - 400

- 400：L1 长度 Length（L1）
- BSTC：功能代号 Holder type
- HSK100A：锥柄形式 Shank size

·HSK63A-SNER 阻尼减振刀柄

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	
-230-D38	252	230	204	26	63	38	40	1-16 mm	
-280-D38	302	280	254	26	63	38	40	1-16 mm	
-330-D38	352	330	304	26	63	38	40	1-16 mm	
-380-D38	402	380	354	26	63	38	40	1-16 mm	
-430-D38	452	430	404	26	63	38	40	1-16 mm	
-500-D38	522	500	474	26	63	38	40	1-16 mm	
-SNER32-180-D48	202	180	154	26	63	48	50	2-20 mm	
-230-D48	252	230	204	26	63	48	50	2-20 mm	
-280-D48	302	280	254	26	63	48	50	2-20 mm	
-330-D48	352	330	304	26	63	48	50	2-20 mm	
-380-D48	402	380	354	26	63	48	50	2-20 mm	
-430-D48	452	430	404	26	63	48	50	2-20 mm	
-500-D48	522	500	474	26	63	48	50	2-20 mm	

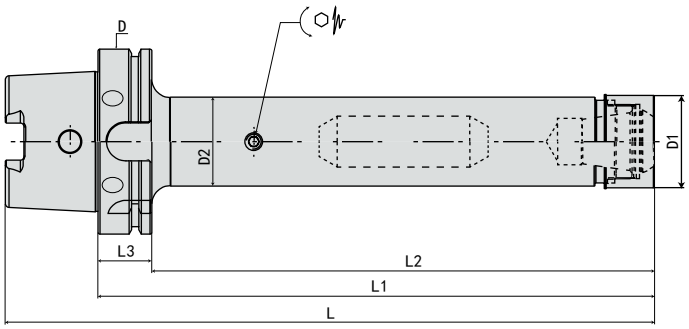
规格说明:

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 Shank size

·HSK100A-SNER 阻尼减振刀柄 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	
-280-D38	320	280	251	29	100	38	40	1-16 mm	
-330-D38	370	330	301	29	100	38	40	1-16 mm	
-380-D38	420	380	351	29	100	38	40	1-16 mm	
-430-D38	470	430	401	29	100	38	40	1-16 mm	
-480-D38	520	480	451	29	100	38	40	1-16 mm	
-530-D38	570	530	501	29	100	38	40	1-16 mm	
-600-D38	640	600	571	29	100	38	40	1-16 mm	
-SNER32-230-D48	270	230	201	29	100	48	50	2-20 mm	
-280-D48	320	280	251	29	100	48	50	2-20 mm	
-330-D48	370	330	301	29	100	48	50	2-20 mm	
-380-D48	420	380	351	29	100	48	50	2-20 mm	
-430-D48	470	430	401	29	100	48	50	2-20 mm	
-480-D48	520	480	451	29	100	48	50	2-20 mm	
-530-D48	570	530	501	29	100	48	50	2-20 mm	
-580-D48	620	580	551	29	100	48	50	2-20 mm	
-630-D48	670	630	601	29	100	48	50	2-20 mm	
-700-D48	740	700	671	29	100	48	50	2-20 mm	
-SNER40-230-D58	270	230	201	29	100	58	63	2-26 mm	
-280-D58	320	280	251	29	100	58	63	2-26 mm	
-330-D58	370	330	301	29	100	58	63	2-26 mm	
-380-D58	420	380	351	29	100	58	63	2-26 mm	
-430-D58	470	430	401	29	100	58	63	2-26 mm	
-480-D58	520	480	451	29	100	58	63	2-26 mm	
-530-D58	570	530	501	29	100	58	63	2-26 mm	
-580-D58	620	580	551	29	100	58	63	2-26 mm	
-630-D58	670	630	601	29	100	58	63	2-26 mm	
-700-D58	740	700	671	29	100	58	63	2-26 mm	

规格说明:

HSK63A - 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
- HSK63A 锥柄形式 Shank size

·SBT40-FMHC 阻尼减振铣刀柄

SBT40-FMHC DAMPING MILLING TOOL HOLDER





Fig. 1

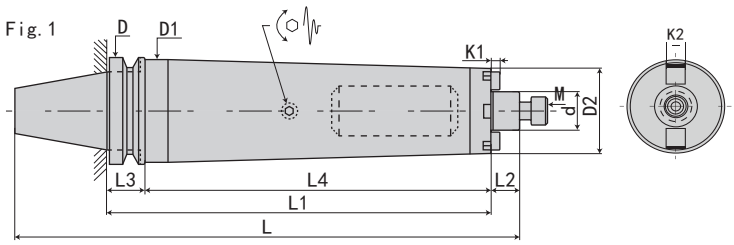
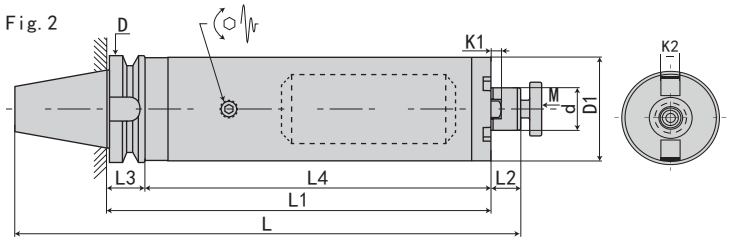


Fig. 2



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	
-200-D37	282.4	200	17	26	174	63	40	37	16	3.2	8	M8*1.25P	1	
-250-D37	332.4	250	17	26	224	63	40	37	16	3.2	8	M8*1.25P	1	
-300-D37	382.4	300	17	26	274	63	40	37	16	3.2	8	M8*1.25P	1	
-350-D37	432.4	350	17	26	324	63	40	37	16	3.2	8	M8*1.25P	1	
-FMHC22-150-D47	233.4	150	18	26	124	63	50	47	22	4.8	10	M10*1.25P	1	
-200-D47	283.4	200	18	26	174	63	50	47	22	4.8	10	M10*1.25P	1	
-250-D47	333.4	250	18	26	224	63	50	47	22	4.8	10	M10*1.25P	1	
-300-D47	383.4	300	18	26	274	63	50	47	22	4.8	10	M10*1.25P	1	
-350-D47	433.4	350	18	26	324	63	50	47	22	4.8	10	M10*1.25P	1	
-400-D47	483.4	400	18	26	374	63	50	47	22	4.8	10	M10*1.25P	1	
-450-D47	533.4	450	18	26	424	63	50	47	22	4.8	10	M10*1.25P	1	
-500-D47	583.4	500	18	26	474	63	50	47	22	4.8	10	M10*1.25P	1	
-FMHC27-200-D60	283.4	200	20	26	174	63	-	60	27	5.8	12	M12*1.75P	2	
-250-D60	333.4	250	20	26	224	63	-	60	27	5.8	12	M12*1.75P	2	
-300-D60	383.4	300	20	26	274	63	-	60	27	5.8	12	M12*1.75P	2	
-350-D60	433.4	350	20	26	324	63	-	60	27	5.8	12	M12*1.75P	2	
-400-D60	483.4	400	20	26	374	63	-	60	27	5.8	12	M12*1.75P	2	
-450-D60	533.4	450	20	26	424	63	-	60	27	5.8	12	M12*1.75P	2	
-500-D60	583.4	500	20	26	474	63	-	60	27	5.8	12	M12*1.75P	2	

规格说明:

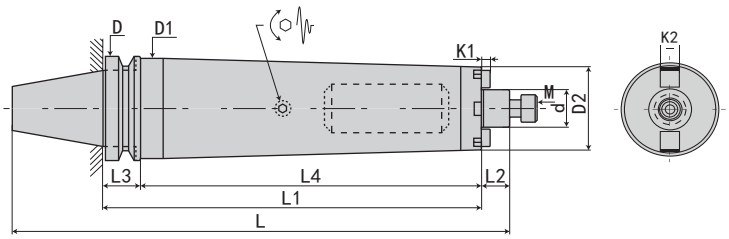
SBT40 - FMHC - 16 - 150 - D37

- 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 Shank size

·SBT50-FMHC 阻尼减振铣刀柄

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	
-250-D37	368.8	250	17	36.5	213.5	100	40	37	16	3.2	8	M8*1.25P	
-300-D37	418.8	300	17	36.5	263.5	100	40	37	16	3.2	8	M8*1.25P	
-350-D37	468.8	350	17	36.5	313.5	100	40	37	16	3.2	8	M8*1.25P	
-FMHC22-200-D47	319.8	400	18	36.5	363.5	100	50	47	22	4.8	10	M10*1.25P	
-250-D47	369.8	450	18	36.5	413.5	100	50	47	22	4.8	10	M10*1.25P	
-300-D47	419.8	500	18	36.5	463.5	100	50	47	22	4.8	10	M10*1.25P	
-350-D47	469.8	350	18	36.5	313.5	100	50	47	22	4.8	10	M10*1.25P	
-400-D47	519.8	400	18	36.5	363.5	100	50	47	22	4.8	10	M10*1.25P	
-450-D47	569.8	450	18	36.5	413.5	100	50	47	22	4.8	10	M10*1.25P	
-500-D47	619.8	500	18	36.5	463.5	100	50	47	22	4.8	10	M10*1.25P	
-550-D47	669.8	550	18	36.5	513.5	100	50	47	22	4.8	10	M10*1.25P	
-600-D47	719.8	600	18	36.5	563.5	100	50	47	22	4.8	10	M10*1.25P	
-650-D47	769.8	650	18	36.5	613.5	100	50	47	22	4.8	10	M10*1.25P	
-700-D47	819.8	700	18	36.5	663.5	100	50	47	22	4.8	10	M10*1.25P	
-250-D58	369.8	250	18	36.5	213.5	100	62	58	22	4.8	10	M10*1.25P	
-300-D58	419.8	300	18	36.5	263.5	100	62	58	22	4.8	10	M10*1.25P	
-350-D58	469.8	350	18	36.5	313.5	100	62	58	22	4.8	10	M10*1.25P	
-400-D58	519.8	400	18	36.5	363.5	100	62	58	22	4.8	10	M10*1.25P	
-450-D58	569.8	450	18	36.5	413.5	100	62	58	22	4.8	10	M10*1.25P	
-500-D58	619.8	500	18	36.5	463.5	100	62	58	22	4.8	10	M10*1.25P	
-550-D58	669.8	550	18	36.5	513.5	100	62	58	22	4.8	10	M10*1.25P	
-600-D58	719.8	600	18	36.5	563.5	100	62	58	22	4.8	10	M10*1.25P	
-650-D58	769.8	650	18	36.5	613.5	100	62	58	22	4.8	10	M10*1.25P	
-700-D58	819.8	700	18	36.5	663.5	100	62	58	22	4.8	10	M10*1.25P	

规格说明:

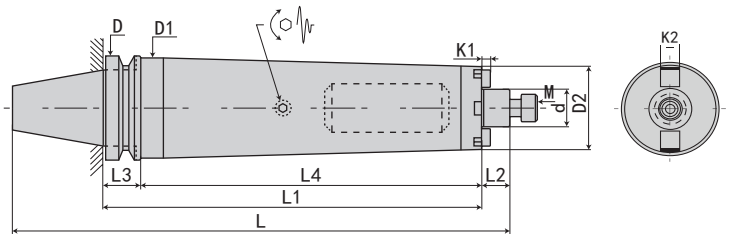
SBT50 - FMHC - 16 - 200 - D37

- 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 Shank size

·SBT50-FMHC 阻尼减振铣刀柄

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

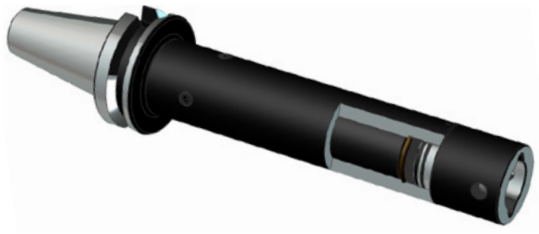
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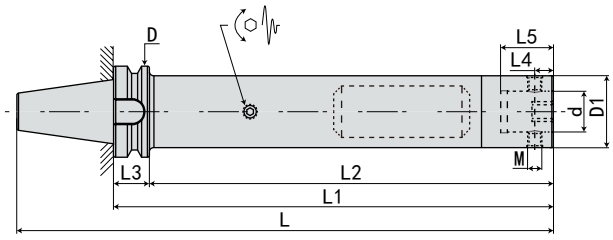
SBT50 - FMHC - 27 - 250 - D58

- D58 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
- SBT50 锥柄形式 Shank size

·SBT40-CKC 阻尼减振镗刀柄

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

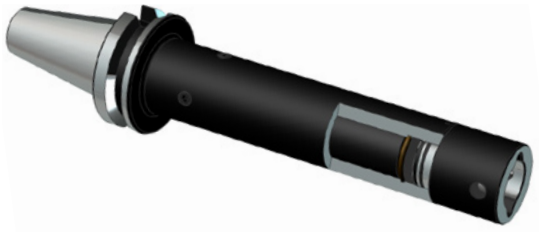
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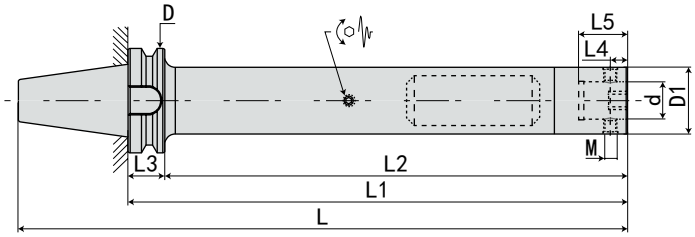
SBT40 - CKC - 2 - 150 - D25

- 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 Face mill holder type
- SBT40 锥柄形式 Shank size

·SBT50-CKC 阻尼减振镗刀柄

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

规格说明:

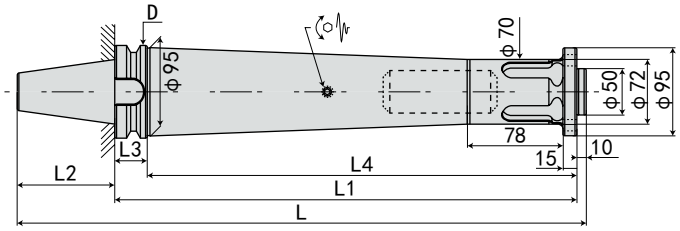
SBT50 - CKC - 2 - 160 - D25

- D25 刀杆直径 Diameter
- 160 L1 长度 Length（L）
- 2 接口锥度 Model number of connection
- CKC 功能代号 Face mill holder type
- SBT50 锥柄形式 Shank size

·SBT50-BSTC 阻尼减振镗刀柄

SBT50-BSTC 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	
-450	551.8	450	101.8	36.5	413.5	100	
-500	601.8	500	101.8	36.5	463.5	100	
-600	701.8	600	101.8	36.5	563.5	100	
-700	801.8	700	101.8	36.5	663.5	100	

规格说明:

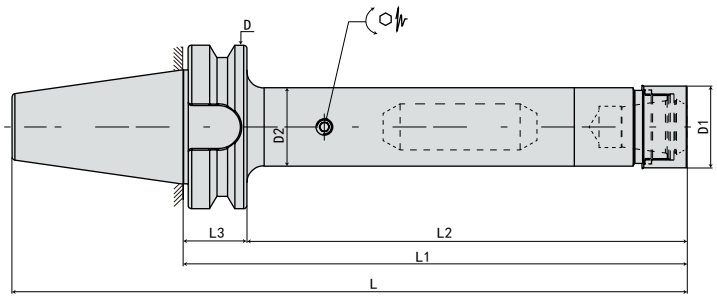
SBT50 - BSTC - 400

- 400: L1 长度 Length（L1）
- BSTC: 功能代号 Holder type
- SBT50: 锥柄形式 Shank size

·SBT40-SNER 阻尼减振刀柄

SBT40-SNER DAMPING ANTI-VIBRATION TOOL HOLDER





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	
-230-D38	285.4	230	204	26	63	38	40	1-16 mm	
-280-D38	335.4	280	254	26	63	38	40	1-16 mm	
-330-D38	385.4	330	304	26	63	38	40	1-16 mm	
-380-D38	435.4	380	354	26	63	38	40	1-16 mm	
-430-D38	485.4	430	404	26	63	38	40	1-16 mm	
-500-D38	555.4	500	474	26	63	38	40	1-16 mm	
-SNER32-180-D48	235.4	180	154	26	63	48	50	2-20 mm	
-230-D48	285.4	230	204	26	63	48	50	2-20 mm	
-280-D48	335.4	280	254	26	63	48	50	2-20 mm	
-330-D48	385.4	330	304	26	63	48	50	2-20 mm	
-380-D48	435.4	380	354	26	63	48	50	2-20 mm	
-430-D48	485.4	430	404	26	63	48	50	2-20 mm	
-500-D48	555.4	500	474	26	63	48	50	2-20 mm	

规格说明:

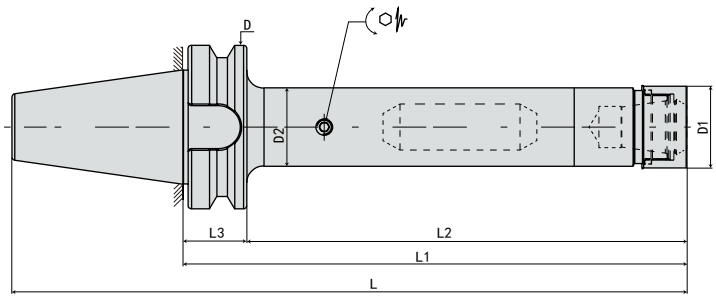
SBT40 - SNER - 25 - 180 - D38

- 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 Shank size

·SBT50-SNER 阻尼减振刀柄

SBT50-SNER DAMPING ANTI-VIBRATION TOOL HOLDER





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	
-280-D38	371.8	280	243.5	36.5	100	38	40	1-16 mm	
-330-D38	421.8	330	293.5	36.5	100	38	40	1-16 mm	
-380-D38	471.8	380	343.5	36.5	100	38	40	1-16 mm	
-430-D38	521.8	430	393.5	36.5	100	38	40	1-16 mm	
-480-D38	571.8	480	443.5	36.5	100	38	40	1-16 mm	
-530-D38	621.8	530	493.5	36.5	100	38	40	1-16 mm	
-600-D38	691.8	600	563.5	36.5	100	38	40	1-16 mm	
-SNER32-230-D48	321.8	230	193.5	36.5	100	48	50	2-20 mm	
-280-D48	371.8	280	243.5	36.5	100	48	50	2-20 mm	
-330-D48	421.8	330	293.5	36.5	100	48	50	2-20 mm	
-380-D48	471.8	380	343.5	36.5	100	48	50	2-20 mm	
-430-D48	521.8	430	393.5	36.5	100	48	50	2-20 mm	
-480-D48	571.8	480	443.5	36.5	100	48	50	2-20 mm	
-530-D48	621.8	530	493.5	36.5	100	48	50	2-20 mm	
-580-D48	671.8	580	543.5	36.5	100	48	50	2-20 mm	
-630-D48	721.8	630	593.5	36.5	100	48	50	2-20 mm	
-700-D48	791.8	700	663.5	36.5	100	48	50	2-20 mm	
-SNER40-230-D58	321.8	230	193.5	36.5	100	58	63	2-26 mm	
-280-D58	371.8	280	243.5	36.5	100	58	63	2-26 mm	
-330-D58	421.8	330	293.5	36.5	100	58	63	2-26 mm	
-380-D58	471.8	380	343.5	36.5	100	58	63	2-26 mm	
-430-D58	521.8	430	393.5	36.5	100	58	63	2-26 mm	
-480-D58	571.8	480	443.5	36.5	100	58	63	2-26 mm	
-530-D58	621.8	530	493.5	36.5	100	58	63	2-26 mm	
-580-D58	671.8	580	543.5	36.5	100	58	63	2-26 mm	
-630-D58	721.8	630	593.5	36.5	100	58	63	2-26 mm	
-700-D58	791.8	700	663.5	36.5	100	58	63	2-26 mm	

规格说明:

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 Shank size

HSK

DIN 69893-A

PRECISION TOOL HOLDERS SYSTEM

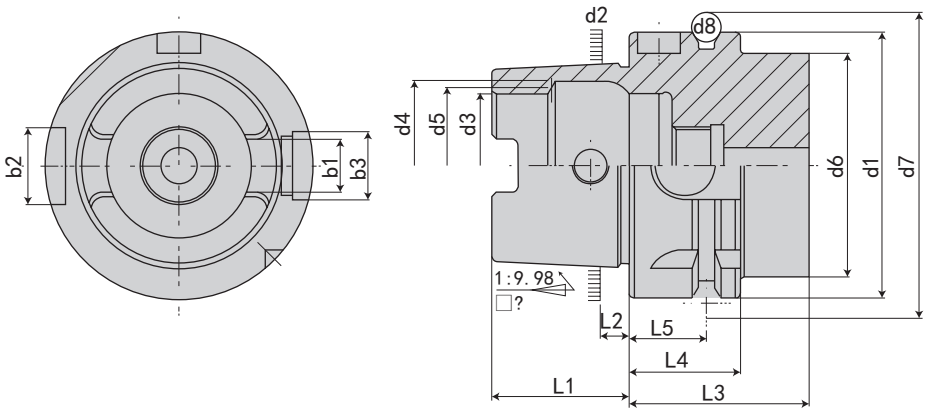


HSK数控刀柄系列

CNC TOOL SYSTEMS

·参考资料 REFERENCE DETAILS

DIN 69893A



规 格 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	9	7
HSK40A	40	30.007	21	25.5	23	34	45	4	20	4	35	20	16	8.05	11	9
HSK50A	50	38.009	26	32	29	42	59.3	7	25	5	42	26	18	10.54	14	12
HSK63A	63	48.010	34	40	37	53	72.3	7	32	6.3	42	26	18	12.54	18	16
HSK80A	80	60.012	42	50	46	67	88.8	7	40	8	42	26	18	16.04	20	18
HSK100A	100	75.013	53	63	58	85	109.75	7	50	10	45	29	20	20.02	22	20

特点：

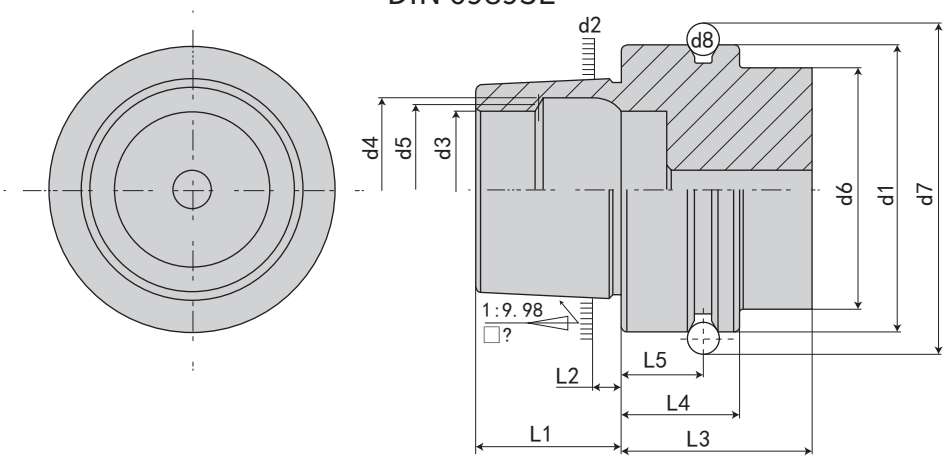
注：
◎锥度精度：< AT3
◎基本材质：20CrMnTi/15CrMo
◎硬度：HRC56° 渗碳深度 > 0.8mm
◎真圆度：< 0.8μm
◎表面粗糙度：Ra < 0.5μm
◎刀杆有预设标准动平衡 G6.3，可另外指定精密动平衡 G2.5
◎本体规范：DIN 69893-1

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.

·参考资料 REFERENCE DETAILS

DIN 69893E



规 格 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:

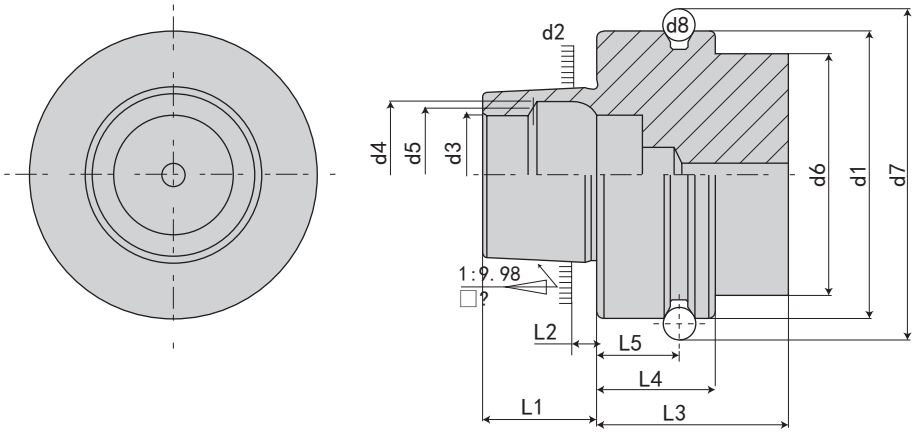
注:
◎锥度精度: < AT3
◎基本材质: 20CrMnTi/15CrMo
◎硬度: HRC56° 渗碳深度 > 0.8mm
◎真圆度: < 0.8μm
◎表面粗糙度: Ra < 0.5μm
◎刀杆有预设标准动平衡 G6.3, 可另外指定精密动平衡 G2.5
◎本体规范: DIN 69893-5

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.

·参考资料 REFERENCE DETAILS

DIN 69893F



规 格 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
HSK80F	80	48	34	40	37	67	88.8	7	32	6.3	42	26	18

特点：

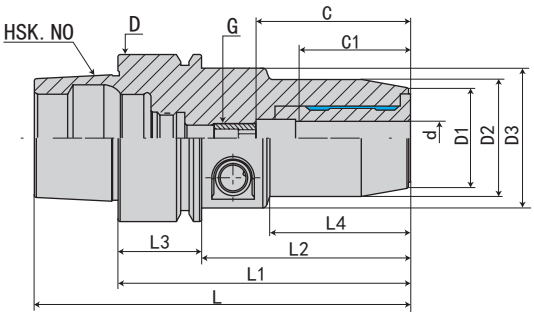
注：
◎锥度精度：< AT3
◎基本材质：20CrMnTi/15CrMo
◎硬度：HRC56° 渗碳深度> 0.8mm
◎真圆度：< 0.8μm
◎表面粗糙度：Ra < 0.5μm
◎刀杆有预设标准动平衡 G6.3，可另外指定精密动平衡 G2.5
◎本体规范：DIN 69893-6

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
-PHC3.175-80	96	80	60	20	29	32	20	23	40	3.175	*	18	*	0.5
-PHC04-80	96	80	60	20	29	32	21	24	40	4	*	24	*	0.5
-PHC05-80	96	80	60	20	29	32	21	25	40	5	*	26	*	0.5
-PHC06-80	96	80	60	20	29	32	22	26	40	6	37	27	M5*0.8P	0.5
-PHC08-80	96	80	60	20	29	32	24	28	40	8	37	27	M6*1.0P	0.5
-PHC10-85	101	85	65	20	35	32	26	30	40	10	41	31	M6*1.0P	0.5
-PHC12-90	106	90	70	20	40	32	28	32	40	12	46	36	M6*1.0P	0.5

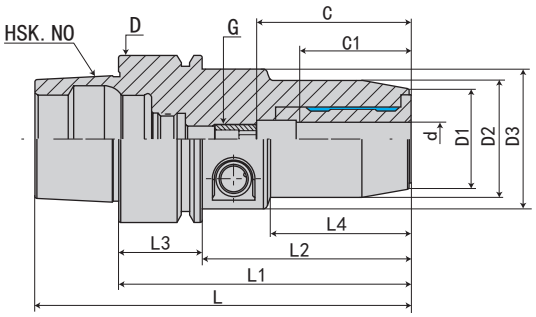
规格说明:

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
-PHC3.175-70	90	70	50	20	36	40	20	23	33.5	3.175	*	18	*	0.5
-PHC4-70	90	70	50	20	36	40	21	24	33.5	4	*	24	*	0.5
-PHC05-70	90	70	50	20	36	40	21	25	33.5	5	*	26	*	0.5
-PHC06-70	90	70	50	20	36	40	22	26	33.5	6	37	27	M5*0.8P	0.5
-PHC08-70	90	70	50	20	36	40	24	28	33.5	8	37	27	M6*1.0P	0.5
-PHC10-75	95	75	55	20	42	40	26	30	33.5	10	41	31	M6*1.0P	0.5
-PHC12-80	100	80	60	20	48	40	28	32	33.5	12	46	36	M6*1.0P	0.6

规格说明:

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

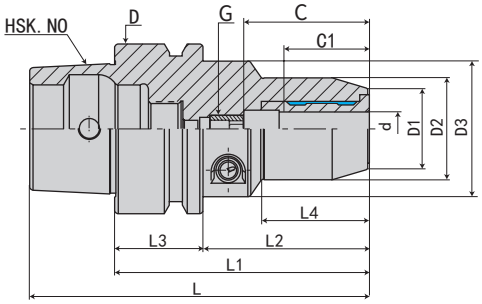
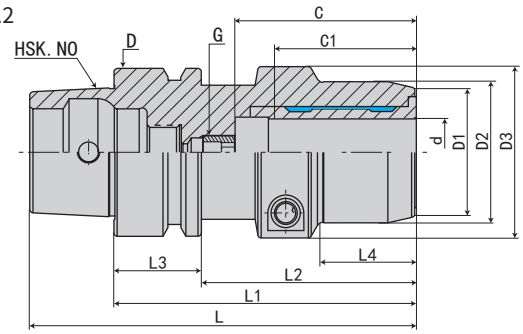


FIG.2



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
-PHC3.175-70	95	70	44	26	28	50	20	23	40	3.175	*	18	*	1	0.7
-PHC04-70	95	70	44	26	28	50	21	24	40	4	*	24	*	1	0.7
-PHC05-70	95	70	44	26	28	50	21	25	40	5	*	26	*	1	0.7
-PHC06-70	95	70	44	26	28	50	22	26	40	6	37	27	M5*0.8P	1	0.7
-PHC08-70	95	70	44	26	28	50	24	28	40	8	37	27	M6*1.0P	1	0.7
-PHC10-75	100	75	49	26	34	50	26	30	40	10	41	31	M8*1.0P	1	0.7
-PHC12-85	110	85	59	26	44	50	28	32	40	12	46	36	M10*1.0P	1	0.8
-PHC14-85	110	85	59	26	44	50	30	34	40	14	46	36	M10*1.0P	1	0.9
-PHC16-90	120	90	64	26	30	50	34	38	40	16	49	39	M10*1.0P	1	1
-PHC18-90	120	90	64	26	29	50	36	40	53	18	49	39	M10*1.0P	2	1.05
-PHC20-90	120	90	64	26	29	50	38	42	60	20	51	41	M10*1.0P	2	1.1

规格说明:

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

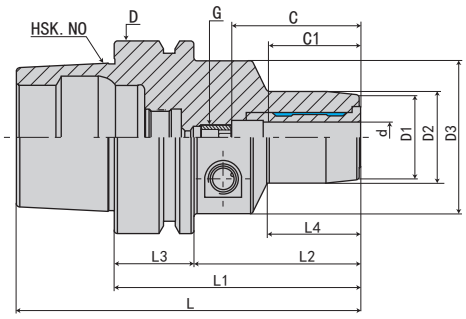
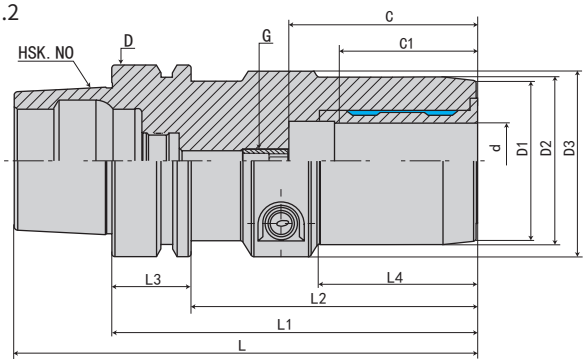


FIG.2



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
-PHC06- 70	102	70	44	26	24	63	22	26	50	6	37	27	M5*0.8P	1	1.1
-PHC08- 70	102	70	44	26	24	63	24	28	50	8	37	27	M6*1.0P	1	1.1
-PHC10- 80	112	80	54	26	35	63	26	30	50	10	41	31	M8*1.0P	1	1.1
-PHC12- 85	117	85	59	26	40	63	28	32	50	12	46	36	M10*1.0P	1	1.2
-PHC14- 85	117	85	59	26	40	63	30	34	50	14	46	36	M10*1.0P	1	1.2
-PHC16- 90	122	90	64	26	46	63	34	38	50	16	49	39	M12*1.0P	1	1.3
-PHC18- 90	122	90	64	26	47	63	36	40	50	18	49	39	M12*1.0P	1	1.3
-PHC20- 90	122	90	64	26	48	63	38	42	50	20	51	41	M16*1.0P	1	1.3
-PHC25-120	152	120	94	26	59	63	53	57	63	25	57	47	M16*1.0P	2	2.3
-PHC32-125	157	125	99	26	63	63	60	64	75	32	61	51	M16*1.0P	2	2.8

规格说明:

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

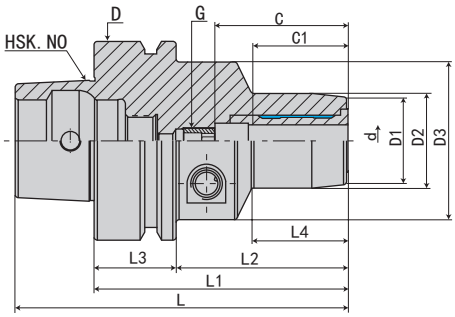
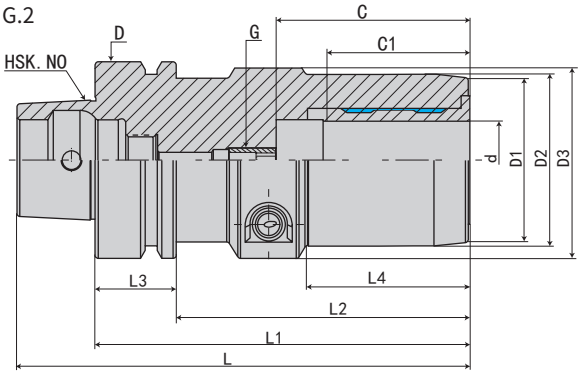


FIG.2



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
-PHC06- 70	95	70	44	26	24	63	22	26	50	6	37	27	M5*0.8P	1	1
-PHC08- 70	95	70	44	26	24	63	24	28	50	8	37	27	M6*1.0P	1	1
-PHC10- 80	105	80	54	26	35	63	26	30	50	10	41	31	M8*1.0P	1	1.1
-PHC12- 85	110	85	59	26	40	63	28	32	50	12	46	36	M10*1.0P	1	1.1
-PHC14- 85	110	85	59	26	40	63	30	34	50	14	46	36	M10*1.0P	1	1.2
-PHC16- 90	115	90	64	26	46	63	34	38	50	16	49	39	M12*1.0P	1	1.2
-PHC18- 90	115	90	64	26	47	63	36	40	50	18	49	39	M12*1.0P	1	1.4
-PHC20- 90	115	90	64	26	48	63	38	42	50	20	51	41	M16*1.0P	1	1.4
-PHC25-120	145	120	94	26	59	63	53	57	53	25	57	47	M16*1.0P	2	2.1
-PHC32-125	150	125	99	26	63	63	60	64	53	32	61	51	M16*1.0P	2	2.2

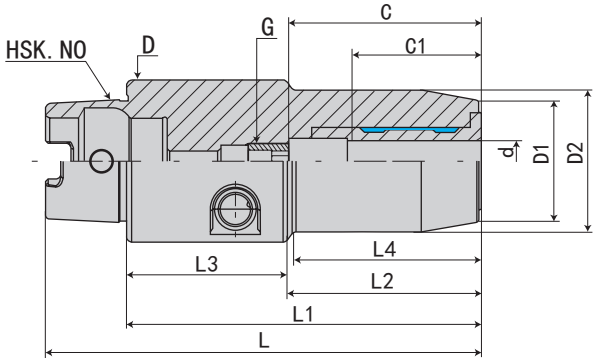
规格说明:

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	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
HSK32C-PHC05-65	81	65	45	20	29	32	21	25	5	*	26	*	0.5	
-PHC06-65	81	65	45	20	29	32	22	26	40	6	37	27	M5*0.8P	0.5
-PHC08-70	86	70	50	20	29	32	24	28	40	8	37	27	M6*1.0P	0.5
-PHC10-75	91	75	55	20	35	32	26	30	40	10	41	31	M6*1.0P	0.5
-PHC12-80	96	80	60	20	40	32	28	32	40	12	46	36	M6*1.0P	0.5

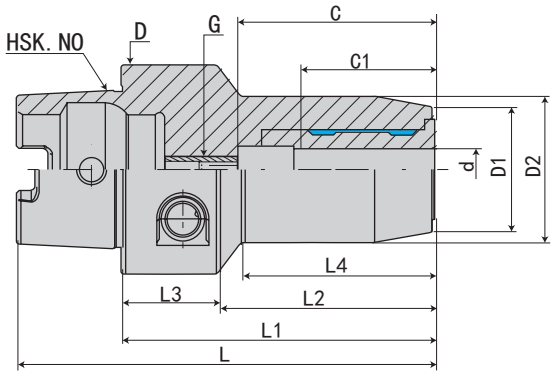
规格说明:

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
-PHC06-60	80	60	40	20	35	40	22	26	6	37	27	M5*0.8P	0.4
-PHC08-60	80	60	40	20	36	40	24	28	8	37	27	M6*1.0P	0.4
-PHC10-65	85	65	45	20	41	40	26	30	10	41	31	M6*1.0P	0.5
-PHC12-70	90	70	50	20	47	40	28	32	12	46	36	M6*1.0P	0.5

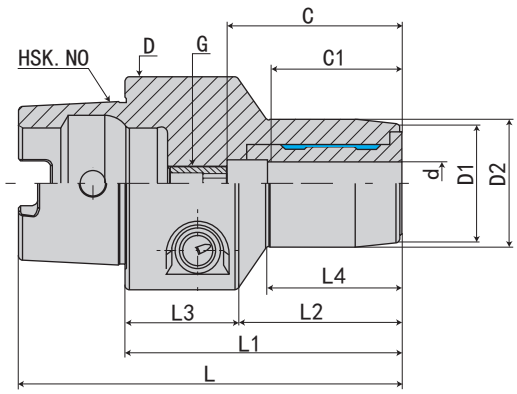
规格说明:

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
-PHC06-60	85	60	34	26	30	50	22	26	6	37	27	M5*0.8P	0.6
-PHC08-60	85	60	34	26	30	50	24	28	8	37	27	M6*1.0P	0.6
-PHC10-65	90	65	39	26	35	50	26	30	10	41	31	M8*1.0P	0.7
-PHC12-75	100	75	49	26	40	50	28	32	12	46	36	M10*1.0P	0.7
-PHC14-75	100	75	49	26	40	50	30	34	14	46	36	M10*1.0P	0.7
-PHC16-80	105	80	54	26	50	50	34	38	16	49	39	M12*1.0P	0.8
-PHC18-80	105	80	54	26	50	50	36	40	18	49	39	M12*1.0P	0.9
-PHC20-80	105	80	54	26	50	50	38	42	20	51	41	M16*1.0P	0.9

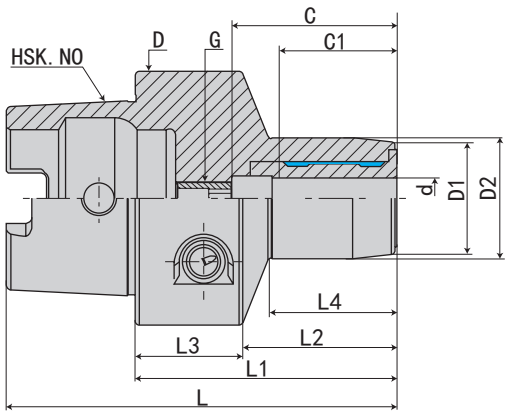
规格说明:

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
-PHC06- 60	92	60	34	26	25	63	22	26	6	37	27	M5*0.8P	0.9
-PHC08- 60	92	60	34	26	25	63	24	28	8	37	27	M6*1.0P	0.9
-PHC10- 65	97	65	39	26	31	63	26	30	10	41	31	M8*1.0P	1
-PHC12- 75	107	75	49	26	41	63	28	32	12	46	36	M10*1.0P	1
-PHC14- 75	107	75	49	26	42	63	30	34	14	46	36	M10*1.0P	1.1
-PHC16- 80	112	80	54	26	48	63	34	38	16	49	39	M12*1.0P	1.1
-PHC18- 80	112	80	54	26	48	63	36	40	18	49	39	M12*1.0P	1.2
-PHC20- 80	112	80	54	26	49	63	38	42	20	51	41	M16*1.0P	1.2
-PHC25- 95	127	95	69	26	63	63	53	57	25	57	47	M16*1.0P	1.8
-PHC32-100	132	100	74	26	60	63	59	63	32	61	51	M16*1.0P	2

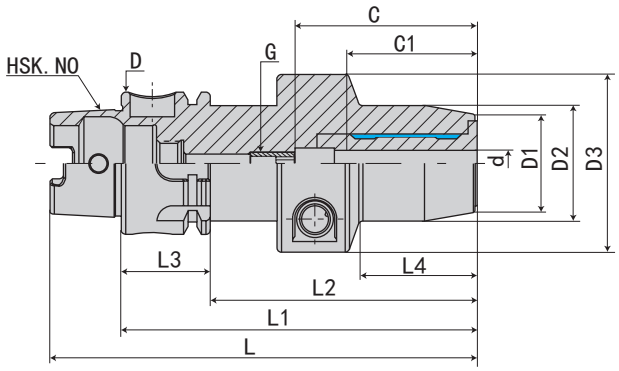
规格说明:

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
-PHC3.175-80	96	80	60	20	29	32	20	23	40	3.175	*	18	*	0.5
-PHC04-80	96	80	60	20	29	32	21	24	40	4	*	24	*	0.5
-PHC05-80	96	80	60	20	29	32	21	25	40	5	*	26	*	0.5
-PHC06-80	96	80	60	20	29	32	22	26	40	6	37	27	M5*0.8P	0.5
-PHC08-80	96	80	60	20	29	32	24	28	40	8	37	27	M6*1.0P	0.5
-PHC10-85	101	85	65	20	35	32	26	30	40	10	41	31	M6*1.0P	0.5
-PHC12-90	106	90	70	20	40	32	28	32	40	12	46	36	M6*1.0P	0.5

规格说明:

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

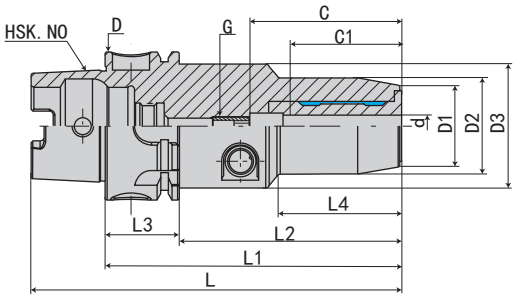
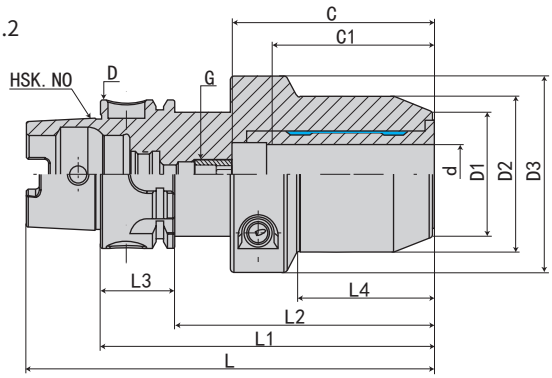


FIG.2



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
-PHC3.175-70	90	70	50	20	36	40	20	23	33.5	3.175	*	18	*	1	0.4
-PHC04- 70	90	70	50	20	36	40	21	24	33.5	4	*	24	*	1	0.4
-PHC05- 70	90	70	50	20	36	40	21	25	33.5	5	*	26	*	1	0.4
-PHC06- 70	90	70	50	20	36	40	22	26	33.5	6	37	27	M5*0.8P	1	0.4
-PHC08- 70	90	70	50	20	36	40	24	28	33.5	8	37	27	M6*1.0P	1	0.5
-PHC10- 75	95	75	55	20	42	40	26	30	33.5	10	41	31	M6*1.0P	1	0.5
-PHC12- 80	100	80	60	20	48	40	28	32	33.5	12	46	36	M6*1.0P	1	0.5
-PHC14- 85	105	85	65	20	32	40	30	34	53	14	46	36	M8*1.0P	2	0.7
-PHC16- 90	110	90	70	20	37	40	34	38	53	16	49	39	M8*1.0P	2	0.8
-PHC18- 95	115	95	75	20	42	40	36	40	53	18	49	39	M8*1.0P	2	0.8
-PHC20-100	120	100	80	20	47	40	38	42	53	20	51	41	M8*1.0P	2	1

规格说明:

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

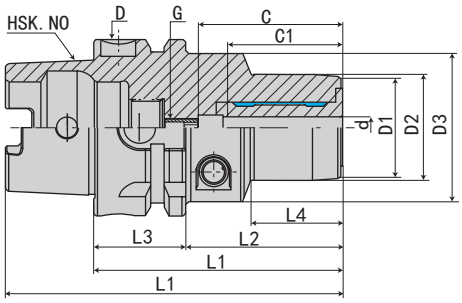
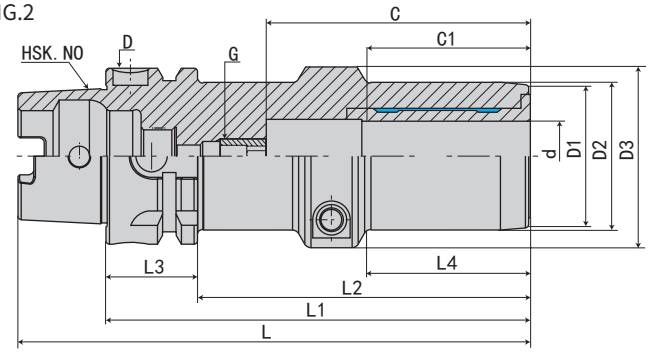


FIG.2



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
-PHC3.175- 70	95	70	44	26	28	50	20	23	40	3.175	*	18	*	1	0.7
-PHC04- 70	95	70	44	26	28	50	21	24	40	4	*	24	*	1	0.7
-PHC05- 70	95	70	44	26	28	50	21	25	40	5	*	26	*	1	0.7
-PHC06- 70	95	70	44	26	28	50	22	26	40	6	37	27	M5*0.8P	1	0.7
-PHC08- 70	95	70	44	26	28	50	24	28	40	8	37	27	M6*1.0P	1	0.7
-PHC10- 75	100	75	49	26	34	50	26	30	40	10	41	31	M8*1.0P	1	0.7
-PHC12- 85	110	85	59	26	44	50	28	32	40	12	46	36	M10*1.0P	1	0.8
-PHC14- 85	110	85	59	26	44	50	30	34	40	14	46	36	M10*1.0P	1	0.8
-PHC16- 90	115	90	64	26	30	50	34	38	53	16	49	39	M10*1.0P	2	1.1
-PHC18- 90	115	90	64	26	30	50	36	40	57	18	49	39	M10*1.0P	2	1.1
-PHC20- 90	115	90	64	26	29	50	38	42	60	20	51	41	M10*1.0P	2	1.1
-PHC25-100	125	100	74	26	43	50	53	57	63	25	57	47	M10*1.0P	2	1.9
-PHC32-110	135	110	84	26	46	50	59	63	67	32	61	51	M10*1.0P	2	2.1

规格说明:

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

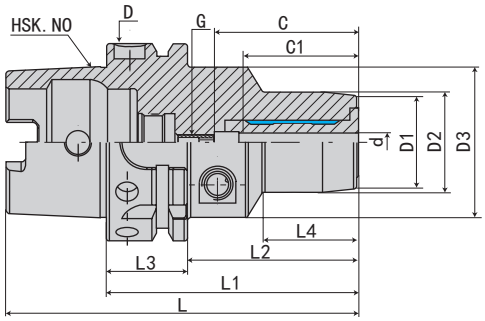
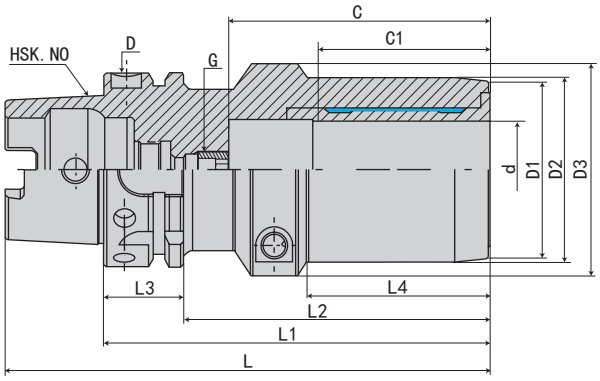


FIG.2



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
-PHC03.175- 70	102	70	44	26	24	63	20	23	50	3.175	*	18	*	1	1
-PHC04- 70	102	70	44	26	24	63	21	24	50	4	*	24	*	1	1
-PHC05- 70	102	70	44	26	24	63	21	25	50	5	*	26	*	1	1
-PHC06- 70	102	70	44	26	24	63	22	26	50	6	37	27	M5*0.8P	1	1
-PHC08- 70	102	70	44	26	24	63	24	28	50	8	37	27	M6*1.0P	1	1
-PHC10- 80	112	80	54	26	35	63	26	30	50	10	41	31	M8*1.0P	1	1.1
-PHC12- 85	117	85	59	26	40	63	28	32	50	12	46	36	M10*1.0P	1	1.1
-PHC14- 85	117	85	59	26	40	63	30	34	50	14	46	36	M10*1.0P	1	1.1
-PHC16- 90	122	90	64	26	46	63	34	38	50	16	49	39	M12*1.0P	1	1.2
-PHC18- 90	122	90	64	26	47	63	36	40	50	18	49	39	M12*1.0P	1	1.3
-PHC20- 90	122	90	64	26	48	63	38	42	50	20	51	41	M16*1.0P	1	1.3
-PHC25-120	152	120	94	26	63	63	53	57	63	25	57	47	M16*1.0P	2	2.16
-PHC32-125	157	125	99	26	61	63	59	63	69	32	61	51	M16*1.0P	2	2.7
-PHC40-140	172	140	114	26	65	63	67	71	74	40			M16*1.0P	2	3.2
-PHC42-140	172	140	114	26	65	63	69	73	74	42			M16*1.0P	2	3.2

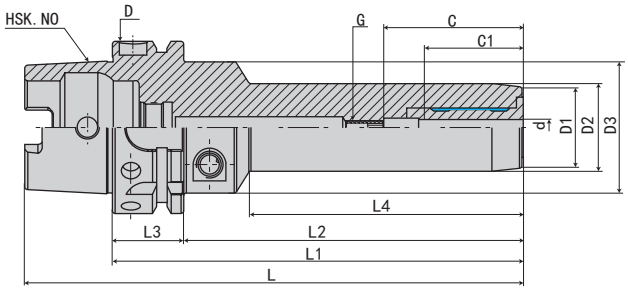
规格说明:

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
-150	182	150	124	26	103	63	21	25	50	5	*	26	*	1.7
-200	232	200	174	26	153	63	21	25	50	5	*	26	*	1.9
-250	282	250	224	26	203	63	21	25	50	5	*	26	*	2.1
-JPHC06-120	152	120	94	26	73	63	22	26	50	6	37	27	M5*0.8P	1.2
-150	182	150	124	26	103	63	22	26	50	6	37	27	M5*0.8P	1.7
-200	232	200	174	26	153	63	22	26	50	6	37	27	M5*0.8P	1.9
-250	282	250	224	26	203	63	22	26	50	6	37	27	M5*0.8P	2.1
-JPHC08-120	152	120	94	26	74	63	24	28	50	8	37	27	M6*1.0P	1.2
-150	182	150	124	26	104	63	24	28	50	8	37	27	M6*1.0P	1.7
-200	232	200	174	26	154	63	24	28	50	8	37	27	M6*1.0P	1.9
-250	282	250	224	26	204	63	24	28	50	8	37	27	M6*1.0P	2.1
-JPHC10-120	152	120	94	26	74	63	26	30	50	10	41	31	M8*1.0P	1.2
-150	182	150	124	26	104	63	26	30	50	10	41	31	M8*1.0P	1.7
-200	232	200	174	26	154	63	26	30	50	10	41	31	M8*1.0P	1.9
-250	282	250	224	26	204	63	26	30	50	10	41	31	M8*1.0P	2.1
-JPHC12-120	152	120	94	26	75	63	28	32	50	12	46	36	M10*1.0P	1.3
-150	182	150	124	26	105	63	28	32	50	12	46	36	M10*1.0P	1.7
-200	232	200	174	26	155	63	28	32	50	12	46	36	M10*1.0P	1.9
-250	282	250	224	26	204	63	28	32	50	12	46	36	M10*1.0P	2.2
-JPHC14-120	152	120	94	26	75	63	30	34	50	14	46	36	M10*1.0P	1.3
-150	182	150	124	26	105	63	30	34	50	14	46	36	M10*1.0P	1.7
-200	232	200	174	26	155	63	30	34	50	14	46	36	M10*1.0P	1.9
-250	282	250	224	26	204	63	30	34	50	14	46	36	M10*1.0P	2.2
-JPHC16-120	152	120	94	26	76	63	34	38	50	16	49	39	M12*1.0P	1.4
-150	182	150	124	26	106	63	34	38	50	16	49	39	M12*1.0P	2
-200	232	200	174	26	156	63	34	38	50	16	49	39	M12*1.0P	2.3
-250	282	250	224	26	206	63	34	38	50	16	49	39	M12*1.0P	2.6
-JPHC18-120	152	120	94	26	77	63	36	40	50	18	49	39	M12*1.0P	1.5
-150	182	150	124	26	107	63	36	40	50	18	49	39	M12*1.0P	2.1
-200	232	200	174	26	157	63	36	40	50	18	49	39	M12*1.0P	2.4
-250	282	250	224	26	207	63	36	40	50	18	49	39	M12*1.0P	2.7
-JPHC20-120	152	120	94	26	78	63	38	42	50	20	51	41	M16*1.0P	1.5
-150	182	150	124	26	108	63	38	42	50	20	51	41	M16*1.0P	2.1
-200	232	200	174	26	158	63	38	42	50	20	51	41	M16*1.0P	2.4
-250	282	250	224	26	208	63	38	42	50	20	51	41	M16*1.0P	2.7

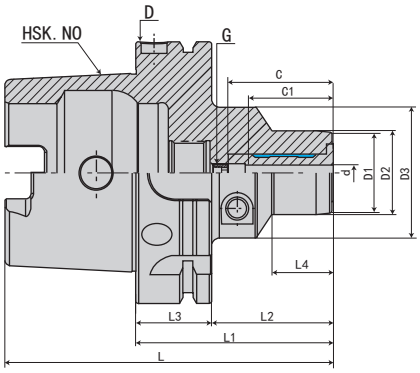
规格说明:

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
-PHC06- 70	110	70	44	26	24	80	22	26	50	6	37	27	M5*0.8P	1.4
-PHC08- 70	110	70	44	26	24	80	24	28	50	8	37	27	M6*1.0P	1.4
-PHC10- 80	120	80	54	26	35	80	26	30	50	10	41	31	M8*1.0P	1.5
-PHC12- 85	125	85	59	26	40	80	28	32	50	12	46	36	M10*1.0P	1.6
-PHC14- 85	125	85	59	26	40	80	30	34	50	14	46	36	M10*1.0P	1.6
-PHC16- 95	135	95	69	26	51	80	34	38	50	16	49	39	M12*1.0P	1.6
-PHC18- 95	135	95	69	26	51	80	36	40	50	18	49	39	M12*1.0P	1.7
-PHC20- 95	135	95	69	26	51	80	38	42	50	20	51	41	M16*1.0P	1.7
-PHC25-110	150	110	84	26	65	80	53	57	63	25	57	47	M16*1.0P	2.6
-PHC32-125	165	125	99	26	63	80	59	63	75	32	61	51	M16*1.0P	3.1
-PHC40-140	180	140	114	26		80			75	40			M16*1.0P	3.8
-PHC42-140	180	140	114	26		80			75	42			M16*1.0P	3.8

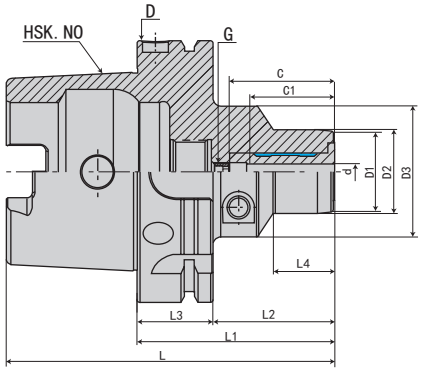
规格说明:

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
-PHC06- 75	125	75	46	29	26	100	22	26	50	6	37	27	M5*0.8P	2.3
-PHC08- 75	125	75	46	29	26	100	24	28	50	8	37	27	M6*1.0P	2.3
-PHC10- 90	140	90	61	29	42	100	26	30	50	10	41	31	M8*1.0P	2.5
-PHC12- 95	145	95	66	29	47	100	28	32	50	12	46	36	M10*1.0P	2.5
-PHC14- 95	145	95	66	29	47	100	30	34	50	14	46	36	M10*1.0P	2.5
-PHC16-100	150	100	71	29	53	100	34	38	50	16	49	39	M12*1.0P	2.6
-PHC18-100	150	100	71	29	53	100	36	40	50	18	49	39	M12*1.0P	2.6
-PHC20-105	155	105	76	29	59	100	38	42	50	20	51	41	M16*1.0P	2.7
-PHC25-110	160	110	81	29	62	100	53	57	63	25	57	47	M16*1.0P	3.3
-PHC32-110	160	110	81	29	62	100	59	63	75	32	61	51	M16*1.0P	3.5
-PHC40-140	190	140	111	29		100				40			M16*1.0P	4
-PHC42-140	190	140	111	29		100				42			M16*1.0P	4
-PHC50-				29		100				50			M16*1.0P	5

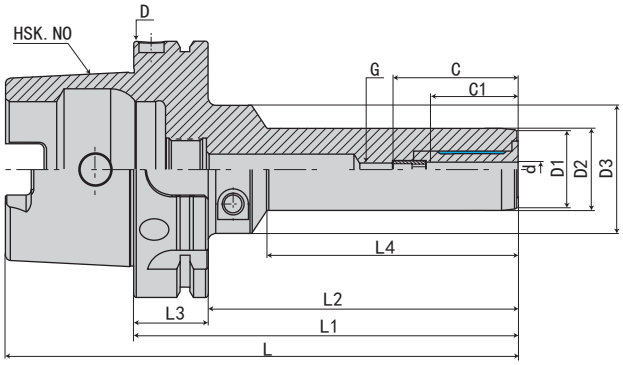
规格说明:

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
-200	250	200	171	29	151	100	21	25	50	5	*	26	*	2.8
-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
-200	250	200	171	29	151	100	22	26	50	6	37	27	M5*0.8P	2.8
-250	300	250	221	29	201	100	22	26	50	6	37	27	M5*0.8P	3.1
-JPHC08-150	200	150	121	29	101	100	24	28	50	8	37	27	M6*1.0P	2.6
-200	250	200	171	29	151	100	24	28	50	8	37	27	M6*1.0P	2.8
-250	300	250	221	29	201	100	24	28	50	8	37	27	M6*1.0P	3.1
-JPHC10-150	200	150	121	29	102	100	26	30	50	10	41	31	M8*1.0P	2.9
-200	250	200	171	29	152	100	26	30	50	10	41	31	M8*1.0P	3.2
-250	300	250	221	29	202	100	26	30	50	10	41	31	M8*1.0P	3.5
-JPHC12-150	200	150	121	29	102	100	28	32	50	12	46	36	M10*1.0P	2.9
-200	250	200	171	29	152	100	28	32	50	12	46	36	M10*1.0P	3.2
-250	300	250	221	29	202	100	28	32	50	12	46	36	M10*1.0P	3.5
-JPHC14-150	200	150	121	29	102	100	30	34	50	14	46	36	M10*1.0P	2.9
-200	250	200	171	29	152	100	30	34	50	14	46	36	M10*1.0P	3.2
-250	300	250	221	29	202	100	30	34	50	14	46	36	M10*1.0P	3.5
-JPHC16-150	200	150	121	29	103	100	34	38	50	16	49	39	M12*1.0P	3.1
-200	250	200	171	29	153	100	34	38	50	16	49	39	M12*1.0P	3.6
-250	300	250	221	29	203	100	34	38	50	16	49	39	M12*1.0P	4.1
-JPHC18-150	200	150	121	29	103	100	36	40	50	18	49	39	M12*1.0P	3.1
-200	250	200	171	29	153	100	36	40	50	18	49	39	M12*1.0P	3.6
-250	300	250	221	29	203	100	36	40	50	18	49	39	M12*1.0P	4.1
-JPHC20-150	200	150	121	29	104	100	38	42	50	20	51	41	M16*1.0P	3.2
-200	250	200	171	29	154	100	38	42	50	20	51	41	M16*1.0P	3.7
-250	300	250	221	29	204	100	38	42	50	20	51	41	M16*1.0P	4.2

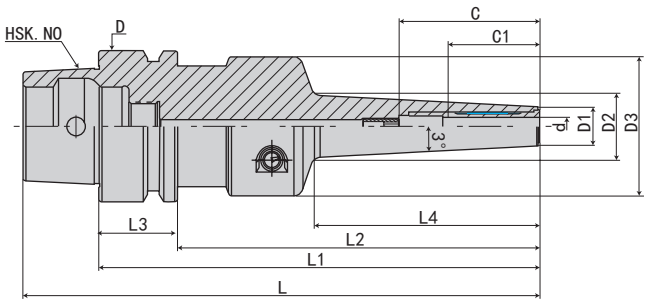
规格说明:

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
-SPHC04-115	140	115	89	26	42	50	11		46	4	*	24	*	0.6
-SPHC05-115	140	115	89	26	42	50	12		46	5	*	26	*	0.6
-SPHC06-145	170	145	119	26	74	50	13		46	6	37	27	M5*0.8P	1.1
-SPHC08-145	170	145	119	26	74	50	15		46	8	37	27	M6*1.0P	1.1
-SPHC10-145	170	145	119	26	74	50	17		46	10	41	31	M8*1.0P	1.1
-SPHC12-145	170	145	119	26	75	50	19		46	12	46	36	M10*1.0P	1.1

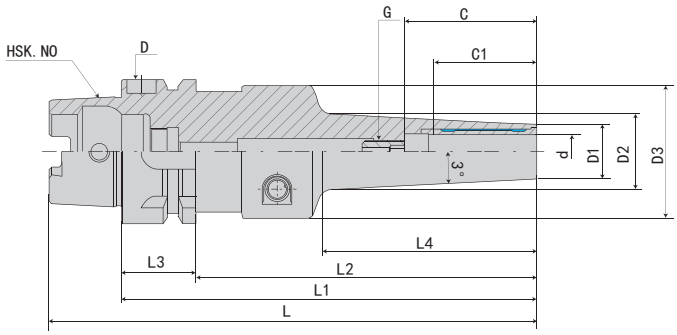
规格说明:

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
-SPHC04-115	140	115	89	26	42	50	11		46	4	*	24	*	0.6
-SPHC05-115	140	115	89	26	42	50	12		46	5	*	26	*	0.6
-SPHC06-145	170	145	119	26	74	50	13		46	6	37	27	M5*0.8P	1.1
-SPHC08-145	170	145	119	26	74	50	15		46	8	37	27	M6*1.0P	1.1
-SPHC10-145	170	145	119	26	74	50	17		46	10	41	31	M8*1.0P	1.1
-SPHC12-145	170	145	119	26	75	50	19		46	12	46	36	M10*1.0P	1.1

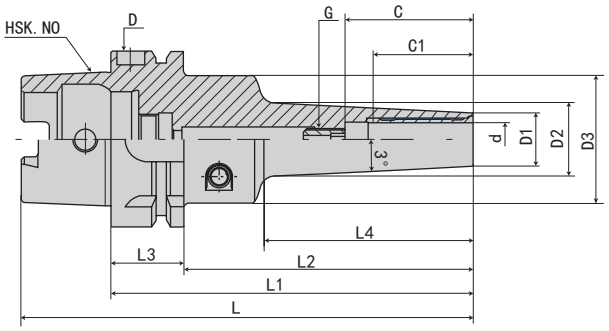
规格说明:

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

·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
-130	162	130	104	26	72	63	11		46	3	*	18	*	1
-SPHC04-100	132	100	74	26	42	63	11		46	4	*	24	*	0.9
-130	162	130	104	26	72	63	11		46	4	*	24	*	1
-SPHC05-100	132	100	74	26	42	63	12		46	5	*	26	*	0.9
-130	162	130	104	26	72	63	12		46	5	*	26	*	1
-SPHC06-130	162	130	104	26	74	63	13		46	6	37	27	M5*0.8P	1.2
-160	192	160	134	26	104	63	13		46	6	37	27	M5*0.8P	1.3
-200	232	200	174	26	144	63	13		46	6	37	27	M5*0.8P	1.4
-SPHC08-130	162	130	104	26	74	63	15		46	8	37	27	M6*1.0P	1.2
-160	192	160	134	26	104	63	15		46	8	37	27	M6*1.0P	1.3
-200	232	200	174	26	144	63	15		46	8	37	27	M6*1.0P	1.4
-SPHC10-130	162	130	104	26	74	63	17		46	10	41	31	M8*1.0P	1.2
-160	192	160	134	26	104	63	17		46	10	41	31	M8*1.0P	1.3
-200	232	200	174	26	144	63	17		46	10	41	31	M8*1.0P	1.4
-SPHC12-130	162	130	104	26	75	63	19		46	12	46	36	M10*1.0P	1.2
-160	192	160	134	26	105	63	19		46	12	46	36	M10*1.0P	1.3
-200	232	200	174	26	145	63	19		46	12	46	36	M10*1.0P	1.4
-SPHC14-130	162	130	104	26	75	63	21		46	14	46	36	M10*1.0P	1.3
-160	192	160	134	26	105	63	21		46	14	46	36	M10*1.0P	1.4
-200	232	200	174	26	145	63	21		46	14	46	36	M10*1.0P	1.5
-SPHC16-130	162	130	104	26	76	63	23		50	16	49	39	M12*1.0P	1.3
-160	192	160	134	26	106	63	23		50	16	49	39	M12*1.0P	1.4
-200	232	200	174	26	146	63	23		50	16	49	39	M12*1.0P	1.5
-SPHC18-130	162	130	104	26	76	63	25		50	18	49	39	M12*1.0P	1.4
-160	192	160	134	26	106	63	25		50	18	49	39	M12*1.0P	1.5
-200	232	200	174	26	146	63	25		50	18	49	39	M12*1.0P	1.6
-SPHC20-130	162	130	104	26	77	63	27		50	20	51	41	M16*1.0P	1.4
-160	192	160	134	26	107	63	27		50	20	51	41	M16*1.0P	1.5
-200	232	200	174	26	147	63	27		50	20	51	41	M16*1.0P	1.6

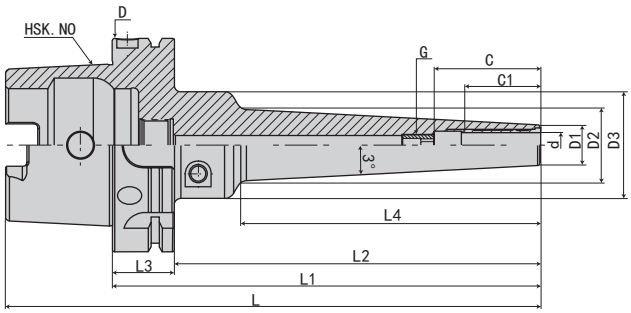
规格说明:

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
-200	250	200	171	29	140	100	12		50	5	*	26	*	3.1
-250	300	250	221	29	190	100	12		50	5	*	26	*	3.3
-300	350	300	271	29	240	100	12		50	5	*	26	*	3.5
-SPHC06-150	200	150	121	29	90	100	13		50	6	37	27	M5*0.8P	2.9
-200	250	200	171	29	140	100	13		50	6	37	27	M5*0.8P	3.1
-250	300	250	221	29	190	100	13		50	6	37	27	M5*0.8P	3.3
-300	350	300	271	29	240	100	13		50	6	37	27	M5*0.8P	3.5
-SPHC08-150	200	150	121	29	90	100	15		50	8	37	27	M6*1.0P	2.9
-200	250	200	171	29	140	100	15		50	8	37	27	M6*1.0P	3.1
-250	300	250	221	29	190	100	15		50	8	37	27	M6*1.0P	3.3
-300	350	300	271	29	240	100	15		50	8	37	27	M6*1.0P	3.5
-SPHC10-150	200	150	121	29	90	100	17		50	10	41	31	M8*1.0P	2.9
-200	250	200	171	29	140	100	17		50	10	41	31	M8*1.0P	3.1
-250	300	250	221	29	190	100	17		50	10	41	31	M8*1.0P	3.3
-300	350	300	271	29	240	100	17		50	10	41	31	M8*1.0P	3.5
-SPHC12-150	200	150	121	29	90	100	19		50	12	46	36	M10*1.0P	3
-200	250	200	171	29	140	100	19		50	12	46	36	M10*1.0P	3.2
-250	300	250	221	29	190	100	19		50	12	46	36	M10*1.0P	3.4
-300	350	300	271	29	240	100	19		50	12	46	36	M10*1.0P	3.6
-SPHC14-150	200	150	121	29	90	100	21		50	14	46	36	M10*1.0P	3
-200	250	200	171	29	140	100	21		50	14	46	36	M10*1.0P	3.2
-250	300	250	221	29	190	100	21		50	14	46	36	M10*1.0P	3.4
-300	350	300	271	29	240	100	21		50	14	46	36	M10*1.0P	3.6
-SPHC16-150	200	150	121	29	90	100	23		50	16	49	39	M12*1.0P	3.2
-200	250	200	171	29	140	100	23		50	16	49	39	M12*1.0P	3.4
-250	300	250	221	29	190	100	23		50	16	49	39	M12*1.0P	3.6
H-300	350	300	271	29	240	100	23		50	16	49	39	M12*1.0P	3.8
-SPHC18-150	200	150	121	29	90	100	25		50	18	49	39	M12*1.0P	3.2
-200	250	200	171	29	140	100	25		50	18	49	39	M12*1.0P	3.4
-250	300	250	221	29	190	100	25		50	18	49	39	M12*1.0P	3.6
-300	350	300	271	29	240	100	25		50	18	49	39	M12*1.0P	3.8
-SPHC20-150	200	150	121	29	90	100	27		50	20	51	41	M16*1.0P	3.4
-200	250	200	171	29	140	100	27		50	20	51	41	M16*1.0P	3.6
-250	300	250	221	29	190	100	27		50	20	51	41	M16*1.0P	3.8
-300	350	300	271	29	240	100	27		50	20	51	41	M16*1.0P	4

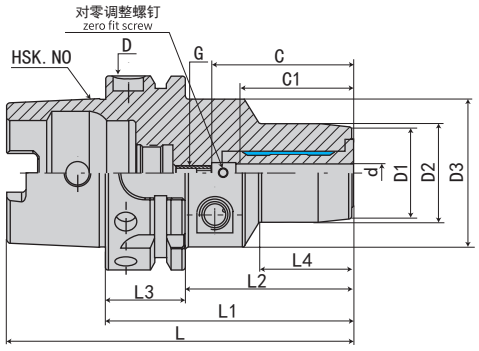
规格说明:

HSK100A - SPHC - 05 - 150

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

·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
-ZPHC06- 90	122	90	64	26	44	63	23	26	50	6	41	31	M5*0.8P	1.2
-ZPHC08- 90	122	90	64	26	44	63	25	28	50	8	41	31	M6*1.0P	1.2
-ZPHC10- 95	127	95	69	26	50	63	27	30	50	10	48	38	M8*1.0P	1.3
-ZPHC12-100	132	100	74	26	55	63	29	32	50	12	53	43	M10*1.0P	1.3
-ZPHC16-105	137	105	79	26	61	63	35	38	50	16	58	48	M12*1.0P	1.4
-ZPHC20-105	137	105	79	26	63	63	39	42	50	20	58	48	M16*1.0P	1.5
-ZPHC25-115	147	115	89	26	89	63	46	50	*	25	67	57	M16*1.0P	2.6
-ZPHC32-130	162	130	104	26	104	63	56	60	52.5	30	71	61	M16*1.0P	3.2

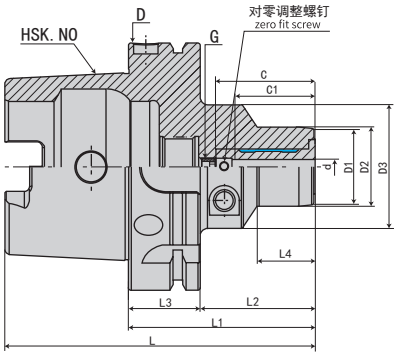
规格说明:

HSK63A - ZPHC - 05 - 90

- 90 — L1 长度 Length (L1)
- 05 — 刀杆直径 Diameter
- ZPHC — 功能代号 Holder type
- HSK63A — 锥柄形式 Taper size

·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
-ZPHC06- 95	145	95	66	29	46	100	23	26	50	6	41	31	M5*0.8P	2.8
-ZPHC08- 95	145	95	66	29	46	100	25	28	50	8	41	31	M6*1.0P	2.8
-ZPHC10-100	150	100	71	29	52	100	27	30	50	10	48	38	M8*1.0P	2.9
-ZPHC12-105	155	105	76	29	57	100	29	32	50	12	53	43	M10*1.0P	3
-ZPHC16-110	160	110	81	29	63	100	35	38	50	16	58	48	M12*1.0P	3.1
-ZPHC20-110	160	110	81	29	64	100	39	42	50	20	58	48	M16*1.0P	3.4
-ZPHC25-120	170	120	91	29	72	100	53	57	63	25	67	57	M16*1.0P	3.8
-ZPHC32-120	170	120	91	29	72	100	58	63	75	32	71	61	M16*1.0P	4.2

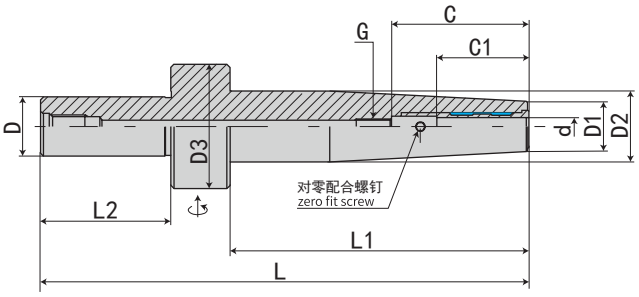
规格说明:

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
-PHC08-165	165	101	50	20	18	26	42	8	41	31	M6*1.0P	0.5
-PHC10-165	165	101	50	20	20	28	42	10	48	38	M8*1.0P	0.6
-PHC12-165	165	101	50	20	22	30	42	12	53	43	M10*1.0P	0.7
-PHC14-165	165	101	50	20	24	32	42	14	53	43	M10*1.0P	0.7
-PHC16-165	165	101	50	20	26	28	42	16	58	48	M12*1.0P	0.8
-PHC18-165	165	101	50	20	28	30	42	18	58	48	M12*1.0P	0.8
-PHC20-165	165	101	50	20	29	31.5	42	20	58	48	M16*1.0P	0.8
-PHC20-215	215	151	50	20	29	31.5	42	20	58	48	M16*1.0P	1.2

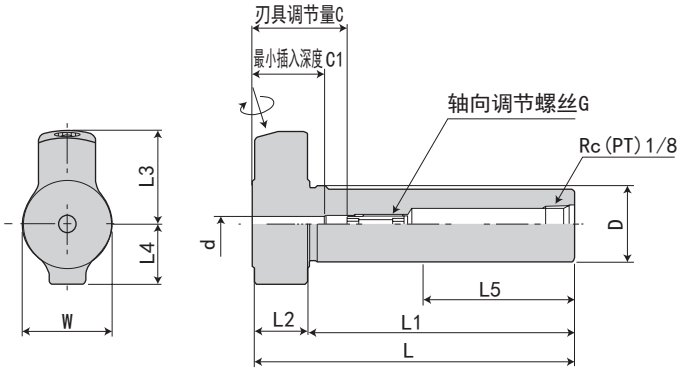
规格说明:

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	最大插入深度 C Max. insertion depth	最少插入深度 C1 Min insertion depth	G	重量 KGS
SL19.05-HDC 3-60*	75	60	15	24.5	15.8	22	19.05	3	20-32	16		0.18
-HDC3.175-60*	75	60	15	24.5	15.8	22	19.05	3.175	20-32	16		0.18
-HDC 4-60	75	60	15	24.5	15.8	22	19.05	4	23-32	19		0.18
-HDC 6-60	75	60	15	24.5	15.8	22	19.05	6	31-48	25		0.18
-HDC 8-60X	75	60	15	25.5	15.8	22	19.05	8	65	31		0.17
SL20-HDC 3-70*	85	70	15	24.5	15.8	23	20	3	20-32	16		0.22
-HDC 4-70	85	70	15	24.5	15.8	23	20	4	23-32	19		0.22
-HDC 6-70	85	70	15	24.5	15.8	23	20	6	31-48	25		0.22
-HDC 8-70X	85	70	15	25.5	15.8	23	20	8	75	31		0.21
SL22-HDC 3-70*	85	70	15	24.5	15.8	25	22	3	20-32	16		0.26
-HDC 4-70	85	70	15	24.5	15.8	25	22	4	23-32	19		0.26
-HDC 6-70X	85	70	15	24.5	15.8	25	22	6	75	25		0.26
-HDC 8-70X	85	70	15	25.5	15.8	25	22	8	75	31		0.25
-HDC10-70X	85	70	15	27	16.8	25	22	10	70	33		0.24
SL25-HDC 3-65*	80	65	15	23	14	28	25	3	20-32	16		0.31
-HDC 4-65	80	65	15	23	14	28	25	4	23-32	19		0.31
-HDC 6-65	80	65	15	24.5	15	28	25	6	31-48	25		0.31
-HDC 8-65X	80	65	15	25.5	16	28	25	8	70	31		0.31
-HDC10-65X	80	65	15	27	17	28	25	10	65	33		0.29
-HDC12-65X	80	65	15	28	18	28	25	12	65	36		0.28
SL25.4-HDC 3-80*	95	80	15	23	14	28	25.4	3	20-32	16		0.37
-HDC 4-80	95	80	15	23	14	28	25.4	4	23-32	19		0.37
-HDC 6-80	95	80	15	24.5	15	28	25.4	6	31-48	25		0.37
-HDC 8-80X	95	80	15	25.5	16	28	25.4	8	85	31		0.37
-HDC10-80X	95	80	15	27	17	28	25.4	10	80	33		0.35
-HDC12-80X	95	80	15	28	18	28	25.4	12	80	36		0.33

规格说明:

SL19.05 - HDC - 3 - 160

- 160 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

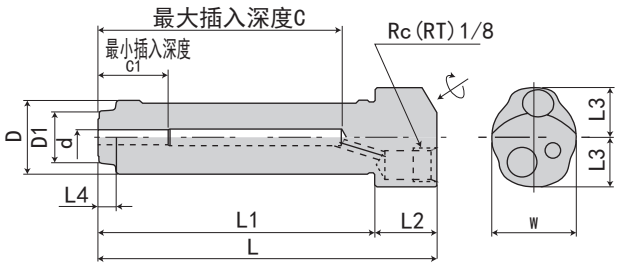
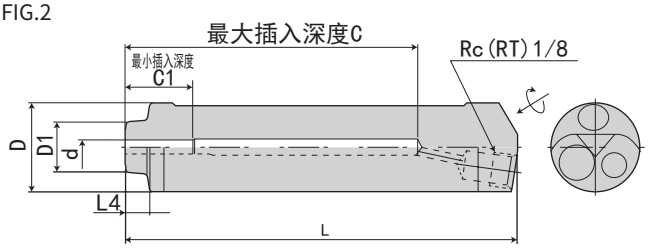


FIG.2



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
-HDC3.175-85*	102	85	17	13.5	5	22	19.05	14	3.175	76	16	1	0.24
-HDC4-85	102	85	17	13.5	5	22	19.05	14	4	76	19	1	0.24
-HDC6-80	97	80	17	13.5	-	22	19.05	-	6	71	25	1	0.22
-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
-HDC4-75	92	75	17	13.5	5	23	20	14	4	66	19	1	0.24
-HDC6-70	87	70	17	13.5	-	23	20	-	6	61	25	1	0.22
-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
-HDC4-75	92	75	17	13.5	5	25	22	14	4	66	19	1	0.28
-HDC6-70	87	70	17	13.5	-	25	22	-	6	61	25	1	0.26
-HDC8-70	87	70	17	13.5	-	25	22	-	8	61	31	1	0.25
-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
-HDC4-110	110	-	-	-	7	-	25	14	4	82	19	2	0.37
-HDC6-105	105	-	-	-	3	-	25	14	6	77	25	2	0.34
-HDC8-100	100	-	-	-	3	-	25	17	8	72	31	2	0.31
-HDC10-95	95	-	-	-	-	-	25	-	10	67	33	2	0.28
-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
-HDC4-105	105	-	-	-	7	-	25.4	14	4	77	19	2	0.36
-HDC6-100	100	-	-	-	3	-	25.4	14	6	72	25	2	0.34
-HDC8-95	95	-	-	-	3	-	25.4	17	8	67	31	2	0.3
-HDC10-90	90	-	-	-	-	-	25.4	-	10	62	33	2	0.27
-HDC12-85	85	-	-	-	-	-	25.4	-	12	56	36	2	0.24

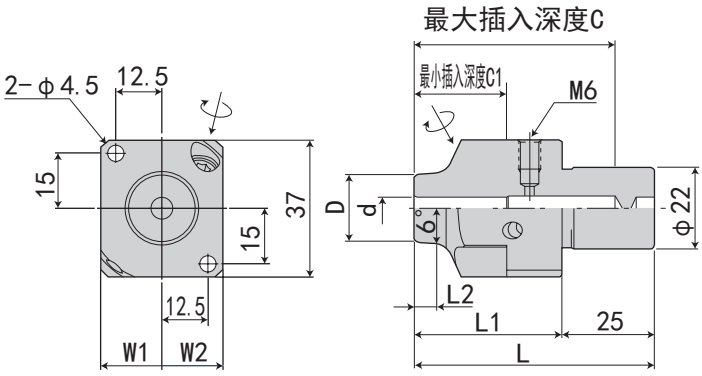
规格说明:

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
-HDC4-40	65	40	9	16.5	16.5	14	4	42	19	0.33
-HDC6-40	65	40	5	16.5	16.5	18	6	55	25	0.36
-HDC8-40	65	40	6	16.5	17.5	20	8	54	31	0.36
-HDC10-40	65	40	6	16.5	17.5	22	10	54	33	0.35

规格说明:

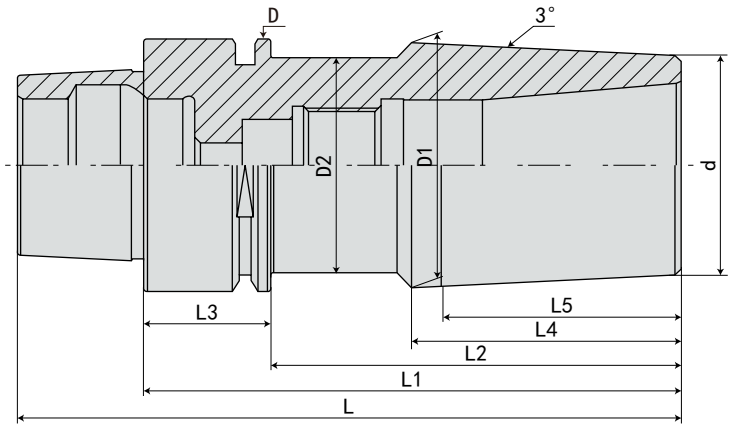
SL22 - HDC - 3 - 40

- 40 L1 长度 Length (L1)
- 3 刀杆直径 Bore dlamenter
- HDC 功能代号 Holder type
- SL22 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

规格说明:

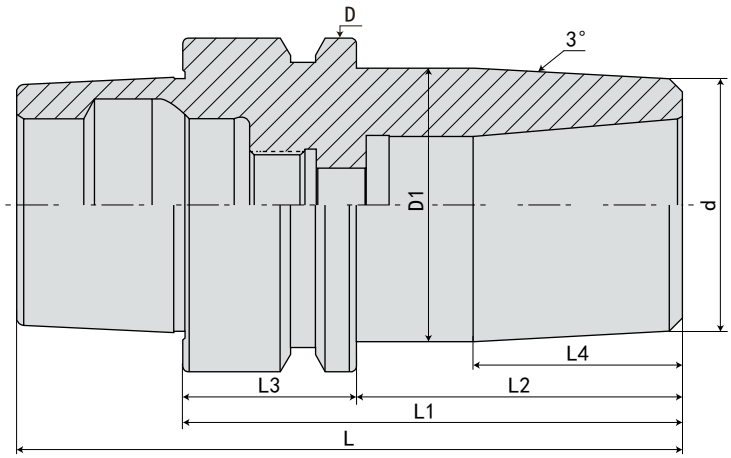
HSK40E - SLK - 12 - 85

- 85 L1 长度 Length (L1)
- 12 接口大小 Connection size
- SLK 功能代号 Holder type
- HSK40E 锥柄形式 Taper size

·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
-120	145	120	94	26	31.5	50	41	38	1.3

规格说明:

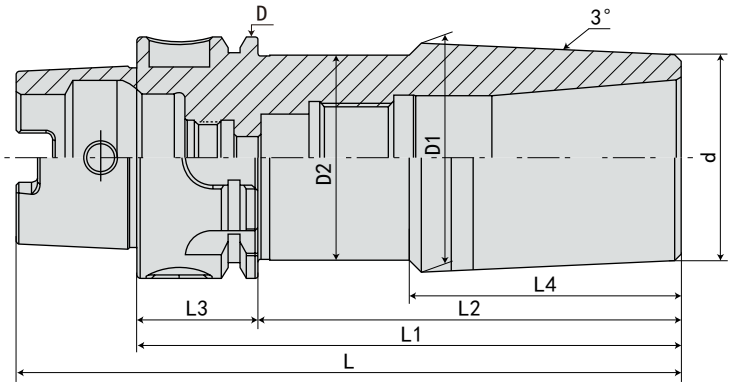
HSK50E - SLK - 12 - 75

- 75 L1 长度 Length (L1)
- 12 接口大小 Connection size
- SLK 功能代号 Holder type
- HSK50E 锥柄形式 Taper size

·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
HSK40A-SLK12- 90	110	90	70	20	45	40	38	34	34	

规格说明:

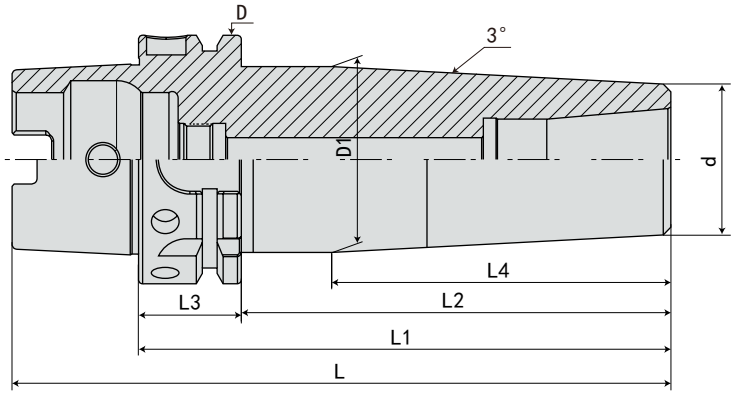
HSK40A - SLK - 12 - 90

- L1 长度 Length (L1)
- 接口大小 Connection size
- 功能代号 Holder type
- 锥柄形式 Taper size

·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
-120	145	120	94	26	31.5	50	41	38	1.3

规格说明:

HSK50A - SLK - 12 - 75

- L1 长度 Length (L1)
- 接口大小 Connection size
- 功能代号 Holder type
- 接口大小 Connection size

·HSK63A-SLK 热缩基础柄

HSK63A-SLK SEMI-FINISHED SHRINK FIT CHUCK







FIG. 1

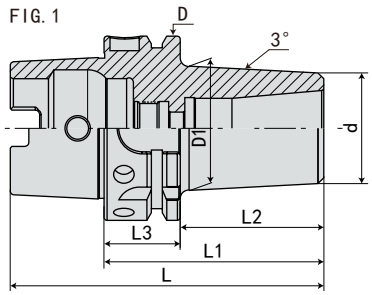


FIG. 2

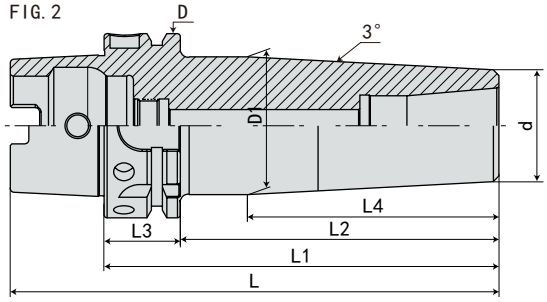
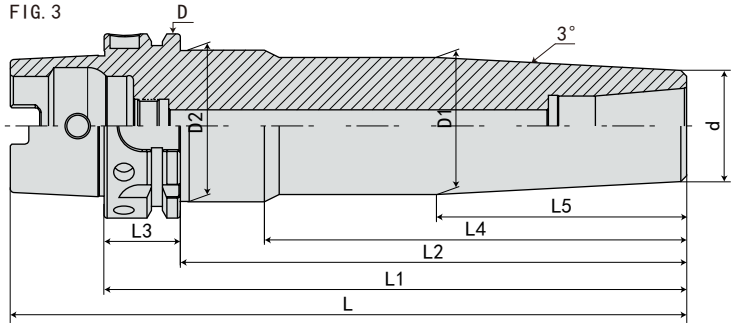


FIG. 3



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
-135	167	135	109	26	86	-	63	47	-	38	2	2
-165	197	165	139	26	86	-	63	47	-	38	2	2.4
-200	232	200	174	26	145	86	63	47	52	38	3	2.9
-225	257	225	199	26	145	86	63	47	52	38	3	3.2
-255	287	255	229	26	175	86	63	47	52	38	3	3.8
-285	317	285	259	26	205	86	63	47	52	38	3	4.5
-315	347	315	289	26	235	86	63	47	52	38	3	4.5

规格说明:

HSK63A - SLK - 12 - 75

- 75 — L1 长度 Length (L1)
- 12 — 接口大小 Collect model
- SLK — 功能代号 Holder type
- HSK63A — 锥柄形式 Shank size

·HSK100A-SLK 热缩基础柄

HSK100A-SLK SEMI-FINISHED SHRINK FIT CHUCK



FIG. 1

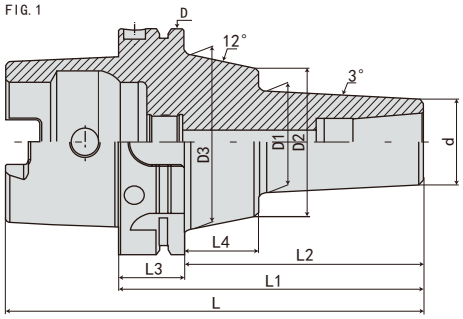
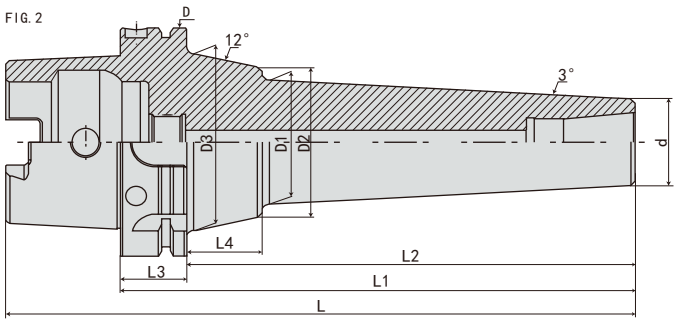


FIG. 2



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
-135	185	135	106	29	33	100	45	65	78	38	1	4.2
-165	215	165	136	29	33	100	48	65	78	38	2	
-225	275	225	196	29	33	100	55	65	78	38	2	5.4
-265	315	265	236	29	33	100	59	65	78	38	2	6.5
-315	365	315	286	29	33	100	65	65	78	38	2	

规格说明:

HSK100A - SLK - 12 - 105

- 105 — L1 长度 Length (L1)
- 12 — 接口大小 Collect model
- SLK — 功能代号 Holder type
- HSK100A — 锥柄形式 Shank size

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



FIG. 1

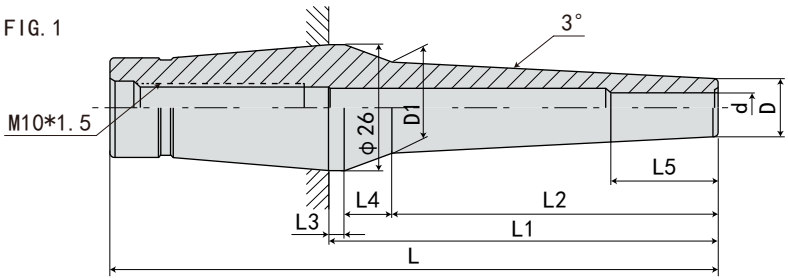
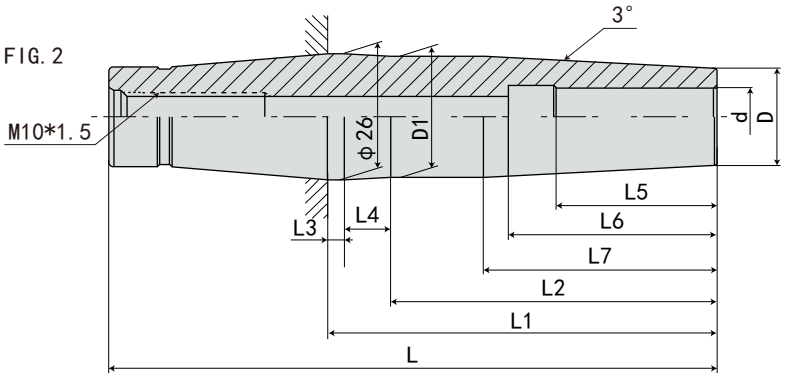
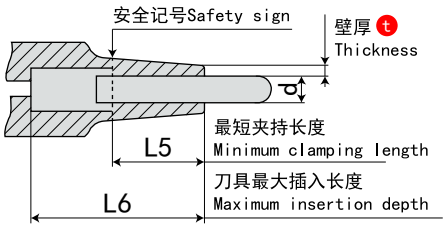




FIG. 2





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
- 55	100	55	42	3.5	9.5	12	-	-	7.5	12	3	2.25	1	0.2
- 80	125	80	67	3.5	9.5	12	-	-	7.5	14.6	3	2.25	1	0.2
- 4- 35	80	35	22	3.5	9.5	16	-	-	10	12.4	4	3	1	0.2
- 55	100	55	42	3.5	9.5	16	-	-	10	14.5	4	3	1	0.2
- 80	125	80	67	3.5	9.5	16	-	-	10	17.1	4	3	1	0.2
-110	155	110	97	3.5	9.5	16	-	-	10	20.2	4	3	1	0.25
- 5- 35	80	35	22	3.5	9.5	18	-	-	11	13.3	5	3	1	0.2
- 55	100	55	42	3.5	9.5	18	-	-	11	15.4	5	3	1	0.2
- 80	125	80	67	3.5	9.5	18	-	-	11	18.1	5	3	1	0.2
-110	155	110	97	3.5	9.5	18	-	-	11	21.2	5	3	1	0.25
- 6- 35	80	35	22	3.5	9.5	23	-	-	12	14.4	6	3	1	0.2
- 55	100	55	42	3.5	9.5	23	-	-	12	16.5	6	3	1	0.2
- 80	125	80	67	3.5	9.5	23	-	-	12	19.1	6	3	1	0.2
-110	155	110	97	3.5	9.5	23	-	-	12	22.2	6	3	1	0.25
- 8- 35	80	35	22	3.5	9.5	27	-	-	14	16.4	8	3	1	0.2
- 55	100	55	42	3.5	9.5	27	-	-	14	18.5	8	3	1	0.2
- 80	125	80	67	3.5	9.5	27	-	-	14	21.1	8	3	1	0.3
-110	155	110	97	3.5	9.5	27	-	-	14	24.2	8	3	1	0.35
-10- 35	80	35	22	3.5	9.5	32	42	-	16	18.4	10	3	1	0.2
- 55	100	55	42	3.5	9.5	32	42	-	16	20.5	10	3	1	0.2
- 80	125	80	67	3.5	9.5	32	42	-	16	23.1	10	3	1	0.3
-110	155	110	97	3.5	9.5	32	42	86	16	25.1	10	3	2	0.35
-12- 35	80	35	22	3.5	9.5	37	48	-	20	22.4	12	4	1	0.2
- 55	100	55	42	3.5	9.5	37	48	-	20	24.5	12	4	1	0.2
- 80	125	80	67	3.5	9.5	37	48	48	20	25.5	12	4	2	0.3
-110	155	110	97	3.5	9.5	37	48	48	20	25.1	12	4	2	0.35

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





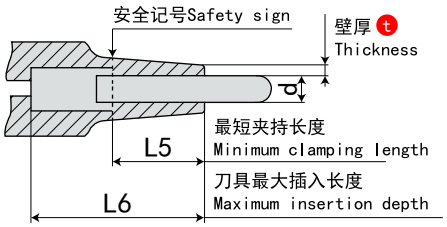


FIG. 1

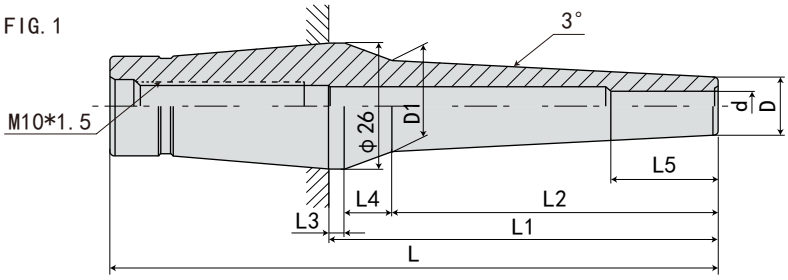
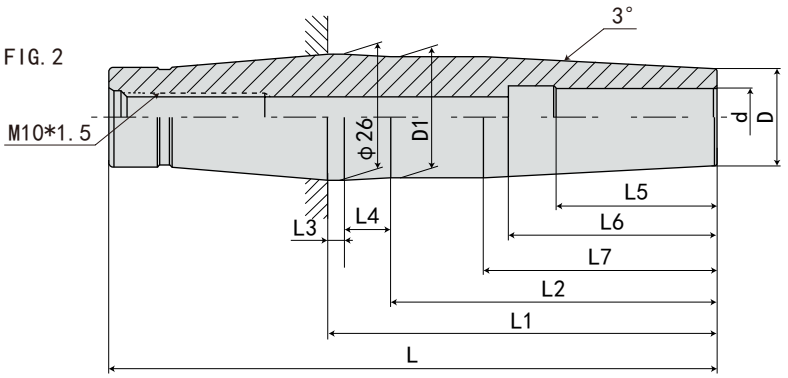


FIG. 2



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
- 55	100	55	42	3.5	9.5	12	-	-	6	10.5	3	1.5	1	0.2
- 80	125	80	67	3.5	9.5	12	-	-	6	13.1	3	1.5	1	0.2
-110	155	110	97	3.5	9.5	12	-	-	6	16.2	3	1.5	1	0.25
- 4- 35	80	35	22	3.5	9.5	16	-	-	7	9.4	4	1.5	1	0.2
- 55	100	55	42	3.5	9.5	16	-	-	7	11.5	4	1.5	1	0.2
- 80	125	80	67	3.5	9.5	16	-	-	7	14.1	4	1.5	1	0.2
-110	155	110	97	3.5	9.5	16	-	-	7	17.2	4	1.5	1	0.25
- 5- 35	80	35	22	3.5	9.5	18	-	-	8	10.4	5	1.5	1	0.2
- 55	100	55	42	3.5	9.5	18	-	-	8	12.5	5	1.5	1	0.2
- 80	125	80	67	3.5	9.5	18	-	-	8	15.1	5	1.5	1	0.2
-110	155	110	97	3.5	9.5	18	-	-	8	18.2	5	1.5	1	0.25
- 6- 35	80	35	22	3.5	9.5	23	-	-	9	11.4	6	1.5	1	0.2
- 55	100	55	42	3.5	9.5	23	-	-	9	13.5	6	1.5	1	0.2
- 80	125	80	67	3.5	9.5	23	-	-	9	16.1	6	1.5	1	0.2
-110	155	110	97	3.5	9.5	23	-	-	9	19.2	6	1.5	1	0.25
- 7- 35	80	35	22	3.5	9.5	25	-	-	10	12.4	7	1.5	1	0.2
- 55	100	55	42	3.5	9.5	25	-	-	10	14.5	7	1.5	1	0.2
- 80	125	80	67	3.5	9.5	25	-	-	10	17.1	7	1.5	1	0.2
-110	155	110	97	3.5	9.5	25	-	-	10	20.2	7	1.5	1	0.25
- 8- 35	80	35	22	3.5	9.5	27	-	-	11	13.4	8	1.5	1	0.2
- 55	100	55	42	3.5	9.5	27	-	-	11	15.5	8	1.5	1	0.2
- 80	125	80	67	3.5	9.5	27	-	-	11	18.1	8	1.5	1	0.2
-110	155	110	97	3.5	9.5	27	-	-	11	21.2	8	1.5	1	0.25
- 9- 35	80	35	22	3.5	9.5	29	42	-	12	14.4	9	1.5	1	0.2
- 55	100	55	42	3.5	9.5	29	42	-	12	16.5	9	1.5	1	0.2
- 80	125	80	67	3.5	9.5	29	42	-	12	19.1	9	1.5	1	0.2
-110	155	110	97	3.5	9.5	29	42	-	12	22.2	9	1.5	1	0.25
-10- 35	80	35	22	3.5	9.5	32	42	-	13	15.4	10	1.5	1	0.2
- 55	100	55	42	3.5	9.5	32	42	-	13	17.5	10	1.5	1	0.2
- 80	125	80	67	3.5	9.5	32	42	-	13	20.1	10	1.5	1	0.2
-110	155	110	97	3.5	9.5	32	42	-	13	23.2	10	1.5	1	0.25
-11- 35	80	35	22	3.5	9.5	34	44	-	14	16.4	11	1.5	1	0.2
- 55	100	55	42	3.5	9.5	34	44	-	14	18.5	11	1.5	1	0.2
- 80	125	80	67	3.5	9.5	34	44	-	14	21.1	11	1.5	1	0.2
-110	155	110	97	3.5	9.5	34	44	-	14	24.2	11	1.5	1	0.25
-12- 35	80	35	22	3.5	9.5	37	48	-	15	17.4	12	1.5	1	0.2
- 55	100	55	42	3.5	9.5	37	48	-	15	19.5	12	1.5	1	0.2
- 80	125	80	67	3.5	9.5	37	48	-	15	22.1	12	1.5	1	0.2
-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

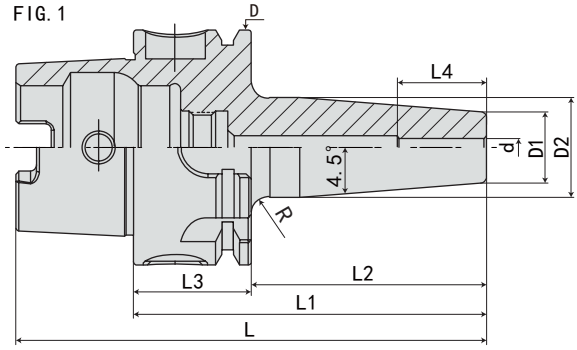
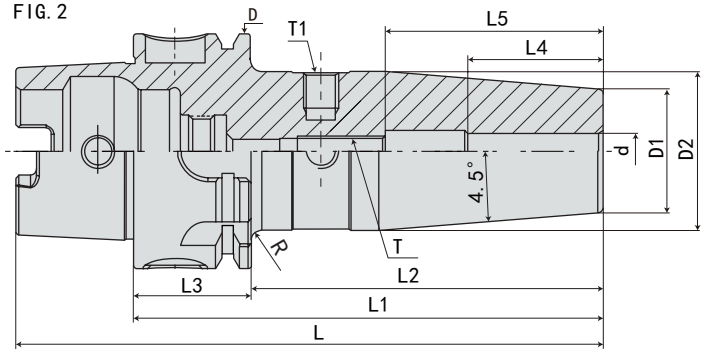




FIG. 2



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
-SF04-65	81	65	45	20	16	-	32	15	20	4	-	-	1	0.2
-SF05-65	81	65	45	20	18	-	32	15	20	5	-	-	1	0.2
-SF06-75	91	75	55	20	26	36	32	21	26	6	M5*0.8P	M6*1.0P	2	0.3
-SF08-75	91	75	55	20	26	36	32	21	26	8	M6*1.0P	M6*1.0P	2	0.3
-SF10-75	91	75	55	20	32	42	32	24	29	10	M8*1.0P	M6*1.0P	2	0.4
-SF12-80	96	80	60	20	37	47	32	24	29	12	M10*1.0P	M6*1.0P	2	0.4

规格说明:

HSK32A - SF - 03 - 65

- 65 — L1 长度 Length (L1)
- 03 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- HSK32A — 锥柄形式 Taper size

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



FIG. 1

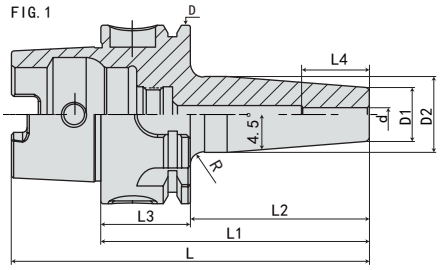
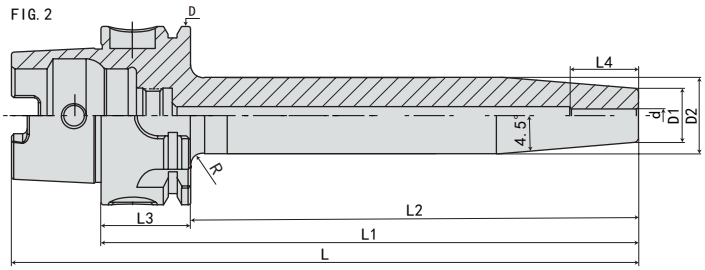




FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
HSK40A-SF03- 60	80	60	40	20	12	40	15	20	3	5	1	0.3
-120	140	120	100	20	12	40	15	20	3	5	2	0.4
-160	180	160	140	20	12	40	15	25	3	5	2	0.5
-SF04- 60	80	60	40	20	16	40	15	20	4	5	1	0.3
-120	140	120	100	20	16	40	15	20	4	5	2	0.4
-160	180	160	140	20	16	40	15	25	4	5	2	0.5
-SF05- 60	80	60	40	20	18	40	15	20	5	5	1	0.3
-120	140	120	100	20	18	40	15	20	5	5	2	0.4
-160	180	160	140	20	18	40	15	25	5	5	2	0.5

规格说明:

HSK40A - SF - 03 - 60

- 60 — L1 长度 Length（L1）
- 03 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- HSK40A — 锥柄形式 Taper size

·HSK40A-SF 热缩刀柄（4.5 度标准型）

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



FIG. 1

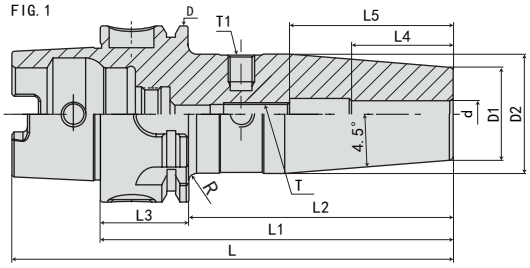
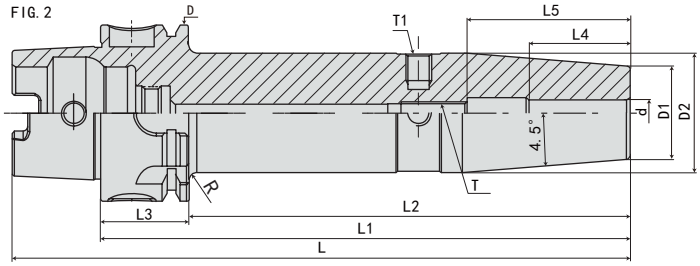




FIG. 2



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
-120	140	120	100	20	26	36	40	21	27	6	M5*0.8P	M6*1.0P	2	0.6
-160	180	160	140	20	26	36	40	21	27	6	M5*0.8P	M6*1.0P	2	0.7
-SF08- 80	100	80	60	20	26	36	40	21	27	8	M6*1.0P	M6*1.0P	1	0.4
-120	140	120	100	20	26	36	40	21	27	8	M6*1.0P	M6*1.0P	2	0.6
-160	180	160	140	20	26	36	40	21	27	8	M6*1.0P	M6*1.0P	2	0.7
-SF10- 80	100	80	60	20	32	42	40	24	32	10	M8*1.0P	M6*1.0P	1	0.5
-120	140	120	100	20	32	42	40	24	32	10	M8*1.0P	M6*1.0P	2	0.7
-160	180	160	140	20	32	42	40	24	32	10	M8*1.0P	M6*1.0P	2	0.8
-SF12- 90	110	90	70	20	37	47	40	24	32	12	M10*1.0P	M6*1.0P	1	0.5
-120	140	120	100	20	37	47	40	24	32	12	M10*1.0P	M6*1.0P	2	0.7
-160	180	160	140	20	37	47	40	24	32	12	M10*1.0P	M6*1.0P	2	0.8
-SF14- 90	110	90	70	20	37	47	40	27	34	14	M10*1.0P	M6*1.0P	1	0.6
-120	140	120	100	20	37	47	40	27	34	14	M10*1.0P	M6*1.0P	2	0.8
-160	180	160	140	20	37	47	40	27	34	14	M10*1.0P	M6*1.0P	2	0.9
-SF16- 90	110	90	70	20	40	50	40	27	34	16	M12*1.0P	M6*1.0P	1	0.5
-120	140	120	100	20	40	50	40	27	34	16	M12*1.0P	M6*1.0P	2	0.7
-160	180	160	140	20	40	50	40	27	34	16	M12*1.0P	M6*1.0P	2	0.8

规格说明:

HSK40A - SF - 06 - 80

- 80 — L1 长度 Length (L1)
- 06 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- HSK40A — 锥柄形式 Taper size

·HSK50A-SF 热缩刀柄（4.5 度标准型）

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



FIG. 1

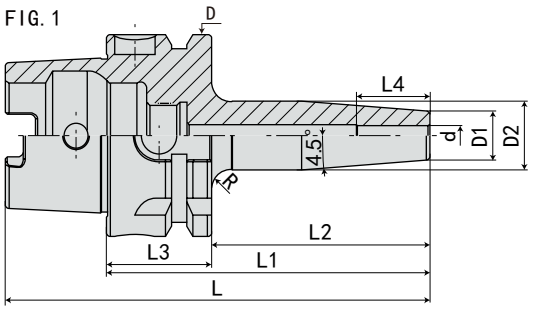
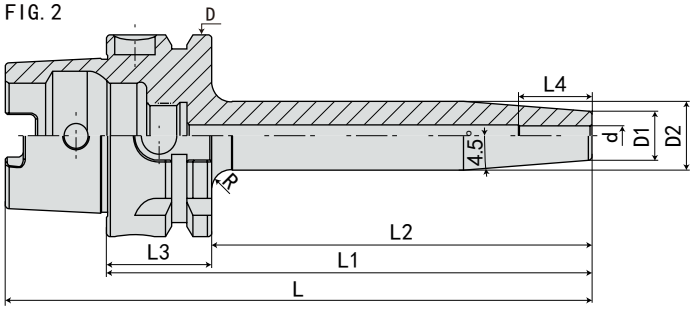




FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
HSK50A-SF03- 80	105	80	54	26	12	50	15	20	3	5	1	0.4
-120	145	120	94	26	12	50	15	20	3	5	2	0.5
-160	185	160	134	26	12	50	15	25	3	5	2	0.6
-SF04- 80	105	80	54	26	16	50	15	20	4	5	1	0.5
-120	145	120	94	26	16	50	15	20	4	5	2	0.6
-160	185	160	134	26	16	50	15	25	4	5	2	0.7
-SF05- 80	105	80	54	26	18	50	15	20	5	5	1	0.5
-120	145	120	94	26	18	50	15	20	5	5	2	0.6
-160	185	160	134	26	18	50	15	25	5	5	2	0.7

规格说明:

HSK50A - SF - 03 - 80

- 80 — L1 长度 Length (L1)
- 03 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- HSK50A — 锥柄形式 Taper size

·HSK50A-SF 热缩刀柄（4.5 度标准型）

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



FIG. 1

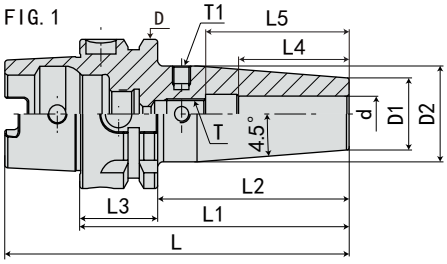
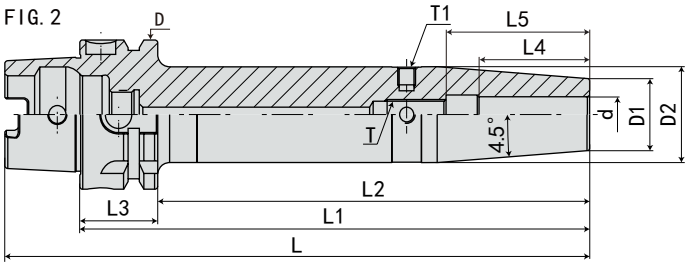




FIG. 2



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
-120	145	120	94	26	26	36	50	21	27	6	M5*0.8P	M6*1.0P	2	0.8
-160	185	160	134	26	26	36	50	21	27	6	M5*0.8P	M6*1.0P	2	0.9
-SF08- 80	105	80	54	26	26	36	50	21	27	8	M6*1.0P	M6*1.0P	1	0.6
-120	145	120	94	26	26	36	50	21	27	8	M6*1.0P	M6*1.0P	2	0.8
-160	185	160	134	26	26	36	50	21	27	8	M6*1.0P	M6*1.0P	2	0.9
-SF10- 85	110	85	59	26	32	42	50	24	32	10	M8*1.0P	M6*1.0P	1	0.7
-120	145	120	94	26	32	42	50	24	32	10	M8*1.0P	M6*1.0P	2	0.8
-160	185	160	134	26	32	42	50	24	32	10	M8*1.0P	M6*1.0P	2	0.9
-SF12- 90	115	90	64	26	37	47	50	24	32	12	M10*1.0P	M6*1.0P	1	0.7
-120	145	120	94	26	37	47	50	24	32	12	M10*1.0P	M6*1.0P	2	0.8
-160	185	160	134	26	37	47	50	24	32	12	M10*1.0P	M6*1.0P	2	0.9
-SF14- 90	115	90	64	26	37	47	50	27	34	14	M10*1.0P	M6*1.0P	1	0.7
-120	145	120	94	26	37	47	50	27	34	14	M10*1.0P	M6*1.0P	2	0.8
-160	185	160	134	26	37	47	50	27	34	14	M10*1.0P	M6*1.0P	2	0.9
-SF16- 95	120	95	69	26	40	50	50	27	34	16	M12*1.0P	M6*1.0P	1	0.7
-120	145	120	94	26	40	50	50	27	34	16	M12*1.0P	M6*1.0P	2	0.8
-160	185	160	134	26	40	50	50	27	34	16	M12*1.0P	M6*1.0P	2	0.9
-200	185	160	134	26	40	50	50	27	34	16	M12*1.0P	M6*1.0P	2	0.9
-SF18- 95	120	95	69	26	40	50	50	33	42	18	M12*1.0P	M6*1.0P	1	0.9
-120	145	120	94	26	40	50	50	33	42	18	M12*1.0P	M6*1.0P	2	1
-160	185	160	134	26	40	50	50	33	42	18	M12*1.0P	M6*1.0P	2	1.1
-200	185	160	134	26	40	50	50	33	42	18	M12*1.0P	M6*1.0P	2	1.1
-SF20-100	125	100	74	26	42	52	50	33	42	20	M16*1.0P	M6*1.0P	1	0.9
-120	145	120	94	26	42	52	50	33	42	20	M16*1.0P	M6*1.0P	2	1
-160	185	160	134	26	42	52	50	33	42	20	M16*1.0P	M6*1.0P	2	1.1

规格说明:

HSK50A - SF - 06 - 80

- 80 — L1 长度 Length（L1）
- 06 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- HSK50A — 锥柄形式 Taper size

·HSK63A-SF 热缩刀柄（4.5 度标准型）

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



FIG. 1

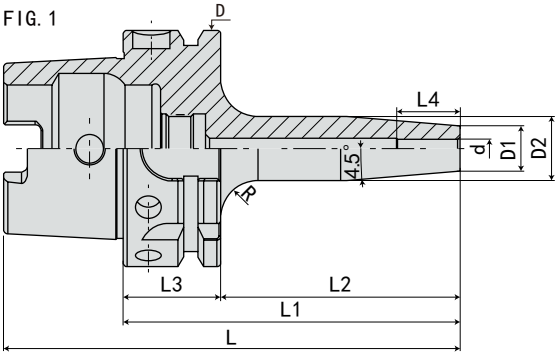
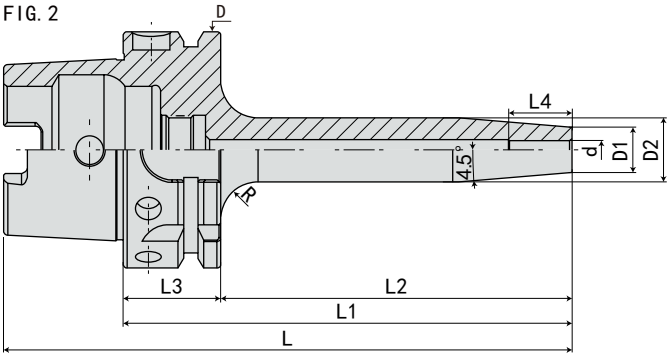




FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
HSK63A-SF03- 80	112	80	54	26	12	63	15	20	3	5	1	0.7
-120	152	120	94	26	12	63	15	20	3	5	2	1.1
-160	192	160	134	26	12	63	15	25	3	5	2	1.3
-SF04- 80	112	80	54	26	16	63	15	20	4	5	1	0.7
-120	152	120	94	26	16	63	15	20	4	5	2	1.1
-160	192	160	134	26	16	63	15	25	4	5	2	1.3
-SF05- 80	112	80	54	26	18	63	15	20	5	5	1	0.7
-120	152	120	94	26	18	63	15	20	5	5	2	1.1
-160	192	160	134	26	18	63	15	25	5	5	2	1.3

规格说明:

HSK63A - SF - 03 - 80

- 80 — L1 长度 Length (L1)
- 03 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- HSK63A — 锥柄形式 Taper size

·HSK63A-SF 热缩刀柄（4.5 度标准型）

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







FIG. 1

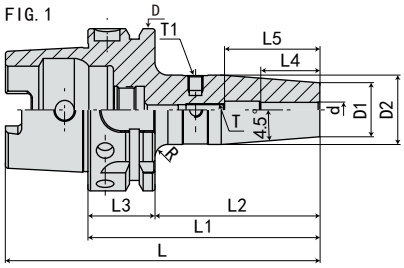


FIG. 2

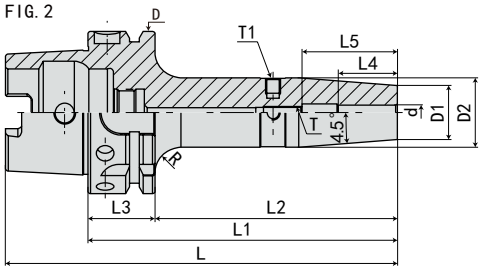
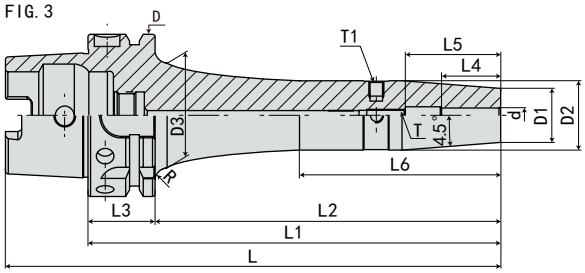


FIG. 3



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
-120	152	120	94	26	26	36	-	63	21	27	-	6	M5*0.8P	M6*1.0P	10	2	1.1
-160	192	160	134	26	26	36	79	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	1.4
-200	232	200	174	26	26	36	119	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	1.8
-250	282	250	224	26	26	36	169	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	2.2
-300	332	300	274	26	26	36	219	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	2.6
-SF08- 80	112	80	54	26	26	36	-	63	21	27	-	8	M6*1.0P	M6*1.0P	3	1	0.8
-120	152	120	94	26	26	36	-	63	21	27	-	8	M6*1.0P	M6*1.0P	10	2	1.1
-160	192	160	134	26	26	36	79	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	1.4
-200	232	200	174	26	26	36	119	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	1.8
-250	282	250	224	26	26	36	169	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	2.2
-300	332	300	274	26	26	36	219	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	2.6
-SF10- 85	117	85	59	26	32	42	-	63	24	32	-	10	M8*1.0P	M6*1.0P	2	1	0.9
-120	152	120	94	26	32	42	-	63	24	32	-	10	M8*1.0P	M6*1.0P	8	2	1.2
-160	192	160	134	26	32	42	79	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	1.5
-200	232	200	174	26	32	42	119	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	1.9
-250	282	250	224	26	32	42	169	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	2.3
-300	332	300	274	26	32	42	219	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	2.7
-SF12- 90	122	90	64	26	37	47	-	63	24	32	-	12	M10*1.0P	M6*1.0P	3	1	0.9
-120	152	120	94	26	37	47	-	63	24	32	-	12	M10*1.0P	M6*1.0P	8	2	1.2
-160	192	160	134	26	37	47	79	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	1.5
-200	232	200	174	26	37	47	119	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	1.9
-250	282	250	224	26	37	47	169	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	2.3
-300	332	300	274	26	37	47	219	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	2.7
-SF14- 90	122	90	64	26	37	47	-	63	27	34	-	14	M10*1.0P	M6*1.0P	3	1	0.9
-120	152	120	94	26	37	47	-	63	27	34	-	14	M10*1.0P	M6*1.0P	8	2	1.2
-160	192	160	134	26	37	47	78	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	1.5
-200	232	200	174	26	37	47	118	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	1.9
-250	282	250	224	26	37	47	168	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	2.3
-300	332	300	274	26	37	47	218	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	2.7

规格说明:

HSK63A - SF - 06 - 80

- 80 — L1 长度 Length (L1)
- 06 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- HSK63A — 锥柄形式 Taper size

·HSK63A-SF 热缩刀柄（4.5 度标准型）

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







FIG. 1

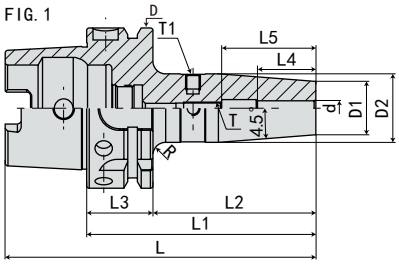


FIG. 2

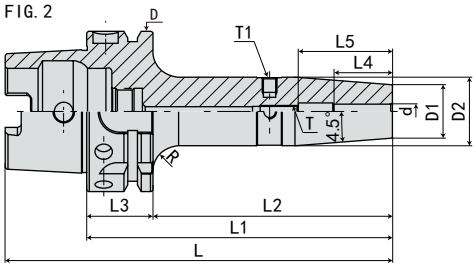
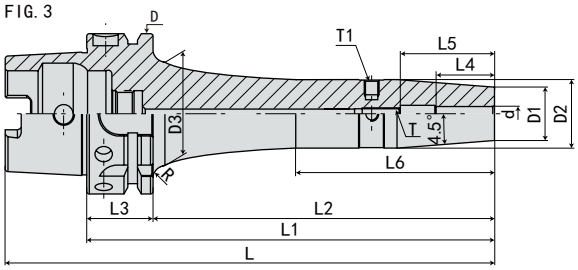


FIG. 3



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
-120	152	120	94	26	40	50	-	63	27	34	-	16	M12*1.0P	M6*1.0P	8	2	1.2
-160	192	160	134	26	40	50	78	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	1.5
-200	232	200	174	26	40	50	118	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	1.9
-250	282	250	224	26	40	50	168	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	2.3
-300	332	300	274	26	40	50	218	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	2.7
-SF18- 95	127	95	69	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	4	1	1.1
-120	152	120	94	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	1.3
-160	192	160	134	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	1.6
-200	232	200	174	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	2.1
-250	282	250	224	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	2.6
-300	332	300	274	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	3.1
-SF20-100	132	100	74	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	1	1.1
-120	152	120	94	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	1.3
-160	192	160	134	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	1.6
-200	232	200	174	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	2.1
-250	282	250	224	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	2.6
-300	332	300	274	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	3.1
-SF25-115	147	115	89	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	1	1	1.9
-130	162	130	104	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	1	2	2.1
-160	192	160	134	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	1	2	2.2
-200	232	200	174	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	1	2	2.6
-250	282	250	224	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	1	2	3
-300	332	300	274	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	1	2	3.4
-SF32-120	152	120	94	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	1	1	1.9
-130	162	130	104	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	1	2	2.2
-160	192	160	134	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	1	2	2.3
-200	232	200	174	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	1	2	2.7
-250	282	250	224	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	1	2	3.1
-300	332	300	274	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	1	2	3.4

规格说明:

HSK63A - SF - 16 - 95

- 95 L1 长度 Length (L1)
- 16 刀杆直径 Diameter
- SF 功能代号 Holder type
- HSK63A 锥柄形式 Taper size

·HSK80A-SF 热缩刀柄（4.5 度标准型）

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



FIG. 1

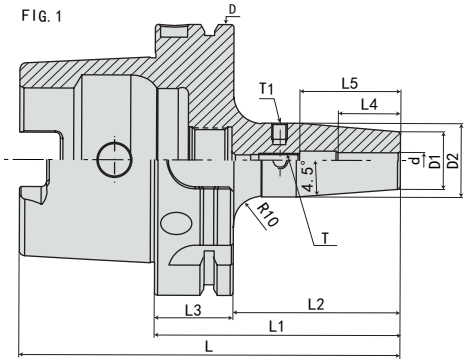




FIG. 2

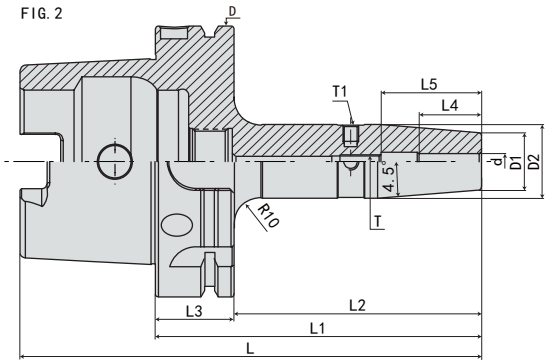
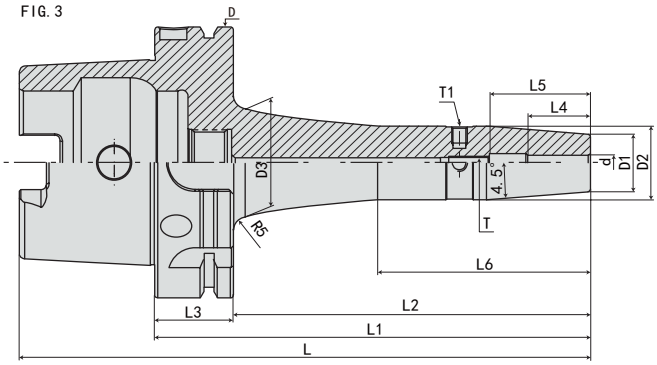




FIG. 3



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	-	80	21	27	-	6	M5*0.8P	M6*1.0P	1	1.4
-120	160	120	94	26	26	36	-	80	21	27	-	6	M5*0.8P	M6*1.0P	2	1.5
-160	200	160	134	26	26	36	61	80	21	27	39	6	M5*0.8P	M6*1.0P	3	2.1
-200	240	200	174	26	26	36	101	80	21	27	39	6	M5*0.8P	M6*1.0P	3	2.2
-SF08- 85	125	85	59	26	26	36	-	80	21	27	-	8	M6*1.0P	M6*1.0P	1	1.4
-120	160	120	95	26	26	36	-	80	21	27	-	8	M6*1.0P	M6*1.0P	2	1.5
-160	200	160	134	26	26	36	61	80	21	27	39	8	M6*1.0P	M6*1.0P	3	2.1
-200	240	200	174	26	26	36	101	80	21	27	39	8	M6*1.0P	M6*1.0P	3	2.2
-SF10- 90	130	90	64	26	32	42	-	80	24	32	-	10	M8*1.0P	M6*1.0P	1	1.5
-120	160	120	94	26	32	42	-	80	24	32	-	10	M8*1.0P	M6*1.0P	2	1.6
-160	200	160	134	26	32	42	72	80	24	32	39	10	M8*1.0P	M6*1.0P	3	2.1
-200	240	200	174	26	32	42	101	80	24	32	44	10	M8*1.0P	M6*1.0P	3	2.3
-SF12- 95	135	95	69	26	37	47	-	80	24	32	-	12	M10*1.0P	M6*1.0P	1	1.5
-120	160	120	94	26	37	47	-	80	24	32	-	12	M10*1.0P	M6*1.0P	2	1.6
-160	200	160	134	26	37	47	72	80	24	32	39	12	M10*1.0P	M6*1.0P	3	2.1
-200	240	200	174	26	37	47	101	80	24	32	44	12	M10*1.0P	M6*1.0P	3	2.3
-SF14- 95	135	95	69	26	37	47	-	80	27	34	-	14	M10*1.0P	M6*1.0P	1	1.5
-120	160	120	94	26	37	47	-	80	27	34	-	14	M10*1.0P	M6*1.0P	2	1.7
-160	200	160	134	26	37	47	66	80	27	34	44	14	M10*1.0P	M6*1.0P	3	2.1
-200	240	200	174	26	37	47	101	80	27	34	46	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

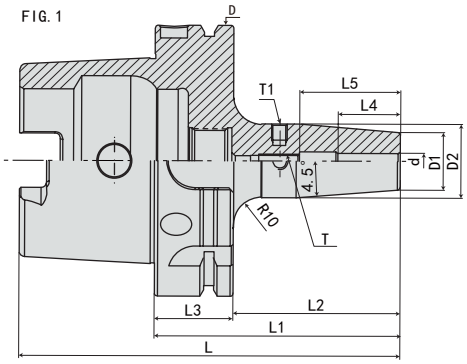




FIG. 2

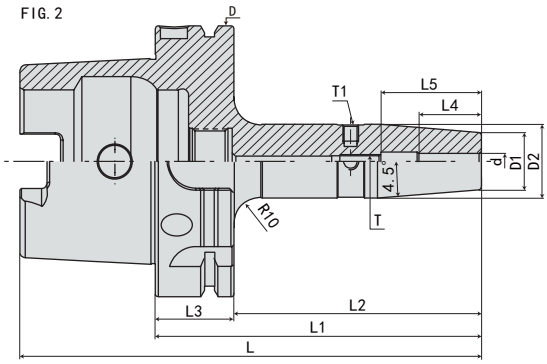
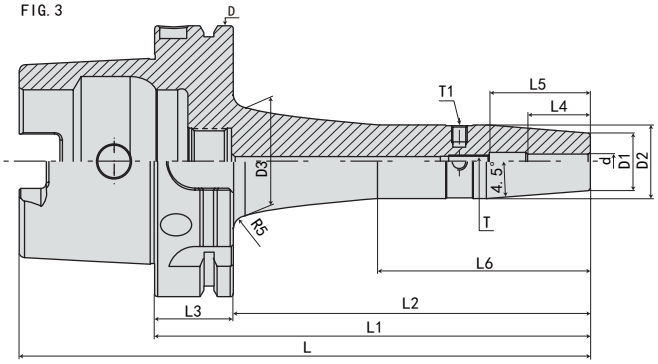




FIG. 3



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
-120	160	120	94	26	40	50	-	80	27	34	-	16	M12*1.0P	M6*1.0P	2	1.8
-160	200	160	134	26	40	50	66	80	27	34	44	16	M12*1.0P	M6*1.0P	3	2.1
-200	240	200	174	26	40	50	101	80	27	34	46	16	M12*1.0P	M6*1.0P	3	2.2
-SF18-100	140	100	74	26	40	50	-	80	33	42	-	18	M12*1.0P	M6*1.0P	1	1.6
-120	160	120	94	26	40	50	-	80	33	42	-	18	M12*1.0P	M6*1.0P	2	1.9
-160	200	160	134	26	40	50	-	80	33	42	-	18	M12*1.0P	M6*1.0P	3	2.2
-200	240	200	174	26	40	50	-	80	33	42	-	18	M12*1.0P	M6*1.0P	3	2.6
-SF20-105	145	105	79	26	42	52	-	80	33	42	-	20	M16*1.0P	M6*1.0P	1	1.6
-120	160	120	94	26	42	52	-	80	33	42	-	20	M16*1.0P	M6*1.0P	2	2.1
-160	200	160	134	26	42	52	-	80	33	42	-	20	M16*1.0P	M6*1.0P	3	2.3
-200	240	200	174	26	42	52	-	80	33	42	-	20	M16*1.0P	M6*1.0P	3	2.7
-SF25-115	155	115	89	26	48	58	-	80	44	53	-	25	M16*1.0P	M6*1.0P	1	2.5
-160	200	160	134	26	48	58	-	80	44	53	-	25	M16*1.0P	M6*1.0P	3	2.8
-200	240	200	174	26	48	58	-	80	44	53	-	25	M16*1.0P	M6*1.0P	3	3.6
-SF32-120	160	120	94	26	52	62	-	80	44	53	-	32	M16*1.0P	M6*1.0P	1	2.5
-160	200	160	134	26	52	62	-	80	44	53	-	32	M16*1.0P	M6*1.0P	3	3.2
-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

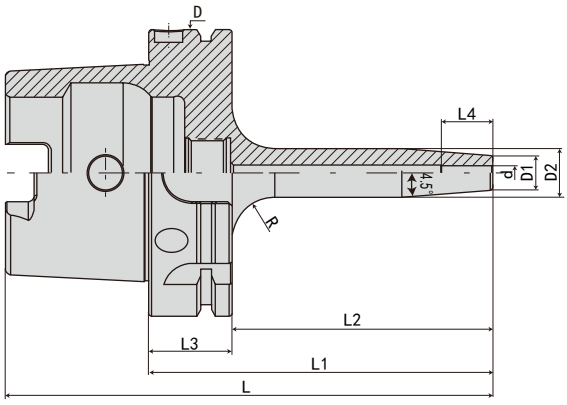
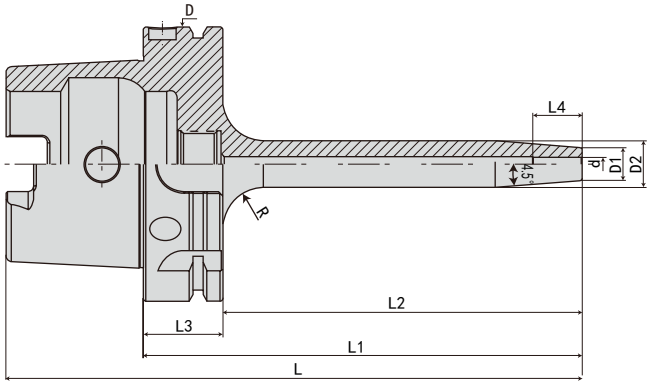




FIG.2



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	15	20	3	10	1	2.2
-120	170	120	91	29	12	100	15	20	3	10	2	2.5
-160	210	160	131	29	12	100	15	25	3	10	2	2.8
-SF04- 85	135	85	56	29	16	100	15	20	4	10	1	2.2
-120	170	120	91	29	16	100	15	20	4	10	2	2.5
-160	210	160	131	29	16	100	15	25	4	10	2	2.8
-SF05- 85	135	85	56	29	18	100	15	20	5	10	1	2.2
-120	170	120	91	29	18	100	15	20	5	10	2	2.5
-160	210	160	131	29	18	100	15	25	5	10	2	2.8

规格说明:

HSK100A - SF - 03 - 85

- 85 — L1 长度 Length (L1)
- 03 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- HSK100A — 锥柄形式 Taper size

·HSK100A-SF 热缩刀柄（4.5 度标准型）

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







FIG. 1

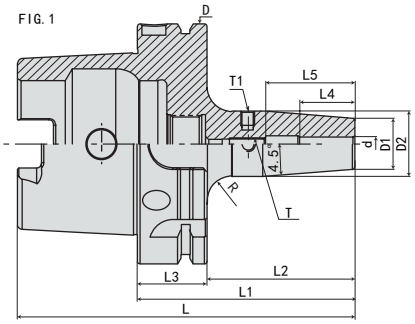


FIG. 2

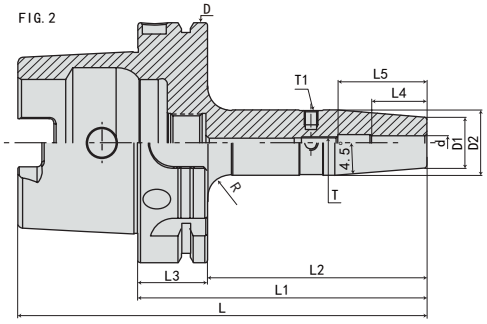
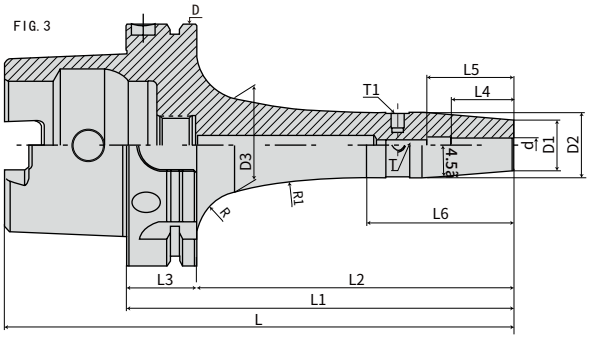


FIG. 3



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
-120	170	120	91	29	26	36	-	100	21	27	-	6	M5*0.8P	M6*1.0P	10	2	2.5
-160	210	160	131	29	26	36	61	100	21	27	39	6	M5*0.8P	M6*1.0P	20	3	2.8
-200	250	200	171	29	26	36	101	100	21	27	39	6	M5*0.8P	M6*1.0P	20	3	3.2
-250	300	250	221	29	26	36	151	100	21	27	39	6	M5*0.8P	M6*1.0P	20	3	3.6
-300	350	300	271	29	26	36	201	100	21	27	39	6	M5*0.8P	M6*1.0P	20	3	4.0
-SF08- 85	135	85	56	29	26	36	-	100	21	27	-	8	M6*1.0P	M6*1.0P	7	1	2.2
-120	170	120	91	29	26	36	-	100	21	27	-	8	M6*1.0P	M6*1.0P	10	2	2.5
-160	210	160	131	29	26	36	61	100	21	27	39	8	M6*1.0P	M6*1.0P	20	3	2.8
-200	250	200	171	29	26	36	101	100	21	27	39	8	M6*1.0P	M6*1.0P	20	3	3.2
-250	300	250	221	29	26	36	151	100	21	24	39	5	M6*1.0P	M6*1.0P	20	3	3.6
-300	350	300	271	29	26	36	201	100	21	24	39	5	M6*1.0P	M6*1.0P	20	3	4.0
-SF10- 90	140	90	61	29	32	42	-	100	24	32	-	10	M8*1.0P	M6*1.0P	5	1	2.3
-120	170	120	91	29	32	42	-	100	24	32	-	10	M8*1.0P	M6*1.0P	10	2	2.6
-160	210	160	131	29	32	42	72	100	24	32	39	10	M8*1.0P	M6*1.0P	20	3	2.9
-200	250	200	171	29	32	42	101	100	24	32	44	10	M8*1.0P	M6*1.0P	20	3	3.3
-250	300	250	221	29	32	41	151	100	24	32	44	10	M8*1.0P	M6*1.0P	20	3	3.7
-300	350	300	271	29	26	41	201	100	24	32	44	10	M8*1.0P	M6*1.0P	20	3	4.1
-SF12- 95	145	95	66	29	37	47	-	100	24	32	-	12	M10*1.0P	M6*1.0P	5	1	2.3
-120	170	120	91	29	37	47	-	100	24	32	-	12	M10*1.0P	M6*1.0P	10	2	2.6
-160	210	160	131	29	37	47	72	100	24	32	39	12	M10*1.0P	M6*1.0P	20	3	2.9
-200	250	200	171	29	37	47	101	100	24	32	44	12	M10*1.0P	M6*1.0P	20	3	3.3
-250	300	250	221	29	37	47	151	100	24	32	44	12	M10*1.0P	M6*1.0P	20	3	3.7
-300	350	300	271	29	37	47	201	100	24	32	44	12	M10*1.0P	M6*1.0P	20	3	4.1
-SF14- 95	145	95	66	29	37	47	-	100	27	34	-	14	M10*1.0P	M6*1.0P	5	1	2.3
-120	170	120	91	29	37	47	-	100	27	34	-	14	M10*1.0P	M6*1.0P	10	2	2.6
-160	210	160	131	29	37	47	66	100	27	34	44	14	M10*1.0P	M6*1.0P	20	3	2.9
-200	250	200	171	29	37	47	101	100	27	34	46	14	M10*1.0P	M6*1.0P	20	3	3.3
-250	300	250	221	29	37	47	151	100	27	34	46	14	M10*1.0P	M6*1.0P	20	3	3.7
-300	350	300	271	29	26	41	201	100	24	32	46	14	M10*1.0P	M6*1.0P	20	3	4.1

·HSK100A-SF 热缩刀柄（4.5 度标准型）

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







FIG. 1

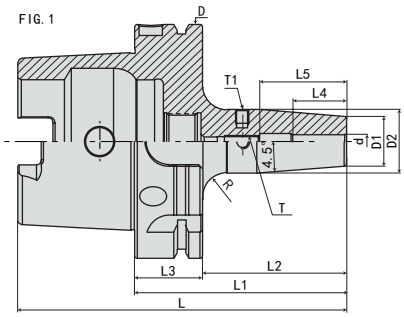


FIG. 2

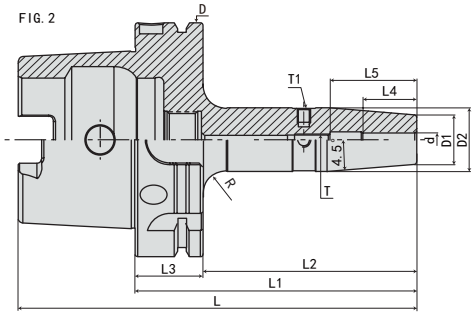
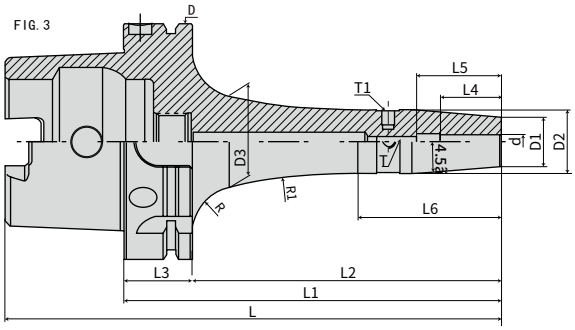


FIG. 3



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
-120	170	120	91	29	40	50	-	100	27	34	-	16	M12*1.0P	M6*1.0P	10	2	2.6
-160	210	160	131	29	40	50	66	100	27	34	44	16	M12*1.0P	M6*1.0P	20	3	2.9
-200	250	200	171	29	40	50	101	100	27	34	46	16	M12*1.0P	M6*1.0P	20	3	3.3
-250	300	250	221	29	40	50	151	100	27	34	46	16	M12*1.0P	M6*1.0P	20	3	3.7
-300	350	300	271	29	40	50	201	100	27	34	46	16	M12*1.0P	M6*1.0P	20	3	4.1
-SF18-100	150	100	71	29	40	50	-	100	33	42	-	18	M12*1.0P	M6*1.0P	5	1	2.4
-120	170	120	91	29	40	50	-	100	33	42	-	18	M12*1.0P	M6*1.0P	10	2	2.7
-160	210	160	131	29	40	50	78	100	33	42	46	18	M12*1.0P	M6*1.0P	20	3	3.1
-200	250	200	171	29	40	50	116	100	33	42	46	18	M12*1.0P	M6*1.0P	20	3	3.4
-250	300	250	221	29	40	50	166	100	33	42	46	18	M12*1.0P	M6*1.0P	20	3	3.8
-300	350	300	271	29	40	50	216	100	33	42	46	18	M12*1.0P	M6*1.0P	20	3	4.2
-SF20-105	155	105	76	29	42	52	-	100	33	42	-	20	M16*1.0P	M6*1.0P	5	1	2.4
-120	170	120	91	29	42	52	-	100	33	42	-	20	M16*1.0P	M6*1.0P	10	2	2.7
-160	210	160	131	29	42	52	78	100	33	42	46	20	M16*1.0P	M6*1.0P	20	3	3.1
-200	250	200	171	29	42	52	116	100	33	42	46	20	M16*1.0P	M6*1.0P	20	3	3.4
-250	300	250	221	29	42	52	166	100	33	42	46	20	M16*1.0P	M6*1.0P	20	3	3.8
-300	350	300	271	29	42	52	216	100	33	42	46	20	M16*1.0P	M6*1.0P	20	3	4.2
-SF25-115	165	115	86	29	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	5	1	3.2
-130	180	130	101	29	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	10	2	3.4
-160	210	160	131	29	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	16	2	3.6
-200	250	200	171	29	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	16	2	4.1
-250	300	250	221	29	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	16	2	4.6
-300	350	300	271	29	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	16	2	5.1
-SF32-120	170	120	91	29	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	5	1	3.2
-140	190	140	111	29	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	10	2	3.4
-160	210	160	131	29	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	16	2	3.6
-200	250	200	171	29	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	16	2	4.1
-250	300	250	221	29	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	16	2	4.6
-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

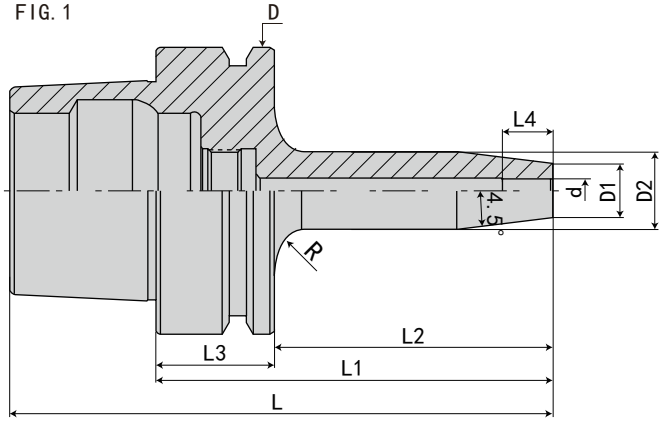
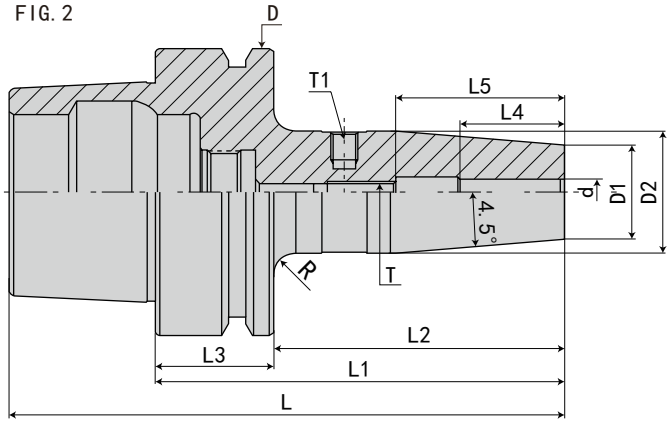




FIG. 2



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	19	3	-	-	1	0.1
-SF04-50	63	50	40	10	16	-	25	15	20	4	-	-	1	0.1
-SF05-50	63	50	40	10	18	-	25	15	20	5	-	-	1	0.1
-SF06-50	63	50	40	10	23	37	25	21	26	6	M5*0.8P	M6*1.0P	2	0.1

规格说明:

HSK25E - SF - 03 - 50

- 50 — L1 长度 Length (L1)
- 03 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- HSK25E — 锥柄形式 Taper size

·HSK32E-SF 热缩刀柄（4.5 度标准型）

HSK32E-SF SHRINK FIT TOOL HOLDER (4.5° STANDARD VERSION)



FIG. 1

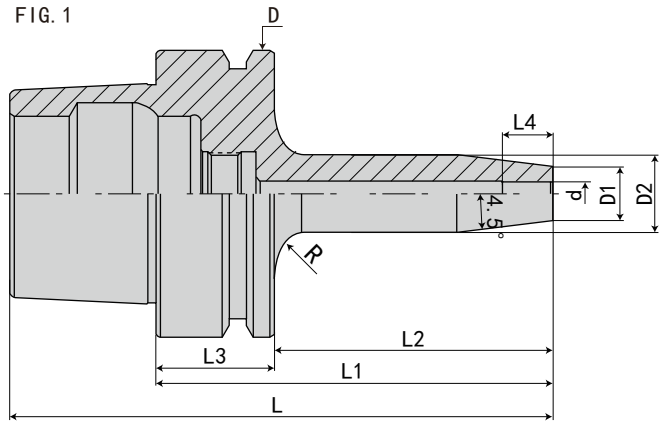
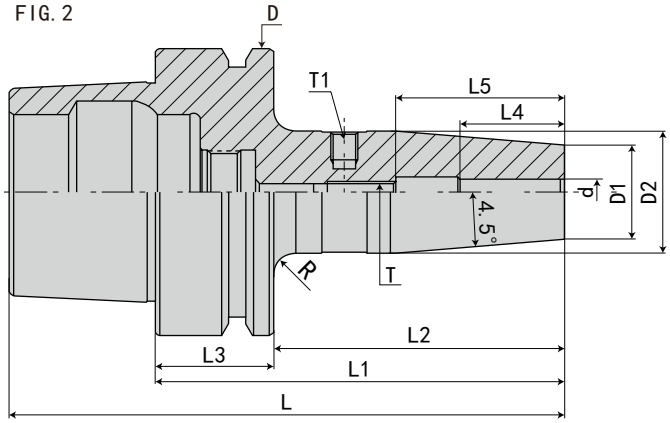




FIG. 2



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
-SF04-60	76	60	40	20	16	-	32	15	20	4	-	-	1	0.2
-SF05-60	76	60	40	20	18	-	32	15	20	5	-	-	1	0.2
-SF06-70	86	70	70	20	26	36	32	21	26	6	M5*0.8P	M6*1.0P	2	0.3
-SF08-70	86	70	70	20	26	36	32	21	26	8	M6*1.0P	M6*1.0P	2	0.3
-SF10-70	86	70	70	20	32	42	32	24	29	10	M8*1.0P	M6*1.0P	2	0.4
-SF12-70	86	70	70	20	37	47	32	24	29	12	M10*1.0P	M6*1.0P	2	0.4

规格说明:

HSK32E - SF - 03 - 60

- HSK32E：锥柄形式 Taper size
- SF：功能代号 Holder type
- 03：刀杆直径 Diameter
- 60：L1 长度 Length (L1)

·HSK40E-SF 热缩刀柄（4.5 度标准型）

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



FIG. 1

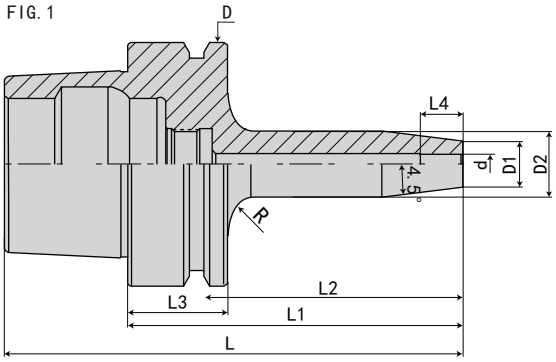
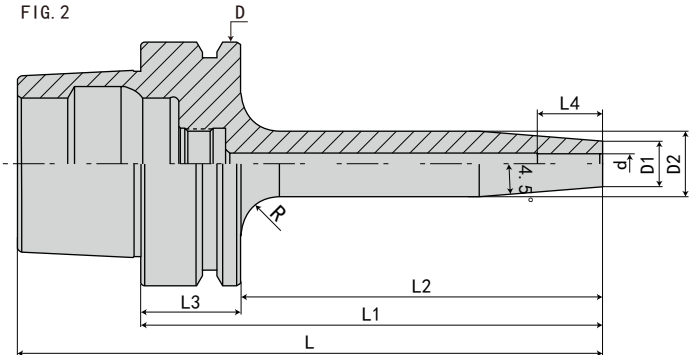




FIG. 2



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	15	20	3	5	1	0.3
-120	140	120	100	20	12	40	15	20	3	5	2	0.4
-160	180	160	140	20	12	40	15	25	3	5	2	0.5
-SF04- 60	80	60	40	20	16	40	15	20	4	5	1	0.3
-120	140	120	100	20	16	40	15	20	4	5	2	0.4
-160	180	160	140	20	16	40	15	25	4	5	2	0.5
-SF05- 60	80	60	40	20	18	40	15	20	5	5	1	0.3
-120	140	120	100	20	18	40	15	20	5	5	2	0.4
-160	180	160	140	20	18	40	15	25	5	5	2	0.5

规格说明:

HSK40E - SF - 03 - 60

- 60 — L1 长度 Length (L1)
- 03 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- HSK40E — 锥柄形式 Taper size

·HSK40E-SF 热缩刀柄（4.5 度标准型）

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



FIG. 1

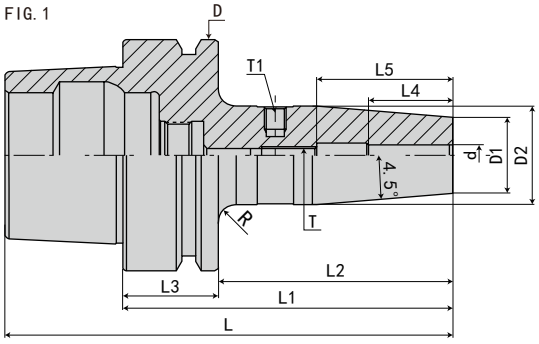
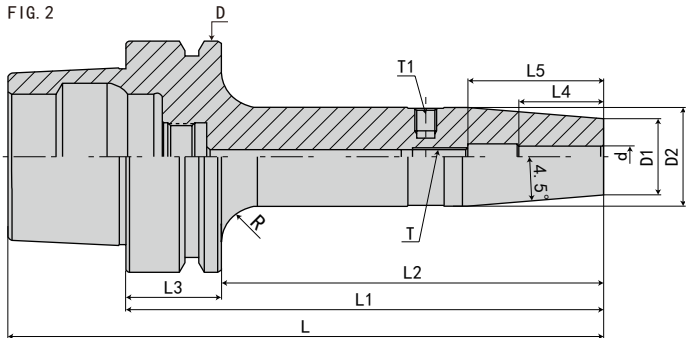




FIG. 2



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
-120	140	120	100	20	26	36	40	21	27	6	M5*0.8P	M6*1.0P	2	0.6
-160	180	160	140	20	26	36	40	21	27	6	M5*0.8P	M6*1.0P	2	0.7
-SF08- 80	100	80	60	20	26	36	40	21	27	8	M6*1.0P	M6*1.0P	1	0.4
-120	140	120	100	20	26	36	40	21	27	8	M6*1.0P	M6*1.0P	2	0.6
-160	180	160	140	20	26	36	40	21	27	8	M6*1.0P	M6*1.0P	2	0.7
-SF10- 80	100	80	60	20	32	42	40	24	32	10	M8*1.0P	M6*1.0P	1	0.5
-120	140	120	100	20	32	42	40	24	32	10	M8*1.0P	M6*1.0P	2	0.7
-160	180	160	140	20	32	42	40	24	32	10	M8*1.0P	M6*1.0P	2	0.8
-SF12- 90	110	90	70	20	37	47	40	24	32	12	M10*1.0P	M6*1.0P	1	0.5
-120	140	120	100	20	37	47	40	24	32	12	M10*1.0P	M6*1.0P	2	0.7
-160	180	160	140	20	37	47	40	24	32	12	M10*1.0P	M6*1.0P	2	0.8
-SF14- 90	110	90	70	20	37	47	40	27	34	14	M10*1.0P	M6*1.0P	1	0.6
-120	140	120	100	20	37	47	40	27	34	14	M10*1.0P	M6*1.0P	2	0.8
-160	180	160	140	20	37	47	40	27	34	14	M10*1.0P	M6*1.0P	2	0.9
-SF16- 90	110	90	70	20	40	50	40	27	34	16	M12*1.0P	M6*1.0P	1	0.5
-120	140	120	100	20	40	50	40	27	34	16	M12*1.0P	M6*1.0P	2	0.7
-160	180	160	140	20	40	50	40	27	34	16	M12*1.0P	M6*1.0P	2	0.8

规格说明:

HSK40E - SF - 06 - 80

- HSK40E：锥柄形式 Taper size
- SF：功能代号 Holder type
- 06：刀杆直径 Diameter
- 80：L1 长度 Length (L1)

·HSK50E-SF 热缩刀柄（4.5 度标准型）

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



FIG. 1

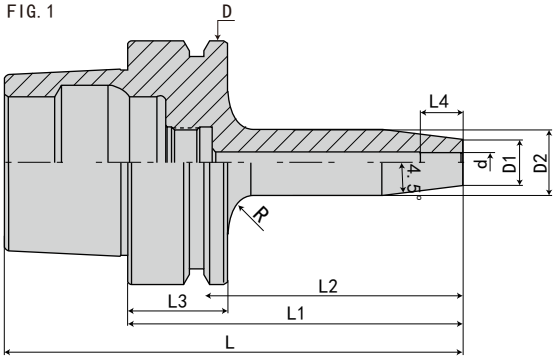
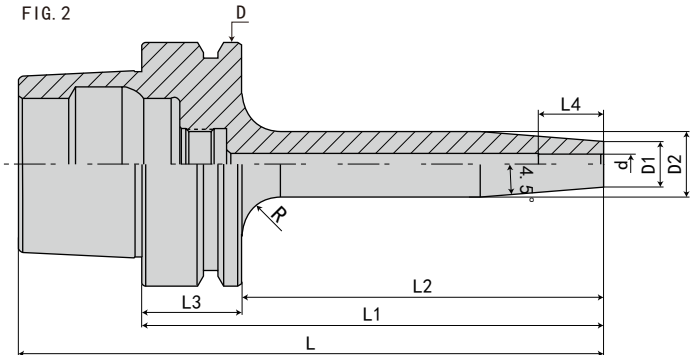




FIG. 2



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	15	20	3	5	1	0.4
-120	145	120	94	26	12	50	15	20	3	5	2	0.5
-160	185	160	134	26	12	50	15	25	3	5	2	0.6
-SF04- 80	105	80	54	26	16	50	15	20	4	5	1	0.5
-120	145	120	94	26	16	50	15	20	4	5	2	0.6
-160	185	160	134	26	16	50	15	25	4	5	2	0.7
-SF05- 80	105	80	54	26	18	50	15	20	5	5	1	0.5
-120	145	120	94	26	18	50	15	20	5	5	2	0.6
-160	185	160	134	26	18	50	15	25	5	5	2	0.7

规格说明:

HSK50E - SF - 03 - 80

- 80 — L1 长度 Length (L1)
- 03 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- HSK50E — 锥柄形式 Taper size

·HSK50E-SF 热缩刀柄（4.5 度标准型）

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



FIG. 1

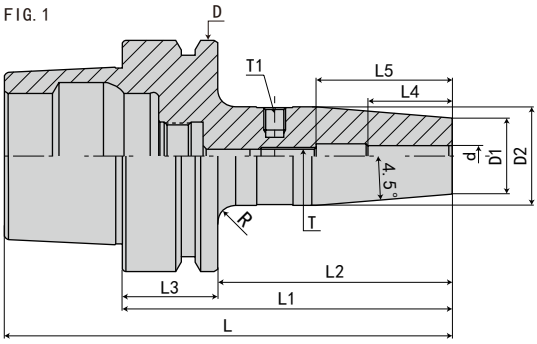
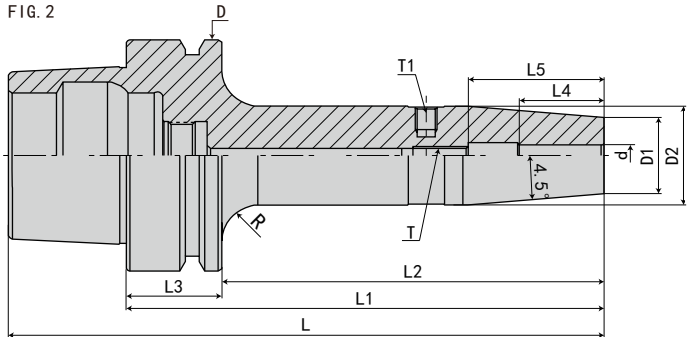




FIG. 2



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
-120	145	120	94	26	26	36	50	21	27	6	M5*0.8P	M6*1.0P	2	0.8
-160	185	160	134	26	26	36	50	21	27	6	M5*0.8P	M6*1.0P	2	0.9
-SF08- 80	105	80	54	26	26	36	50	21	27	8	M6*1.0P	M6*1.0P	1	0.6
-120	145	120	94	26	26	36	50	21	27	8	M6*1.0P	M6*1.0P	2	0.8
-160	185	160	134	26	26	36	50	21	27	8	M6*1.0P	M6*1.0P	2	0.9
-SF10- 85	110	85	59	26	32	42	50	24	32	10	M8*1.0P	M6*1.0P	1	0.7
-120	145	120	94	26	32	42	50	24	32	10	M8*1.0P	M6*1.0P	2	0.8
-160	185	160	134	26	32	42	50	24	32	10	M8*1.0P	M6*1.0P	2	0.9
-SF12- 90	115	90	64	26	37	47	50	24	32	12	M10*1.0P	M6*1.0P	1	0.7
-120	145	120	94	26	37	47	50	24	32	12	M10*1.0P	M6*1.0P	2	0.8
-160	185	160	134	26	37	47	50	24	32	12	M10*1.0P	M6*1.0P	2	0.9
-SF14- 90	115	90	64	26	37	47	50	27	34	14	M10*1.0P	M6*1.0P	1	0.7
-120	145	120	94	26	37	47	50	27	34	14	M10*1.0P	M6*1.0P	2	0.8
-160	185	160	134	26	37	47	50	27	34	14	M10*1.0P	M6*1.0P	2	0.9
-SF16- 95	120	95	69	26	40	50	50	27	34	16	M12*1.0P	M6*1.0P	1	0.7
-120	145	120	94	26	40	50	50	27	34	16	M12*1.0P	M6*1.0P	2	0.8
-200	185	160	134	26	40	50	50	27	34	16	M12*1.0P	M6*1.0P	2	0.9
-SF18- 95	120	95	69	26	40	50	50	33	42	18	M12*1.0P	M6*1.0P	1	0.9
-120	145	120	94	26	40	50	50	33	42	18	M12*1.0P	M6*1.0P	2	1
-200	185	160	134	26	40	50	50	33	42	18	M12*1.0P	M6*1.0P	2	1.1
-SF20-100	125	100	74	26	42	52	50	33	42	20	M16*1.0P	M6*1.0P	1	0.9
-120	145	120	94	26	42	52	50	33	42	20	M16*1.0P	M6*1.0P	2	1
-160	185	160	134	26	42	52	50	33	42	20	M16*1.0P	M6*1.0P	2	1.1

规格说明:

HSK50E - SF - 06 - 80

- 80 — L1 长度 Length (L1)
- 06 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- HSK50E — 锥柄形式 Taper size

·HSK63E-SF 热缩刀柄（4.5 度标准型）

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



FIG. 1

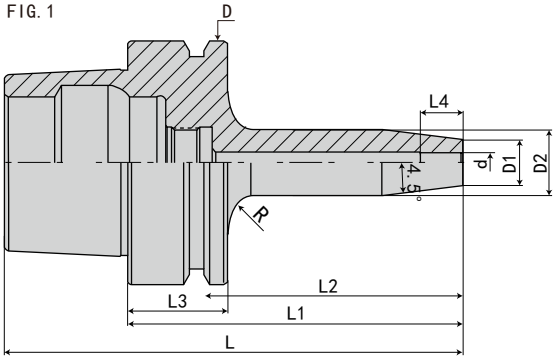
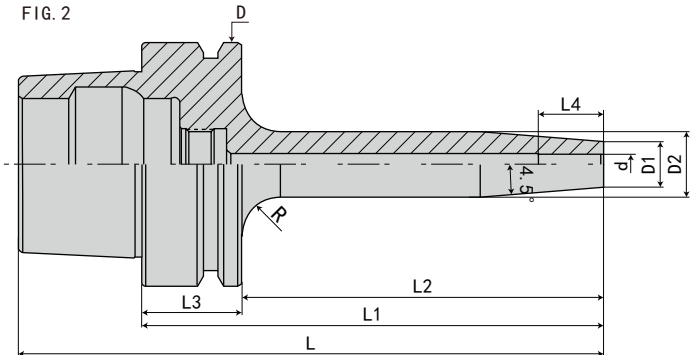




FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
HSK63E-SF03- 80	112	80	54	26	12	63	15	20	3	5	1	0.7
-120	152	120	94	26	12	63	15	20	3	5	2	0.8
-160	192	160	134	26	12	63	15	25	3	5	2	0.9
-SF04- 80	112	80	54	26	16	63	15	20	4	5	1	0.7
-120	152	120	94	26	16	63	15	20	4	5	2	0.8
-160	192	160	134	26	16	63	15	25	4	5	2	0.9
-SF05- 80	112	80	54	26	18	63	15	20	5	5	1	0.7
-120	152	120	94	26	18	63	15	20	5	5	2	0.8
-160	192	160	134	26	18	63	15	25	5	5	2	0.9

规格说明:

HSK63E - SF - 03 - 80

- 80 — L1 长度 Length (L1)
- 03 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- HSK63E — 锥柄形式 Taper size

·HSK63E-SF 热缩刀柄（4.5 度标准型）

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



FIG. 1

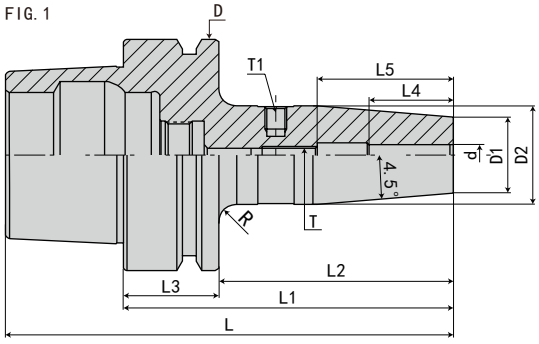
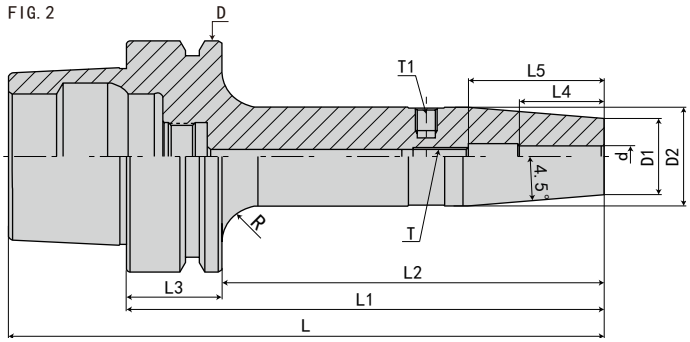




FIG. 2



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

规格说明:

HSK63E - SF - 06 - 80

- 80 — L1 长度 Length (L1)
- 06 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- HSK63E — 锥柄形式 Taper size

·HSK40F-SF 热缩刀柄（4.5 度标准型）

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



FIG. 1

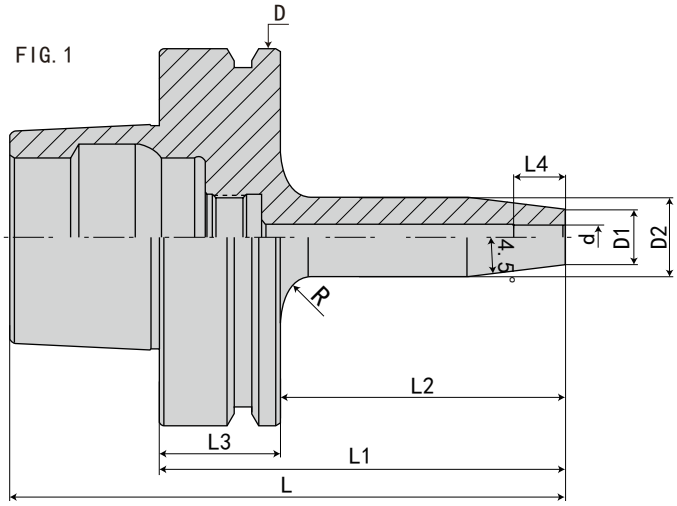
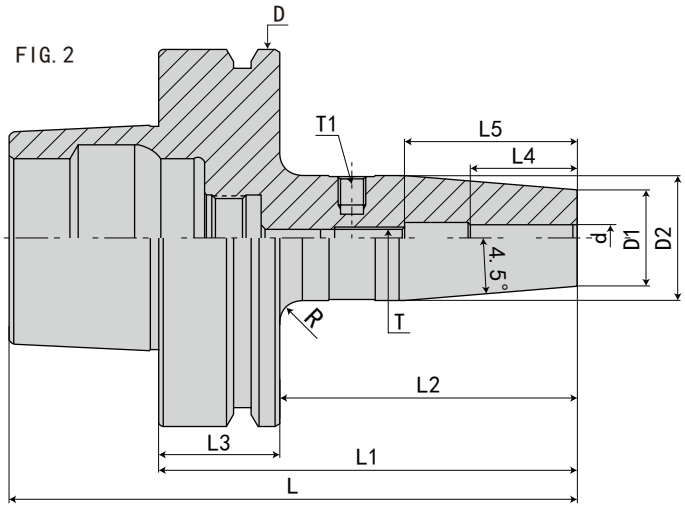




FIG. 2



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
-SF04-60	80	60	40	20	16	-	40	15	20	4	-	-	1	0.5
-SF05-60	80	60	40	20	18	-	40	15	20	5	-	-	1	0.5
-SF06-65	85	65	45	20	26	36	40	21	27	6	M5*0.8P	M6*1.0P	2	0.5
-SF06-80	100	80	60	20	26	36	40	21	27	6	M5*0.8P	M6*1.0P	2	0.8
-SF08-65	85	65	45	20	26	36	40	21	27	8	M6*1.0P	M6*1.0P	2	0.5
-SF08-80	100	80	60	20	26	36	40	21	27	8	M6*1.0P	M6*1.0P	2	0.8
-SF10-65	85	65	45	20	32	42	40	24	31	10	M8*1.0P	M6*1.0P	2	0.6
-SF10-80	100	80	60	20	32	42	40	24	32	10	M8*1.0P	M6*1.0P	2	0.9
-SF12-65	85	65	45	20	37	47	40	24	31	12	M10*1.0P	M6*1.0P	2	0.6
-SF12-90	110	90	70	20	37	47	40	24	32	12	M10*1.0P	M6*1.0P	2	0.9
-SF14-90	110	90	70	20	37	47	40	27	34	14	M10*1.0P	M6*1.0P	2	0.9
-SF16-90	110	90	70	20	40	50	40	27	34	16	M12*1.0P	M6*1.0P	2	0.9

规格说明:

HSK40F - SF - 03 - 60

- 60 — L1 长度 Length (L1)
- 03 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- HSK40F — 锥柄形式 Taper size

·HSK63F-SF 热缩刀柄（4.5 度标准型）

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



FIG. 1

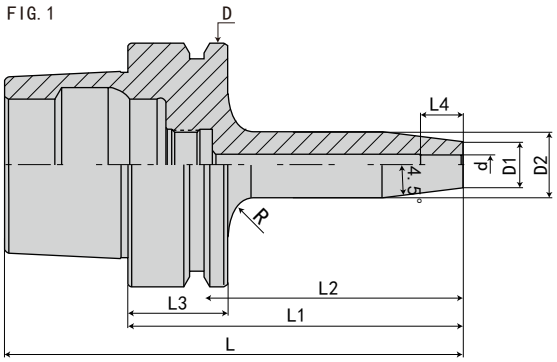
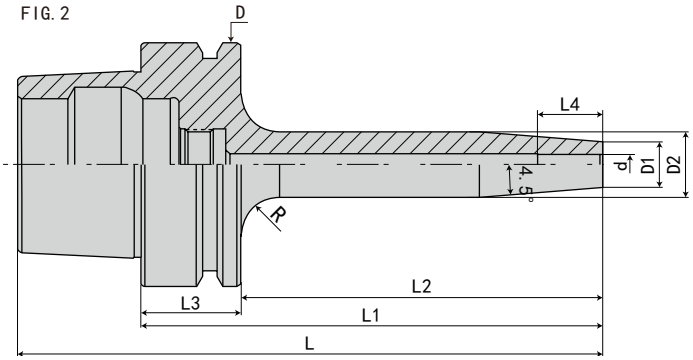




FIG. 2



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	15	20	3	5	1	0.7
-120	145	120	94	26	12	63	15	20	3	5	2	0.8
-160	185	160	134	26	12	63	15	27	3	5	2	0.9
-SF04- 80	105	80	54	26	16	63	15	20	4	5	1	0.7
-120	145	120	94	26	16	63	15	20	4	5	2	0.8
-160	185	160	134	26	16	63	15	27	4	5	2	0.9
-SF05-80	105	80	54	26	18	63	15	20	5	5	1	0.8
-120	145	120	94	26	18	63	15	20	5	5	2	0.8
-160	185	160	134	26	18	63	15	27	5	5	2	0.9

规格说明:

HSK63F - SF - 03 - 80

- 80 — L1 长度 Length (L1)
- 03 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- HSK63F — 锥柄形式 Taper size

·HSK63F-SF 热缩刀柄（4.5 度标准型）

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



FIG. 1

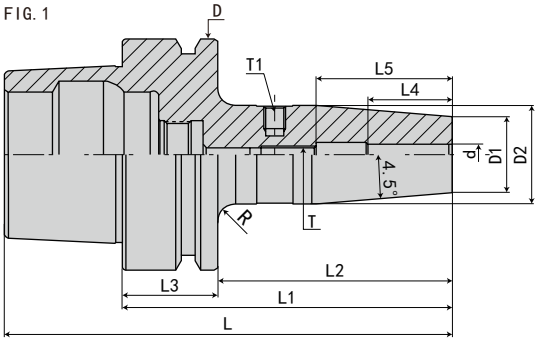
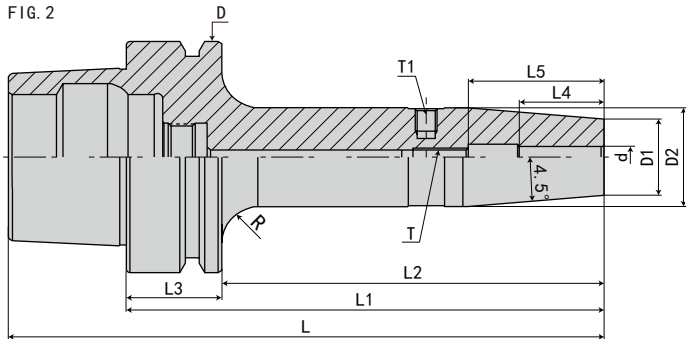




FIG. 2



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

规格说明:

HSK63F - SF - 06 - 80

- 80 — L1 长度 Length (L1)
- 06 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- HSK63F — 锥柄形式 Taper size

·HSK32A-SFS 热缩刀柄（3 度细长型）

HSK32A-SFS SHRINK CHUCK（3° C SLENDER TYPE）



FIG. 1

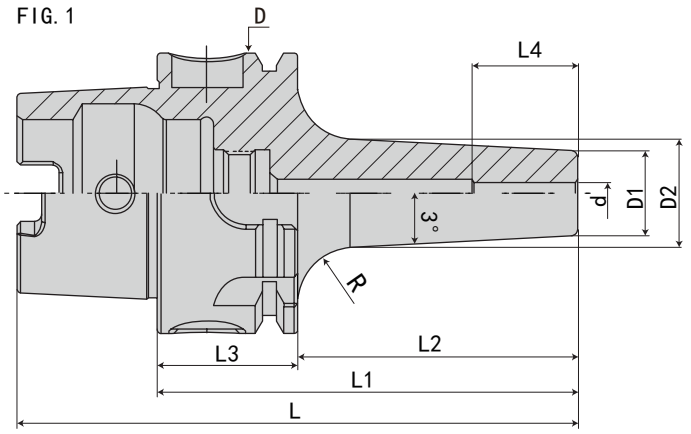
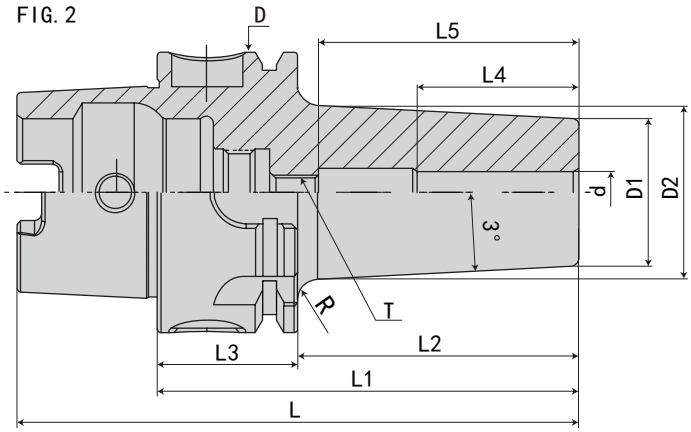




FIG. 2



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
-70	86	70	50	20	12	-	32	9	16	3	-	10	1	0.2
-SFS04-40	56	40	20	20	16	-	32	10	14	4	-	10	1	0.15
-70	86	70	50	20	16	-	32	10	17	4	-	10	1	0.2
-SFS05-40	56	40	20	20	18	-	32	11	15	5	-	10	1	0.15
-70	86	70	50	20	18	-	32	11	18	5	-	10	1	0.2
-SFS06-50	66	50	30	20	26	36	32	12	17	6	M5*0.8P	10	2	0.2
-80	96	80	60	20	26	36	32	12	20	6	M5*0.8P	10	2	0.3
-SFS08-50	66	50	30	20	26	36	32	14	19	8	M6*1.0P	10	2	0.2
-80	96	80	60	20	26	36	32	14	22	8	M6*1.0P	10	2	0.3
-SFS10-55	71	55	35	20	32	42	32	16	21	10	M8*1.0P	10	2	0.2
-80	96	80	60	20	32	42	32	16	22	10	M8*1.0P	10	2	0.3

规格说明:

HSK32A - SFS - 03 - 40

- 40 — L1 长度 Length（L1）
- 03 — 刀杆直径 Diameter
- SFS — 功能代号 Holder type
- HSK32A — 锥柄形式 Taper size

·HSK40A-SFS 热缩刀柄（3 度细长型）

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





FIG. 1

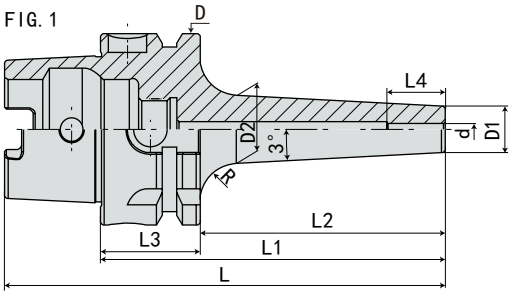
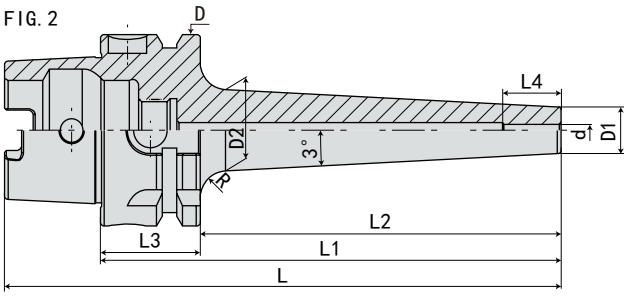


FIG. 2



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
- 70	90	70	50	20	12	40	9	14	3	10	1	0.3
- 80	100	80	60	20	12	40	9	15	3	10	1	0.3
-120	140	120	100	20	12	40	9	18	3	10	2	0.4
-140	160	140	120	20	12	40	9	21	3	10	2	0.6
-SFS04- 60	80	60	40	20	16	40	10	14	4	10	1	0.3
- 70	90	70	50	20	16	40	10	15	4	10	1	0.3
-80	100	80	60	20	16	40	10	16	4	10	1	0.3
-120	140	120	100	20	16	40	10	19	4	10	2	0.4
-140	160	140	120	20	16	40	10	22	4	10	2	0.6
-SFS05- 60	80	60	40	20	18	40	11	15	5	10	1	0.3
- 70	90	70	50	20	18	40	11	16	5	10	1	0.3
- 80	100	80	60	20	18	40	11	17	5	10	1	0.3
-120	140	120	100	20	18	40	11	20	5	10	2	0.6
-140	160	140	120	20	18	40	11	23	5	10	2	0.8

规格说明:

HSK40A - SFS - 03 - 60

- 60 — L1 长度 Length (L1)
- 03 — 刀杆直径 Diameter
- SFS — 功能代号 Holder type
- HSK40A — 锥柄形式 Taper size

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



FIG. 1

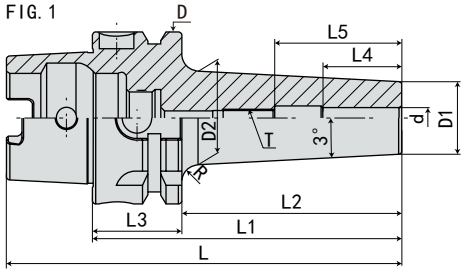
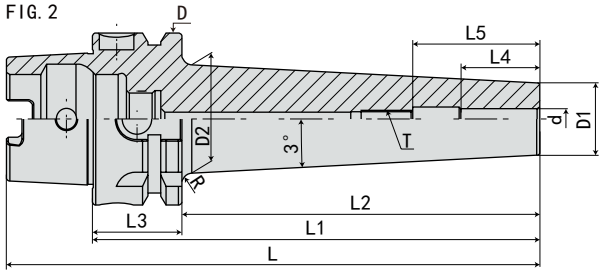


FIG. 2



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
- 70	90	70	50	20	26	36	40	12	17	6	M5*0.8P	10	1	0.3
- 80	100	80	60	20	26	36	40	12	18	6	M5*0.8P	10	1	0.3
-120	140	120	100	20	26	36	40	12	21	6	M5*0.8P	10	2	0.8
-140	160	140	120	20	26	36	40	12	24	6	M5*0.8P	10	2	1
-SFS08- 60	80	60	40	20	26	36	40	14	18	8	M6*1.0P	10	1	0.3
- 70	90	70	50	20	26	36	40	14	19	8	M6*1.0P	10	1	0.3
- 80	100	80	60	20	26	36	40	14	20	8	M6*1.0P	10	1	0.3
-120	140	120	100	20	26	36	40	14	23	8	M6*1.0P	10	2	0.8
-140	160	140	120	20	26	36	40	14	26	8	M6*1.0P	10	2	1
-SFS10- 60	80	60	40	20	32	42	40	16	20	10	M8*1.0P	10	1	0.3
- 70	90	70	50	20	32	42	40	16	21	10	M8*1.0P	10	1	0.3
- 80	100	80	60	20	32	42	40	16	22	10	M8*1.0P	10	1	0.3
-120	140	120	100	20	32	42	40	16	25	10	M8*1.0P	10	2	0.8
-140	160	140	120	20	32	42	40	16	28	10	M8*1.0P	10	2	1
-SFS12- 60	80	60	40	20	37	47	40	18	22	12	M10*1.0P	10	1	0.3
- 70	90	70	50	20	37	47	40	18	23	12	M10*1.0P	10	1	0.3
- 80	100	80	60	20	37	47	40	18	24	12	M10*1.0P	10	1	0.4
-120	140	120	100	20	37	47	40	18	27	12	M10*1.0P	10	2	0.8
-140	160	140	120	20	37	47	40	18	30	12	M10*1.0P	10	2	1
-SFS14- 60	80	60	40	20	37	47	40	20	24	14	M10*1.0P	10	1	0.4
- 70	90	70	50	20	37	47	40	20	25	14	M10*1.0P	10	1	0.4
- 80	100	80	60	20	37	47	40	20	26	14	M10*1.0P	10	1	0.4
-SFS16- 60	80	60	40	20	40	50	40	22	26	16	M12*1.0P	10	1	0.4
- 70	90	70	50	20	40	50	40	22	27	16	M12*1.0P	10	1	0.4
- 80	100	80	60	20	40	50	40	22	28	16	M12*1.0P	10	1	0.5

规格说明:

HSK40A - SFS - 06 - 60

- 60 — L1 长度 Length（L1）
- 06 — 刀杆直径 Diameter
- SFS — 功能代号 Holder type
- HSK40A — 锥柄形式 Taper size

·HSK50A-SFS 热缩刀柄（3 度细长型）

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



FIG. 1

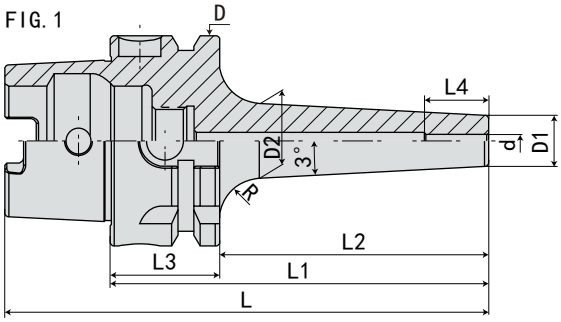
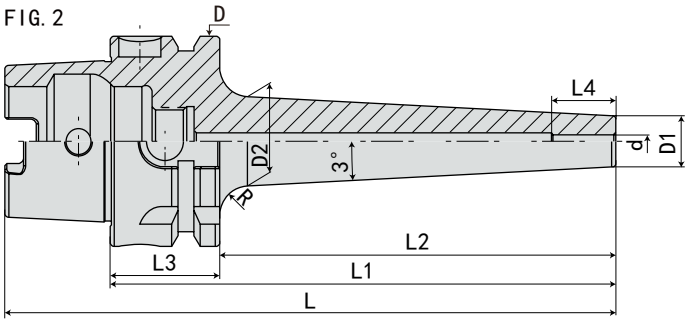




FIG. 2



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
-120	145	120	94	26	12	50	9	16	3	10	2	0.5
-160	185	160	134	26	12	50	9	19	3	10	2	0.6
-SFS04- 90	115	90	64	26	16	50	10	16	4	10	1	0.5
-120	145	120	94	26	16	50	10	17	4	10	2	0.6
-160	185	160	134	26	16	50	10	20	4	10	2	0.7
-SFS05- 90	115	90	64	26	18	50	11	17	5	10	1	0.5
-120	145	120	94	26	18	50	11	18	5	10	2	0.6
-160	185	160	134	26	18	50	11	21	5	10	2	0.7

规格说明:

HSK50A - SFS - 03 - 90

- 90 — L1 长度 Length (L1)
- 03 — 刀杆直径 Diameter
- SFS — 功能代号 Holder type
- HSK50A — 锥柄形式 Taper size

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





FIG. 1

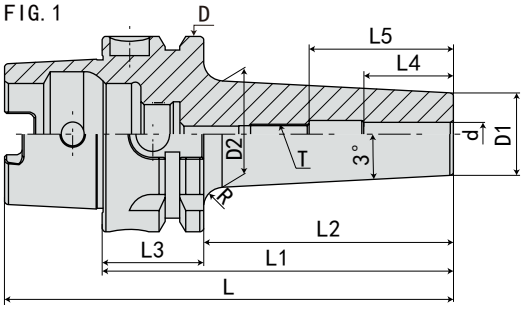
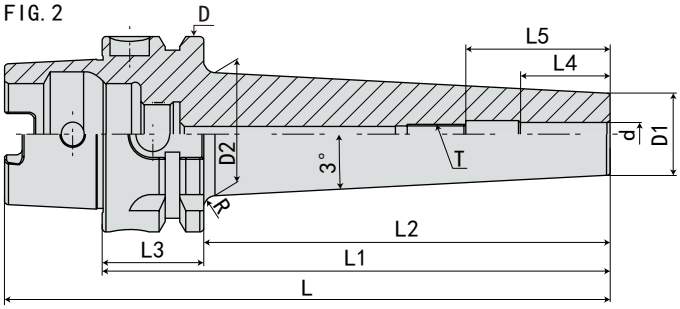


FIG. 2



规 格 Mode	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
-120	145	120	94	26	26	36	50	12	21	6	M5*0.8P	10	2	0.8
-160	185	160	134	26	26	36	50	12	24	6	M5*0.8P	10	2	0.9
-SFS08-90	115	90	64	26	26	36	50	14	20	8	M6*1.0P	10	1	0.6
-120	145	120	94	26	26	36	50	14	23	8	M6*1.0P	10	2	0.8
-160	185	160	134	26	26	36	50	14	26	8	M6*1.0P	10	2	0.9
-SFS10-90	115	90	64	26	32	42	50	16	22	10	M8*1.0P	10	1	0.7
-120	145	120	94	26	32	42	50	16	25	10	M8*1.0P	10	2	0.8
-160	185	160	134	26	32	42	50	16	28	10	M8*1.0P	10	2	0.9
-SFS12-90	115	90	64	26	37	47	50	18	24	12	M10*1.0P	10	1	0.7
-120	145	120	94	26	37	47	50	18	27	12	M10*1.0P	10	2	0.8
-160	185	160	134	26	37	47	50	18	30	12	M10*1.0P	10	2	0.9
-SFS14-90	115	90	64	26	37	47	50	20	26	14	M10*1.0P	10	1	0.7
-120	145	120	94	26	37	47	50	20	29	14	M10*1.0P	10	2	0.8
-160	185	160	134	26	37	47	50	20	32	14	M10*1.0P	10	2	0.9
-SFS16-90	115	90	64	26	40	50	50	22	28	16	M12*1.0P	10	1	0.7
-120	145	120	94	26	40	50	50	22	31	16	M12*1.0P	10	2	0.8
-160	185	160	134	26	40	50	50	22	34	16	M12*1.0P	10	2	0.9

规格说明:

HSK50A - SFS - 06 - 90

- 90 — L1 长度 Length（L1）
- 06 — 刀杆直径 Diameter
- SFS — 功能代号 Holder type
- HSK50A — 锥柄形式 Taper size

·HSK63A-SFS 热缩刀柄（3 度细长型）

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





FIG. 1

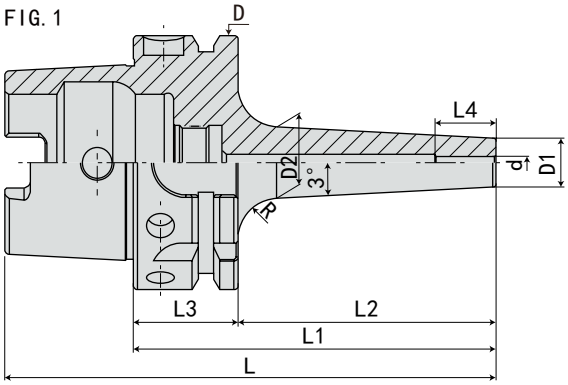
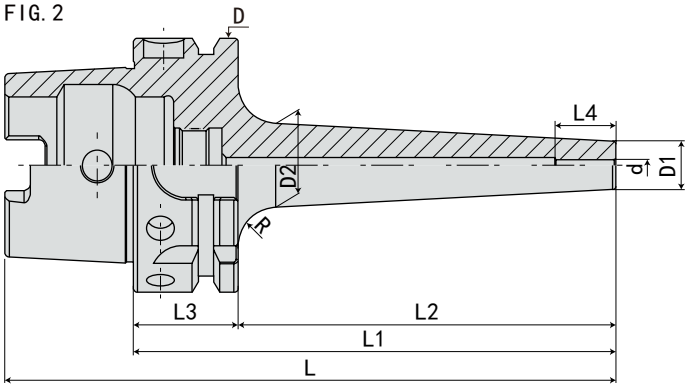


FIG. 2



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
-120	152	120	94	26	12	63	9	16	3	10	2	0.8
-160	192	160	134	26	12	63	9	19	3	10	2	0.8
-200	232	200	174	26	12	63	9	22	3	10	2	0.9
-SFS04- 90	122	90	64	26	16	63	10	16	4	10	1	0.7
-120	152	120	94	26	16	63	10	17	4	10	2	0.8
-160	192	160	134	26	16	63	10	20	4	10	2	0.9
-200	232	200	174	26	16	63	10	23	4	10	2	1
-SFS05- 90	122	90	64	26	18	63	11	17	5	10	1	0.7
-120	152	120	94	26	18	63	11	18	5	10	2	0.8
-160	192	160	134	26	18	63	11	21	5	10	2	0.9
-200	232	200	174	26	18	63	11	24	5	10	2	1

规格说明:

HSK63A - SFS - 03 - 90

- 90 — L1 长度 Length (L1)
- 03 — 刀杆直径 Diameter
- SFS — 功能代号 Holder type
- HSK63A — 锥柄形式 Taper size

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





FIG. 1

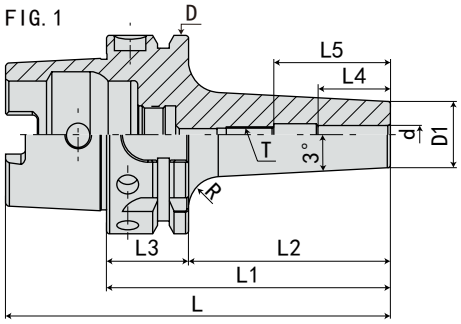
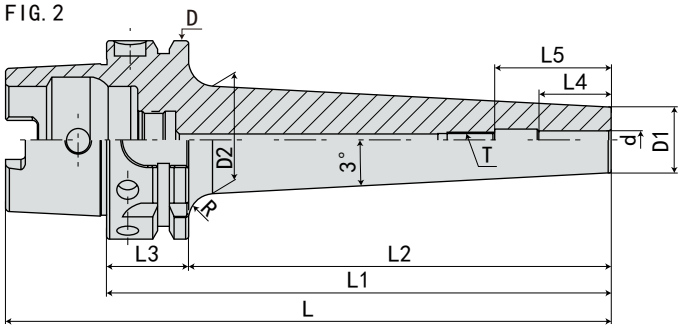


FIG. 2



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
-120	152	120	94	26	26	36	63	12	21	6	M5*0.8P	10	2	0.8
-160	192	160	134	26	26	36	63	12	24	6	M5*0.8P	10	2	0.9
-200	232	200	174	26	26	36	63	12	27	6	M5*0.8P	10	2	1
-250	282	250	224	26	26	36	63	12		6	M5*0.8P	10	2	1.1
-SFS08- 90	122	90	64	26	26	36	63	14	20	8	M6*1.0P	10	1	0.7
-120	152	120	94	26	26	36	63	14	23	8	M6*1.0P	10	2	0.8
-160	192	160	134	26	26	36	63	14	26	8	M6*1.0P	10	2	1
-200	232	200	174	26	26	36	63	14	29	8	M6*1.0P	10	2	1.1
-250	282	250	224	26	26	36	63	14		8	M6*1.0P	10	2	1.2
-SFS10- 90	122	90	64	26	32	42	63	16	22	10	M8*1.0P	10	1	0.8
-120	152	120	94	26	32	42	63	16	25	10	M8*1.0P	10	2	0.9
-160	192	160	134	26	32	42	63	16	28	10	M8*1.0P	10	2	1
-200	232	200	174	26	32	42	63	16	31	10	M8*1.0P	10	2	1.2
-250	282	250	224	26	32	42	63	16		10	M8*1.0P	10	2	1.4
-SFS12- 90	122	90	64	26	37	47	63	18	24	12	M10*1.0P	10	1	0.8
-120	152	120	94	26	37	47	63	18	27	12	M10*1.0P	10	2	0.9
-160	192	160	134	26	37	47	63	18	30	12	M10*1.0P	10	2	1.1
-200	232	200	174	26	37	47	63	18	33	12	M10*1.0P	10	2	1.3
-250	282	250	224	26	37	47	63	18		12	M10*1.0P	10	2	1.5
-SFS14- 90	122	90	64	26	37	47	63	20	26	14	M10*1.0P	10	1	0.8
-120	152	120	94	26	37	47	63	20	29	14	M10*1.0P	10	2	1
-160	192	160	134	26	37	47	63	20	32	14	M10*1.0P	10	2	1.2
-200	232	200	174	26	37	47	63	20	35	14	M10*1.0P	10	2	1.4
-250	282	250	224	26	37	47	63	20		14	M10*1.0P	10	2	1.6
-SFS16- 90	122	90	64	26	40	50	63	22	28	16	M12*1.0P	10	1	0.8
-120	152	120	94	26	40	50	63	22	31	16	M12*1.0P	10	2	1
-160	192	160	134	26	40	50	63	22	34	16	M12*1.0P	10	2	1.2
-200	232	200	174	26	40	50	63	22	37	16	M12*1.0P	10	2	1.5
-250	282	250	224	26	40	50	63	22		16	M12*1.0P	10	2	1.8
-SFS18- 90	122	90	64	26	40	50	63	24	30	18	M12*1.0P	10	1	0.9
-120	152	120	94	26	40	50	63	24	33	18	M12*1.0P	10	2	1
-160	192	160	134	26	40	50	63	24	36	18	M12*1.0P	10	2	1.3
-200	232	200	174	26	40	50	63	24	39	18	M12*1.0P	10	2	1.6
-250	282	250	224	26	40	50	63	24		18	M12*1.0P	10	2	1.9
-SFS20- 90	122	90	64	26	42	52	63	26	32	20	M16*1.0P	10	1	0.9
-120	152	120	94	26	42	52	63	26	35	20	M16*1.0P	10	2	1.1
-160	192	160	134	26	42	52	63	26	38	20	M16*1.0P	10	2	1.4
-200	232	200	174	26	42	52	63	26	41	20	M16*1.0P	10	2	1.7
-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

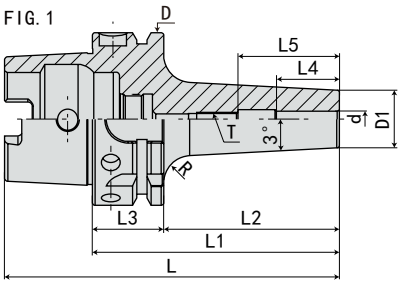
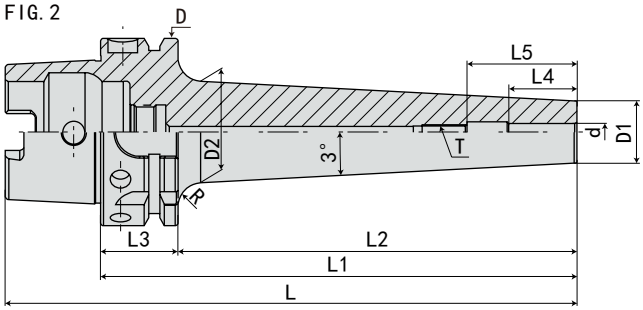


FIG. 2



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
-120	170	120	91	29	26	36	100	12	20	6	M5*0.8P	10	2	2.2
-160	210	160	131	29	26	36	100	12	23	6	M5*0.8P	10	2	2.3
-200	250	200	171	29	26	36	100	12	27	6	M5*0.8P	10	2	2.5
-250	300	250	221	29	26	36	100	12		6	M5*0.8P	10	2	2.7
-SFS08-100	150	100	71	29	26	36	100	14	19	8	M6*1.0P	10	1	2.1
-120	170	120	91	29	26	36	100	14	22	8	M6*1.0P	10	2	2.2
-160	210	160	131	29	26	36	100	14	25	8	M6*1.0P	10	2	2.3
-200	250	200	171	29	26	36	100	14	27	8	M6*1.0P	10	2	2.5
-250	300	250	221	29	26	36	100	14		8	M6*1.0P	10	2	2.7
-SFS10-100	150	100	71	29	32	42	100	16	21	10	M8*1.0P	10	1	2.1
-120	170	120	91	29	32	42	100	16	24	10	M8*1.0P	10	2	2.2
-160	210	160	131	29	32	42	100	16	27	10	M8*1.0P	10	2	2.4
-200	250	200	171	29	32	42	100	16	31	10	M8*1.0P	10	2	2.5
-250	300	250	221	29	32	42	100	16		10	M8*1.0P	10	2	2.6
-SFS12-100	150	100	71	29	37	47	100	18	24	12	M10*1.0P	10	1	2.1
-120	170	120	91	29	37	47	100	18	26	12	M10*1.0P	10	2	2.3
-160	210	160	131	29	37	47	100	18	29	12	M10*1.0P	10	2	2.5
-200	250	200	171	29	37	47	100	18	32	12	M10*1.0P	10	2	2.6
-250	300	250	221	29	37	47	100	18		12	M10*1.0P	10	2	2.7
-SFS14-100	150	100	71	29	37	47	100	20	26	14	M10*1.0P	10	1	2.2
-120	170	120	91	29	37	47	100	20	28	14	M10*1.0P	10	2	2.3
-160	210	160	131	29	37	47	100	20	30	14	M10*1.0P	10	2	2.5
-200	250	200	171	29	37	47	100	20	34	14	M10*1.0P	10	2	2.7
-250	300	250	221	29	37	47	100	20		14	M10*1.0P	10	2	2.9
-SFS16-100	150	100	71	29	40	50	100	22	28	16	M12*1.0P	10	1	2.2
-120	170	120	91	29	40	50	100	22	30	16	M12*1.0P	10	2	2.3
-160	210	160	131	29	40	50	100	22	32	16	M12*1.0P	10	2	2.6
-200	250	200	171	29	40	50	100	22	34	16	M12*1.0P	10	2	2.8
-250	300	250	221	29	40	50	100	22		16	M12*1.0P	10	2	3
-SFS18-100	150	100	71	29	40	50	100	24	30	18	M12*1.0P	10	1	2.3
-120	170	120	91	29	40	50	100	24	32	18	M12*1.0P	10	2	2.4
-160	210	160	131	29	40	50	100	24	36	18	M12*1.0P	10	2	2.7
-200	250	200	171	29	40	50	100	24	40	18	M12*1.0P	10	2	3
-250	300	250	221	29	40	50	100	24		18	M12*1.0P	10	2	3.3
-SFS20-100	150	100	71	29	42	52	100	27	34	20	M16*1.0P	10	1	2.3
-120	170	120	91	29	42	52	100	27	35	20	M16*1.0P	10	2	2.4
-160	210	160	131	29	42	52	100	27	42	20	M16*1.0P	10	2	2.8
-200	250	200	171	29	42	52	100	27	49	20	M16*1.0P	10	2	3.2
-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

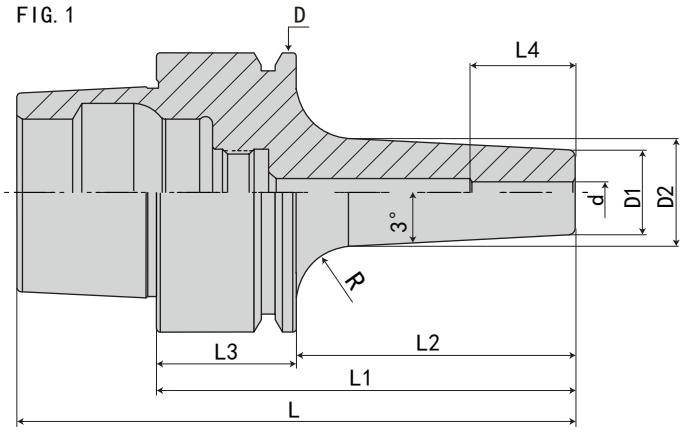
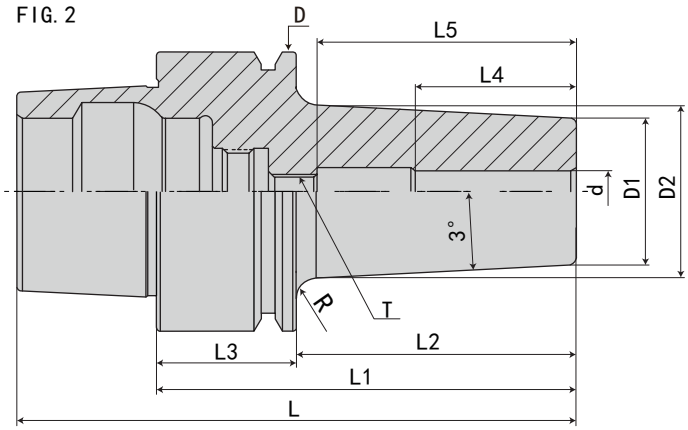




FIG. 2



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
-55	68	55	45	10	12	-	25	9	13.5	3	-	10	1	0.15
-70	83	70	60	10	12	-	25	9	15	3	-	10	1	0.2
-SFS04-45	58	45	35	10	16	-	25	10	13.5	4	-	10	1	0.1
-55	68	55	45	10	16	-	25	10	14.5	4	-	10	1	0.15
-70	83	70	60	10	16	-	25	10	16	4	-	10	1	0.2
-SFS05-45	58	45	35	10	18	-	25	11	14.5	5	-	10	1	0.1
-55	68	55	45	10	18	-	25	11	15.5	5	-	10	1	0.15
-70	83	70	60	10	18	-	25	11	17	5	-	10	1	0.2
-SFS06-45	58	45	35	10	26	36	25	12	15.5	6	M5*0.8P	10	2	0.15
-70	83	70	60	10	26	36	25	12	18	6	M5*0.8P	10	2	0.2
-SFS08-50	63	50	40	10	26	36	25	14	18	8	M6*1.0P	10	2	0.15
-70	83	70	60	10	26	36	25	14	18	8	M6*1.0P	10	2	0.2
-SFS10-50	63	50	40	10	32	42	25	16	19	10	M8*1.0P	10	2	0.15
-70	83	70	60	10	32	42	25	16	19	10	M8*1.0P	10	2	0.2

规格说明:

HSK25E - SFS - 03 - 45

- 45 — L1 长度 Length (L1)
- 03 — 刀杆直径 Diameter
- SFS — 功能代号 Holder type
- HSK25E — 锥柄形式 Taper size

·HSK32E-SFS 热缩刀柄（3 度细长型）



FIG. 1

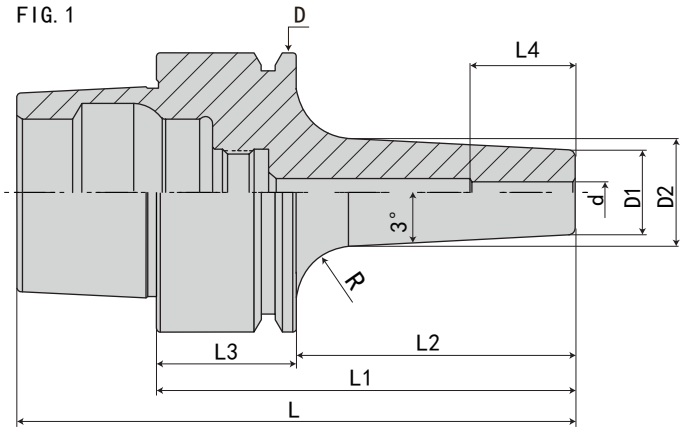
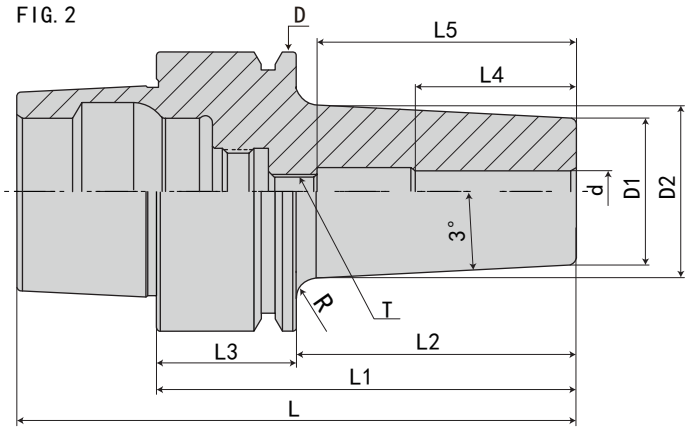




FIG. 2



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
-70	86	70	50	20	12	-	32	9	16	3	-	10	1	0.2
-SFS04-40	56	40	20	20	16	-	32	10	14	4	-	10	1	0.15
-70	86	70	50	20	16	-	32	10	17	4	-	10	1	0.2
-SFS05-40	56	40	20	20	18	-	32	11	15	5	-	10	1	0.15
-70	86	70	50	20	18	-	32	11	18	5	-	10	1	0.2
-SFS06-50	66	50	30	20	26	36	32	12	17	6	M5*0.8P	10	2	0.2
-80	96	80	60	20	26	36	32	12	20	6	M5*0.8P	10	2	0.3
-SFS08-50	66	50	30	20	26	36	32	14	19	8	M6*1.0P	10	2	0.2
-80	96	80	60	20	26	36	32	14	22	8	M6*1.0P	10	2	0.3
-SFS10-55	71	55	35	20	32	42	32	16	21	10	M8*1.0P	10	2	0.2
-80	96	80	60	20	32	42	32	16	22	10	M8*1.0P	10	2	0.3

规格说明:

HSK32E - SFS - 03 - 40

- 40 — L1 长度 Length (L1)
- 03 — 刀杆直径 Diameter
- SFS — 功能代号 Holder type
- HSK32E — 锥柄形式 Taper size

·HSK40E-SFS 热缩刀柄（3 度细长型）

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





FIG. 1

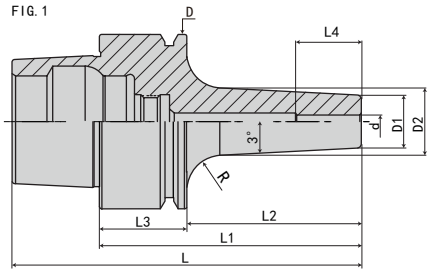
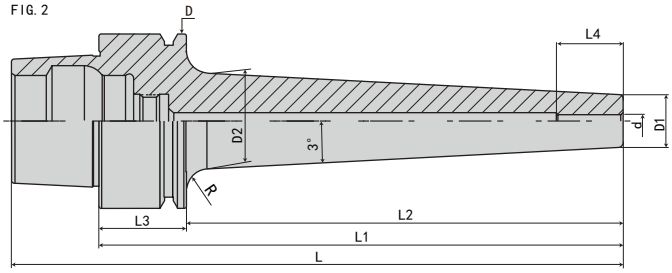


FIG. 2



规 格 Model	L	L1	L2	L3	L4	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
- 70	90	70	50	20	12	40	9	14	3	10	1	0.3
- 80	100	80	60	20	12	40	9	15	3	10	1	0.3
-120	140	120	100	20	12	40	9	18	3	10	2	0.4
-140	160	140	120	20	12	40	9	21	3	10	2	0.6
-SFS04- 60	80	60	40	20	16	40	10	14	4	10	1	0.3
- 70	90	70	50	20	16	40	10	15	4	10	1	0.3
- 80	100	80	60	20	16	40	10	16	4	10	1	0.3
-120	140	120	100	20	16	40	10	19	4	10	2	0.4
-140	160	140	120	20	16	40	10	22	4	10	2	0.6
-SFS05- 60	80	60	40	20	18	40	11	15	5	10	1	0.3
- 70	90	70	50	20	18	40	11	16	5	10	1	0.3
- 80	100	80	60	20	18	40	11	17	5	10	1	0.3
-120	140	120	100	20	18	40	11	20	5	10	2	0.6
-140	160	140	120	20	18	40	11	23	5	10	2	0.8

规格说明:

HSK40E - SFS - 03 - 60

- HSK40E：锥柄形式 Taper size
- SFS：功能代号 Holder type
- 03：刀杆直径 Diameter
- 60：L1 长度 Length（L1）

·HSK40E-SFS 热缩刀柄（3 度细长型）

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





FIG. 1

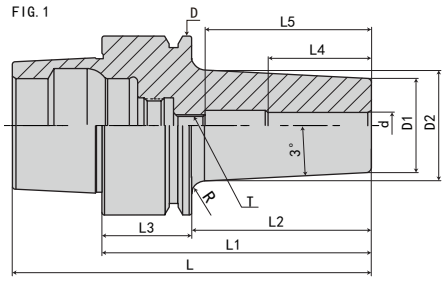
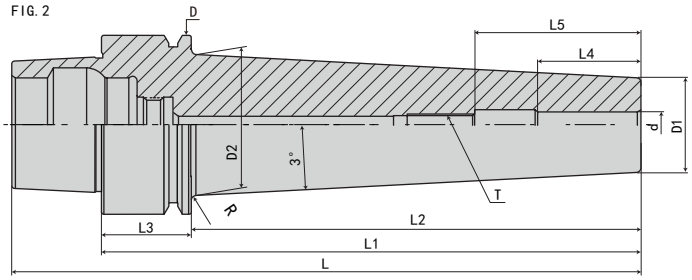


FIG. 2



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
- 70	90	70	50	20	26	36	40	12	17	6	M5*0.8P	10	1	0.3
- 80	100	80	60	20	26	36	40	12	18	6	M5*0.8P	10	1	0.3
-120	140	120	100	20	26	36	40	12	21	6	M5*0.8P	10	2	0.8
-140	160	140	120	20	26	36	40	12	24	6	M5*0.8P	10	2	1
-SFS08- 60	80	60	40	20	26	36	40	14	18	8	M6*1.0P	10	1	0.3
- 70	90	70	50	20	26	36	40	14	19	8	M6*1.0P	10	1	0.3
- 80	100	80	60	20	26	36	40	14	20	8	M6*1.0P	10	1	0.3
-120	140	120	100	20	26	36	40	14	23	8	M6*1.0P	10	2	0.8
-140	160	140	120	20	26	36	40	14	26	8	M6*1.0P	10	2	1
-SFS10- 60	80	60	40	20	32	42	40	16	20	10	M8*1.0P	10	1	0.3
- 70	90	70	50	20	32	42	40	16	21	10	M8*1.0P	10	1	0.3
- 80	100	80	60	20	32	42	40	16	22	10	M8*1.0P	10	1	0.3
-120	140	120	100	20	32	42	40	16	25	10	M8*1.0P	10	2	0.8
-140	160	140	120	20	32	42	40	16	28	10	M8*1.0P	10	2	1
-SFS12- 60	80	60	40	20	37	47	40	18	22	12	M10*1.0P	10	1	0.3
- 70	90	70	50	20	37	47	40	18	23	12	M10*1.0P	10	1	0.3
- 80	100	80	60	20	37	47	40	18	24	12	M10*1.0P	10	1	0.4
-120	140	120	100	20	37	47	40	18	27	12	M10*1.0P	10	2	0.8
-140	160	140	120	20	37	47	40	18	30	12	M10*1.0P	10	2	1
-SFS14- 60	80	60	40	20	37	47	40	20	24	14	M10*1.0P	10	1	0.4
- 70	90	70	50	20	37	47	40	20	25	14	M10*1.0P	10	1	0.4
- 80	100	80	60	20	37	47	40	20	26	14	M10*1.0P	10	1	0.4
-SFS16- 60	80	60	40	20	40	50	40	22	26	16	M12*1.0P	10	1	0.4
- 70	90	70	50	20	40	50	40	22	27	16	M12*1.0P	10	1	0.4
- 80	100	80	60	20	40	50	40	22	28	16	M12*1.0P	10	1	0.5

规格说明:

HSK40E - SFS - 06 - 60

- 60 — L1 长度 Length (L1)
- 06 — 刀杆直径 Diameter
- SFS — 功能代号 Holder type
- HSK40E — 锥柄形式 Taper size

·HSK50E-SFS 热缩刀柄（3 度细长型）

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





FIG. 1

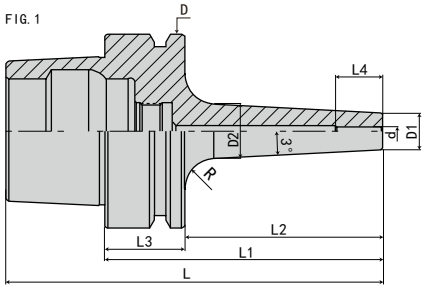
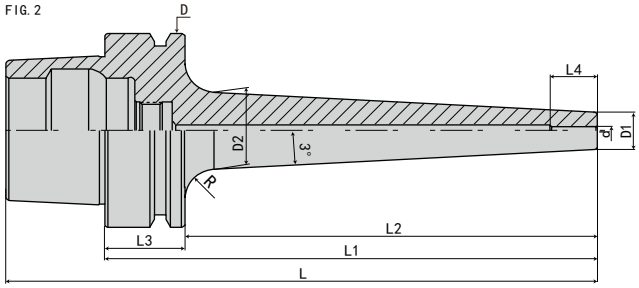


FIG. 2



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
- 80	105	80	54	26	12	50	9	15	3	10	1	0.6
-100	125	100	74	26	12	50	9	17	3	10	2	0.8
-120	145	120	94	26	12	50	9	18	3	10	2	1
-150	175	150	124	26	12	50	9	21	3	10	2	1.2
-SFS04- 70	95	70	44	26	16	50	10	15	4	10	1	0.5
- 80	105	80	54	26	16	50	10	16	4	10	1	0.6
-100	125	100	74	26	16	50	10	18	4	10	2	0.8
-120	145	120	94	26	16	50	10	19	4	10	2	1
-150	175	150	124	26	16	50	10	22	4	10	2	1.2
-SFS05- 70	95	70	44	26	18	50	11	16	5	10	1	0.5
- 80	105	80	54	26	18	50	11	17	5	10	1	0.6
-100	125	100	74	26	18	50	11	19	5	10	2	0.8
-120	145	120	94	26	18	50	11	20	5	10	2	1
-150	175	150	124	26	18	50	11	23	5	10	2	1.2

规格说明:

HSK50E - SFS - 03 - 70

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

·HSK50E-SFS 热缩刀柄（3 度细长型）

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





FIG. 1

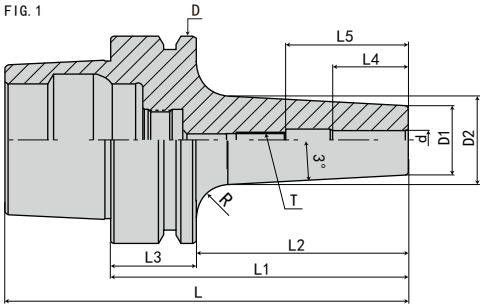
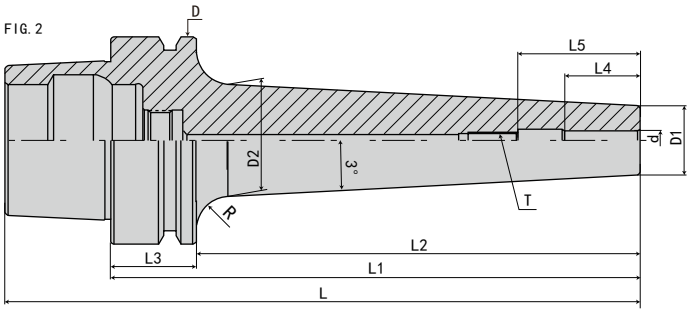


FIG. 2



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
- 80	105	80	54	26	26	36	50	12	18	6	M5*0.8P	10	1	0.6
-100	125	100	74	26	26	36	50	12	20	6	M5*0.8P	10	2	0.8
-120	145	120	94	26	26	36	50	12	21	6	M5*0.8P	10	2	1
-150	175	150	124	26	26	36	50	12	24	6	M5*0.8P	10	2	1.2
-SFS08- 70	95	70	44	26	26	36	50	14	19	8	M6*1.0P	10	1	0.5
-80	105	80	54	26	26	36	50	14	20	8	M6*1.0P	10	1	0.6
-100	125	100	74	26	26	36	50	14	22	8	M6*1.0P	10	2	0.8
-120	145	120	94	26	26	36	50	14	23	8	M6*1.0P	10	2	1
-150	175	150	124	26	26	36	50	14	26	8	M6*1.0P	10	2	1.2
-SFS10- 70	95	70	44	26	32	42	50	16	21	10	M8*1.0P	10	1	0.5
- 80	105	80	54	26	32	42	50	16	22	10	M8*1.0P	10	1	0.6
-100	125	100	74	26	32	42	50	16	24	10	M8*1.0P	10	2	0.8
-120	145	120	94	26	32	42	50	16	25	10	M8*1.0P	10	2	1
-150	175	150	124	26	32	42	50	16	28	10	M8*1.0P	10	2	1.2
-SFS12- 70	95	70	44	26	37	47	50	18	23	12	M10*1.0P	10	1	0.5
- 80	105	80	54	26	37	47	50	18	24	12	M10*1.0P	10	1	0.6
-100	125	100	74	26	37	47	50	18	26	12	M10*1.0P	10	2	0.8
-120	145	120	94	26	37	47	50	18	27	12	M10*1.0P	10	2	1
-150	175	150	124	26	37	47	50	18	30	12	M10*1.0P	10	2	1.2

规格说明:

HSK50E - SFS - 06 - 70

- 70 — L1 长度 Length (L1)
- 06 — 刀杆直径 Diameter
- SFS — 功能代号 Holder type
- HSK50E — 锥柄形式 Taper size

·HSK63E-SFS 热缩刀柄（3 度细长型）

HSK63E-SFS SHRINK CHUCK（3° C SLENDER TYPE）





FIG. 1

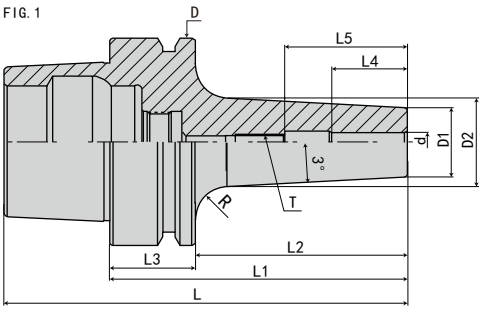
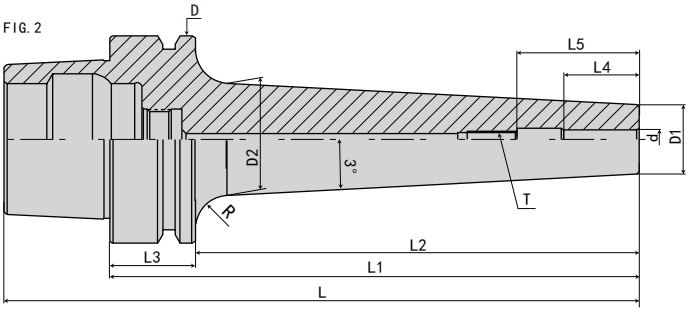


FIG. 2



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
-120	152	120	94	26	26	36	63	12	22	6	M5*0.8P	10	2	0.9
-SFS08- 80	112	80	54	26	26	36	63	14	20	8	M6*1.0P	10	1	0.8
-120	152	120	94	26	26	36	63	14	24	8	M6*1.0P	10	2	0.9
-SFS10- 80	112	80	54	26	32	42	63	16	22	10	M8*1.0P	10	1	0.8
-120	152	120	94	26	32	42	63	16	26	10	M8*1.0P	10	2	0.9
-SFS12- 80	112	80	54	26	37	47	63	18	24	12	M10*1.0P	10	1	0.9
-120	152	120	94	26	37	47	63	18	28	12	M10*1.0P	10	2	1

规格说明:

HSK63E - SFS - 06 - 80

- 80 — L1 长度 Length（L1）
- 06 — 刀杆直径 Diameter
- SFS — 功能代号 Holder type
- HSK63E — 锥柄形式 Taper size

·HSK40F-SFS 热缩刀柄（3 度细长型）

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



FIG. 1

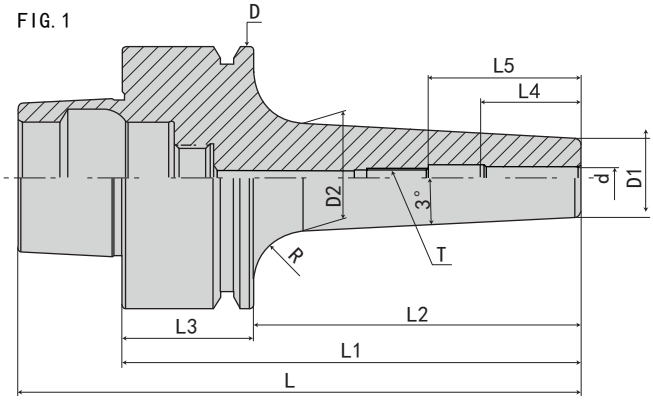
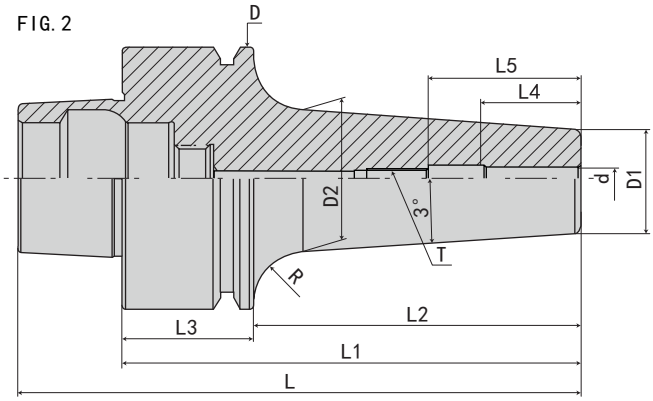




FIG. 2



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
-SFS04-70	90	70	50	20	16	-	40	10	15	4	-	10	1	0.4
-SFS05-70	90	70	50	20	18	-	40	11	16	5	-	10	1	0.4
-SFS06-70	90	70	50	20	26	36	40	12	17	6	M5*0.8P	10	2	0.4
-SFS08-70	90	70	50	20	26	36	40	14	19	8	M6*1.0P	10	2	0.4
-SFS10-70	90	70	50	20	32	42	40	16	22	10	M8*1.0P	10	2	0.5
-SFS12-70	90	70	50	20	37	47	40	18	24	12	M10*1.0P	10	2	0.5

规格说明:

HSK40F - SFS - 03 - 70

- 70 — L1 长度 Length（L1）
- 03 — 刀杆直径 Diameter
- SFS — 功能代号 Holder type
- HSK40F — 锥柄形式 Taper size

·HSK63F-SFS 热缩刀柄（3 度细长型）

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





FIG. 1

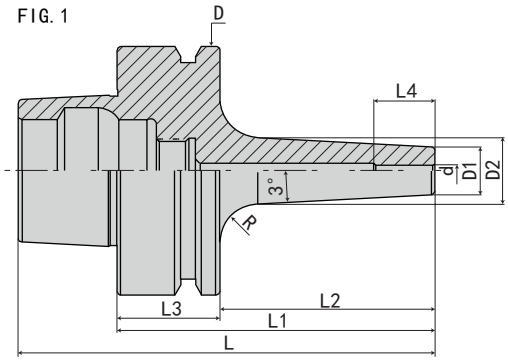
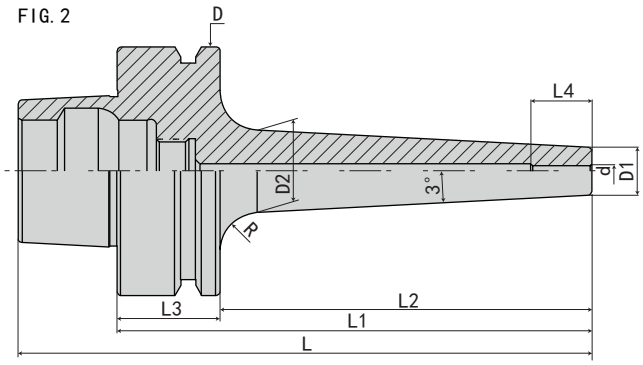


FIG. 2



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
-120	145	120	94	26	12	63	9	16	3	10	2	0.8
-160	185	160	134	26	12	63	9	19	3	10	2	0.9
-SFS04- 80	105	80	54	26	16	63	10	15	4	10	1	0.7
-120	145	120	94	26	16	63	10	17	4	10	2	0.8
-160	185	160	134	26	16	63	10	20	4	10	2	0.9
-SFS05- 80	105	80	54	26	18	63	11	16	5	10	1	0.8
-120	145	120	94	26	18	63	11	18	5	10	2	0.8
-160	185	160	134	26	18	63	11	21	5	10	2	0.9

规格说明:

HSK63F - SFS - 03 - 80

- 80 — L1 长度 Length（L1）
- 03 — 刀杆直径 Diameter
- SFS — 功能代号 Holder type
- HSK63F — 锥柄形式 Taper size

·HSK63F-SFS 热缩刀柄（3 度细长型）

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





FIG. 1

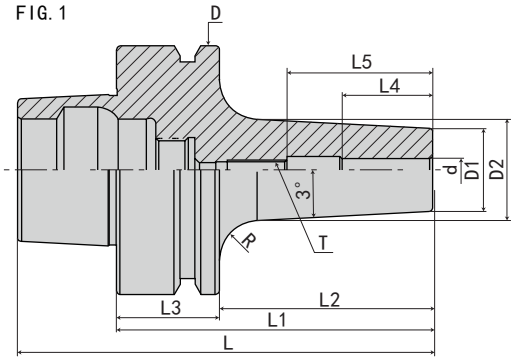
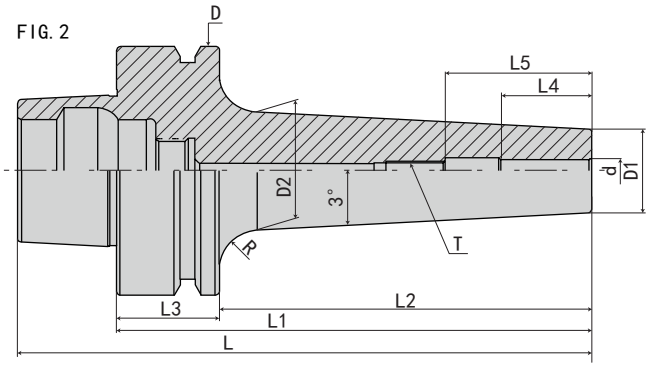


FIG. 2



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
-120	145	120	94	26	26	36	63	12	21	6	M5*0.8P	10	2	0.9
-160	185	160	134	26	26	36	63	12	24	6	M5*0.8P	10	2	1
-SFS08- 80	105	80	54	26	26	36	63	14	19	8	M6*1.0P	10	1	0.8
-120	145	120	94	26	26	36	63	14	23	8	M6*1.0P	10	2	0.9
-160	185	160	134	26	26	36	63	14	24	8	M6*1.0P	10	2	1
-SFS10- 85	110	85	59	26	32	42	63	16	22	10	M8*1.0P	10	1	0.8
-120	145	120	94	26	32	42	63	16	25	10	M8*1.0P	10	2	0.9
-160	185	160	134	26	32	42	63	16	28	10	M8*1.0P	10	2	1
-SFS12- 90	115	90	64	26	37	47	63	18	24	12	M10*1.0P	10	1	0.8
-120	145	120	94	26	37	47	63	18	27	12	M10*1.0P	10	2	1
-160	185	160	134	26	37	47	63	18	30	12	M10*1.0P	10	2	1.2
-SFS14- 90	115	90	64	26	37	47	63	20	26	14	M10*1.0P	10	1	0.8
-120	145	120	94	26	37	47	63	20	29	14	M10*1.0P	10	2	1
-160	185	160	134	26	37	47	63	20	32	14	M10*1.0P	10	2	1.2
-SFS16- 95	120	95	69	26	40	50	63	22	29	16	M12*1.0P	10	1	0.9
-120	145	120	94	26	40	50	63	22	31	16	M12*1.0P	10	2	1
-160	185	160	134	26	40	50	63	22	34	16	M12*1.0P	10	2	1.3
-SFS18- 95	120	95	69	26	40	50	63	24	31	18	M12*1.0P	10	1	0.9
-120	145	120	94	26	40	50	63	24	33	18	M12*1.0P	10	2	1
-160	185	160	134	26	40	50	63	24	36	18	M12*1.0P	10	2	1.4
-SFS20-100	125	100	74	26	42	52	63	27	34	20	M16*1.0P	10	1	1
-120	145	120	94	26	42	52	63	27	36	20	M16*1.0P	10	2	1.1
-160	185	160	134	26	42	52	63	27	38	20	M16*1.0P	10	2	1.5

规格说明:

HSK63F - SFS - 06 - 80

- 80 — L1 长度 Length (L1)
- 06 — 刀杆直径 Diameter
- SFS — 功能代号 Holder type
- HSK63F — 锥柄形式 Taper size

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



FIG. 1

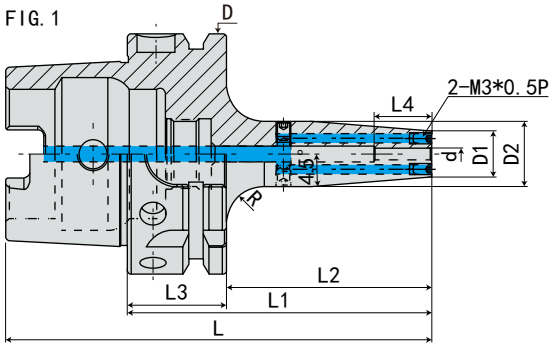
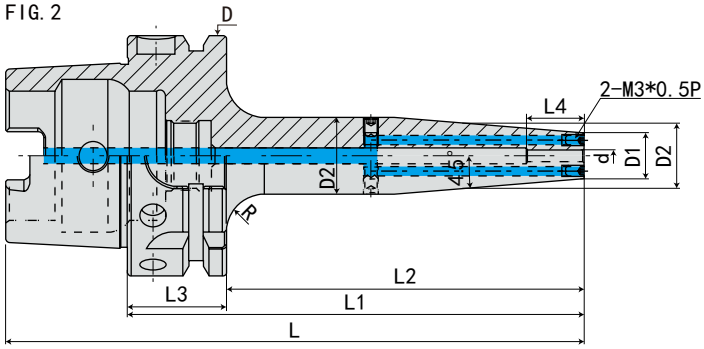




FIG. 2



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
-120K	152	120	94	26	12	63	15	20	3	5	2	1.1
-160K	192	160	134	26	12	63	15	25	3	5	2	1.3
-SF04-80K	112	80	54	26	16	63	15	20	4	5	1	0.7
-120K	152	120	94	26	16	63	15	20	4	5	2	1.1
-160K	192	160	134	26	16	63	15	25	4	5	2	1.3
-SF05-80K	112	80	54	26	18	63	15	20	5	5	1	0.7
-120K	152	120	94	26	18	63	15	20	5	5	2	1.1
-160K	192	160	134	26	18	63	15	25	5	5	2	1.3

规格说明:

HSK63A - SF - 03 - 80K

- 80K：L1 长度 Length（L1）
- 03：刀杆直径 Diameter
- SF：功能代号 Holder type
- HSK63A：锥柄形式 Taper size

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



FIG. 1

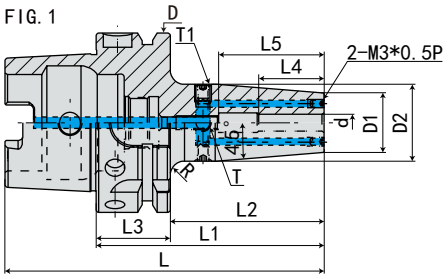
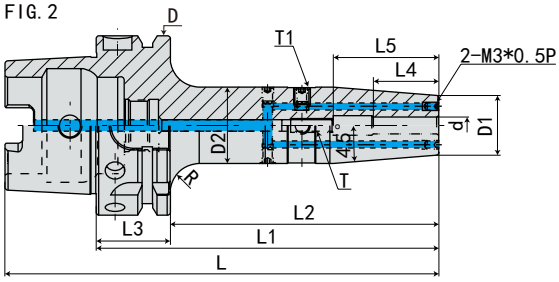




FIG. 2



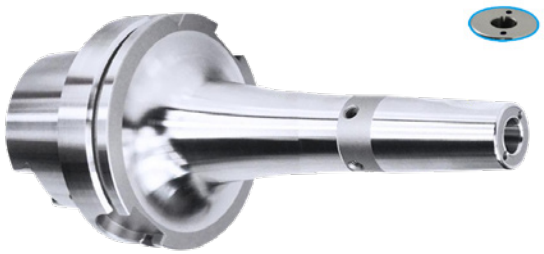
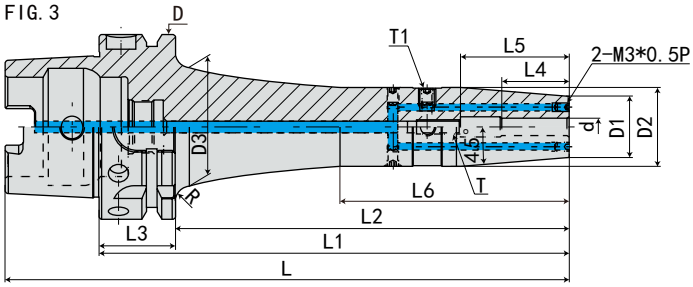


FIG. 3



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	3	1	0.8
-120K	152	120	94	26	26	36	-	63	21	27	-	6	M5*0.8P	M6*1.0P	10	2	1.1
-160K	192	160	134	26	26	36	79	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	1.4
-200K	232	200	174	26	26	36	119	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	1.8
-250K	282	250	224	26	26	36	169	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	2.2
-300K	332	300	274	26	26	36	219	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	2.6
-SF08- 80K	112	80	54	26	26	36	-	63	21	27	-	8	M6*1.0P	M6*1.0P	3	1	0.8
-120K	152	120	94	26	26	36	-	63	21	27	-	8	M6*1.0P	M6*1.0P	10	2	1.1
-160K	192	160	134	26	26	36	79	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	1.4
-200K	232	200	174	26	26	36	119	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	1.8
-250K	282	250	224	26	26	36	169	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	2.2
-300K	332	300	274	26	26	36	219	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	2.6
-SF10- 85K	117	85	59	26	32	42	-	63	24	32	-	10	M8*1.0P	M6*1.0P	2	1	0.9
-120K	152	120	94	26	32	42	-	63	24	32	-	10	M8*1.0P	M6*1.0P	8	2	1.2
-160K	192	160	134	26	32	42	79	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	1.5
-200K	232	200	174	26	32	42	119	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	1.9
-250K	282	250	224	26	32	42	169	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	2.3
-300K	332	300	274	26	32	42	219	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	2.7
-SF12- 90K	122	90	64	26	37	47	-	63	24	32	-	12	M10*1.0P	M6*1.0P	3	1	0.9
-120K	152	120	94	26	37	47	-	63	24	32	-	12	M10*1.0P	M6*1.0P	8	2	1.2
-160K	192	160	134	26	37	47	79	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	1.5
-200K	232	200	174	26	37	47	119	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	1.9
-250K	282	250	224	26	37	47	169	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	2.3
-300K	332	300	274	26	37	47	219	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	2.7
-SF14- 90K	122	90	64	26	37	47	-	63	27	34	-	14	M10*1.0P	M6*1.0P	38	1	0.9
-120K	152	120	94	26	37	47	-	63	27	34	-	14	M10*1.0P	M6*1.0P		2	1.2
-160K	192	160	134	26	37	47	78	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	1.5
-200K	232	200	174	26	37	47	118	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	1.9
-250K	282	250	224	26	37	47	168	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	2.3
-300	332	300	274	26	37	47	218	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	2.7

规格说明:

HSK63A - SF - 06 - 80K

- 80K：L1 长度 Length（L1）
- 06：刀杆直径 Diameter
- SF：功能代号 Holder type
- HSK63A：锥柄形式 Taper size

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



FIG. 1

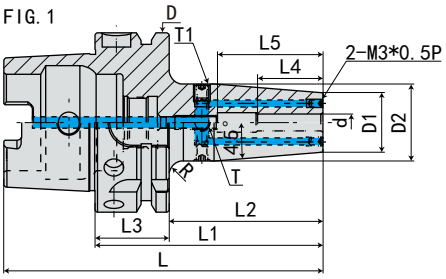
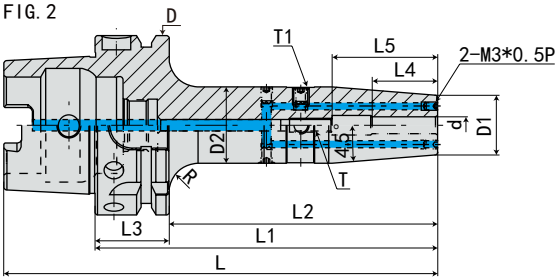




FIG. 2



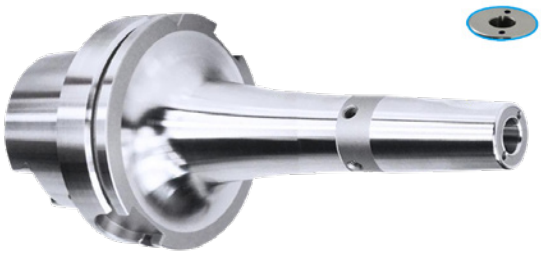
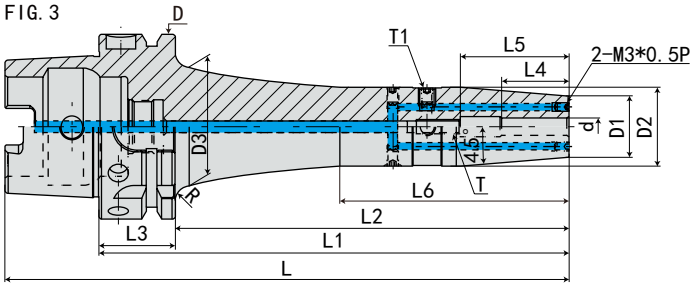


FIG. 3



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
-120K	152	120	94	26	40	50	-	63	27	34	-	16	M12*1.0P	M6*1.0P	8	2	1.2
-160K	192	160	134	26	40	50	78	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	1.5
-200K	232	200	174	26	40	50	118	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	1.9
-250K	282	250	224	26	40	50	168	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	2.3
-300K	332	300	274	26	40	50	218	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	2.7
-SF18- 95K	127	95	69	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	4	1	1.1
-120K	152	120	94	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	1.3
-160K	192	160	134	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	1.6
-200K	232	200	174	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	2.1
-250K	282	250	224	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	2.6
-300K	332	300	274	26	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	3.1
-SF20-100K	132	100	74	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	1	1.1
-120K	152	120	94	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	1.3
-160K	192	160	134	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	1.6
-200K	232	200	174	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	2.1
-250K	282	250	224	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	2.6
-300K	332	300	274	26	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	3.1
-SF25-115K	147	115	89	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	1	1	1.9
-130K	162	130	104	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	1	2	2.1
-160K	192	160	134	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	1	2	2.2
-200K	232	200	174	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	1	2	2.6
-250K	282	250	224	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	1	2	3
-300K	332	300	274	26	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	1	2	3.4
-SF32-120K	152	120	94	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	1	1	1.9
-130K	162	130	104	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	1	2	2.2
-160K	192	160	134	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	1	2	2.3
-200K	232	200	174	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	1	2	2.7
-250K	282	250	224	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	1	2	3.1
-300K	332	300	274	26	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	1	2	3.4

规格说明:

HSK63A - SF - 16 - 95K

- 95K：L1 长度 Length（L1）
- 16：刀杆直径 Diameter
- SF：功能代号 Holder type
- HSK63A：锥柄形式 Taper size

·HSK100A-SFK 热缩刀柄（4.5 度通水型）

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





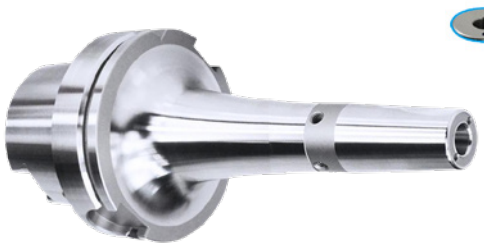


FIG. 1

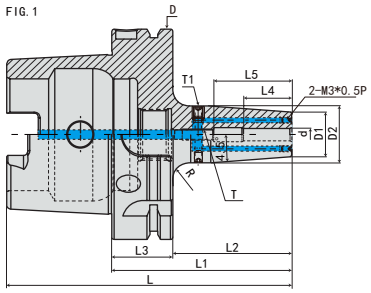


FIG. 2

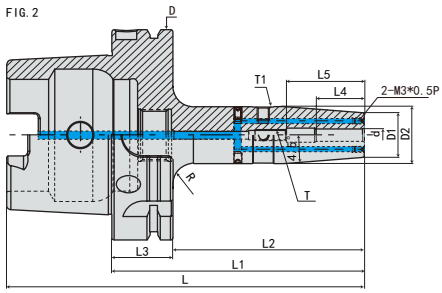
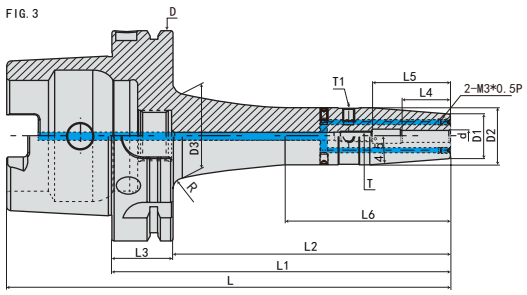


FIG. 3



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	7	1	2.2
-120K	170	120	91	29	26	36	-	100	21	27	-	6	M5*0.8P	M6*1.0P	10	2	2.5
-160K	210	160	131	29	26	36	61	100	21	27	39	6	M5*0.8P	M6*1.0P	20	3	2.8
-200K	250	200	171	29	26	36	101	100	21	27	39	6	M5*0.8P	M6*1.0P	20	3	3.2
-250K	300	250	221	29	26	36	151	100	21	27	39	6	M5*0.8P	M6*1.0P	20	3	3.6
-300K	350	300	271	29	26	36	201	100	21	27	39	6	M5*0.8P	M6*1.0P	20	3	4.0
-SF08- 85K	135	85	56	29	26	36	-	100	21	27	-	8	M6*1.0P	M6*1.0P	7	1	2.2
-120K	170	120	91	29	26	36	-	100	21	27	-	8	M6*1.0P	M6*1.0P	10	2	2.5
-160K	210	160	131	29	26	36	61	100	21	27	39	8	M6*1.0P	M6*1.0P	20	3	2.8
-200K	250	200	171	29	26	36	101	100	21	27	39	8	M6*1.0P	M6*1.0P	20	3	3.2
-250K	300	250	221	29	26	36	151	100	21	24	39	5	M6*1.0P	M6*1.0P	20	3	3.6
-300K	350	300	271	29	26	36	201	100	21	24	39	5	M6*1.0P	M6*1.0P	20	3	4.0
-SF10- 90K	140	90	61	29	32	42	-	100	24	32	-	10	M8*1.0P	M6*1.0P	5	1	2.3
-120K	170	120	91	29	32	42	-	100	24	32	-	10	M8*1.0P	M6*1.0P	10	2	2.6
-160K	210	160	131	29	32	42	72	100	24	32	39	10	M8*1.0P	M6*1.0P	20	3	2.9
-200K	250	200	171	29	32	42	101	100	24	32	44	10	M8*1.0P	M6*1.0P	20	3	3.3
-250K	300	250	221	29	32	41	151	100	24	32	44	10	M8*1.0P	M6*1.0P	20	3	3.7
-300K	350	300	271	29	26	41	201	100	24	32	44	10	M8*1.0P	M6*1.0P	20	3	4.1
-SF12- 95K	145	95	66	29	37	47	-	100	24	32	-	12	M10*1.0P	M6*1.0P	5	1	2.3
-120K	170	120	91	29	37	47	-	100	24	32	-	12	M10*1.0P	M6*1.0P	10	2	2.6
-160K	210	160	131	29	37	47	72	100	24	32	39	12	M10*1.0P	M6*1.0P	20	3	2.9
-200K	250	200	171	29	37	47	101	100	24	32	44	12	M10*1.0P	M6*1.0P	20	3	3.3
-250K	300	250	221	29	37	47	151	100	24	32	44	12	M10*1.0P	M6*1.0P	20	3	3.7
-300K	350	300	271	29	37	47	201	100	24	32	44	12	M10*1.0P	M6*1.0P	20	3	4.1
-SF14- 95K	145	95	66	29	37	47	-	100	27	34	-	14	M10*1.0P	M6*1.0P	5	1	2.3
-120K	170	120	91	29	37	47	-	100	27	34	-	14	M10*1.0P	M6*1.0P	10	2	2.6
-160K	210	160	131	29	37	47	66	100	27	34	44	14	M10*1.0P	M6*1.0P	20	3	2.9
-200K	250	200	171	29	37	47	101	100	27	34	46	14	M10*1.0P	M6*1.0P	20	3	3.3
-250K	300	250	221	29	37	47	151	100	27	34	46	14	M10*1.0P	M6*1.0P	20	3	3.7
-300K	350	300	271	29	26	41	201	100	24	32	46	14	M10*1.0P	M6*1.0P	20	3	4.1

规格说明:

HSK100A - SF - 06 - 85K

- 85K：L1 长度 Length（L1）
- 06：刀杆直径 Diameter
- SF：功能代号 Holder type
- HSK100A：锥柄形式 Taper size

·HSK100A-SFK 热缩刀柄（4.5 度通水型）

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





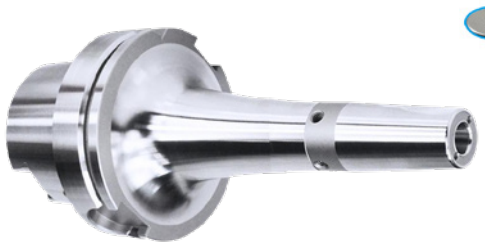


FIG. 1

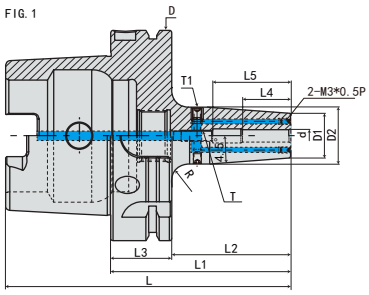


FIG. 2

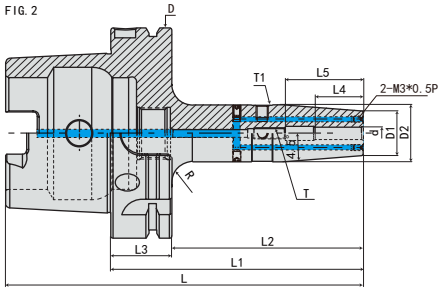
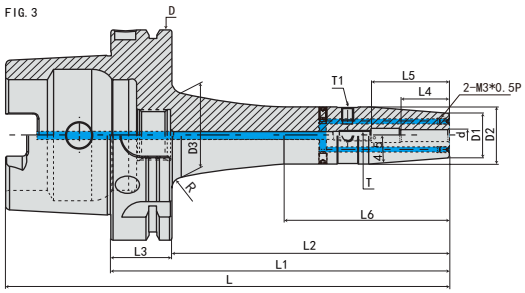


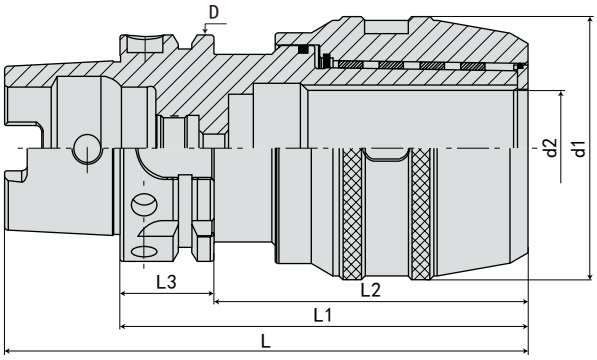
FIG. 3



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
-120K	170	120	91	29	40	50	-	100	27	34	-	16	M12*1.0P	M6*1.0P	10	2	2.6
-160K	210	160	131	29	40	50	66	100	27	34	44	16	M12*1.0P	M6*1.0P	20	3	2.9
-200K	250	200	171	29	40	50	101	100	27	34	46	16	M12*1.0P	M6*1.0P	20	3	3.3
-250K	300	250	221	29	40	50	151	100	27	34	46	16	M12*1.0P	M6*1.0P	20	3	3.7
-300K	350	300	271	29	40	50	201	100	27	34	46	16	M12*1.0P	M6*1.0P	20	3	4.1
-SF18-100K	150	100	71	29	40	50	-	100	33	42	-	18	M12*1.0P	M6*1.0P	5	1	2.4
-120K	170	120	91	29	40	50	-	100	33	42	-	18	M12*1.0P	M6*1.0P	10	2	2.7
-160K	210	160	131	29	40	50	78	100	33	42	46	18	M12*1.0P	M6*1.0P	20	3	3.1
-200K	250	200	171	29	40	50	116	100	33	42	46	18	M12*1.0P	M6*1.0P	20	3	3.4
-250K	300	250	221	29	40	50	166	100	33	42	46	18	M12*1.0P	M6*1.0P	20	3	3.8
-300K	350	300	271	29	40	50	216	100	33	42	46	18	M12*1.0P	M6*1.0P	20	3	4.2
-SF20-105K	155	105	76	29	42	52	-	100	33	42	-	20	M16*1.0P	M6*1.0P	5	1	2.4
-120K	170	120	91	29	42	52	-	100	33	42	-	20	M16*1.0P	M6*1.0P	10	2	2.7
-160K	210	160	131	29	42	52	78	100	33	42	46	20	M16*1.0P	M6*1.0P	20	3	3.1
-200K	250	200	171	29	42	52	116	100	33	42	46	20	M16*1.0P	M6*1.0P	20	3	3.4
-250K	300	250	221	29	42	52	166	100	33	42	46	20	M16*1.0P	M6*1.0P	20	3	3.8
-300K	350	300	271	29	42	52	216	100	33	42	46	20	M16*1.0P	M6*1.0P	20	3	4.2
-SF25-115K	165	115	86	29	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	5	1	3.2
-130K	180	130	101	29	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	10	2	3.4
-160K	210	160	131	29	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	16	2	3.6
-200K	250	200	171	29	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	16	2	4.1
-250K	300	250	221	29	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	16	2	4.6
-300K	350	300	271	29	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	16	2	5.1
-SF32-120K	170	120	91	29	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	5	1	3.2
-140K	190	140	111	29	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	10	2	3.4
-160K	210	160	131	29	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	16	2	3.6
-200K	250	200	171	29	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	16	2	4.1
-250K	300	250	221	29	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	16	2	4.6
-300K	350	300	271	29	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	16	2	5.1

·HSK50A-C 型高精度强力刀柄 HSK50A-C FORCE MILLING CHUCK





配 件 Accessories

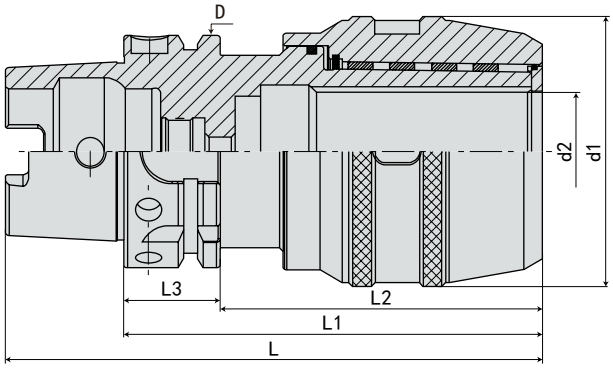

» P.J27


» P.J12

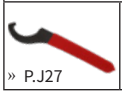
规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	配套筒夹	夹持范围 Range	重量 KGS
HSK50A-C20-120	HSK50A	145	120	94	26	50	58	20	C20	3-20mm	
-C25-120	HSK50A	145	120	94	26	50	63	25	C25	3-25mm	

·HSK63A-C 型高精度强力刀柄 HSK63A-C FORCE MILLING CHUCK





配 件 Accessories


» P.J27


» P.J12

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	
-110	HSK63A	142	110	84	26	63	58	20	C20	3-20mm	
-C25-100	HSK63A	132	100	74	26	63	63	25	C25	3-25mm	
-130	HSK63A	162	130	104	26	63	63	25	C25	3-25mm	
-C32-110	HSK63A	142	110	108	26	63	73	32	C32	3-32mm	
-130	HSK63A	162	130	104	26	63	73	32	C32	3-32mm	
-150	HSK63A	182	150	124	26	63	73	32	C32	3-32mm	

特点:

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

Features:

◎ 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

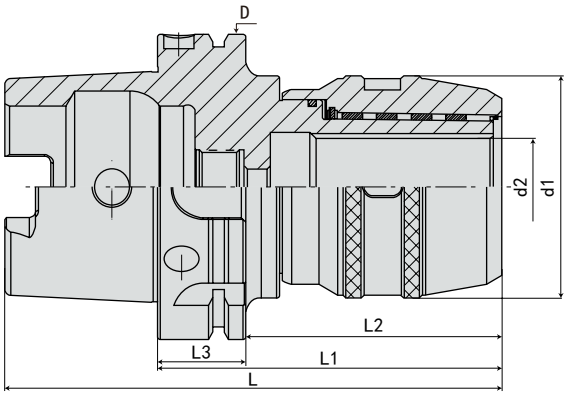
规格说明:

HSK50A - C - 20 - 120

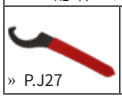
- 120 — L1 长度 Length (L1)
- 20 — 筒夹型号 Collect model
- C — 筒夹种类 Collect type C
- HSK50A — 锥柄形式 Taper size

·HSK80A-C 型高精度强力刀柄 HSK80A-C FORCE MILLING CHUCK





配 件 Accessories


» P.J27


» P.J12

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	
-C25-105	HSK80A	145	105	79	26	80	63	25	C25	3-25mm	
-C32-120	HSK80A	160	120	94	26	80	73	32	C32	3-32mm	
-C42-130	HSK80A	170	130	104	26	80	88	42	C42	3-42mm	

特点：

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

Features:

◎ 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

规格说明:

HSK80A - C - 20 - 105

- 105 — L1 长度 Length (L1)
- 20 — 筒夹型号 Collect model
- C — 筒夹种类 Collect type C
- HSK80A — 锥柄形式 Taper size

·HSK100A-C 型高精度强力刀柄

HSK100A-C FORCE MILLING CHUCK





FIG. 1

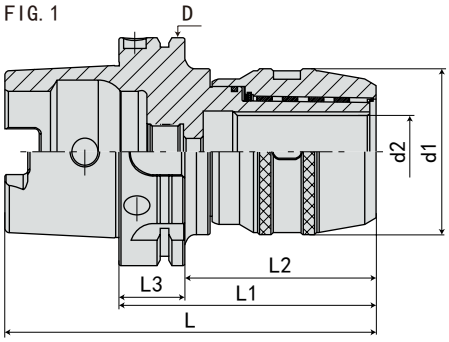
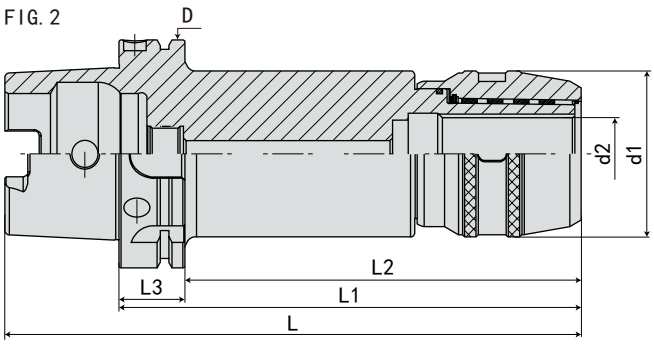


FIG. 2



配 件 Accessories


» P.J27


» P.J12

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	
-110	HSK100A	160	110	81	29	100	58	20	C20	3-20mm	
-130	HSK100A	180	130	101	29	100	58	20	C20	3-20mm	
-C25-100	HSK100A	150	100	71	29	100	63	25	C25	3-25mm	
-110	HSK100A	160	110	81	29	100	63	25	C25	3-25mm	
-130	HSK100A	180	130	101	29	100	63	25	C25	3-25mm	
-160	HSK100A	210	160	131	29	100	63	25	C25	3-25mm	
-C32-100	HSK100A	150	100	71	29	100	73	32	C32	3-32mm	
-110	HSK100A	160	110	81	29	100	73	32	C32	3-32mm	
-130	HSK100A	180	130	101	29	100	73	32	C32	3-32mm	
-160	HSK100A	210	160	131	29	100	73	32	C32	3-32mm	
-200	HSK100A	250	200	171	29	100	73	32	C32	3-32mm	
-250	HSK100A	300	250	221	29	100	73	32	C32	3-32mm	
-300	HSK100A	350	300	271	29	100	73	32	C32	3-32mm	
-C42-110	HSK100A	160	110	81	29	100	88	42	C42	3-42mm	
-130	HSK100A	180	130	101	29	100	88	42	C42	3-42mm	
-160	HSK100A	210	160	131	29	100	88	42	C42	3-42mm	
-200	HSK100A	250	200	171	29	100	88	42	C42	3-42mm	
-250	HSK100A	300	250	221	29	100	88	42	C42	3-42mm	
-300	HSK100A	350	300	271	29	100	88	42	C42	3-42mm	

特点:

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

Features:

◎ 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

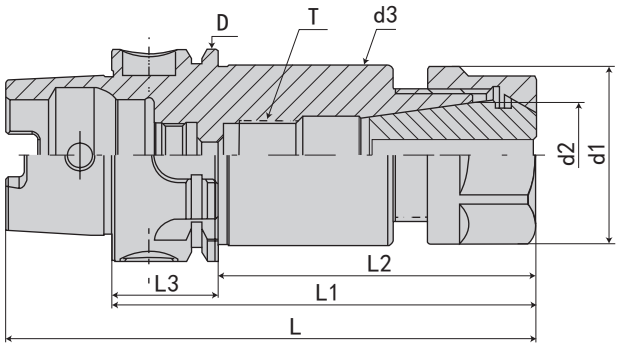
规格说明:

HSK100A - C - 20 - 100

- 100 — L1 长度 Length (L1)
- 20 — 筒夹型号 Collect model
- C — 筒夹种类 Collect type C
- HSK100A — 锥柄形式 Taper size

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





配 件 Accessories		
		
» P.J27	» P.J07	» P.J29

◎径跳：5μm RUN-OUT：5μm
◎动平衡 (BALANCING)：G2.5 30000RPM

扫描二维码观看产品视频

规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	d3	T	配套筒夹 Collet	夹持范围 Range	重量 KGS
HSK32A-ER11-45	HSK32A	60	45	25	20	32	19	11	19	M8*1.0P	ER11	1-7	
-60	HSK32A	76	60	40	20	32	19	11	19	M8*1.0P	ER11	1-7	
-ER16-80	HSK32A	96	80	60	20	32	28	16	28	M10*1.0P	ER16	1-10	
-ER20-80	HSK32A	96	80	60	20	32	28	16	28	M13*1.0P	ER20	1-13	

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:

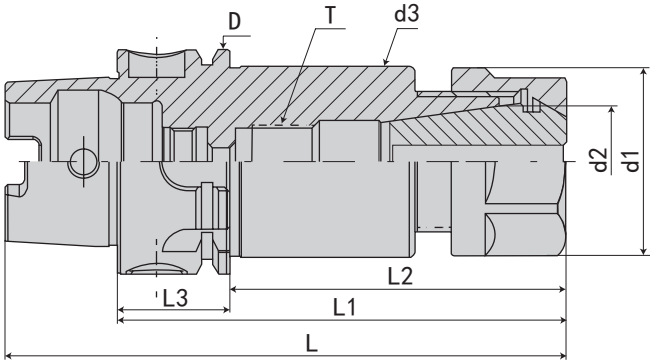
◎ Nut for pre-set dynamic balance nut.
◎ The whole through hole is favorable for water and shock resistance.
◎ When installed, the collet must be loaded into the nut, and then into the tool, and then into the body and lock.
◎ The tool into the collet hole, must go beyond the collet hole effective clamping 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.

规格说明:

HSK32A - ER - 11 - 45
- 45 — L1 长度 Length (L1)
- 11 — 筒夹型号 Collect model
- ER — 筒夹种类 Collect type ER
- HSK32A — 锥柄形式 Taper size

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





配 件 Accessories		
		
» P.J27	» P.J07	» P.J29

◎径跳：5μm RUN-OUT：5μm
◎动平衡 (BALANCING)：G2.5 30000RPM

扫描二维码观看产品视频

规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	d3	T	配套筒夹 Collet	夹持范围 Range	重量 KGS
HSK40A-ER16-80	HSK40A	100	80	60	20	40	28	16	28	M10*1.0P	ER16	1-10	
-ER20-80	HSK40A	100	80	61	20	40	34	20	34	M13*1.0P	ER20	1-13	
-ER25-80	HSK40A	100	80	62	20	40	42	25	42	M18*1.5P	ER25	2-16	0.4
-ER32-80	HSK40A	100	80	63	20	40	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.

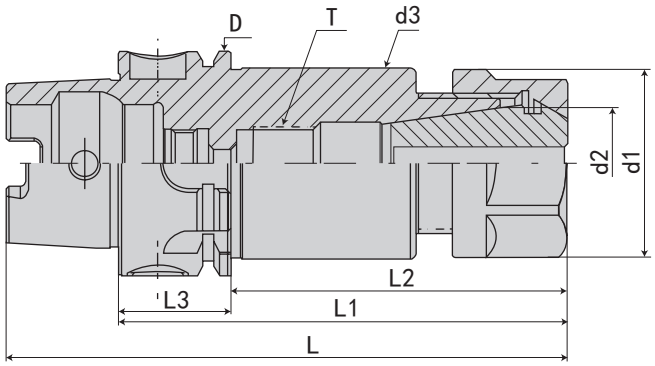
规格说明:

HSK40A - ER - 16 - 80

- 80 — L1 长度 Length (L1)
- 16 — 筒夹型号 Collect model
- ER — 筒夹种类 Collect type ER
- HSK40A — 锥柄形式 Taper size

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





配 件 Accessories


» P.J27


» P.J07


» P.J29

◎径跳：5μm RUN-OUT：5μm
◎动平衡 (BALANCING)：G2.5 30000RPM

扫描二维码观看产品视频

规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	d3	T	配套筒夹 Collet	夹持范围 Range	重量 KGS
HSK50A-ER16- 80	HSK50A	105	80	54	26	50	28	16	28	M10*1.0P	ER16	1-10	
-100	HSK50A	125	100	74	26	50	28	16	28	M10*1.0P	ER16	1-10	
-ER20- 80	HSK50A	105	80	54	26	50	34	20	34	M13*1.0P	ER20	1-13	
-100	HSK50A	125	100	74	26	50	34	20	34	M13*1.0P	ER20	1-13	
-ER25- 80	HSK50A	105	80	54	26	50	42	25	42	M18*1.5P	ER25	2-16	
-100	HSK50A	125	100	74	26	50	42	25	42	M18*1.5P	ER25	2-16	
-ER32- 80	HSK50A	105	80	54	26	50	50	32	50	M22*1.5P	ER32	2-20	0.9
-100	HSK50A	125	100	74	26	50	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.

规格说明:

HSK50A - ER - 16 - 80

- 80 — L1 长度 Length (L1)
- 16 — 筒夹型号 Collect model
- ER — 筒夹种类 Collect type ER
- HSK50A — 锥柄形式 Taper size

·HSK-63A-ER 筒夹刀柄

HSK-63A-ER COLLET CHUCK





FIG. 1

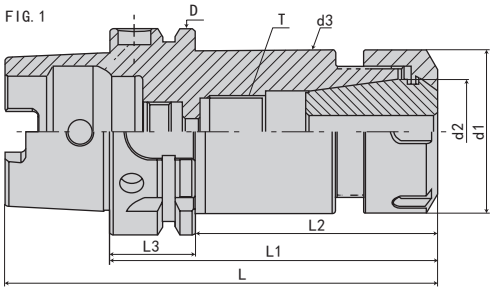
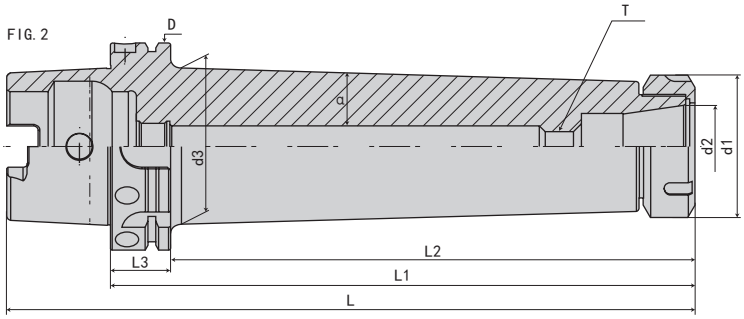


FIG. 2



扫描二维码观看产品视频

配 件 Accessories


» P.J27


» P.J07


» P.J29

◎径跳：5μm RUN-OUT：5μm

◎动平衡 (BALANCING)：G2.5 30000RPM

规 格 Model	柄部 Handle	L	L1	L2	L3	D	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	26	63	28	16	28	M10*1.0P	-	1	ER16	1-10	1
-100	HSK63A	132	100	74	26	63	28	16	28	M10*1.0P	-	1	ER16	1-10	1.1
-125	HSK63A	157	125	99	26	63	28	16	28	M10*1.0P	-	1	ER16	1-10	1.2
-160	HSK63A	192	160	134	26	63	28	16	28	M10*1.0P	-	1	ER16	1-10	1.3
-200	HSK63A	232	200	174	26	63	28	16	28	M10*1.0P	-	1	ER16	1-10	1.5
-250	HSK63A	282	250	224	26	63	28	16	35	M10*1.0P	1°	2	ER16	1-10	2
-ER20- 75	HSK63A	107	75	49	26	63	34	20	34	M13*1.0P	-	1	ER20	1-13	0.9
-100	HSK63A	132	100	74	26	63	34	20	34	M13*1.0P	-	1	ER20	1-13	1.2
-125	HSK63A	157	125	99	26	63	34	20	34	M13*1.0P	-	1	ER20	1-13	1.3
-160	HSK63A	192	160	134	26	63	34	20	34	M13*1.0P	-	1	ER20	1-13	1.6
-200	HSK63A	232	200	174	26	63	34	20	34	M13*1.0P	-	1	ER20	1-13	1.85
-250	HSK63A	282	250	224	26	63	34	20	41	M13*1.0P	1°	2	ER20	1-13	2.6
-ER25- 75	HSK63A	107	75	49	26	63	42	25	42	M18*1.5P	-	1	ER25	2-16	1.2
-100	HSK63A	132	100	74	26	63	42	25	42	M18*1.5P	-	1	ER25	2-16	1.3
-125	HSK63A	157	125	99	26	63	42	25	42	M18*1.5P	-	1	ER25	2-16	1.5
-160	HSK63A	192	160	134	26	63	42	25	42	M18*1.5P	-	1	ER25	2-16	2
-200	HSK63A	232	200	174	26	63	42	25	42	M18*1.5P	-	1	ER25	2-16	2.4
-250	HSK63A	282	250	224	26	63	42	25	49	M18*1.5P	1°	2	ER25	2-16	3.2

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

规格说明:

HSK63A - ER - 16 - 75

- 75 L1 长度 Length (L1)
- 16 筒夹型号 Collect model
- ER 筒夹种类 Collect type ER
- HSK63A 锥柄形式 Taper size

Features:

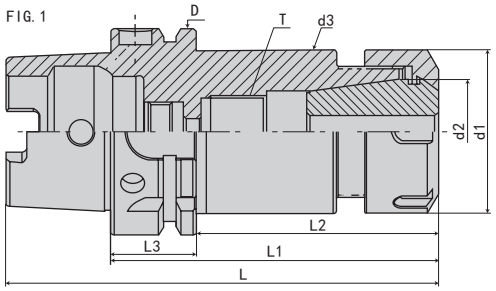
◎ Nut for pre-set dynamic balance nut.
◎ The whole through hole is favorable for water and shock resistance.
◎ When installed, the collet must be loaded into the nut, and then into the tool, and then into the body and lock.
◎ The tool into the collet hole, must go beyond the collet hole effective clamping 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



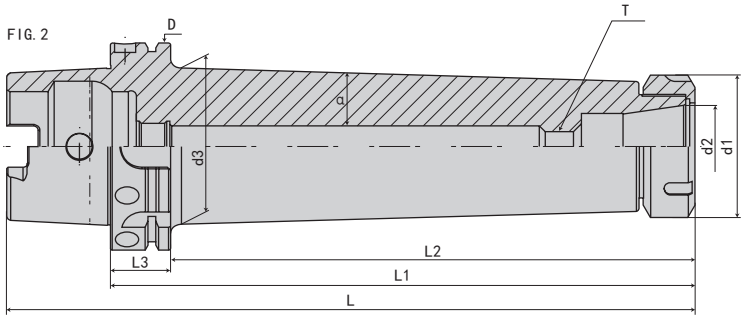


FIG. 1



扫描二维码观看产品视频

FIG. 2



配 件 Accessories


» P.J27


» P.J07


» P.J29

◎径跳：5μm RUN-OUT：5μm

◎动平衡 (BALANCING)：G2.5 30000RPM

规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	d3	T	α	FIG	配套筒夹 Collet	夹持范围 Range	重量 KGS
HSK63A-ER32- 75	HSK63A	107	75	49	26	63	50	32	50	M22*1.5P	-	1	ER32	2-20	1.3
-100	HSK63A	132	100	74	26	63	50	32	50	M22*1.5P	-	1	ER32	2-20	1.5
-125	HSK63A	157	125	99	26	63	50	32	50	M22*1.5P	-	1	ER32	2-20	1.9
-160	HSK63A	192	160	134	26	63	50	32	50	M22*1.5P	-	1	ER32	2-20	2.4
-200	HSK63A	232	200	174	26	63	50	32	50	M22*1.5P	-	1	ER32	2-20	2.9
-250	HSK63A	282	250	224	26	63	50	32	50	M22*1.5P	-	1	ER32	2-20	3.7
-300	HSK63A	332	300	274	26	63	50	32	50	M22*1.5P	-	1	ER32	2-20	4.5
-ER40-100	HSK63A	132	100	74	26	63	63	40	63	M28*1.5P	-	1	ER40	4-26	1.6
-125	HSK63A	157	125	99	26	63	63	40	63	M28*1.5P	-	1	ER40	4-26	2.5
-160	HSK63A	192	160	134	26	63	63	40	63	M28*1.5P	-	1	ER40	4-26	2.5
-200	HSK63A	232	200	174	26	63	63	40	63	M28*1.5P	-	1	ER40	4-26	3.2
-250	HSK63A	282	250	224	26	63	63	40	63	M28*1.5P	-	1	ER40	4-26	4
-300	HSK63A	332	300	274	26	63	63	40	63	M28*1.5P	-	1	ER40	4-26	4.3

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

规格说明:

HSK63A - ER - 32 - 100

- 100 — L1 长度 Length (L1)
- 32 — 筒夹型号 Collect model
- ER — 筒夹种类 Collect type ER
- HSK63A — 锥柄形式 Taper size

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.

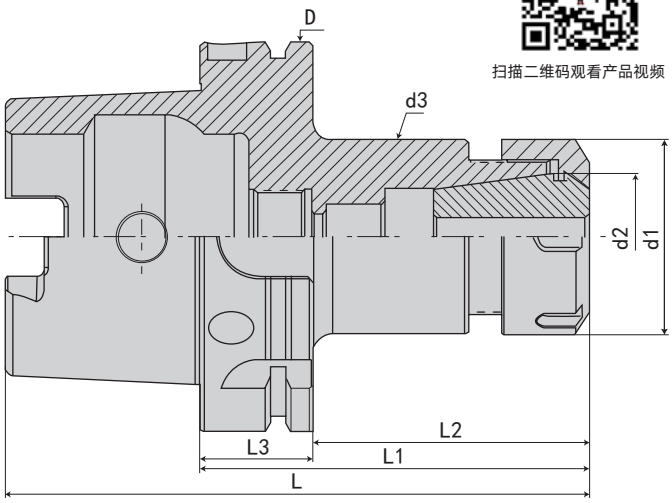
◎ Standard hexagon nuts for ER16 / ER20. You can also choose M-type nut, the body need to order another.

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

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



扫描二维码观看产品视频



配 件 Accessories


» P.J27


» P.J07


» P.J29

◎径跳：5μm RUN-OUT：5μm
◎动平衡 (BALANCING)：G2.5 30000RPM

规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	d3	T	配套筒夹 Collet	夹持范围 Range	重量 KGS
HSK80A-ER16-100	HSK80A	140	100	74	26	80	28	16	28	M10*1.0P	ER16	1-10	
-ER20-100	HSK80A	140	100	74	26	80	34	20	34	M13*1.0P	ER20	1-13	
-ER25-100	HSK80A	140	100	74	26	80	42	25	42	M18*1.5P	ER25	2-16	2
-ER32-100	HSK80A	140	100	74	26	80	50	32	50	M22*1.5P	ER32	2-20	2.2
-ER40-120	HSK80A	140	100	74	26	80	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.

规格说明:

HSK80A - ER - 16 - 100

- 100：L1 长度 Length (L1)
- 16：筒夹型号 Collect model
- ER：筒夹种类 Collect type ER
- HSK80A：锥柄形式 Taper size

·HSK-100A-ER 筒夹刀柄

HSK-100A-ER COLLET CHUCK



配 件 Accessories		
» P.J27	» P.J07	» P.J29

FIG. 1

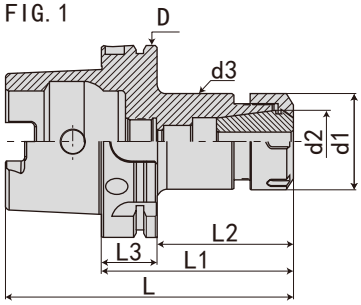
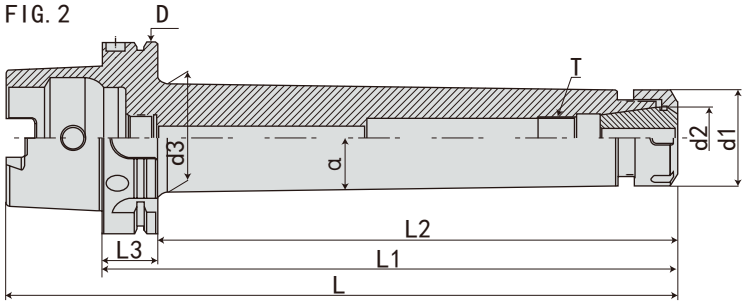


FIG. 2



扫描二维码观看产品视频

◎径跳：5μm RUN-OUT：5μm

◎动平衡 (BALANCING)：G2.5 30000RPM

规 格 Model	柄部 Handle	L	L1	L2	L3	D	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	29	100	28	16	28	M10*1.0P	-	1	ER16	1-10	2.5
-125	HSK100A	175	125	96	29	100	28	16	28	M10*1.0P	-	1	ER16	1-10	2.5
-160	HSK100A	210	160	131	29	100	28	16	28	M10*1.0P	-	1	ER16	1-10	3
-200	HSK100A	250	200	171	29	100	28	16	28	M10*1.0P	-	1	ER16	1-10	3
-250	HSK100A	300	250	221	29	100	28	16	35	M10*1.0P	1°	2	ER16	1-10	3.7
-300	HSK100A	350	300	271	29	100	28	16	37	M10*1.0P	1°	2	ER16	1-10	4.1
-ER20-100	HSK100A	150	100	71	29	100	34	20	34	M13*1.0P	-	1	ER20	1-13	2.5
-125	HSK100A	175	125	96	29	100	34	20	34	M13*1.0P	-	1	ER20	1-13	2.6
-160	HSK100A	210	160	131	29	100	34	20	34	M13*1.0P	-	1	ER20	1-13	3
-200	HSK100A	250	200	171	29	100	34	20	34	M13*1.0P	-	1	ER20	1-13	3.5
-250	HSK100A	300	250	221	29	100	34	20	41	M13*1.0P	1°	2	ER20	1-13	4.1
-300	HSK100A	350	300	271	29	100	34	20	43	M13*1.0P	1°	2	ER20	1-13	4.7
-ER25-100	HSK100A	150	100	71	29	100	42	25	42	M18*1.5P	-	1	ER25	2-16	2.6
-125	HSK100A	175	125	96	29	100	42	25	42	M18*1.5P	-	1	ER25	2-16	3
-160	HSK100A	210	160	131	29	100	42	25	42	M18*1.5P	-	1	ER25	2-16	4
-200	HSK100A	250	200	171	29	100	42	25	42	M18*1.5P	-	1	ER25	2-16	4
-250	HSK100A	300	250	221	29	100	42	25	49	M18*1.5P	1°	2	ER25	2-16	4.2
-300	HSK100A	350	300	271	29	100	42	25	51	M18*1.5P	1°	2	ER25	2-16	5
-350	HSK100A	400	350	321	29	100	42	25	53	M18*1.5P	1°	2	ER25	2-16	

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

规格说明:

HSK100A - ER - 16 - 100

- 100 — L1 长度 Length (L1)
- 16 — 筒夹型号 Collect model
- ER — 筒夹种类 Collect type ER
- HSK100A — 锥柄形式 Taper size

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



扫描二维码观看产品视频

FIG. 1

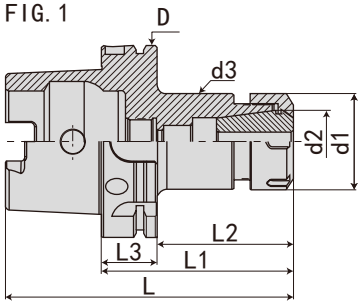
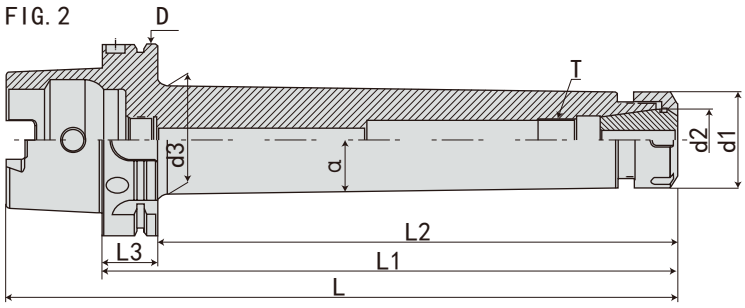


FIG. 2



配 件 Accessories

» P.J27

» P.J07

» P.J29

◎径跳：5μm RUN-OUT：5μm

◎动平衡 (BALANCING)：G2.5 30000RPM

规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	d3	T	α	FIG	配套筒夹 Collet	夹持范围 Range	重量 KGS
HSK100A-ER32-100	HSK100A	150	100	71	29	100	50	32	50	M22*1.5P	-	1	ER32	2-20	3
-125	HSK100A	175	125	96	29	100	50	32	50	M22*1.5P	-	1	ER32	2-20	3.3
-160	HSK100A	210	160	131	29	100	50	32	50	M22*1.5P	-	1	ER32	2-20	4
-200	HSK100A	250	200	171	29	100	50	32	50	M22*1.5P	-	1	ER32	2-20	4.6
-250	HSK100A	300	250	221	29	100	50	32	50	M22*1.5P	-	1	ER32	2-20	5.3
-300	HSK100A	350	300	271	29	100	50	32	57	M22*1.5P	1°	2	ER32	2-20	6.2
-350	HSK100A	400	350	321	29	100	50	32	59	M22*1.5P	1°	2	ER32	2-20	7.5
-400	HSK100A	450	400	371	29	100	50	32	61	M22*1.5P	1°	2	ER32	2-20	10
-ER40-100	HSK100A	150	100	71	29	100	63	40	63	M28*1.5P	-	1	ER40	4-26	3.3
-125	HSK100A	175	125	96	29	100	63	40	63	M28*1.5P	-	1	ER40	4-26	3.8
-160	HSK100A	210	160	131	29	100	63	40	63	M28*1.5P	-	1	ER40	4-26	4.6
-200	HSK100A	250	200	171	29	100	63	40	63	M28*1.5P	-	1	ER40	4-26	5.5
-250	HSK100A	300	250	221	29	100	63	40	63	M28*1.5P	-	1	ER40	4-26	7
-300	HSK100A	350	300	271	29	100	63	40	70	M28*1.5P	1°	2	ER40	4-26	8.5
-350	HSK100A	400	350	321	29	100	63	40	72	M28*1.5P	1°	2	ER40	4-26	10.5
-400	HSK100A	450	400	371	29	100	63	40	74	M28*1.5P	1°	2	ER40	4-26	12.1
-ER50-100	HSK100A	150	100	71	29	100	78	50	78	M36*1.5P	-	1	ER50	6-34	
-125	HSK100A	175	125	96	29	100	78	50	78	M36*1.5P	-	1	ER50	6-34	
-160	HSK100A	210	160	131	29	100	78	50	78	M36*1.5P	-	1	ER50	6-34	
-200	HSK100A	250	200	171	29	100	78	50	78	M36*1.5P	-	1	ER50	6-34	

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.

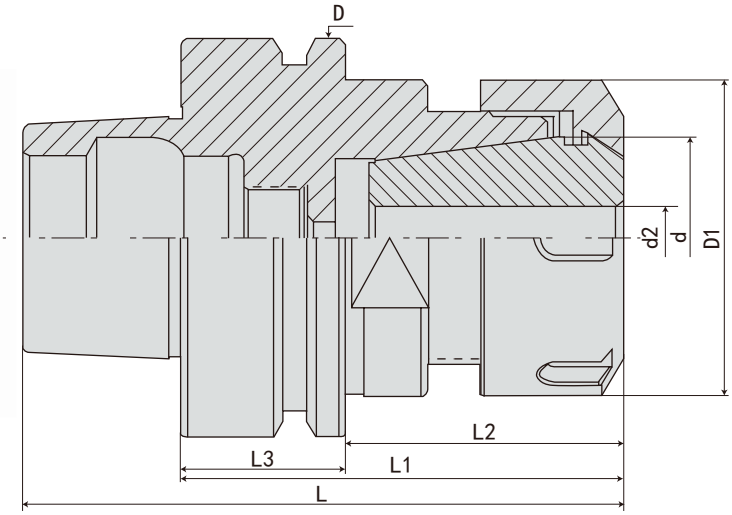
规格说明:

HSK100A - ER - 32 - 100

- 100 — L1 长度 Length (L1)
- 32 — 筒夹型号 Collect model
- ER — 筒夹种类 Collect type ER
- HSK100A — 锥柄形式 Taper size

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





配 件 Accessories		
 » P.J27	 » P.J07	 » P.J29

◎径跳：5μm　RUN-OUT：5μm
◎动平衡 (BALANCING)：G2.5 30000RPM

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
-100	HSK63F	125	100	74	26	50	28	16	38	5	1.0-10.0	1
-ER20- 70	HSK63F	95	70	44	26	50	34	20	38	5	1.0-13.0	1
-100	HSK63F	125	100	74	26	50	34	20	38	5	1.0-13.0	1.2
-ER25- 70	HSK63F	95	70	44	26	50	42	25	38	5	1.0-16.0	1
-100	HSK63F	125	100	74	26	50	42	25	38	5	1.0-16.0	1.3
-ER32- 70	HSK63F	95	70	44	26	50	50	32	38	5	1.0-20.0	1.1
-100	HSK63F	125	100	74	26	50	50	32	38	5	1.0-20.0	1.5
-ER40- 80	HSK63F	105	80	54	26	50	63	40	38	5	1.0-26.0	1.3
-100	HSK63F	125	100	74	26	50	63	40	38	5	1.0-26.0	1.5

特点：

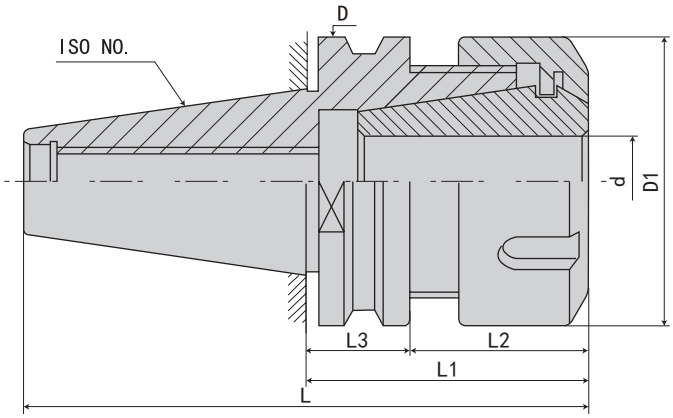
注：
◎螺母为预设动平衡螺母
◎整支通孔，利于出水及抗震
◎装夹时，筒夹必须先装入螺帽，再装入刀具，接着装入本体并锁固
◎刀具装入筒夹内孔，必须超出筒夹内孔有效夹持长度，避免坚固不当造成损坏
◎筒夹和扳手及接钉需要单独订购
◎ ER16/ER20 附标准六角螺母。也可以选用 M 型螺母，本体需要另外订购
◎可根据客户需要精密平衡至 G6.3 15000RPM,G2.5 30000RPM

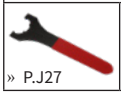
Features:

◎ 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.

·ISO 精雕机高速刀柄 HIGH SPEED TOOL HOLDER FOR FINE ENGRAVING MACHINE



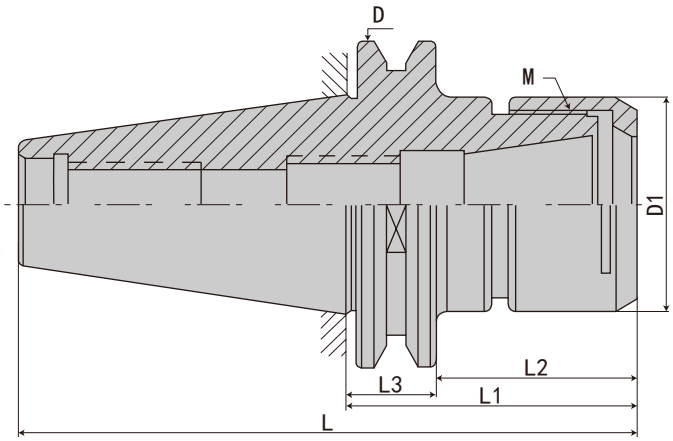


配 件 Accessories		
		
» P.J27	» P.J07	» P.J29

◎径跳：5μm RUN-OUT：5μm
◎动平衡 (BALANCING)：G2.5 30000RPM

规 格 Model	柄部 Handle	L	L1	L2	L3	D	D1	夹持范围 d Range	重量 KGS
ISO30-ER25-60	ISO30		60	40			42	1-16mm	
-ER32-50	ISO30		50	30			50	1-20mm	





规 格 Model	柄部 Handle	L	L1	L2	L3	D	D1	M	夹持范围 d Range	重量 KGS
ISO30-ER16-60MS	ISO30	108.4	60	38	22		22	M19*1.0P	1.0-10.0	
-ER20-60MS	ISO30	108.4	60	38	22		22	M24*1.0P	1.0-13.0	

·HSK-32A-SLN 侧固式刀柄

HSK-32A-SLN SIDE LOCK END MILL HOLDER



FIG.1

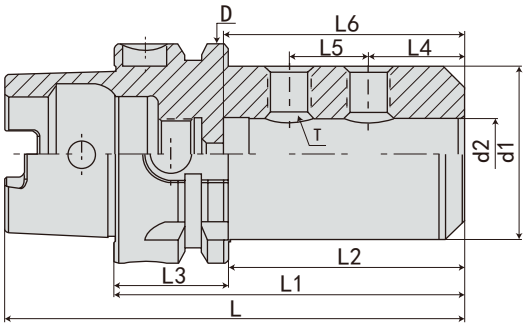
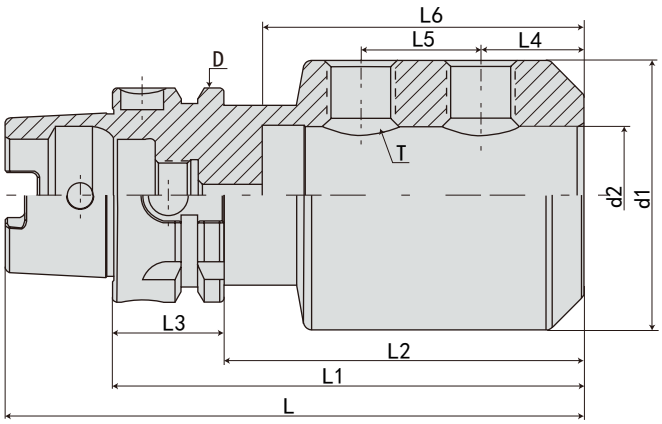




FIG.2



◎径跳：5μm RUN-OUT：5μm
◎动平衡 (BALANCING)：G2.5 30000RPM

扫描二维码观看产品视频

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	
- SLN8-60	HSK32A	76	60	40	20	14	12	41	32	26	8	M8	1	
-SLN10-65	HSK32A	81	65	45	20	15	14	46	32	32	10	M10	1	
-SLN12-70	HSK32A	86	70	50	20	20	16	50	32	36	12	M10	2	
-SLN14-75	HSK32A	91	75	55	20	22	18	55	32	38	14	M10	2	
-SLN16-75	HSK32A	91	75	55	20	22	18	55	32	42	16	M10	2	
-SLN20-90	HSK32A	106	90	70	20	25	20	68	32	52	20	M12	2	

特点：

◎内孔精度：H5

Features:

◎ Internal hole tolerance:H5

规格说明:

HSK32A - SLN - 6 - 60

- 60 — L1 长度 Length (L1)
- 6 — 刀杆直径 Diameter
- SLN — 功能代号 Holder type
- HSK32A — 锥柄形式 Taper size

·HSK-40A-SLN 侧固式刀柄

HSK-40A-SLN SIDE LOCK END MILL HOLDER



FIG.1

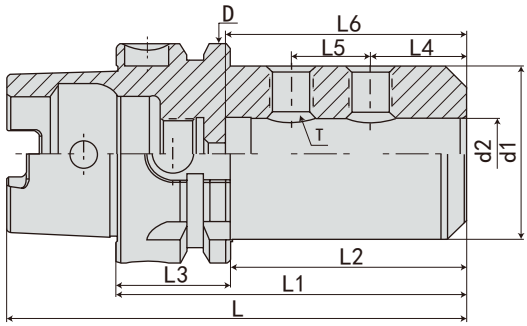
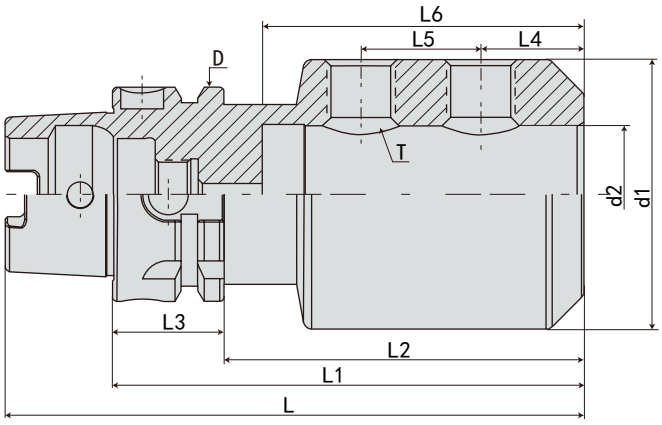




FIG.2



◎径跳：5μm RUN-OUT：5μm

◎动平衡 (BALANCING)：G2.5 30000RPM

扫描二维码观看产品视频

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	
- SLN8- 60	HSK40A	80	60	40	20	14	12	41	40	28	8	M8	1	
-SLN10- 60	HSK40A	80	60	40	20	15	14	41	40	34	10	M10	1	
-SLN12- 70	HSK40A	90	70	50	20	20	16	50	40	36	12	M10	1	
-SLN14- 75	HSK40A	95	75	55	20	22	18	55	40	38	14	M10	1	
-SLN16- 75	HSK40A	95	75	55	20	22	18	55	40	40	16	M10	1	
-SLN18- 85	HSK40A	105	85	65	20	24	20	65	40	42	18	M12	2	
-SLN20- 85	HSK40A	105	85	65	20	25	20	68	40	52	20	M12	2	
-SLN25- 95	HSK40A	115	95	75	20	24	25	68	40	52	25	M12	2	
-SLN32-105	HSK40A	125	105	85	20	24	28	75	40	63	32	M16	2	

特点：

◎内孔精度：H5

Features:

◎ Internal hole tolerance:H5

规格说明:

HSK40A - SLN - 6 - 60

- 60 — L1 长度 Length (L1)
- 6 — 刀杆直径 Diameter
- SLN — 功能代号 Holder type
- HSK40A — 锥柄形式 Taper size

·HSK-50A-SLN 侧固式刀柄

HSK-50A-SLN SIDE LOCK END MILL HOLDER



FIG.1

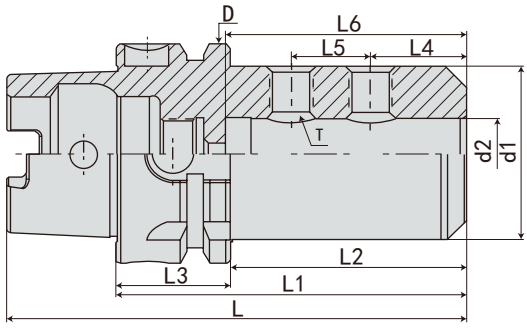
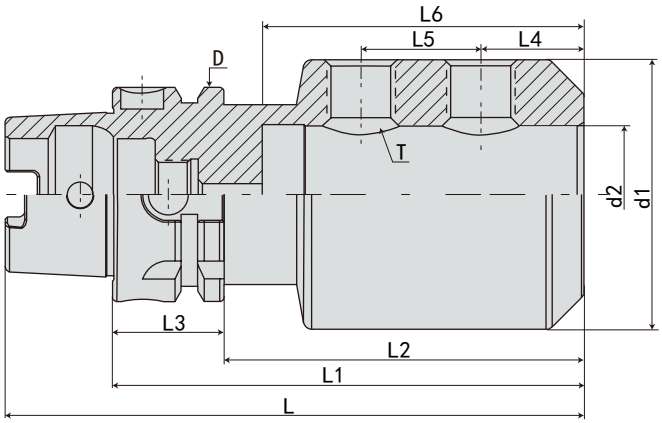




FIG.2



◎径跳：5μm RUN-OUT：5μm
◎动平衡 (BALANCING)：G2.5 30000RPM

扫描二维码观看产品视频

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	
- SLN8- 65	HSK50A	90	65	39	26	14	12	41	50	28	8	M8	1	
-SLN10- 65	HSK50A	90	65	39	26	15	14	41	50	35	10	M10	1	
-SLN12- 80	HSK50A	105	80	54	26	20	16	55	50	40	12	M10	1	
-SLN14- 80	HSK50A	105	80	54	26	22	18	55	50	40	14	M10	1	
-SLN16- 80	HSK50A	105	80	54	26	22	18	55	50	40	16	M10	1	
-SLN18- 90	HSK50A	115	90	64	26	24	20	65	50	42	18	M12	1	
-SLN20- 90	HSK50A	115	90	64	26	25	20	65	50	52	20	M12	2	
-SLN25-110	HSK50A	135	110	84	26	24	25	68	50	52	25	M12	2	
-SLN32-110	HSK50A	135	110	84	26	24	28	75	50	63	32	M16	2	

特点：

◎内孔精度：H5

Features:

◎ Internal hole tolerance:H5

规格说明:

HSK50A - SLN - 6 - 65

- 65 L1 长度 Length (L1)
- 6 刀杆直径 Diameter
- SLN 功能代号 Holder type
- HSK50A 锥柄形式 Taper size

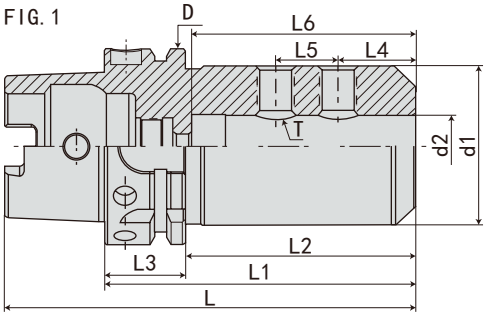
·HSK-63A-SLN 侧固式刀柄

HSK-63A-SLN SIDE LOCK END MILL HOLDER



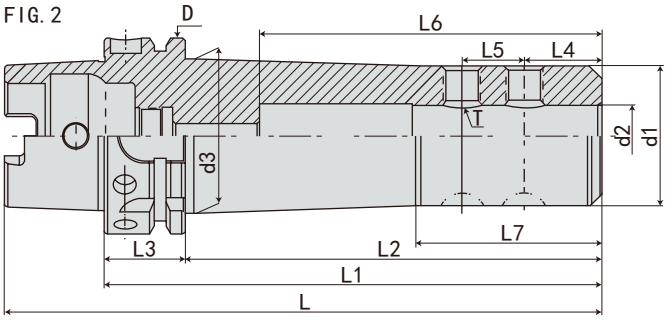


FIG. 1



扫描二维码观看产品视频

FIG. 2



◎径跳：5μm RUN-OUT：5μm

◎动平衡 (BALANCING)：G2.5 30000RPM

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	
-120	HSK63A	152	120	94	26	12	10	50	-	63	25	6	-	M6	1	
-160	HSK63A	192	160	134	26	12	10	50	45	63	20	6	25	M6	2	
- SLN8-100	HSK63A	122	100	74	26	14	12	50	-	63	28	8	-	M8	1	
-120	HSK63A	152	120	94	26	14	12	50	-	63	28	8	-	M8	1	
-160	HSK63A	192	160	134	26	14	12	50	45	63	23	8	28	M8	2	
-SLN10-100	HSK63A	122	100	74	26	15	14	55	-	63	35	10	-	M10	1	
-120	HSK63A	152	120	94	26	15	14	55	-	63	35	10	-	M10	1	
-160	HSK63A	192	160	134	26	15	14	55	50	63	30	10	35	M10	2	1.6
-SLN12-100	HSK63A	122	100	74	26	20	16	57	-	63	40	12	-	M10	1	
-120	HSK63A	152	120	94	26	20	16	60	-	63	40	12	-	M10	1	
-160	HSK63A	192	160	134	26	20	16	60	50	63	35	12	40	M10	2	
-SLN14-100	HSK63A	122	100	74	26	22	18	57	-	63	46	14	-	M10	1	1.6
-120	HSK63A	152	120	94	26	22	18	60	-	63	46	14	-	M10	1	1.9
-160	HSK63A	192	160	134	26	22	18	60	55	63	40	14	45	M10	2	2.1
-SLN16-100	HSK63A	122	100	74	26	22	18	57	-	63	48	16	-	M10	1	
-120	HSK63A	152	120	94	26	22	18	87	-	63	48	16	-	M10	1	1.9
-160	HSK63A	192	160	134	26	22	18	100	55	63	40	16	45	M10	2	2.1
-200	HSK63A	232	200	174	26	22	18	100	55	63	40	16	45	M10	2	2.5

特点：

◎内孔精度：H5

Features:

◎ Internal hole tolerance:H5

规格说明：

HSK63A - SLN - 6 - 90

- 90 — L1 长度 Length (L1)
- 6 — 刀杆直径 Diameter
- SLN — 功能代号 Holder type
- HSK63A — 锥柄形式 Taper size

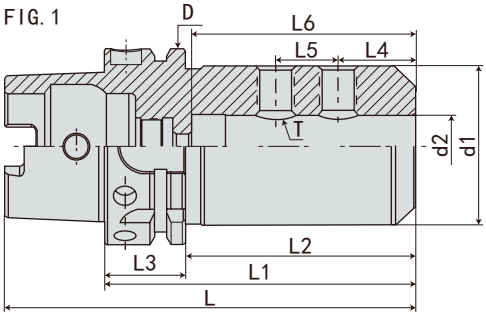
·HSK-63A-SLN 侧固式刀柄

HSK-63A-SLN SIDE LOCK END MILL HOLDER



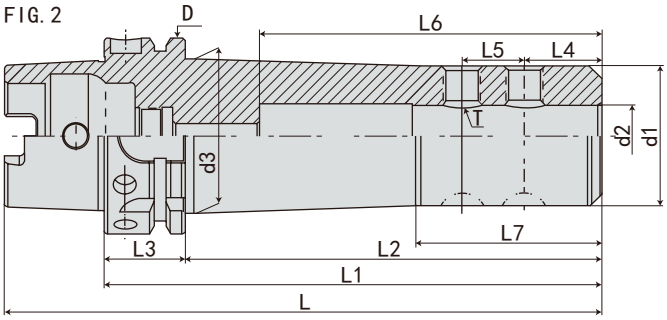


FIG. 1



扫描二维码观看产品视频

FIG. 2



◎径跳：5μm RUN-OUT：5μm
◎动平衡 (BALANCING)：G2.5 30000RPM

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	L5	L6	L7	D	d1	d2	d3	T	FIG	重量 KGS
HSK63A-SLN18-100	HSK63A	132	100	74	26	24	20	68	-	63	50	18	-	M12	1	1.7
-120	HSK63A	152	120	94	26	24	20	88	-	63	50	18	-	M12	1	2
-160	HSK63A	192	160	134	26	24	20	100	60	63	45	18	50	M12	2	2
-SLN20-100	HSK63A	132	100	74	26	25	20	68	-	63	52	20	-	M12	1	1.6
-120	HSK63A	152	120	94	26	25	20	88	-	63	52	20	-	M12	1	2
-160	HSK63A	192	160	134	26	25	20	110	60	63	45	20	50	M12	2	2.3
-200	HSK63A	232	200	174	26	25	20	110	60	63	45	20	50	M12	2	2.8
-SLN25-110	HSK63A	142	110	84	26	24	25	68	-	63	65	25	-	M12	1	
-160	HSK63A	192	160	134	26	24	25	120	65	63	50	25	55	M12	2	3.5
-200	HSK63A	232	200	174	26	24	25	120	65	63	50	25	55	M12	2	3.1
-SLN32-110	HSK63A	142	110	84	26	24	28	73	-	63	72	32	-	M16	1	
-160	HSK63A	192	160	134	26	24	28	120	70	63	60	32	65	M16	2	4
-200	HSK63A	232	200	174	26	24	28	120	70	63	60	32	65	M16	2	3.9
-SLN40-125	HSK63A	157	125	99	26	30	32	87	-	63	80	40	-	M20	1	
-160	HSK63A	192	160	134	26	30	32	120	80	63	70	40	75	M16	2	4.4
-200	HSK63A	232	200	174	26	30	32	120	80	63	70	40	75	M16	2	4.8

特点：

◎内孔精度：H5

Features:

◎ Internal hole tolerance:H5

规格说明:

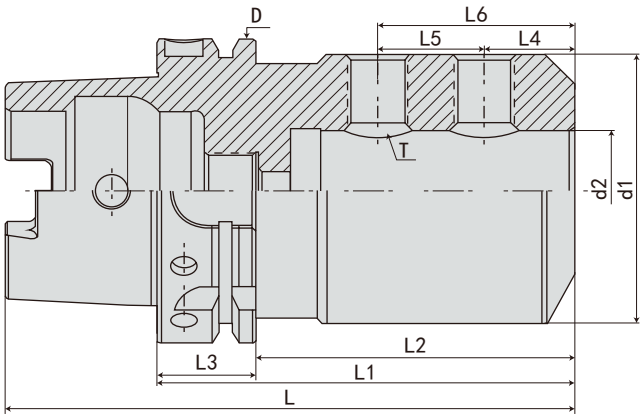
HSK63A - SLN - 18 - 100

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

·HSK-80A-SLN 侧固式刀柄

HSK-80A-SLN SIDE LOCK END MILL HOLDER





◎径跳：5μm RUN-OUT：5μm

◎动平衡 (BALANCING)：G2.5 30000RPM

扫描二维码观看产品视频

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	
- SLN8- 80	HSK80A	120	80	54	26	14	12	48	80	28	8	M8	
-SLN10- 80	HSK80A	120	80	54	26	15	14	48	80	35	10	M10	
-SLN12- 80	HSK80A	120	80	54	26	20	16	48	80	40	12	M10	
-SLN14- 80	HSK80A	120	80	54	26	22	18	48	80	46	14	M10	
-SLN16-100	HSK80A	140	100	74	26	22	18	68	80	48	16	M10	
-SLN18-100	HSK80A	140	100	74	26	24	20	68	80	50	18	M12	
-SLN20-100	HSK80A	140	100	74	26	25	20	68	80	52	20	M12	
-SLN25-100	HSK80A	140	100	74	26	24	25	68	80	65	25	M12	
-SLN32-110	HSK80A	150	110	74	26	24	28	75	80	72	32	M16	
-SLN40-120	HSK80A	160	120	74	26	30	32	85	80	80	40	M20	

特点：

◎内孔精度：H5

Features:

◎ Internal hole tolerance:H5

规格说明:

HSK80A - SLN - 6 - 80

- 80 — L1 长度 Length (L1)
- 6 — 刀杆直径 Diameter
- SLN — 功能代号 Holder type
- HSK80A — 锥柄形式 Taper size

·HSK-100A-SLN 侧固式刀柄

HSK-100A-SLN SIDE LOCK END MILL HOLDER



◎径跳：5μm RUN-OUT：5μm
◎动平衡 (BALANCING)：G2.5 30000RPM

扫描二维码观看产品视频

FIG. 1

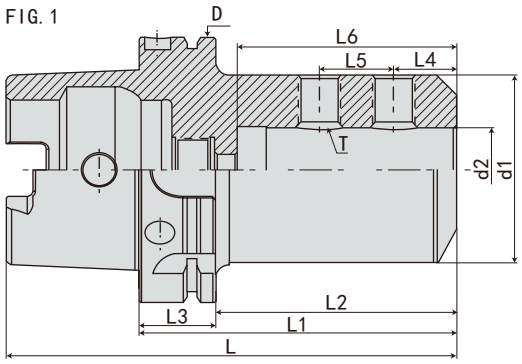
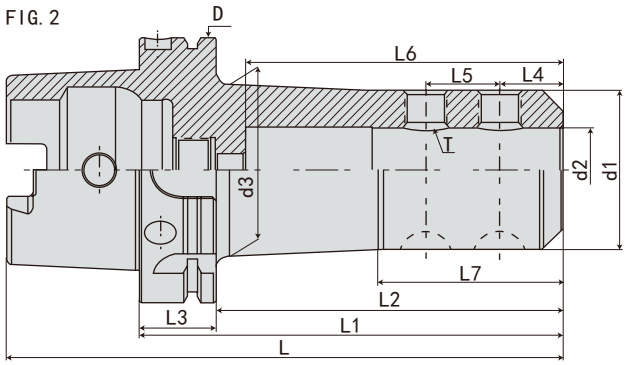


FIG. 2



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	
-160	HSK100A	210	160	131	29	12	10	50	45	100	20	6	25	M6	2	
- SLN8- 80	HSK100A	130	80	51	29	14	12	50	-	100	28	8	-	M8	1	
-160	HSK100A	210	160	131	29	14	12	50	45	100	23	8	28	M8	2	
-SLN10- 80	HSK100A	130	80	51	29	15	14	55	-	100	35	10	-	M10	1	
-160	HSK100A	210	160	131	29	15	14	55	50	100	30	10	35	M10	2	
-SLN12- 80	HSK100A	130	80	51	29	20	16	60	-	100	40	12	-	M10	1	
-160	HSK100A	210	160	131	29	20	16	60	50	100	35	12	40	M10	2	
-SLN14- 80	HSK100A	130	80	51	29	22	18	60	-	100	46	14	-	M10	1	
-160	HSK100A	210	160	131	29	22	18	60	55	100	40	14	45	M10	2	
-SLN16-100	HSK100A	150	100	71	29	22	18	62	-	100	48	16	-	M10	1	3.2
-160	HSK100A	210	160	131	29	22	18	100	55	100	40	16	45	M10	2	4.3
-200	HSK100A	250	200	171	29	22	18	100	55	100	40	16	45	M10	2	4.8
-SLN18-100	HSK100A	150	100	71	29	24	20	62	-	100	50	18	-	M10	1	
-160	HSK100A	210	160	131	29	24	20	100	60	100	45	18	50	M10	2	
-SLN20-100	HSK100A	150	100	71	29	25	20	63	-	100	52	20	-	M12	1	3.5
-160	HSK100A	210	160	131	29	25	20	110	60	100	45	20	50	M12	2	4.3
-200	HSK100A	250	200	171	29	25	20	110	60	100	45	20	50	M12	2	4.9
-250	HSK100A	300	250	221	29	25	20	110	60	100	45	20	50	M12	2	

特点：

◎内孔精度：H5

Features:

◎ Internal hole tolerance:H5

规格说明:

HSK100A - SLN - 6 - 80

- 80 — L1 长度 Length (L1)
- 6 — 刀杆直径 Diameter
- SLN — 功能代号 Holder type
- HSK100A — 锥柄形式 Taper size

·HSK-100A-SLN 侧固式刀柄

HSK-100A-SLN SIDE LOCK END MILL HOLDER



◎径跳：5μm RUN-OUT：5μm
◎动平衡 (BALANCING)：G2.5 30000RPM

扫描二维码观看产品视频

FIG. 1

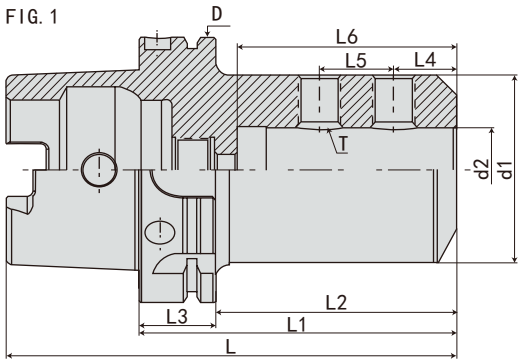
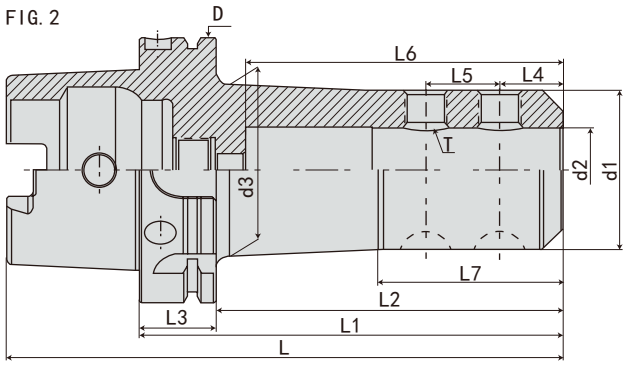


FIG. 2



规 格 Model	柄部Handle	L	L1	L2	L3	L4	L5	L6	L7	D	d1	d2	d3	T	Fig	重量 KGS
HSK100A-SLN25-100	HSK100A	150	100	71	29	24	25	63	-	100	65	25	-	M12	1	3.2
-160	HSK100A	210	160	131	29	24	25	110	65	100	50	25	55	M12	2	4.2
-200	HSK100A	250	200	171	29	24	25	110	65	100	50	25	55	M12	2	4.7
-250	HSK100A	300	250	221	29	24	25	110	65	100	50	25	55	M12	2	5.5
-SLN32-120	HSK100A	170	120	91	29	24	28	73	-	100	72	32	-	M16	1	3.5
-160	HSK100A	210	160	131	29	24	28	120	70	100	60	32	65	M16	2	4.5
-200	HSK100A	250	200	171	29	24	28	120	70	100	60	32	65	M16	2	4.5
-250	HSK100A	300	250	221	29	24	28	120	70	100	60	32	65	M16	2	6.7
-300	HSK100A	350	300	271	29	24	28	120	70	100	60	32	65	M16	2	7.8
-SLN40-120	HSK100A	170	120	91	29	30	32	87	-	100	80	40	-	M20	1	4.9
-160	HSK100A	210	160	131	29	30	32	120	80	100	70	40	75	M16	2	5.2
-200	HSK100A	250	200	171	29	30	32	120	80	100	70	40	75	M16	2	6.5
-250	HSK100A	300	250	221	29	30	32	120	80	100	70	40	75	M16	2	7.9
-300	HSK100A	350	300	271	29	30	32	120	80	100	70	40	75	M16	2	
-SLN42-120	HSK100A	170	120	91	29	30	32	87	-	100	80	42	-	M20	1	4.8
-160	HSK100A	210	160	131	29	30	32	120	80	100	75	42	80	M16	2	5.7
-200	HSK100A	250	200	171	29	30	32	120	80	100	75	42	80	M16	2	7.1
-SLN50-120	HSK100A	170	120	91	29	35	35	87	-	100	88	50	-	M20	1	5.1
-160	HSK100A	210	160	131	29	35	35	120	-	100	83	50	88	M20	1	
-SLN50.8-120	HSK100A	170	120	91	29	35	35	87	-	100	88	50.8	-	M20	1	5.1
-160	HSK100A	210	160	131	29	35	35	120	-	100	83	50.8	88	M20	1	

特点：

◎内孔精度：H5

Features:

◎ Internal hole tolerance:H5

规格说明:

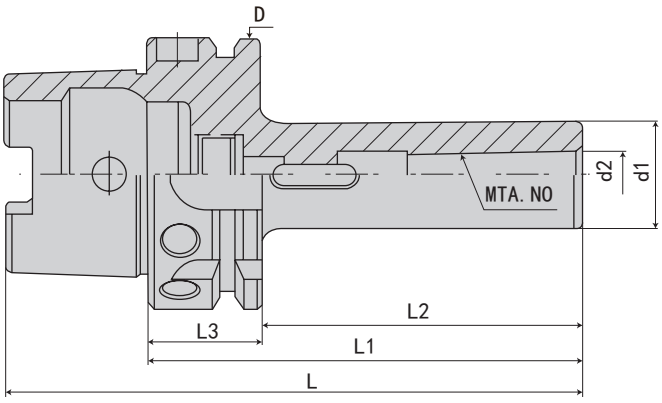
HSK100A - SLN - 25 - 100

- 100 — L1 长度 Length (L1)
- 25 — 刀杆直径 Diameter
- SLN — 功能代号 Holder type
- HSK100A — 锥柄形式 Taper size

·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
-MTA2-120	HSK50A	145	120	94	26	50	32	17.78	MTA2	Φ14-Φ23	0.9
-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-B

Features:

◎ MTA=TANG TYPE=DIN 228-B

规格说明:

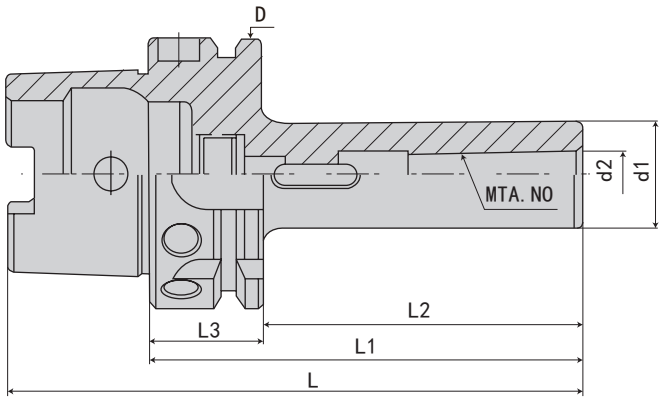
HSK50A - MTA - 1 - 100

- 100 — L1 长度 Length (L1)
- 1 — 莫氏锥度号 Morse taper No.
- MTA — 有扁尾莫氏锥孔 Morse taper holder type A
- HSK50A — 锥柄形式 Holder type

·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	
-MTA2-120	HSK63A	152	120	94	26	63	32	17.78	MTA2	Φ14-ϕ23	
-MTA3-140	HSK63A	172	140	114	26	63	40	23.825	MTA3	Φ23-ϕ32	
-MTA4-160	HSK63A	192	160	134	26	63	48	31.267	MTA4	ϕ32-ϕ50	

特点：

◎ MTA= 扁尾型式 =DIN 228-B

Features:

◎ MTA=TANG TYPE=DIN 228-B

规格说明:

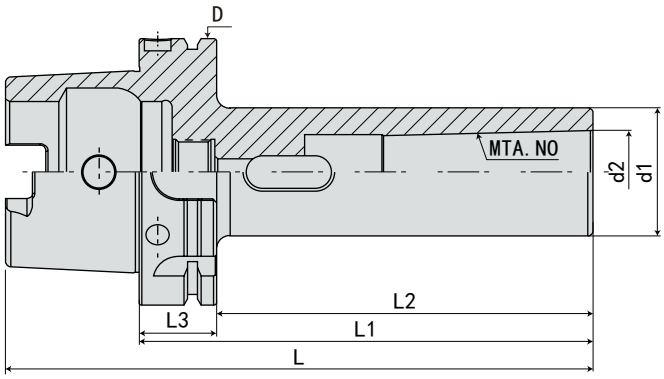
HSK63A - MTA - 1 - 100

- 100 — L1 长度 Length (L1)
- 1 — 莫氏锥度号 Morse taper No.
- MTA — 有扁尾莫氏锥孔 Morse taper holder type A
- HSK63A — 锥柄形式 Holder type

·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	
-MTA2-120	HSK80A	160	120	94	26	80	32	17.78	MTA2	Φ14-Φ23	
-MTA3-140	HSK80A	180	140	114	26	80	40	23.825	MTA3	Φ23-Φ32	
-MTA4-160	HSK80A	200	160	134	26	80	48	31.267	MTA4	Φ32-Φ50	

特点：

◎ MTA= 扁尾型式 =DIN 228-B

Features:

◎ MTA=TANG TYPE=DIN 228-B

规格说明:

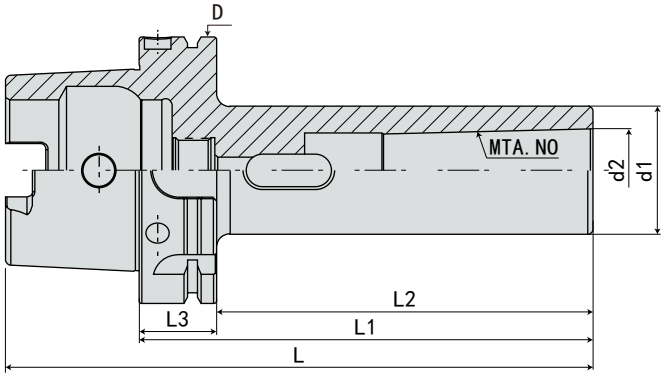
HSK80A - MTA - 1 - 100

- 100：L1 长度 Length (L1)
- 1：莫氏锥度号 Morse taper No.
- MTA：有扁尾莫氏锥孔 Morse taper holder type A
- HSK80A：锥柄形式 Holder type

·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	
-MTA2-120	HSK100A	170	120	91	29	100	32	17.78	MTA2	Φ14-ϕ23	2.8
-MTA3-150	HSK100A	200	150	121	29	100	40	23.825	MTA3	Φ23-ϕ32	3.3
-MTA4-170	HSK100A	220	170	141	29	100	48	31.267	MTA4	ϕ32-ϕ50	3.8
-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-B

Features:

◎ MTA=TANG TYPE=DIN 228-B

规格说明:

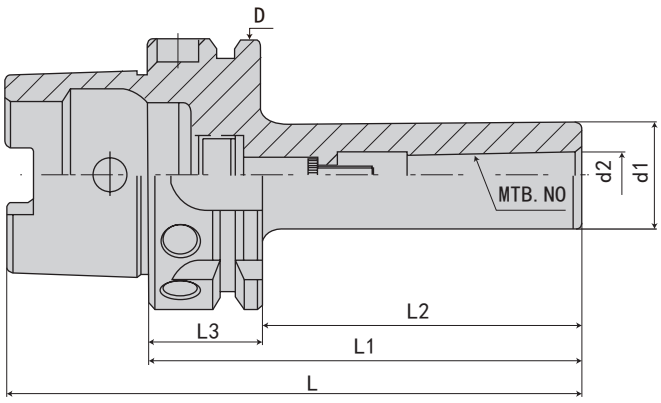
HSK100A - MTA - 1 - 110

- 110：L1 长度 Length (L1)
- 1：莫氏锥度号 Morse taper No.
- MTA：有扁尾莫氏锥孔 Morse taper holder type A
- HSK100A：锥柄形式 Holder type

·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	
-MTB2-120	HSK50A	145	120	94	26	50	32	17.78	MTB2	Φ16-Φ22	
-MTB3-140	HSK50A	165	140	114	26	50	40	23.825	MTB3	Φ24-Φ32	

规格说明:

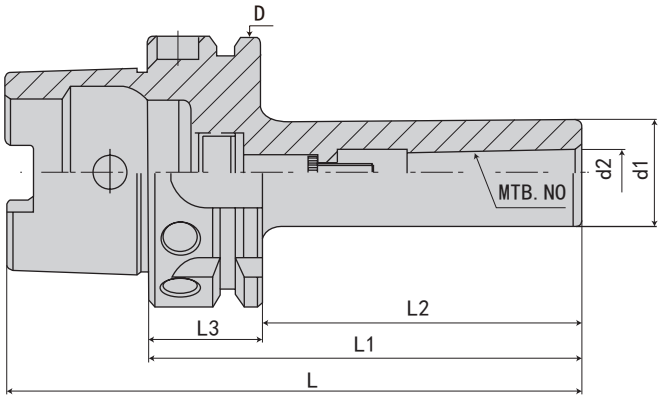
HSK50A - MTB - 1 - 100

- 100 — L1 长度 Length (L1)
- 1 — 莫氏锥度号 Morse taper No.
- MTB — 无扁尾莫氏锥孔 Morse taper holder type B
- HSK50A — 锥柄形式 Holder type

·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	
-MTB2-120	HSK63A	152	120	94	26	63	ϕ32	17.78	MTB2	ϕ16-ϕ22	
-MTB3-140	HSK63A	172	140	114	26	63	ϕ40	23.825	MTB3	ϕ24-ϕ32	
-MTB4-160	HSK63A	192	160	134	26	63	ϕ48	31.267	MTB4	ϕ32-ϕ50	

规格说明:

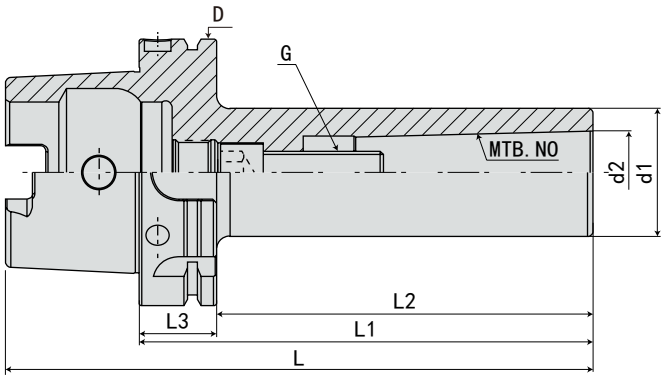
HSK63A - MTB - 1 - 100

- 100 — L1 长度 Length (L1)
- 1 — 莫氏锥度号 Morse taper No.
- MTB — 无扁尾莫氏锥孔 Morse taper holder type B
- HSK63A — 锥柄形式 Holder type

·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	
-MTB2-120	HSK80A	160	120	94	26	80	32	17.78	MTB2	Φ16-Φ22	
-MTB3-150	HSK80A	190	150	124	26	80	40	23.825	MTB3	Φ24-Φ32	
-MTB4-170	HSK80A	210	170	144	26	80	48	31.267	MTB4	Φ32-Φ50	

规格说明:

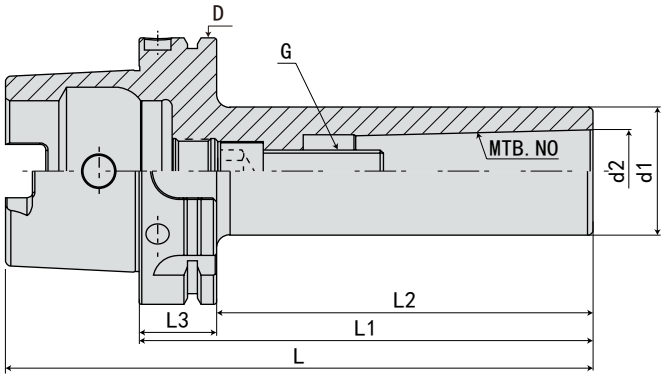
HSK80A - MTB - 1 - 110

- 110 — L1 长度 Length（L）
- 1 — 莫氏锥度号 Morse taper No.
- MTB — 无扁尾莫氏锥孔 Morse taper holder type B
- HSK80A — 锥柄形式 Shank size

·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	
-MTB2-120	HSK100A	170	120	91	29	100	ϕ32	17.78	MTB2	ϕ16-ϕ22	2.8
-MTB3-150	HSK100A	200	150	121	29	100	ϕ40	23.825	MTB3	ϕ24-ϕ32	3.4
-MTB4-170	HSK100A	220	170	141	29	100	ϕ48	31.267	MTB4	ϕ32-ϕ50	3.9
-MTB5-200	HSK100A	250	200	171	29	100	ϕ63	44.399	MTB5	ϕ40-ϕ75	5.2

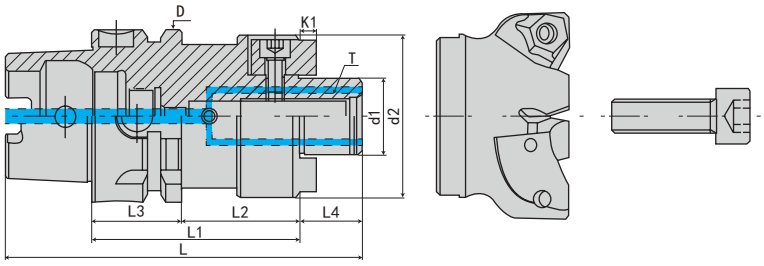
规格说明:

HSK100A - MTB - 1 - 110

- 110 — L1 长度 Length（L1）
- 1 — 莫氏锥度号 Morse taper No.
- MTB — 无扁尾莫氏锥孔 Morse taper holder type B
- HSK100A — 锥柄形式 Holder type

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





扫描二维码观看产品视频

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	
-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

规格说明:

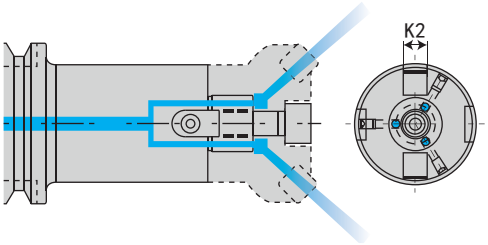
HSK32A - FMB - 16 - 45

- 45 — L1 长度 Length (L1)
- 16 — 接口直径 Bore diameter of cutter
- FMB — 功能代号 Face mill holder type B
- HSK32A — 锥柄形式 Taper size

Features:

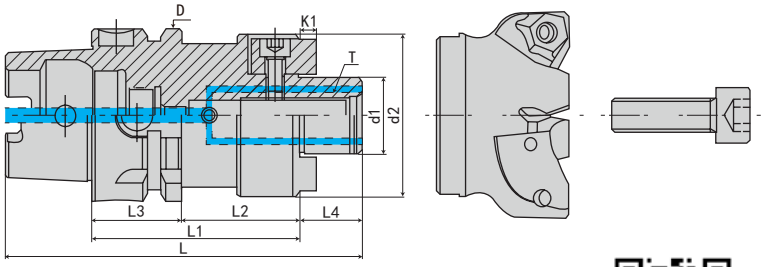
◎ d1 tolerance:h6

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





扫描二维码观看产品视频

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	
-FMB22-50	HSK40A	88	50	30	20	18	40	22	47	4.8	10	M10*1.5P	
-FMB27-55	HSK40A	95	55	35	20	20	40	27	60	5.8	12	M12*1.75P	
-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

规格说明:

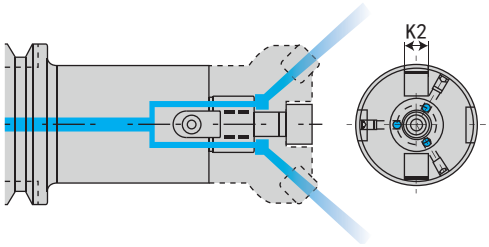
HSK40A - FMB - 16 - 50

- 50 L1 长度 Length (L1)
- 16 接口直径 Bore diameter of cutter
- FMB 功能代号 Face mill holder type B
- HSK40A 锥柄形式 Taper size

Features:

◎ d1 tolerance:h6

通过内冷，冷却液·空气直达刀尖



·HSK50A-FMB 平面铣刀柄

HSK50A-FMB FACE MILL ARBOR





FIG. 1

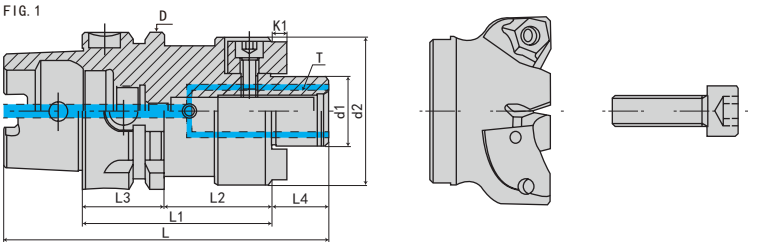
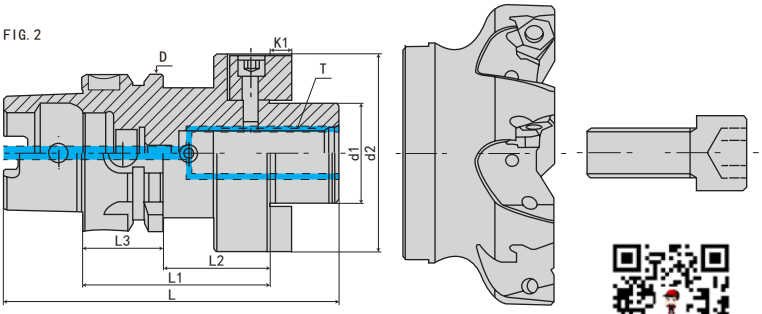


FIG. 2



扫描二维码观看产品视频

规 格 Model	柄部 Handle	L	L1	L2	L3	L4	D	d1	d2	K1	K2	T	FIG	重量 KGS
HSK50A-FMB16-50	HSK50A	92	50	24	26	17	50	16	37	3.2	8	M8*1.25P	1	
-FMB22-60	HSK50A	103	60	34	26	18	50	22	47	4.8	10	M10*1.5P	1	
-FMB27-60	HSK50A	105	60	34	26	20	50	27	60	5.8	12	M12*1.75P	2	
-FMB32-60	HSK50A	107	60	34	26	22	50	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

规格说明：

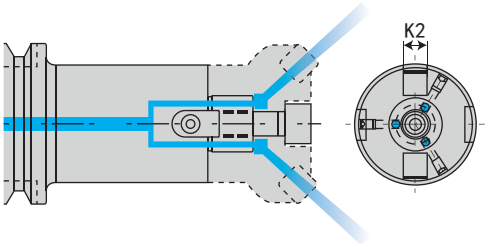
HSK50A - FMB - 16 - 50

- 50：L1 长度 Length (L1)
- 16：接口直径 Bore diameter of cutter
- FMB：功能代号 Face mill holder type B
- HSK50A：锥柄形式 Taper size

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

扫描二维码观看产品视频





FIG. 1

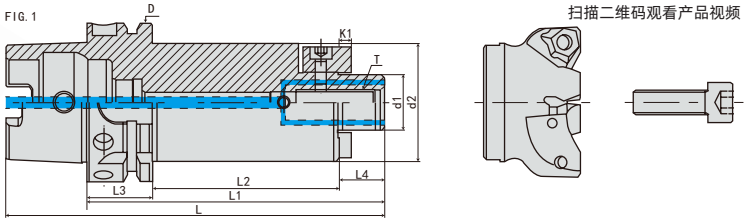
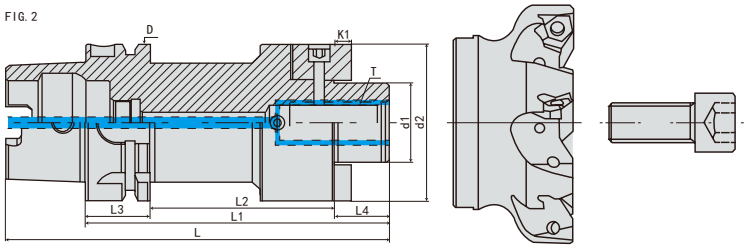


FIG. 2



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

规格说明：

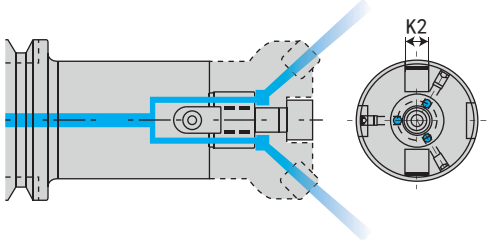
HSK63A - FMB - 16 - 50 - D37

- 刀杆直径 Diameter
- 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 Taper size

Features:

◎ d1 tolerance:h6

通过内冷，冷却液·空气直达刀尖

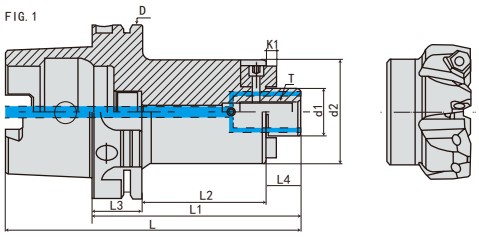


·HSK80A-FMB 平面铣刀柄　HSK80A-FMB FACE MILL ARBOR



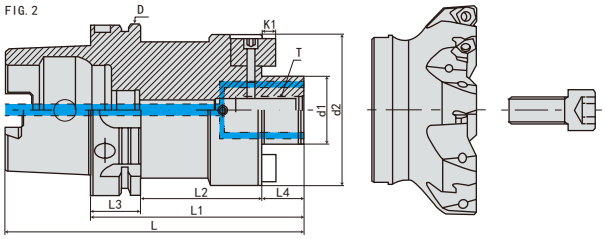


FIG. 1



扫描二维码观看产品视频

FIG. 2



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	
-100	HSK80A	158	100	74	26	18	80	22	47	4.8	10	M10*1.5P	1	2.5
-FMB27- 50	HSK80A	110	50	24	26	20	80	27	60	5.8	12	M12*1.75P	1	
-100	HSK80A	160	100	74	26	20	80	27	60	5.8	12	M12*1.75P	1	3.2
-FMB32- 60	HSK80A	122	60	34	26	22	80	32	80	6.3	14	M16*2.0P	2	
-100	HSK80A	162	100	74	26	22	80	32	80	6.3	14	M16*2.0P	2	
-FMB40- 60	HSK80A	125	60	34	26	25	80	40	89	8.3	16	M16*2.0P	2	
-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

规格说明：

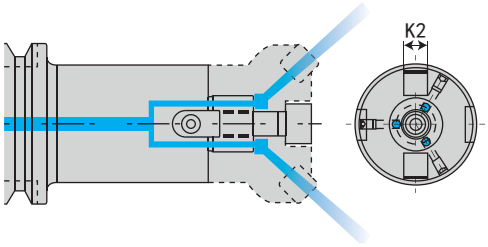
HSK80A - FMB - 22 - 50

- 50 — L1 长度 Length (L1)
- 22 — 接口直径 Bore diameter of cutter
- FMB — 功能代号 Face mill holder type B
- HSK80A — 锥柄形式 Taper size

Features:

◎ d1 tolerance:h6

通过内冷，冷却液·空气直达刀尖



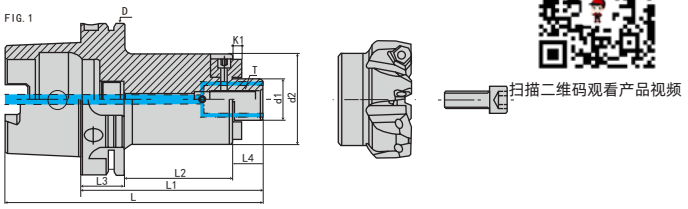
·HSK100A-FMB 平面铣刀柄

HSK100A-FMB FACE MILL ARBOR



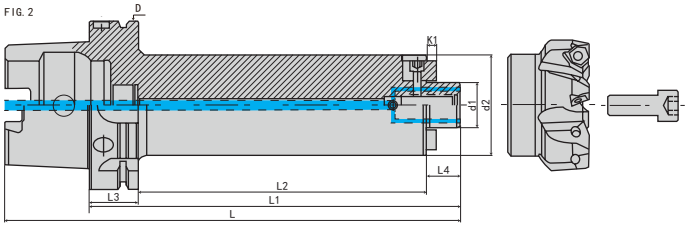


FIG. 1



扫描二维码观看产品视频

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
-100-D37	HSK100A	167	100	71	29	17	100	16	37	3.2	8	M8*1.25P	1	2.9
-150-D37	HSK100A	217	150	121	29	17	100	16	37	3.2	8	M8*1.25P	1	3.5
-200-D37	HSK100A	267	200	171	29	17	100	16	37	3.2	8	M8*1.25P	1	3.9
-FMB22- 50-D47	HSK100A	118	50	21	29	18	100	22	47	4.8	10	M10*1.5P	1	2.6
-100-D47	HSK100A	168	100	71	29	18	100	22	47	4.8	10	M10*1.5P	1	3.3
-150-D47	HSK100A	218	150	121	29	18	100	22	47	4.8	10	M10*1.5P	1	4
-200-D47	HSK100A	268	200	171	29	18	100	22	47	4.8	10	M10*1.5P	1	5
-250-D47	HSK100A	318	250	221	29	18	100	22	47	4.8	10	M10*1.5P	1	5.4
-300-D47	HSK100A	368	300	271	29	18	100	22	47	4.8	10	M10*1.5P	1	5.9
-350-D47	HSK100A	418	350	321	29	18	100	22	47	4.8	10	M10*1.5P	1	
-400-D47	HSK100A	468	400	371	29	18	100	22	47	4.8	10	M10*1.5P	1	
-450-D47	HSK100A	518	450	421	29	18	100	22	47	4.8	10	M10*1.5P	1	
-500-D47	HSK100A	568	500	471	29	18	100	22	47	4.8	10	M10*1.5P	1	
-FMB22- 50-D60	HSK100A	118	50	21	29	18	100	22	60	4.8	10	M10*1.5P	1	2.8
-100-D60	HSK100A	168	100	71	29	18	100	22	60	4.8	10	M10*1.5P	1	4
-150-D60	HSK100A	218	150	121	29	18	100	22	60	4.8	10	M10*1.5P	1	5
-200-D60	HSK100A	268	200	171	29	18	100	22	60	4.8	10	M10*1.5P	1	6
-250-D60	HSK100A	318	250	221	29	18	100	22	60	4.8	10	M10*1.5P	1	7
-300-D60	HSK100A	368	300	271	29	18	100	22	60	4.8	10	M10*1.5P	1	8.1
-350-D60	HSK100A	418	350	321	29	18	100	22	60	4.8	10	M10*1.5P	1	9
-400-D60	HSK100A	468	400	371	29	18	100	22	60	4.8	10	M10*1.5P	1	11
-450-D60	HSK100A	518	450	421	29	18	100	22	60	4.8	10	M10*1.5P	1	
-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
-100-D60	HSK100A	170	100	71	29	20	100	27	60	5.8	12	M12*1.75P	1	4
-150-D60	HSK100A	220	150	121	29	20	100	27	60	5.8	12	M12*1.75P	1	5
-200-D60	HSK100A	270	200	171	29	20	100	27	60	5.8	12	M12*1.75P	1	6.3
-250-D60	HSK100A	320	250	221	29	20	100	27	60	5.8	12	M12*1.75P	1	7.2
-300-D60	HSK100A	370	300	271	29	20	100	27	60	5.8	12	M12*1.75P	1	8.4
-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

规格说明：

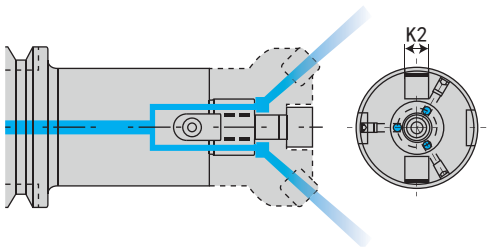
HSK100A - FMB - 16 - 50 - D37

- D37 刀杆直径 Diameter
- 50 L1 长度 Length (L1)
- 16 接口直径 Bore diameter of cutter
- FMB 功能代号 Face mill holder type B
- HSK100A 锥柄形式 Taper size

Features:

◎ d1 tolerance:h6

通过内冷，冷却液·空气直达刀尖

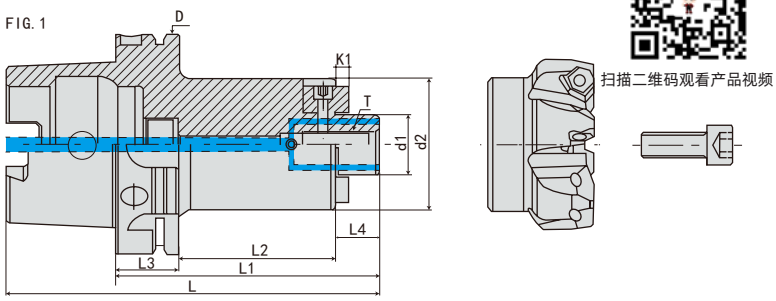


·HSK100A-FMB 平面铣刀柄

HSK100A-FMB FACE MILL ARBOR



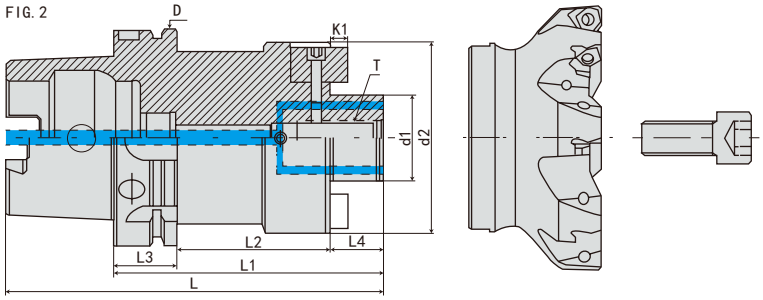
FIG. 1



扫描二维码观看产品视频



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	
-450-D60	HSK100A	520	450	421	29	20	100	27	60	5.8	12	M12*1.75P	1	
-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	
-100-D76	HSK100A	172	100	71	29	20	100	27	76	5.8	12	M12*1 .75P	1	
-150-D76	HSK100A	222	150	121	29	20	100	27	76	5.8	12	M12*1.75P	1	
-200-D76	HSK100A	272	200	171	29	20	100	27	76	5.8	12	M12*1.75P	1	8
-FMB32- 50-D80	HSK100A	122	50	21	29	22	100	32	80	6.8	14	M16*2.0P	1	3.4
-100-D80	HSK100A	172	100	71	29	22	100	32	80	6.8	14	M16*2.0P	1	5.3
-150-D80	HSK100A	222	150	121	29	22	100	32	80	6.8	14	M16*2.0P	1	
-200-D80	HSK100A	272	200	171	29	22	100	32	80	6.8	14	M16*2.0P	1	9.3
-250-D80	HSK100A	322	250	221	29	22	100	32	80	6.8	14	M16*2.0P	1	11.2
-300-D80	HSK100A	372	300	271	29	22	100	32	80	6.8	14	M16*2.0P	1	13.3
- 50-D96	HSK100A	122	50	21	29	22	100	32	96	6.8	14	M16*2.0P	2	
-100-D96	HSK100A	172	100	71	29	22	100	32	96	6.8	14	M16*2.0P	2	
-150-D96	HSK100A	222	150	121	29	22	100	32	96	6.8	14	M16*2.0P	2	
-200-D96	HSK100A	272	200	171	29	22	100	32	96	6.8	14	M16*2.0P	2	
-FMB40- 60-D88	HSK100A	135	60	31	29	25	100	40	88	8.3	16	M16*2.0P	1	4.1
-100-D88	HSK100A	175	100	71	29	25	100	40	88	8.3	16	M16*2.0P	1	5.7
-150-D88	HSK100A	225	150	121	29	25	100	40	88	8.3	16	M16*2.0P	1	7.7
-200-D88	HSK100A	275	200	171	29	25	100	40	88	8.3	16	M16*2.0P	1	9.7
-250-D88	HSK100A	325	250	221	29	25	100	40	88	8.3	16	M16*2.0P	1	11.6
-300-D88	HSK100A	375	300	271	29	25	100	40	88	8.3	16	M16*2.0P	1	13.7
- 60-D100	HSK100A	135	60	31	29	25	100	40	100	8.3	16	M16*2.0P	2	
-100-D100	HSK100A	175	100	71	29	25	100	40	100	8.3	16	M16*2.0P	2	
-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

规格说明:

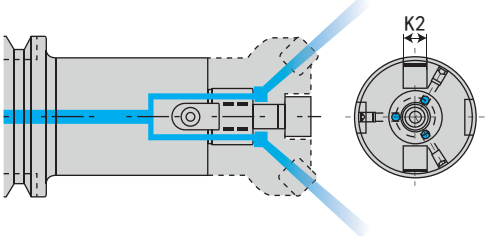
HSK100A - FMB - 27 - 400 - D60

- 刀杆直径 Diameter
- 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 Taper size

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





扫描二维码观看产品视频

FIG. 1

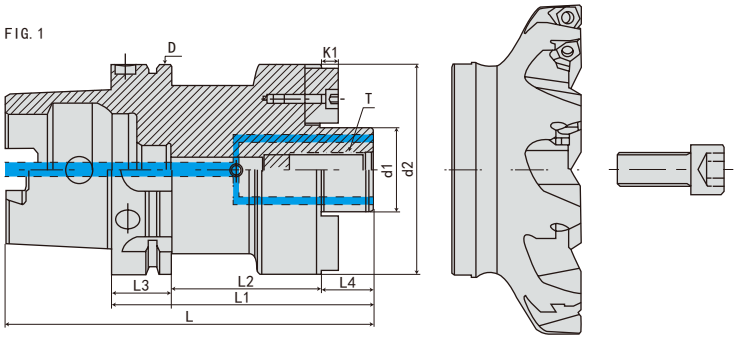
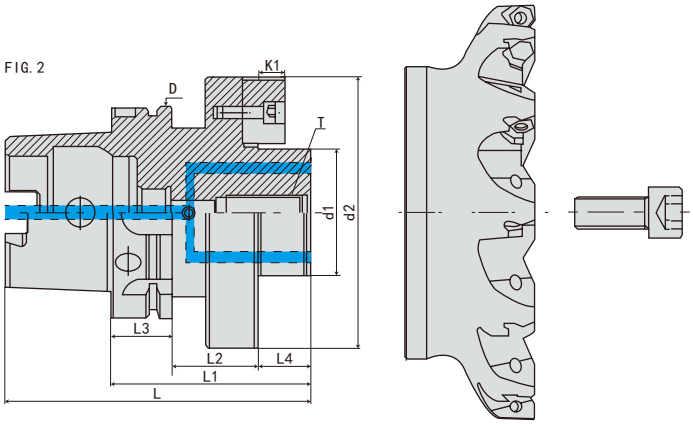


FIG. 2



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	
-100	HSK100A	175	100	71	29	25	100	40	100	8.3	16	1	
-150	HSK100A	225	150	121	29	25	100	40	100	8.3	16	1	8.1
-200	HSK100A	275	200	171	29	25	100	40	100	8.3	16	1	
- FMB60- 70	HSK100A	145	70	41	29	25	100	60	128	12.5	25.4	2	
-100	HSK100A	175	100	71	29	25	100	60	128	12.5	25.4	2	
-FMA47.625- 70	HSK100A	152	70	41	29	32	100	47.625	128	12.5	25.4	2	
-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

规格说明:

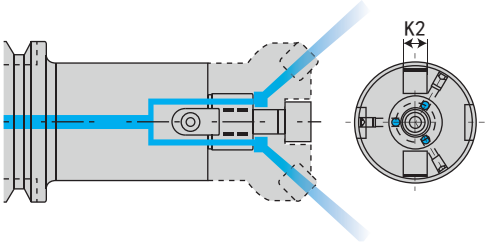
HSK100A - FMB - 40F - 60

- 60 — L1 长度 Length (L1)
- 40F — 接口直径 Diameter
- FMB — 功能代号 Face mill holder type B
- HSK100A — 锥柄形式 Taper size

Features:

◎ d1 tolerance:h6

通过内冷，冷却液·空气直达刀尖



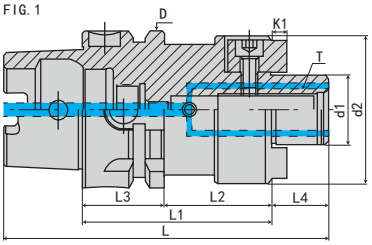
·HSK50A-FMA 平面铣刀柄

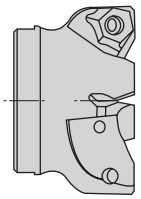
HSK50A-FMA FACE MILL ARBOR





FIG. 1

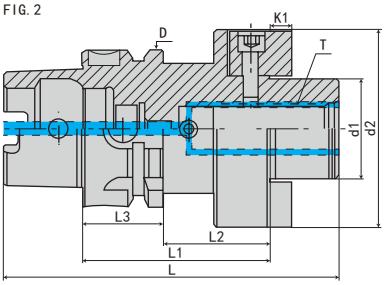


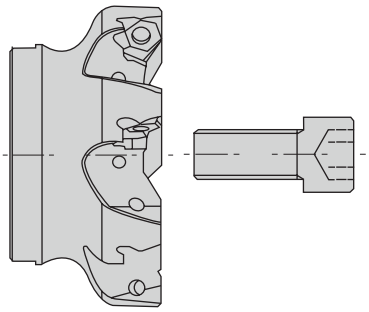


扫描二维码观看产品视频



FIG. 2





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	
-FMA31.75-60	HSK50A	107	60	34	26	22	50	31.75	60	6.7	12.7	M16*2.0P	
- 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

规格说明:

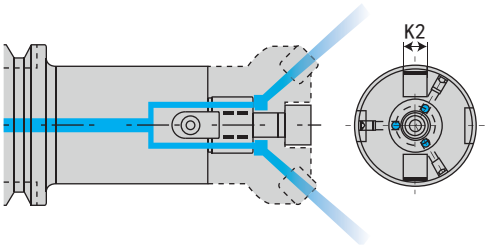
HSK50A - FMA - 25.4 - 60

- 60 — L1 长度 Length（L1）
- 25.4 — 接口直径 Diameter
- FMA — 功能代号 Face mill holder type B
- HSK50A — 锥柄形式 Taper size

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

扫描二维码观看产品视频





FIG. 1

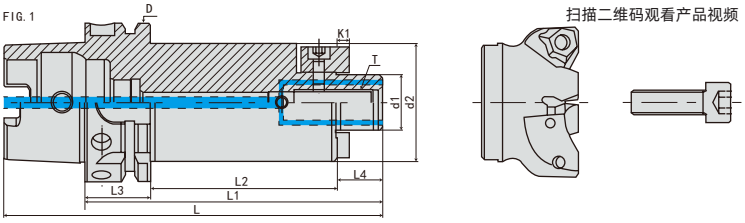
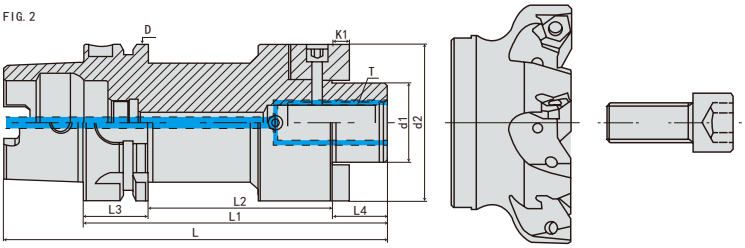


FIG. 2



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

规格说明:

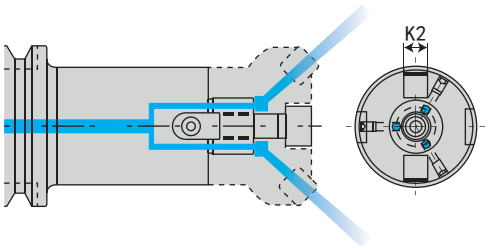
HSK63A - FMA - 25.4 - 60 - D50

- 刀杆直径 Diameter
- 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 Taper size

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





FIG. 1

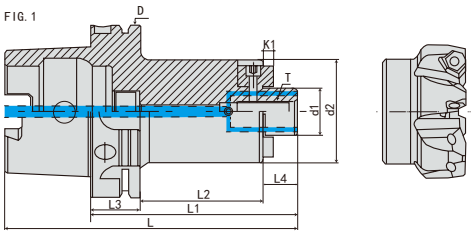
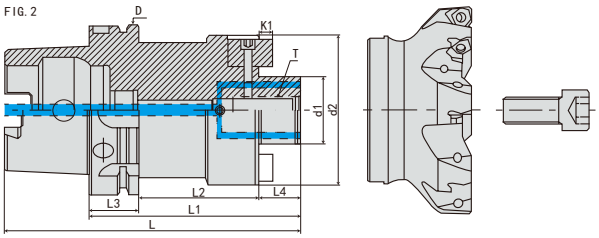


FIG. 2



扫描二维码观看产品视频

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	
-100	HSK80A	160	100	74	26	20	80	25.4	50	4.52	9.52	M12*1.75P	1	
-FMA31.75- 60	HSK80A	122	60	34	26	22	80	31.75	60	6.7	12.7	M16*2.0P	1	
-100	HSK80A	162	100	74	26	22	80	31.75	60	6.7	12.7	M16*2.0P	1	
-FMA 38.1- 60	HSK80A	125	60	34	26	25	80	38.1	75	8.87	15.87	M16*2.0P	2	
-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

规格说明:

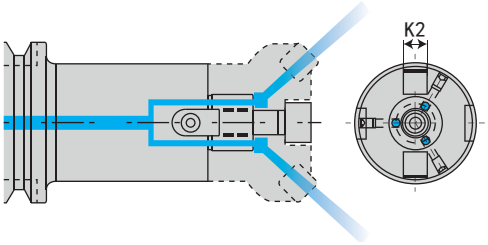
HSK80A - FMA - 25.4 - 50

- 50 — L1 长度 Length (L1)
- 25.4 — 接口直径 Bore diameter of cutter
- FMA — 功能代号 Face mill holder type B
- HSK80A — 锥柄形式 Taper size

Features:

◎ d1 tolerance:h6

通过内冷，冷却液·空气直达刀尖



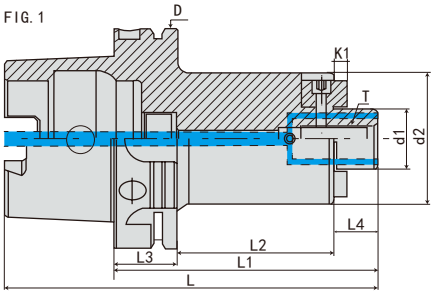
·HSK100A-FMA 平面铣刀柄

HSK100A-FMA FACE MILL ARBOR

扫描二维码观看产品视频



FIG. 1



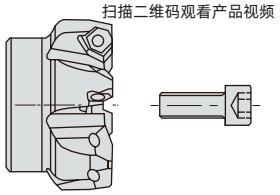
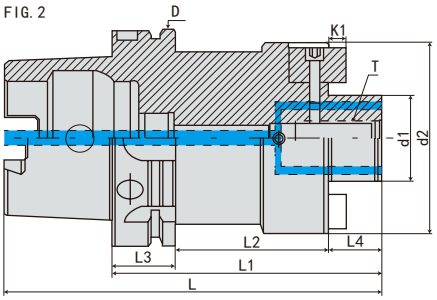
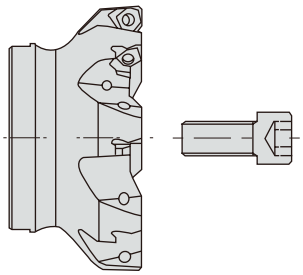




FIG. 2





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

规格说明:

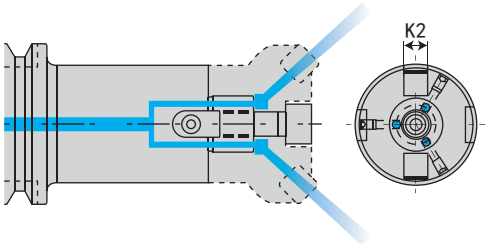
HSK100A - FMA - 25.4 - 50 - D50

- 刀杆直径 Diameter
- L1 长度 Length（L）
- 接口直径 Bore diameter of cutter
- 功能代号 Face mill holder type B
- 锥柄形式 Taper size

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





扫描二维码观看产品视频

FIG. 1

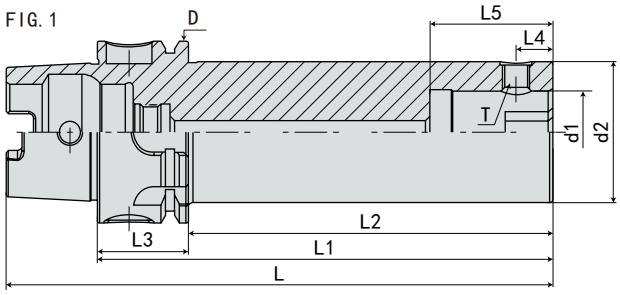
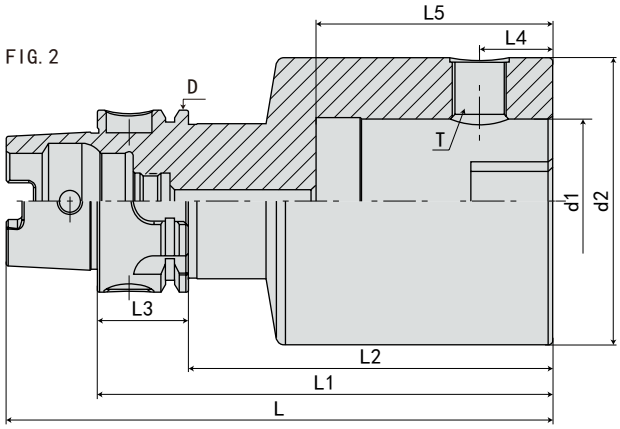


FIG. 2



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	
-100	HSK40A	120	100	80	20	5.05	30	40	11	19	M4*0.5P	
-CK2- 60	HSK40A	80	60	40	20	6.62	31	40	14	24	M5*0.5P	
-100	HSK40A	120	100	80	20	6.62	31	40	14	24	M5*0.5P	
-CK3- 60	HSK40A	80	60	40	20	8	35	40	18	31	M6*0.75P	
-100	HSK40A	120	100	80	20	8	35	40	18	31	M6*0.75P	
-CK4- 70	HSK40A	90	70	50	20	10	39	40	22	39	M8*0.75P	
-100	HSK40A	120	100	80	20	10	39	40	22	39	M8*0.75P	
-CK5- 80	HSK40A	100	80	60	20	13	45	40	28	50	M10*1.0P	
-100	HSK40A	120	100	80	20	13	45	40	28	50	M10*1.0P	
-CK6- 80	HSK40A	100	80	60	20	16	55	40	36	63	M12*1.0P	
-100	HSK40A	120	100	80	20	16	55	40	36	63	M12*1.0P	

规格说明:

HSK40A - CK - 1 - 50

- 50 — L1 长度 Length (L1)
- 1 — 接口锥度 Taper No. of cutter
- CK — 功能代号 Holder type
- HSK40A — 锥柄形式 Taper size

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





扫描二维码观看产品视频

FIG. 1

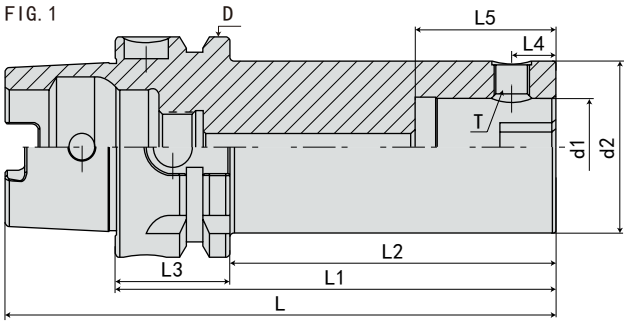
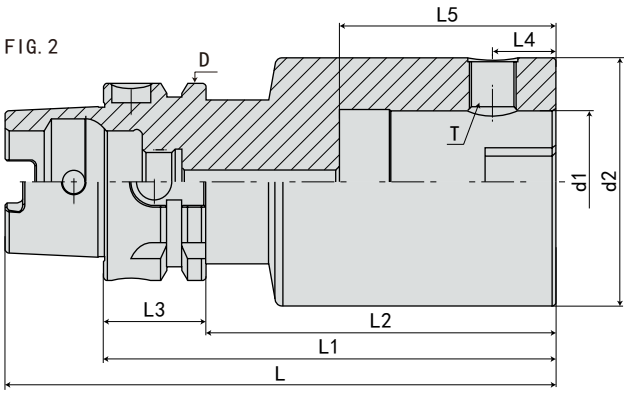


FIG. 2



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	
-100	HSK50A	125	100	74	26	5.05	30	50	11	19	M4*0.5P	
-CK2- 60	HSK50A	85	60	34	26	6.62	31	50	14	24	M5*0.5P	
-100	HSK50A	125	100	74	26	6.62	31	50	14	24	M5*0.5P	
-CK3- 60	HSK50A	85	60	34	26	8	35	50	18	31	M6*0.75P	
-100	HSK50A	125	100	74	26	8	35	50	18	31	M6*0.75P	
-CK4- 60	HSK50A	85	60	34	26	10	39	50	22	39	M8*0.75P	
-100	HSK50A	125	100	74	26	10	39	50	22	39	M8*0.75P	
-CK5- 80	HSK50A	105	80	54	26	13	45	50	28	50	M10*1.0P	
-115	HSK50A	140	115	89	26	13	45	50	28	50	M10*1.0P	
-CK6- 80	HSK50A	105	80	54	26	16	55	50	36	63	M12*1.0P	
-115	HSK50A	140	115	89	26	16	55	50	36	63	M12*1.0P	

规格说明:

HSK50A - CK - 1 - 60

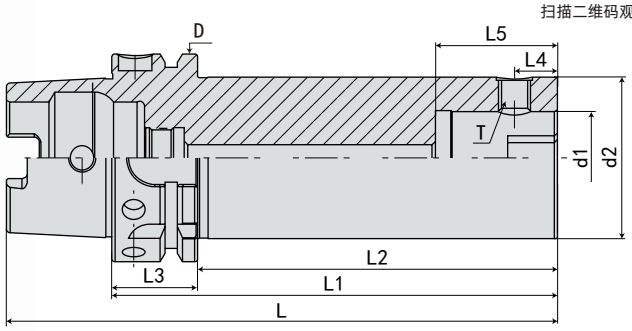
- 60 — L1 长度 Length (L1)
- 1 — 接口锥度 Taper No. of cutter
- CK — 功能代号 Holder type
- HSK50A — 锥柄形式 Taper size

·HSK63A-CK 镗头刀柄

HSK63A-CK BORING HEAD SHANK

扫描二维码观看产品视频





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

规格说明:

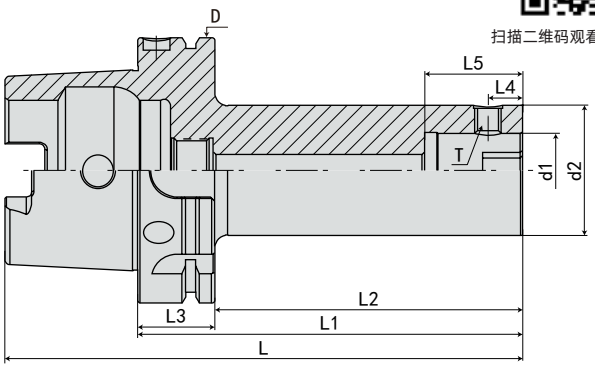
HSK63A - CK - 1 - 75

- 75 — L1 长度 Length (L1)
- 1 — 接口锥度 Taper No. of cutter
- CK — 功能代号 Holder type
- HSK63A — 锥柄形式 Taper size

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

扫描二维码观看产品视频





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	
-145	HSK80A	185	145	119	26	5.05	30	80	11	19	M4*0.5P	
-CK2- 80	HSK80A	120	80	54	26	6.62	31	80	14	24	M5*0.5P	
-115	HSK80A	155	115	89	26	6.62	31	80	14	24	M5*0.5P	
-CK3- 90	HSK80A	130	90	64	26	8	35	80	18	31	M6*0.75P	
-125	HSK80A	165	125	99	26	8	35	80	18	31	M6*0.75P	
-CK4-110	HSK80A	150	110	84	26	10	39	80	22	39	M8*0.75P	
-145	HSK80A	185	145	119	26	10	39	80	22	39	M8*0.75P	
-CK5-110	HSK80A	150	110	84	26	13	45	80	28	50	M10*1.0P	
-145	HSK80A	185	145	119	26	13	45	80	28	50	M10*1.0P	
-CK6-110	HSK80A	150	110	84	26	16	55	80	36	63	M12*1.0P	
-145	HSK80A	185	145	119	26	16	55	80	36	63	M12*1.0P	

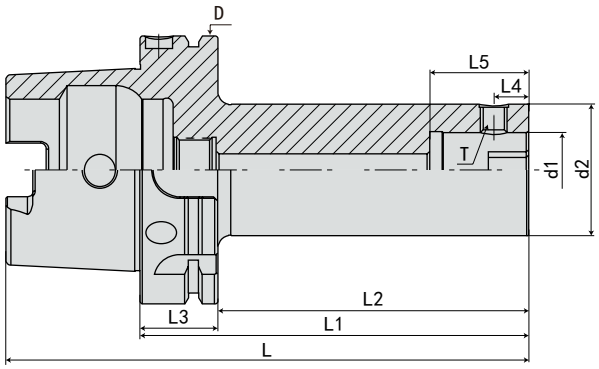
规格说明:

HSK80A - CK - 1 - 100

- 100 — L1 长度 Length (L1)
- 1 — 接口锥度 Taper No. of cutter
- CK — 功能代号 Holder type
- HSK80A — 锥柄形式 Taper size

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





扫描二维码观看产品视频

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

规格说明:

HSK100A - CK - 1 - 100

- 100 — L1 长度 Length（L）
- 1 — 接口锥度 Taper No. of cutter
- CK — 功能代号 Holder type
- HSK100A — 锥柄形式 Taper size

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



FIG. 1

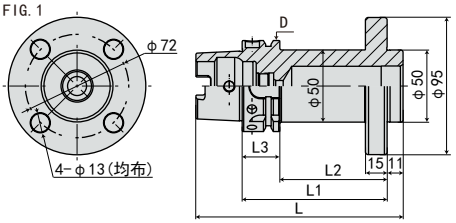
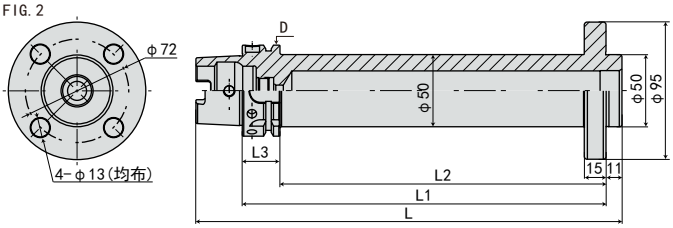


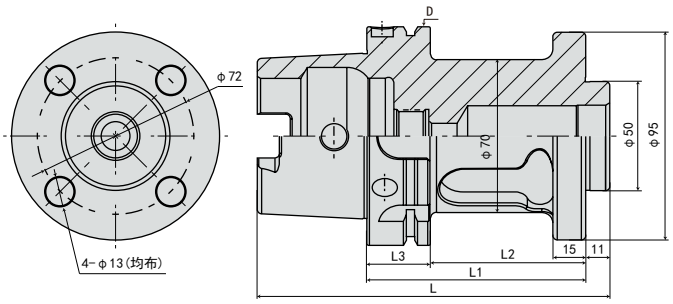
FIG. 2



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	
-150	HSK63A	182	150	124	26	63	1	
-200	HSK63A	232	200	174	26	63	2	3.4
-250	HSK63A	282	250	224	26	63	2	
-300	HSK63A	332	300	274	26	63	2	

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





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

规格说明:

HSK63A - BST - 100

- 100 — L1 长度 Length（L1）
- BST — 功能代号 Holder type
- HSK63A — 锥柄形式 Taper size

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



FIG. 1

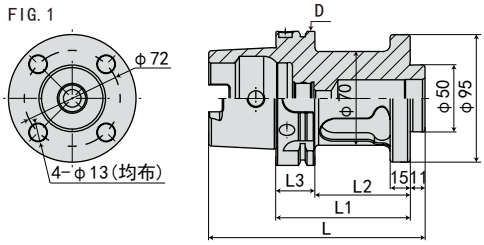
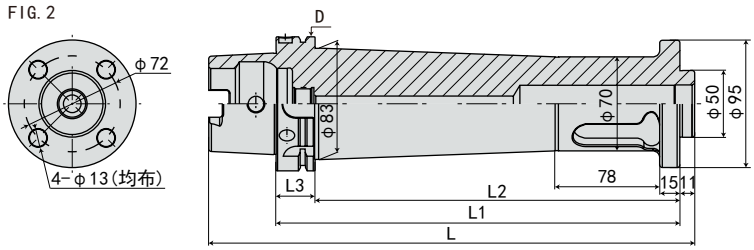


FIG. 2



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
-150	HSK100A	200	150	121	29	100	1	5.4
-200	HSK100A	250	200	171	29	100	1	6.9
-250	HSK100A	300	250	221	29	100	1	8.4
-300	HSK100A	350	300	271	29	100	2	10.8
-350	HSK100A	400	350	321	29	100	2	
-400	HSK100A	450	400	371	29	100	2	14.6
-450	HSK100A	500	450	421	29	100	2	
-500	HSK100A	550	500	471	29	100	2	

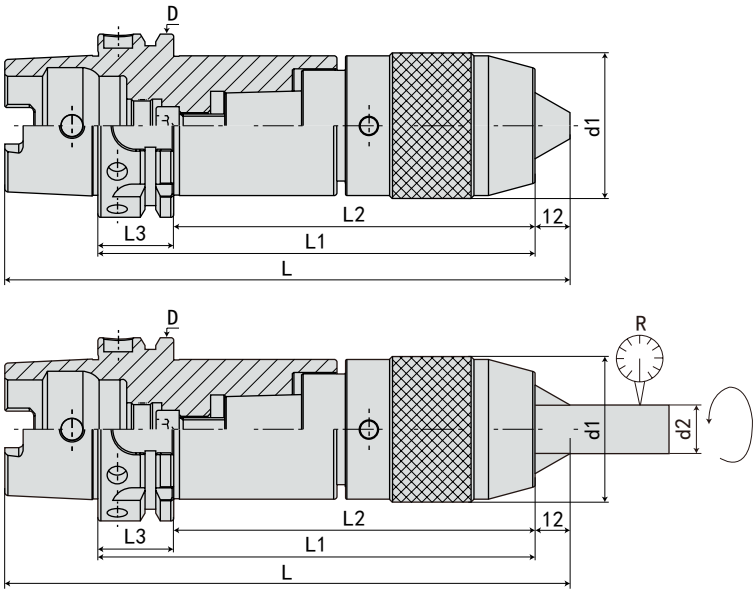
规格说明:

HSK100A - BST - 100

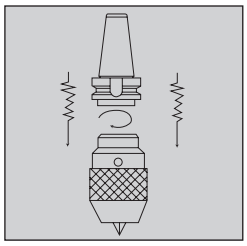
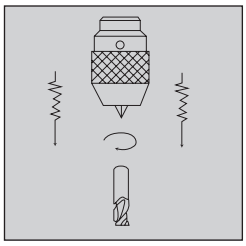
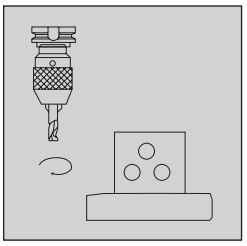
- 100 — L1 长度 Length（L1）
- BST — 功能代号 Holder type
- HSK100A — 锥柄形式 Taper size

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

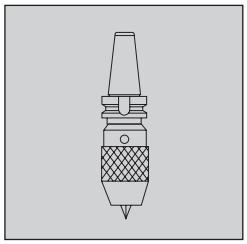
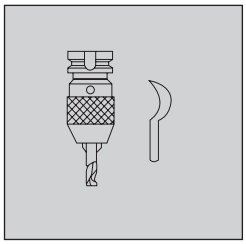
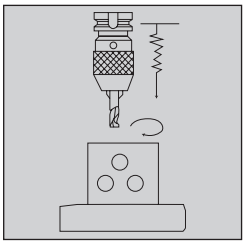




规格 / 型号 Model	L	L1	L2	L3	D	d1	d2	R	重量（KGS）
HSK40A-APU08-120	152	120	100	20	40	37	8	0.05	1.1
HSK50A-APU08-120	157	120	94	26	50	37	8	0.05	1.3
-APU13-150	187	150	124	26	50	50	13	0.05	1.5
-APU16-150	187	150	124	26	50	57	16	0.05	1.7
HSK63A-APU08-120	164	120	94	26	63	37	8	0.05	1.8
-APU13-150	194	150	124	26	63	50	13	0.05	2.29
-APU16-160	204	160	134	26	63	57	16	0.05	3
HSK100A-APU13-150	212	150	121	29	100	50	13	0.05	3.7
-APU16-160	222	160	131	29	100	57	16	0.05	4.3

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.

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



FIG. 1

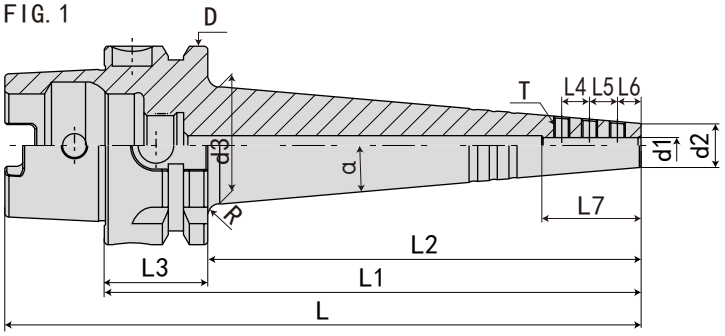
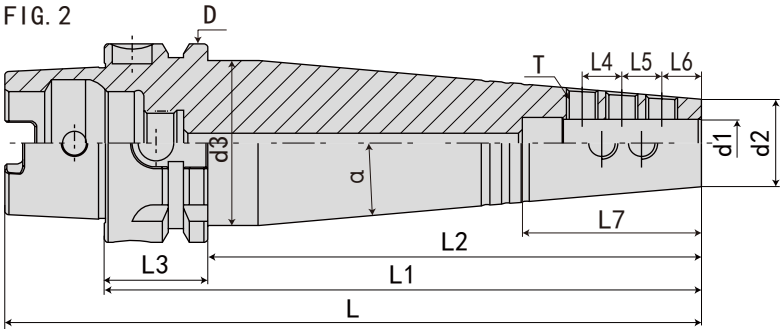


FIG. 2



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		
- SLD4-135-A5	HSK50A	160	135	109	26	7	7	6	20	50	4	11	29	M4*2.8*0.5P*H2	5°	5		
- SLD6-135-A5	HSK50A	160	135	109	26	8	8	6	22	50	6	13	31	M5*4*0.5P*H2.5	5°	5		
- SLD8-135-A5	HSK50A	160	135	109	26	10	10	7	27	50	8	15	33	M5*4*0.5P*H2.5	5°	5		
-SLD10-150-A5	HSK50A	175	150	124	26	10	10	10	35	50	10	17	38	M5*4*0.5P*H2.5	5°	5		
-SLD12-150-A5	HSK50A	175	150	124	26	10	10	10	45	50	12	22	43	M6*5*0.75P*H3	5°	5		
-SLD16-150-A5	HSK50A	175	150	124	26	12	12	10	50	50	16	26	47	M8*5*0.75P*L4	5°	5		

规格说明:

HSK50A - SLD - 3 - 135 - A5

- A5 锥度
- 135 L1 长度 Length (L1)
- 3 接口锥度 Taper No. of cutter
- SLD 功能代号 Holder type
- HSK50A 锥柄形式 Taper size

SLD 侧固式刀柄延长杆专用螺丝:

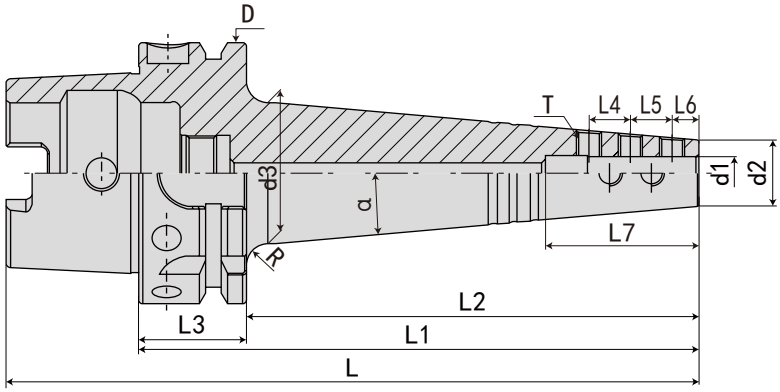
SLD side fixed extension rod special screw

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 HSK50A-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	
-165-A5	HSK63A	197	165	139	26	6	6	6	18	63	3	9	32.5	M3.5*3*0.35P*T6	5°	5	
- SLD4-135-A5	HSK63A	167	135	109	26	7	7	6	20	63	4	11	29	M4*2.8*0.5P*H2	5°	5	
-165-A5	HSK63A	197	165	139	26	7	7	6	20	63	4	11	34.5	M4*2.8*0.5P*H2	5°	5	
- SLD6-135-A5	HSK63A	167	135	109	26	8	8	6	22	63	6	13	31	M5*4*0.5P*H2.5	5°	5	
-165-A5	HSK63A	197	165	139	26	8	8	6	22	63	6	13	36.5	M5*4*0.5P*H2.5	5°	5	
-200-A5	HSK63A	232	200	174	26	8	8	6	22	63	6	13	42.5	M5*4*0.5P*H2.5	5°	5	
- SLD8-135-A5	HSK63A	167	135	109	26	10	10	7	27	63	8	15	33	M5*4*0.5P*H2.5	5°	5	
-165-A5	HSK63A	197	165	139	26	10	10	7	27	63	8	15	38.5	M5*4*0.5P*H2.5	5°	5	
-200-A5	HSK63A	232	200	174	26	10	10	7	27	63	8	15	44.5	M5*4*0.5P*H2.5	5°	5	
-SLD10-135-A5	HSK63A	167	135	109	26	10	10	10	35	63	10	17	35	M5*4*0.5P*H2.5	5°	5	
-165-A5	HSK63A	197	165	139	26	10	10	10	35	63	10	17	40.5	M5*4*0.5P*H2.5	5°	5	
-200-A5	HSK63A	232	200	174	26	10	10	10	35	63	10	17	46.5	M5*4*0.5P*H2.5	5°	5	
-SLD12-135-A5	HSK63A	167	135	109	26	10	10	10	45	63	12	22	40	M6*5*0.75P*H3	5°	5	
-165-A5	HSK63A	197	165	139	26	10	10	10	45	63	12	22	45.5	M6*5*0.75P*H3	5°	5	
-200-A5	HSK63A	232	200	174	26	10	10	10	45	63	12	22	51.5	M6*5*0.75P*H3	5°	5	
-SLD16-135-A5	HSK63A	167	135	109	26	12	12	10	50	63	16	26	44	M8*5*0.75P*L4	5°	5	
-165-A5	HSK63A	197	165	139	26	12	12	10	50	63	16	26	49.5	M8*5*0.75P*L4	5°	5	
-200-A5	HSK63A	232	200	174	26	12	12	10	50	63	16	26	55.5	M8*5*0.75P*L4	5°	5	

规格说明:

HSK63A - SLD - 3 - 135 - A5

- A5 锥度
- 135 L1 长度 Length (L1)
- 3 接口锥度 Taper No. of cutter
- SLD 功能代号 Holder type
- HSK63A 锥柄形式 Taper size

SLD 侧固式刀柄延长杆专用螺丝:

SLD side fixed extension rod special screw

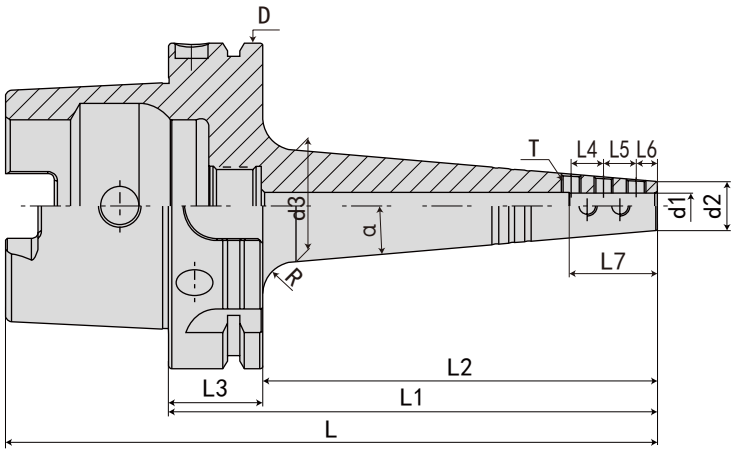
规 格 Model	使用孔径 D Using aperture
M3.5 × 3 × P0.35 × T6	D3
M4 × 2.8 × P0.5 × T8	D4
M4 × 4 × P0.5 × T8	D4
M5 × 3.5 × P0.5 × T10	D6
M5 × 5 × P0.5 × T10	D6 D8 D10
M6 × 4 × P0.75 × T15	D12
M6 × 6 × P0.75 × T15	D12
M8 × 5 × P0.75 × L4	D16 D20
M4 × 2.8 × P0.5 × H2	D4
M5 × 4 × P0.5 × H2.5	D6 D8 D10
M6 × 4 × P0.75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

·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	
-200-A5	HSK100A	250	200	171	29	7	7	6	20	100	4	12	40	M4*2.8*0.5P*H2	5°	10	
-250-A5	HSK100A	300	250	221	29	7	7	6	20	100	4	12	49	M4*2.8*0.5P*H2	5°	10	
-300-A5	HSK100A	350	300	271	29	7	7	6	20	100	4	12	57.5	M4*2.8*0.5P*H2	5°	10	
- 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	
-200-A5	HSK100A	250	200	171	29	7	7	6	20	100	5	13	41	M4*2.8*0.5P*H2	5°	10	
-250-A5	HSK100A	300	250	221	29	7	7	6	20	100	5	13	50	M4*2.8*0.5P*H2	5°	10	
-300-A5	HSK100A	350	300	271	29	7	7	6	20	100	5	13	58.5	M4*2.8*0.5P*H2	5°	10	
- 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	
-200-A5	HSK100A	250	200	171	29	8	8	6	22	100	6	14	42	M5*4*0.5P*H2.5	5°	10	
-250-A5	HSK100A	300	250	221	29	8	8	6	22	100	6	14	51	M5*4*0.5P*H2.5	5°	10	
-300-A5	HSK100A	350	300	271	29	8	8	6	22	100	6	14	59.5	M5*4*0.5P*H2.5	5°	10	
- 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	
-200-A5	HSK100A	250	200	171	29	10	10	7	27	100	8	16	44	M5*4*0.5P*H2.5	5°	10	
-250-A5	HSK100A	300	250	221	29	10	10	7	27	100	8	16	53	M5*4*0.5P*H2.5	5°	10	
-300-A5	HSK100A	350	300	271	29	10	10	7	27	100	8	16	61.5	M5*4*0.5P*H2.5	5°	10	
-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	
-200-A5	HSK100A	250	200	171	29	10	10	10	35	100	10	18	46	M5*4*0.5P*H2.5	5°	10	
-250-A5	HSK100A	300	250	221	29	10	10	10	35	100	10	18	55	M5*4*0.5P*H2.5	5°	10	
-300-A5	HSK100A	350	300	271	29	10	10	10	35	100	10	18	63.5	M5*4*0.5P*H2.5	5°	10	
-SLD12-150-A5	HSK100A	200	150	121	29	10	10	10	45	100	12	22	41.5	M6*5*0.75P*H3	5°	10	
-200-A5	HSK100A	250	200	171	29	10	10	10	45	100	12	22	50	M6*5*0.75P*H3	5°	10	
-250-A5	HSK100A	300	250	221	29	10	10	10	45	100	12	22	59	M6*5*0.75P*H3	5°	10	
-300-A5	HSK100A	350	300	271	29	10	10	10	45	100	12	22	67.5	M6*5*0.75P*H3	5°	10	
-SLD16-150-A5	HSK100A	200	150	121	29	12	12	10	50	100	16	26	45.5	M8*5*0.75P*L4	5°	10	
-200-A5	HSK100A	250	200	171	29	12	12	10	50	100	16	26	54	M8*5*0.75P*L4	5°	10	
-250-A5	HSK100A	300	250	221	29	12	12	10	50	100	16	26	63	M8*5*0.75P*L4	5°	10	
-300-A5	HSK100A	350	300	271	29	12	12	10	50	100	16	26	71.5	M8*5*0.75P*L4	5°	10	
-SLD20-150-A5	HSK100A	200	150	121	29	12	12	10	55	100	20	30	49.5	M8*5*0.75P*L4	5°	10	
-200-A5	HSK100A	250	200	171	29	12	12	10	55	100	20	30	58	M8*5*0.75P*L4	5°	10	
-250-A5	HSK100A	300	250	221	29	12	12	10	55	100	20	30	67	M8*5*0.75P*L4	5°	10	
-300-A5	HSK100A	350	300	271	29	12	12	10	55	100	20	30	75.5	M8*5*0.75P*L4	5°	10	

规格说明:

HSK100A - SLD - 4 - 150 - A5

- A5 锥度
- 150 L1 长度 Length (L1)
- 4 接口锥度 Taper No. of cutter
- SLD 功能代号 Holder type
- HSK100A 锥柄形式 Taper size

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

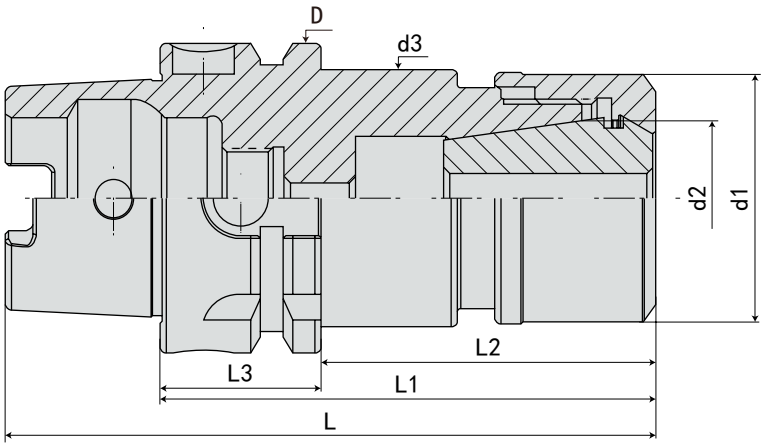
SLD 侧固式刀柄延长杆专用螺丝:

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

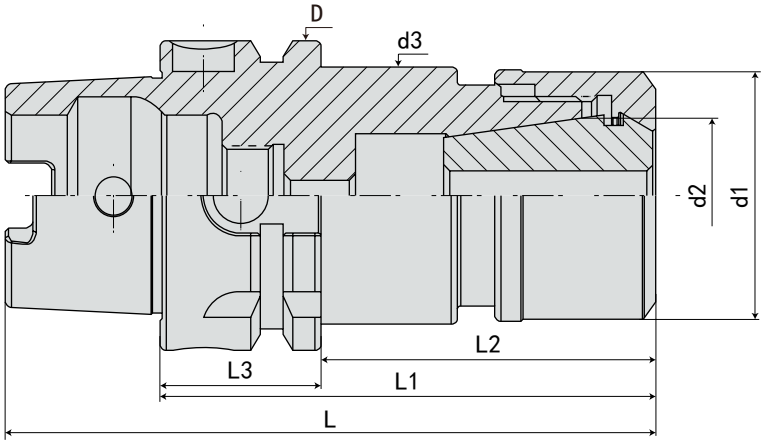




规 格 Model	柄部 Handle	L	L1	L2	L3	D	d1	d2	d3	T	重量 KGS
HSK32A-GER11-45	HSK32A	60	45	25	20	32	19.5	11	19	M8*1.0P	
-60	HSK32A	76	60	40	20	32	19.5	11	19	M8*1.0P	
-GER16-80	HSK32A	96	80	60	20	32	27.1	16	28	M10*1.0P	
-GER20-80	HSK32A	96	80	60	20	32	33	16	34	M13*1.0P	

·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	
-GER20-80	HSK40A	100	80	61	20	40	33	20	34	M13*1.0P	
-GER25-80	HSK40A	100	80	62	20	40	40	25	42	M18*1.5P	
-GER32-80	HSK40A	100	80	63	20	40	50	32	50	M22*1.5P	

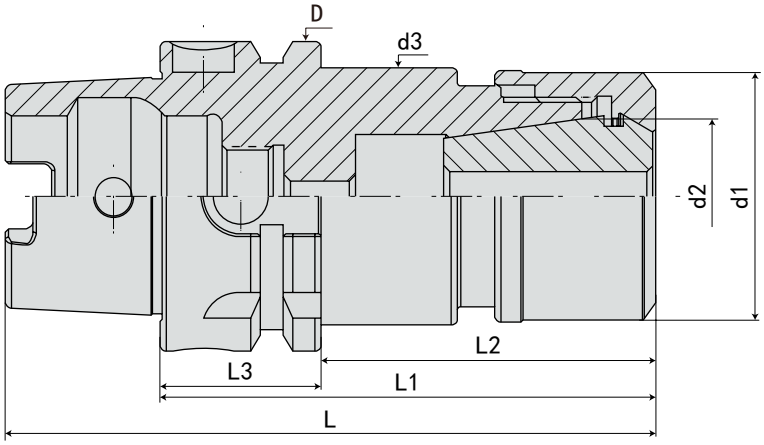
规格说明:

HSK32A - GER - 11 - 45

- 45 — L1 长度 Length (L1)
- 11 — 筒夹型号 Collect model
- GER — 筒夹种类 Collect type GER
- HSK32A — 锥柄形式 Taper size

·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
-100	HSK50A	125	100	74	26	50	27.1	16	28	M10*1.0P	
-GER20- 80	HSK50A	105	80	54	26	50	33	20	34	M13*1.0P	
-100	HSK50A	125	100	74	26	50	33	20	34	M13*1.0P	
-GER25- 80	HSK50A	105	80	54	26	50	40	25	42	M18*1.5P	
-100	HSK50A	125	100	74	26	50	40	25	42	M18*1.5P	
-GER32- 80	HSK50A	105	80	54	26	50	50	32	50	M22*1.5P	
-100	HSK50A	125	100	74	26	50	50	32	50	M22*1.5P	

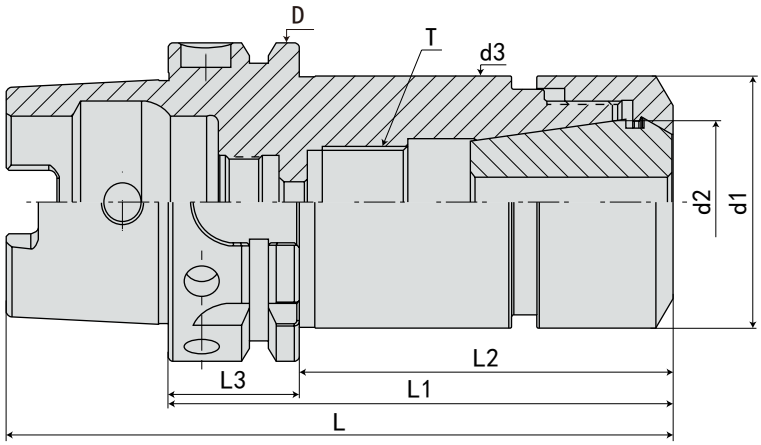
规格说明:

HSK50A - GER - 16 - 80

- 80 — L1 长度 Length (L1)
- 16 — 筒夹型号 Collect model
- GER — 筒夹种类 Collect type GER
- HSK50A — 锥柄形式 Taper size

·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
-100	HSK63A	132	100	74	26	63	30.5	16	30	M10*1.0P	1.1
-125	HSK63A	157	125	99	26	63	30.5	16	30	M10*1.0P	
-160	HSK63A	192	160	134	26	63	30.5	16	30	M10*1.0P	1.4
-200	HSK63A	232	200	174	26	63	30.5	16	30	M10*1.0P	
-GER20- 75	HSK63A	107	75	49	26	63	36	20	36	M13*1.0P	1
-100	HSK63A	132	100	74	26	63	36	20	36	M13*1.0P	1.2
-125	HSK63A	157	125	99	26	63	36	20	36	M13*1.0P	
-160	HSK63A	192	160	134	26	63	36	20	36	M13*1.0P	
-200	HSK63A	232	200	174	26	63	36	20	36	M13*1.0P	
-GER25- 75	HSK63A	107	75	49	26	63	41	25	41	M18*1.5P	
-100	HSK63A	132	100	74	26	63	41	25	41	M18*1.5P	
-125	HSK63A	157	125	99	26	63	41	25	41	M18*1.5P	
-160	HSK63A	192	160	134	26	63	41	25	41	M18*1.5P	
-200	HSK63A	232	200	174	26	63	41	25	41	M18*1.5P	
-GER32-100	HSK63A	132	100	74	26	63	50	32	50	M22*1.5P	
-125	HSK63A	157	125	99	26	63	50	32	50	M22*1.5P	
-160	HSK63A	192	160	134	26	63	50	32	50	M22*1.5P	
-200	HSK63A	232	200	174	26	63	50	32	50	M22*1.5P	

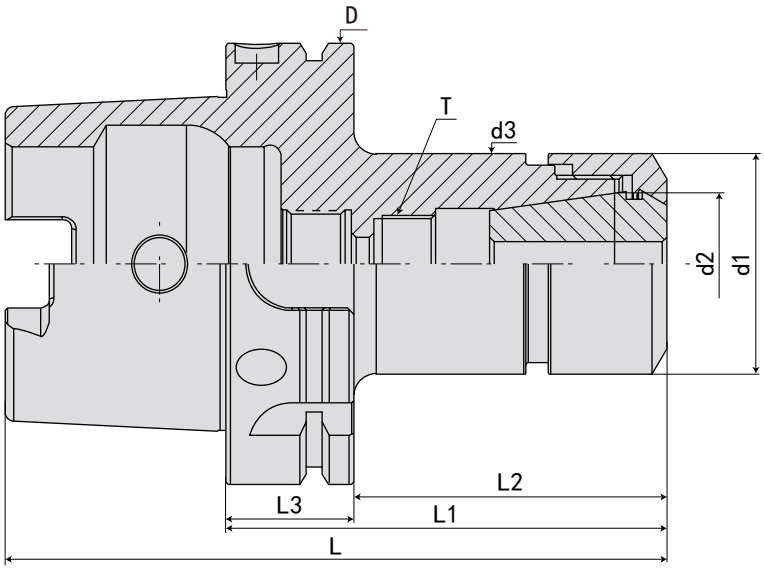
规格说明:

HSK63A - GER - 16 - 75

- 75 — L1 长度 Length (L1)
- 16 — 筒夹型号 Collect model
- GER — 筒夹种类 Collect type GER
- HSK63A — 锥柄形式 Taper size

·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	
-GER20-100	HSK80A	140	100	74	26	80	33	20	34	M13*1.0P	
-GER25-100	HSK80A	140	100	74	26	80	40	25	42	M18*1.5P	
-GER32-100	HSK80A	140	100	74	26	80	50	32	50	M22*1.5P	

规格说明:

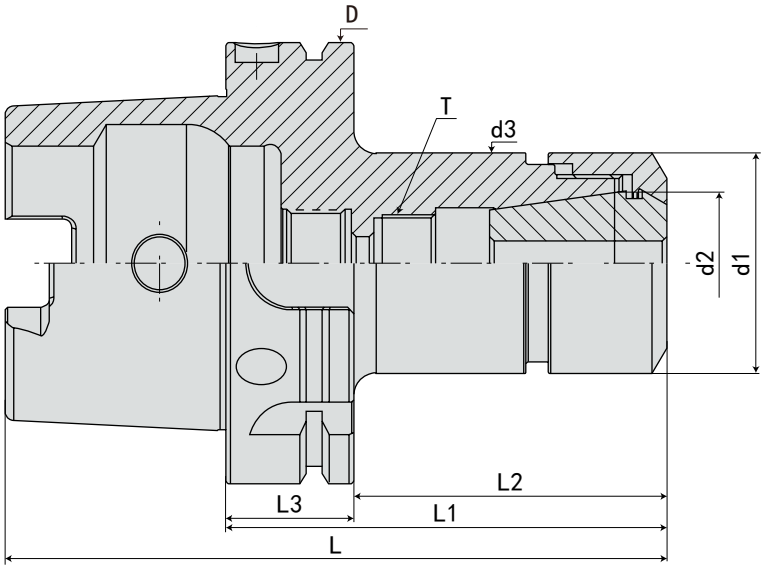
HSK80A - GER - 16 - 100

- 100 L1 长度 Length (L1)
- 16 筒夹型号 Collect model
- GER 筒夹种类 Collect type GER
- HSK80A 锥柄形式 Taper size

·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	
-125	HSK100A	175	125	96	29	100	30.5	16	30	M10*1.0P	
-160	HSK100A	210	160	131	29	100	30.5	16	30	M10*1.0P	
-200	HSK100A	250	200	171	29	100	30.5	16	30	M10*1.0P	
-GER20-100	HSK100A	150	100	71	29	100	36	20	36	M13*1.0P	
-125	HSK100A	175	125	96	29	100	36	20	36	M13*1.0P	
-160	HSK100A	210	160	131	29	100	36	20	36	M13*1.0P	
-200	HSK100A	250	200	171	29	100	36	20	36	M13*1.0P	
-GER25-100	HSK100A	150	100	71	29	100	41	25	41	M18*1.5P	
-125	HSK100A	175	125	96	29	100	41	25	41	M18*1.5P	
-160	HSK100A	210	160	131	29	100	41	25	41	M18*1.5P	
-200	HSK100A	250	200	171	29	100	41	25	41	M18*1.5P	
-GER32-100	HSK100A	150	100	71	29	100	50	32	50	M22*1.5P	
-125	HSK100A	175	125	96	29	100	50	32	50	M22*1.5P	
-160	HSK100A	210	160	131	29	100	50	32	50	M22*1.5P	
-200	HSK100A	250	200	171	29	100	50	32	50	M22*1.5P	

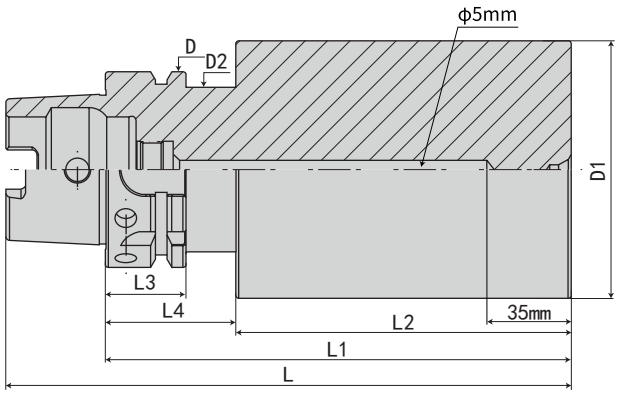
规格说明:

HSK100A - GER - 16 - 100

- 100 — L1 长度 Length (L1)
- 16 — 筒夹型号 Collect model
- GER — 筒夹种类 Collect type GER
- HSK100A — 锥柄形式 Taper size

·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	
-160	HSK50A	185	160	118	26	42	50	53	42	
-210	HSK50A	235	210	168	26	42	50	53	42	
-250	HSK50A	275	250	208	26	42	50	53	42	
- D63-120	HSK50A	145	120	78	26	42	50	63	42	
-160	HSK50A	185	160	118	26	42	50	63	42	
-210	HSK50A	235	210	168	26	42	50	63	42	
-250	HSK50A	275	250	208	26	42	50	63	42	
- D83-125	HSK50A	150	125	83	26	42	50	83	42	
-150	HSK50A	175	150	108	26	42	50	83	42	
-175	HSK50A	200	175	133	26	42	50	83	42	
-200	HSK50A	225	200	158	26	42	50	83	42	
-D102-125	HSK50A	150	125	83	26	42	50	102	42	
-150	HSK50A	175	150	108	26	42	50	102	42	
-D125-125	HSK50A	150	125	83	26	42	50	125	42	

规格说明:

HSK50A - D - 53 - 120

- 120 L1 长度 Length (L1)
- 53 刀杆直径 Diameter
- D 功能代号 Holder type
- HSK50A 锥柄形式 Taper size

·HSK63A- 基础柄刀柄 HSK63A BASIC SHANK





FIG. 1

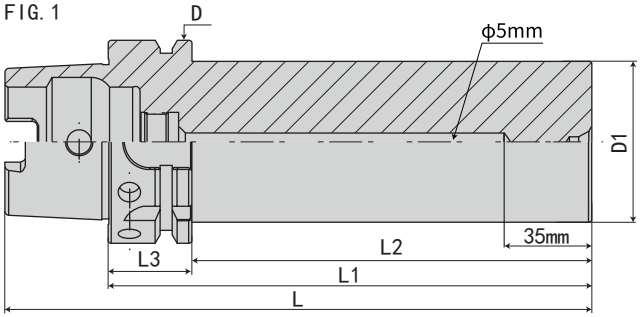
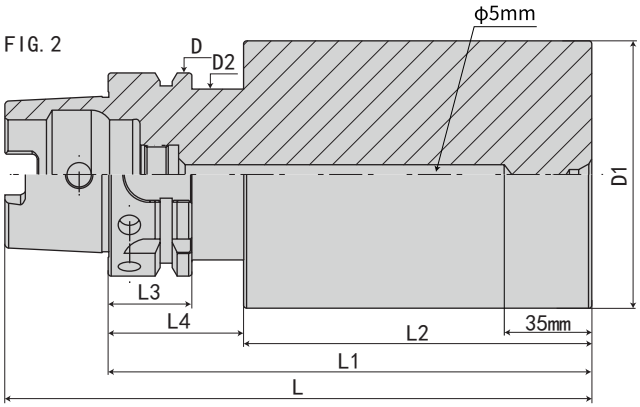


FIG. 2

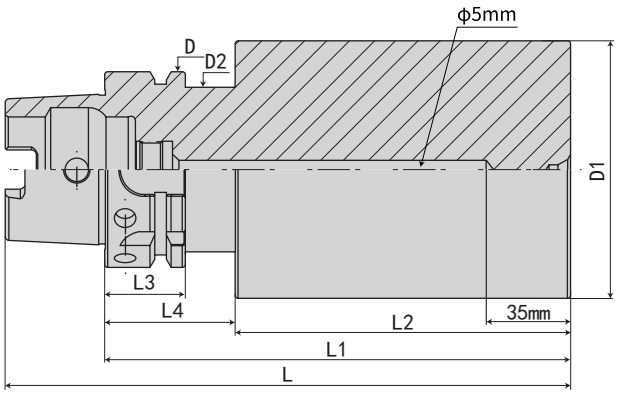


- 锥柄硬度 HRC50-53
- Taper shank hardnessHRC50-53
- 前端硬度 HRC40-45
- Front end hardness HRC40-45

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	
-125	HSK63A	157	125	99	26	-	63	50	-	1	
-150	HSK63A	182	150	124	26	-	63	50	-	1	
-175	HSK63A	207	175	149	26	-	63	50	-	1	
-200	HSK63A	232	200	174	26	-	63	50	-	1	
-225	HSK63A	257	225	199	26	-	63	50	-	1	
-250	HSK63A	282	250	224	26	-	63	50	-	1	
-275	HSK63A	307	275	249	26	-	63	50	-	1	
-300	HSK63A	332	300	274	26	-	63	50	-	1	
-D63-100	HSK63A	132	100	58	26	42	63	63	53	2	
-125	HSK63A	157	125	83	26	42	63	63	53	2	
-150	HSK63A	182	150	108	26	42	63	63	53	2	
-175	HSK63A	207	175	133	26	42	63	63	53	2	
-200	HSK63A	232	200	158	26	42	63	63	53	2	
-225	HSK63A	257	225	183	26	42	63	63	53	2	
-250	HSK63A	282	250	208	26	42	63	63	53	2	
-275	HSK63A	307	275	233	26	42	63	63	53	2	
-300	HSK63A	332	300	258	26	42	63	63	53	2	
-330	HSK63A	362	330	288	26	42	63	63	53	2	
-360	HSK63A	392	360	318	26	42	63	63	53	2	
-400	HSK63A	432	400	358	26	42	63	63	53	2	
-D83-100	HSK63A	132	100	58	26	42	63	83	53	2	
-125	HSK63A	157	125	83	26	42	63	83	53	2	
-150	HSK63A	182	150	108	26	42	63	83	53	2	
-175	HSK63A	207	175	133	26	42	63	83	53	2	
-200	HSK63A	232	200	158	26	42	63	83	53	2	
-225	HSK63A	257	225	183	26	42	63	83	53	2	
-250	HSK63A	282	250	208	26	42	63	83	53	2	
-275	HSK63A	307	275	233	26	42	63	83	53	2	
-300	HSK63A	332	300	258	26	42	63	83	53	2	
-330	HSK63A	362	330	288	26	42	63	83	53	2	

·HSK63A- 基础柄刀柄　HSK63A 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
HSK63A-D102-100	HSK63A	132	100	58	26	42	63	102	53	
-125	HSK63A	157	125	83	26	42	63	102	53	
-150	HSK63A	182	150	108	26	42	63	102	53	
-175	HSK63A	207	175	133	26	42	63	102	53	
-200	HSK63A	232	200	158	26	42	63	102	53	
-225	HSK63A	257	225	183	26	42	63	102	53	
-250	HSK63A	282	250	208	26	42	63	102	53	
-275	HSK63A	307	275	233	26	42	63	102	53	
-300	HSK63A	332	300	258	26	42	63	102	53	
-D127-100	HSK63A	132	100	58	26	42	63	127	53	
-125	HSK63A	157	125	83	26	42	63	127	53	
-150	HSK63A	182	150	108	26	42	63	127	53	
-175	HSK63A	207	175	133	26	42	63	127	53	
-200	HSK63A	232	200	158	26	42	63	127	53	
-225	HSK63A	257	225	183	26	42	63	127	53	
-250	HSK63A	282	250	208	26	42	63	127	53	
-D157-100	HSK63A	132	100	58	26	42	63	157	53	
-125	HSK63A	157	125	83	26	42	63	157	53	
-150	HSK63A	182	150	108	26	42	63	157	53	
-175	HSK63A	207	175	133	26	42	63	157	53	
-200	HSK63A	232	200	158	26	42	63	157	53	
-225	HSK63A	257	225	183	26	42	63	157	53	

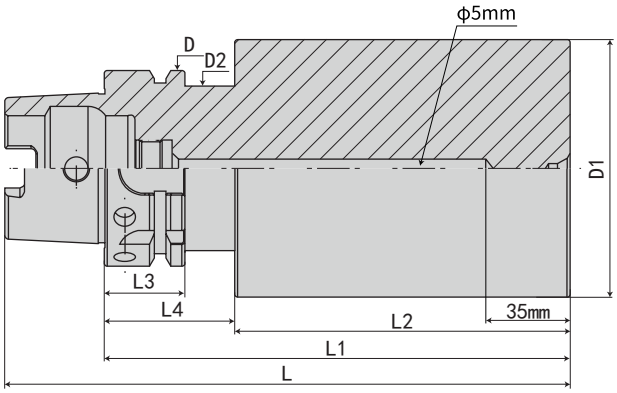
规格说明:

HSK63A - D - 102 - 100

- 100 — L1 长度 Length (L1)
- 102 — 刀杆直径 Diameter
- D — 功能代号 Holder type
- HSK63A — 锥柄形式 Taper size

·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	
-200	HSK80A	240	200	158	26	42	80	80	67	
-250	HSK80A	290	250	208	26	42	80	80	67	
-D102-250	HSK80A	290	250	208	26	42	80	102	67	

规格说明:

HSK80A - D - 80 - 150

- 150 L1 长度 Length (L1)
- 80 刀杆直径 Diameter
- D 功能代号 Holder type
- HSK80A 锥柄形式 Taper size

·HSK100A- 基础柄刀柄　HSK100A BASIC SHANK



FIG. 1

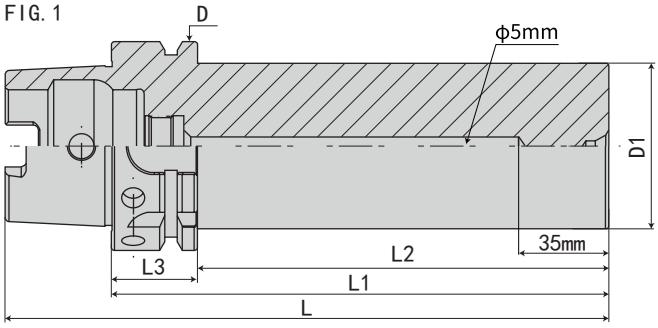
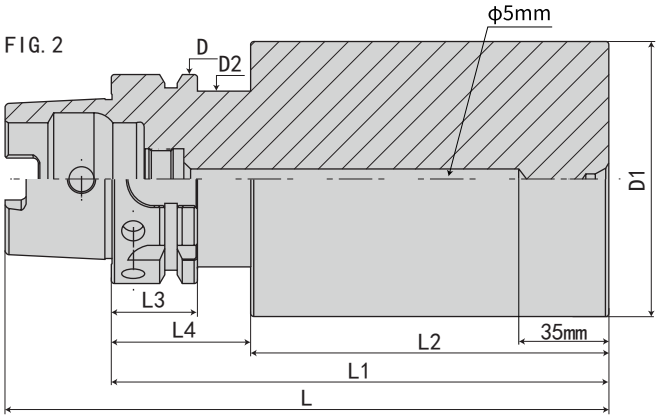




FIG. 2



- 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	
-125	HSK100A	175	125	96	29	-	100	80	-	1	
-150	HSK100A	200	150	121	29	-	100	80	-	1	
-175	HSK100A	225	175	146	29	-	100	80	-	1	
-200	HSK100A	250	200	171	29	-	100	80	-	1	
-225	HSK100A	275	225	196	29	-	100	80	-	1	
-250	HSK100A	300	250	221	29	-	100	80	-	1	
-275	HSK100A	325	275	246	29	-	100	80	-	1	
-300	HSK100A	350	300	271	29	-	100	80	-	1	
-330	HSK100A	380	330	301	29	-	100	80	-	1	
-D102-100	HSK100A	150	100	55	29	45	100	102	88	2	
-125	HSK100A	175	125	80	29	45	100	102	88	2	
-150	HSK100A	200	150	105	29	45	100	102	88	2	
-175	HSK100A	225	175	130	29	45	100	102	88	2	
-200	HSK100A	250	200	155	29	45	100	102	88	2	
-225	HSK100A	275	225	180	29	45	100	102	88	2	
-250	HSK100A	300	250	205	29	45	100	102	88	2	
-275	HSK100A	325	275	230	29	45	100	102	88	2	
-300	HSK100A	350	300	255	29	45	100	102	88	2	
-330	HSK100A	380	330	285	29	45	100	102	88	2	
-350	HSK100A	400	350	305	29	45	100	102	88	2	
-400	HSK100A	450	400	355	29	45	100	102	88	2	

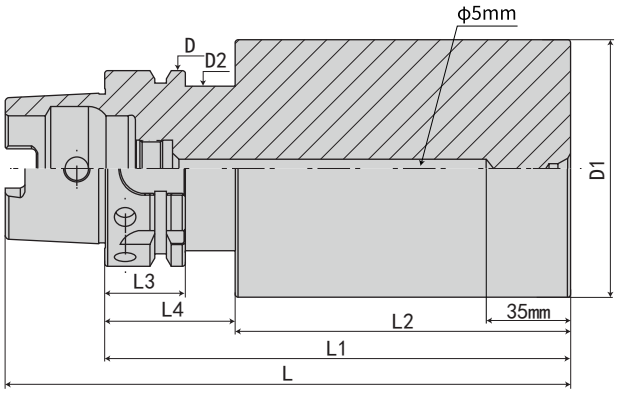
规格说明:

HSK100A - D - 80 - 100

- 100 L1 长度 Length (L1)
- 80 刀杆直径 Diameter
- D 功能代号 Holder type
- HSK100A 锥柄形式 Taper size

·HSK100A- 基础柄刀柄 HSK100A 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
HSK100A-D127-100	HSK100A	150	100	55	29	45	100	127	88	
-125	HSK100A	175	125	80	29	45	100	127	88	
-150	HSK100A	200	150	105	29	45	100	127	88	
-175	HSK100A	225	175	130	29	45	100	127	88	
-200	HSK100A	250	200	155	29	45	100	127	88	
-225	HSK100A	275	225	180	29	45	100	127	88	
-250	HSK100A	300	250	205	29	45	100	127	88	
-275	HSK100A	325	275	230	29	45	100	127	88	
-300	HSK100A	350	300	255	29	45	100	127	88	
-350	HSK100A	400	350	305	29	45	100	127	88	
-D157-100	HSK100A	150	100	55	29	45	100	157	88	
-125	HSK100A	175	125	80	29	45	100	157	88	
-150	HSK100A	200	150	105	29	45	100	157	88	
-175	HSK100A	225	175	130	29	45	100	157	88	
-200	HSK100A	250	200	155	29	45	100	157	88	
-225	HSK100A	275	225	180	29	45	100	157	88	
-250	HSK100A	300	250	205	29	45	100	157	88	
-275	HSK100A	325	275	230	29	45	100	157	88	
-300	HSK100A	350	300	255	29	45	100	157	88	

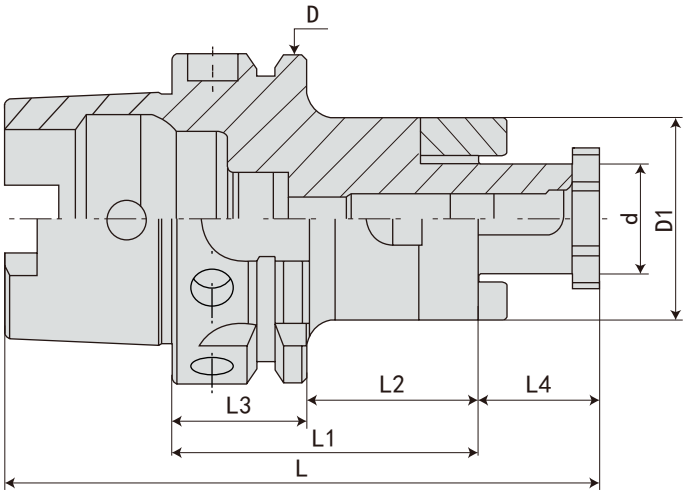
规格说明:

HSK100A - D - 127 - 100

- 100 L1 长度 Length (L1)
- 127 刀杆直径 Diameter
- D 功能代号 Holder type
- HSK100A 锥柄形式 Taper size

·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	
-SEMC22-55	HSK32A	71	55	35	20	19	32	40	22	
-SEMC27-65	HSK32A	81	65	45	20	21	32	48	27	
-SEMC32-65	HSK32A	81	65	45	20	24	32	58	32	
HSK40A-SEMC16-50	HSK40A	70	50	30	20	17	40	32	16	
-SEMC22-50	HSK40A	70	50	30	20	19	40	40	22	
-SEMC27-65	HSK40A	85	65	45	20	21	40	48	27	
-SEMC32-65	HSK40A	85	65	45	20	24	40	58	32	
HSK50A-SEMC16-50	HSK50A	75	50	24	26	17	50	32	16	
-SEMC22-50	HSK50A	75	50	24	26	19	50	40	22	
-SEMC27-65	HSK50A	90	65	39	26	21	50	48	27	
-SEMC32-65	HSK50A	90	65	39	26	24	50	58	32	
HSK63A-SEMC16- 60	HSK63A	92	60	34	26	17	63	32	16	
-100	HSK63A	132	100	74	26	17	63	32	16	
-SEMC22- 60	HSK63A	92	60	34	26	19	63	40	22	
-100	HSK63A	132	100	74	26	19	63	40	22	
-SEMC27- 60	HSK63A	92	60	34	26	21	63	48	27	
-100	HSK63A	132	100	74	26	21	63	48	27	
-SEMC32- 60	HSK63A	92	60	34	26	24	63	58	32	
-100	HSK63A	132	100	74	26	24	63	58	32	
-SEMC40- 70	HSK63A	102	70	44	26	27	63	70	40	
-100	HSK63A	132	100	74	26	27	63	70	40	

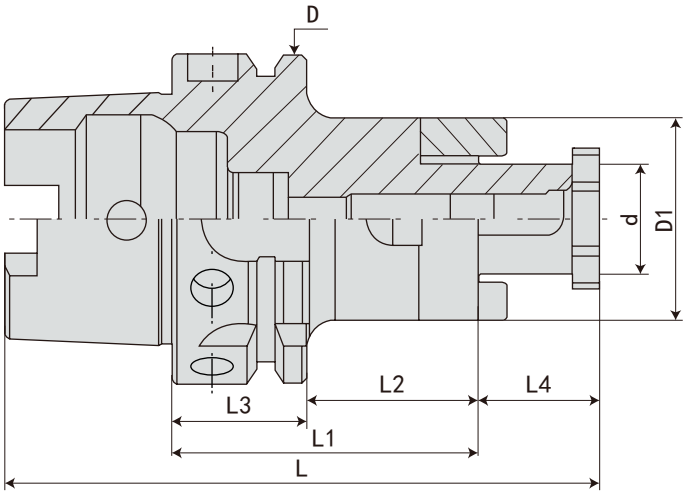
规格说明:

HSK32A - SEMC - 16 - 55

- 55 — L1 长度 Length (L1)
- 16 — 筒夹型号 Collect model
- SEMC — 功能代号 Holder type
- HSK32A — 锥柄形式 Taper size

·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
HSK80A-SEMC16- 60	HSK80A	100	60	34	26	17	80	32	16	
-SEMC22- 60	HSK80A	100	60	34	26	19	80	40	22	
-SEMC27- 60	HSK80A	100	60	34	26	21	80	48	27	
-SEMC32- 60	HSK80A	100	60	34	26	24	80	58	32	
-SEMC40- 70	HSK80A	110	70	44	26	27	80	70	40	
HSK100A-SEMC16- 60	HSK100A	110	60	31	29	17	100	32	16	
-100	HSK100A	150	100	71	29	17	100	32	16	
-SEMC22- 60	HSK100A	110	60	31	29	19	100	40	22	
-100	HSK100A	150	100	71	29	19	100	40	22	
-SEMC27- 60	HSK100A	110	60	31	29	21	100	48	27	
-100	HSK100A	150	100	71	29	22	100	49	28	
-SEMC32- 60	HSK100A	110	60	31	29	24	100	58	32	
-100	HSK100A	150	100	71	29	24	100	58	32	
-SEMC40- 70	HSK100A	120	70	41	29	27	100	70	40	
-100	HSK100A	150	100	71	29	27	100	70	40	

规格说明:

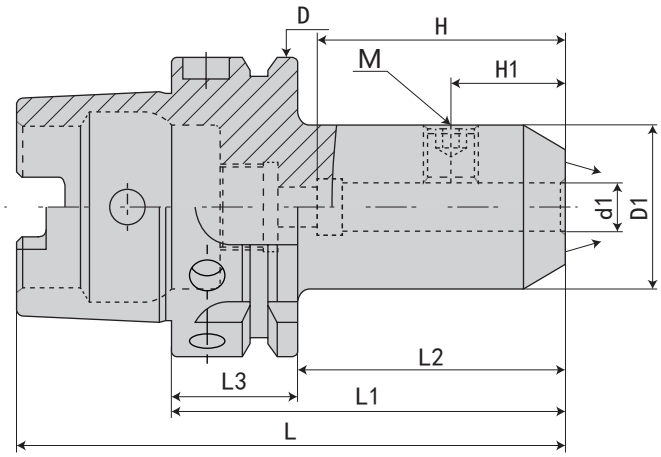
HSK80A - SEMC - 16 - 60

- 60 — L1 长度 Length (L1)
- 16 — 筒夹型号 Collect model
- SEMC — 功能代号 Holder type
- HSK80A — 锥柄形式 Taper size

·HSK40/50A-EMH 喷射型侧固式刀柄

HSK40/50A-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
- EMH8C-60	HSK40A	80	60	40	20	40	28	8	35	18	M8*1.25P	0.3
-EMH10C-60	HSK40A	80	60	40	20	40	35	10	35.5	20	M10*1.5P	0.3
-EMH12C-70	HSK40A	90	70	50	20	40	42	12	36	22.5	M12*1.75P	0.4
-EMH14C-70	HSK40A	90	70	50	20	40	44	14	36	22.5	M12*1.75P	0.4
-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
- EMH8C-65	HSK50A	90	65	39	26	50	28	8	35	18	M8*1.25P	0.8
-EMH10C-65	HSK50A	90	65	39	26	50	35	10	35.5	20	M10*1.5P	0.8
-EMH12C-80	HSK50A	105	80	54	26	50	42	12	36	22.5	M12*1.75P	1.2
-EMH14C-80	HSK50A	105	80	54	26	50	44	14	36	22.5	M12*1.75P	1.3
-EMH16C-80	HSK50A	105	80	54	26	50	48	16	46	24	M14	1.3
-EMH18C-80	HSK50A	105	80	54	26	50	50	18	46	24	M14	1.4
-EMH20C-80	HSK50A	105	80	54	26	50	52	20	48	25	M16*2.0P	1.5

规格说明:

HSK40A - EMH - 6C - 60

- HSK40A：锥柄形式 Taper size
- EMH：功能代号 Holder type
- 6C：筒夹型号 Collect model
- 60：L1 长度 Length (L1)

·HSK63/100A-EMH 喷射型侧固式刀柄

HSK63/100A-EMH SPRAY NOZZLE TYPE END MILL HOLDER



FIG. 1

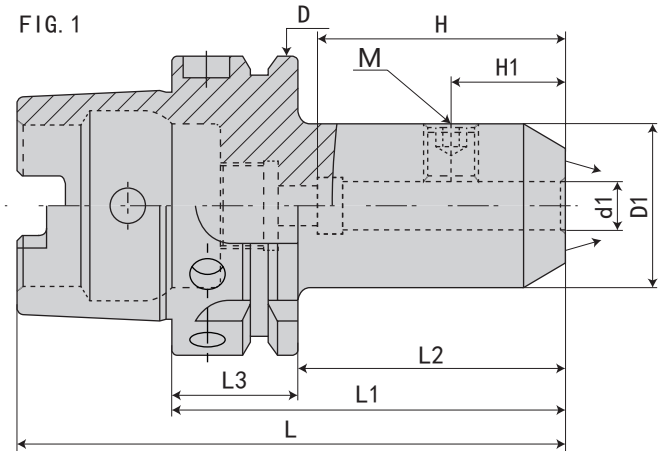
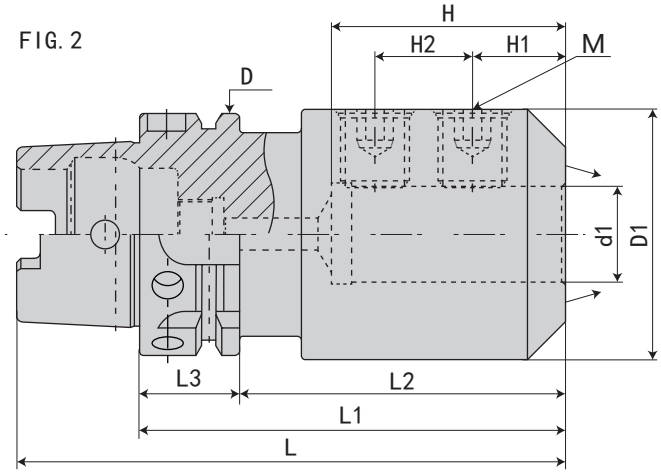




FIG. 2



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
- EMH8C- 65	HSK63A	97	65	39	26	63	28	8	35	18	1	M8*1.25P	0.8
-EMH10C- 65	HSK63A	97	65	39	26	63	35	10	35.5	20	1	M10*1.5P	0.9
-EMH12C- 80	HSK63A	112	80	54	26	63	42	12	36	22.5	1	M12*1.75P	1.1
-EMH14C- 80	HSK63A	112	80	54	26	63	44	14	36	22.5	1	M12*1.75P	1.2
-EMH16C- 80	HSK63A	112	80	54	26	63	48	16	46	24	1	M14*2.0P	1.3
-EMH18C- 80	HSK63A	112	80	54	26	63	50	18	46	24	1	M14*2.0P	1.4
-EMH20C- 80	HSK63A	112	80	54	26	63	52	20	48	25	1	M16*2.0P	1.5
-EMH25C-110	HSK63A	142	110	84	26	63	65	25	55	25	2	M18*2.5P	2.3
-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
- EMH8C- 80	HSK100A	130	80	51	29	100	28	8	35	18	1	M8*1.25P	2.2
-EMH10C- 80	HSK100A	130	80	51	29	100	35	10	35.5	20	1	M10*1.5P	2.35
-EMH12C- 80	HSK100A	130	80	51	29	100	42	12	36	22.5	1	M12*1.75P	2.45
-EMH14C- 80	HSK100A	130	80	51	29	100	44	14	36	22.5	1	M12*1.75P	2.65
-EMH16C-100	HSK100A	150	100	71	29	100	48	16	46	24	1	M14*2.0P	2.85
-EMH18C-100	HSK100A	150	100	71	29	100	50	18	46	24	1	M14*2.0P	2.9
-EMH20C-100	HSK100A	150	100	71	29	100	52	20	48	25	1	M16*2.0P	2.95
-EMH25C-100	HSK100A	150	100	71	29	100	65	25	55	25	2	M18*2.5P	3.45
-EMH32C-100	HSK100A	150	100	71	29	100	72	32	57	28	2	M20*2.5P	3.65
-EMH40C-120	HSK100A	170	120	91	29	100	90	40	68	32	2	M20*2.5P	5.5

规格说明:

HSK63A - EMH - 6C - 65

- 65 — L1 长度 Length (L1)
- 6C — 筒夹型号 Collect model
- EMH — 功能代号 Holder type
- HSK63A — 锥柄形式 Taper size

·HSK63A-DC 后拉式刀柄

HSK63A-DC BACK LOCKING COLLET HOLDER



FIG. 1

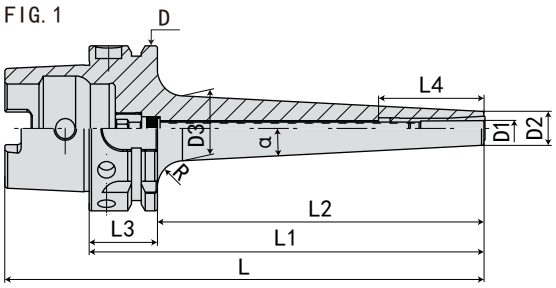
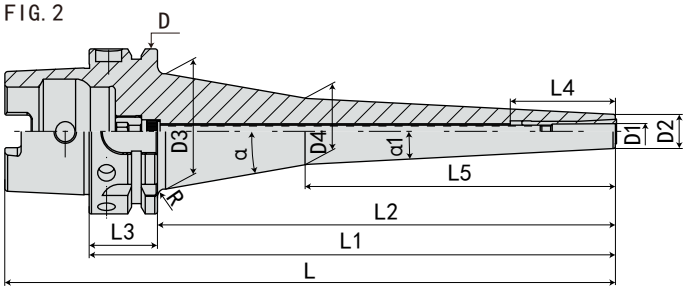


FIG. 2



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	
-120	HSK63A	152	120	94	26			63		13	22		3°		10	2	2-6mm	
-150	HSK63A	182	150	124	26			63		13	25		3°		10	2	2-6mm	
-200	HSK63A	232	200	174	26			63										
- DC8-100	HSK63A	132	100	74	26			63		15	22		3°		10	2		
-120	HSK63A	152	120	94	26			63		15	24		3°		10	2		
-150	HSK63A	182	150	124	26			63		15	27		3°		10	2		
-200	HSK63A	232	200	174	26			63										
-DC10-100	HSK63A	132	100	74	26			63		22	29		3°		10	2		
-120	HSK63A	152	120	94	26			63		22	31		3°		10	2		
-150	HSK63A	182	150	124	26			63		22	34		3°		10	2		
-200	HSK63A	232	200	174	26			63										
-DC12-100	HSK63A	132	100	74	26			63		30	36.5		3°		10	2		
-120	HSK63A	152	120	94	26			63		30	39		3°		10	2		
-150	HSK63A	182	150	124	26			63		30	42		3°		10	2		
-200	HSK63A	232	200	174	26			63										

规格说明:

HSK63A - DC - 6 - 100

- HSK63A：锥柄形式 Taper size
- DC：功能代号 Holder type
- 6：夹持范围 Collect model
- 100：L1 长度 Length (L1)

·HSK100A-DC 后拉式刀柄

HSK100A-DC BACK LOCKING COLLET HOLDER



FIG. 1

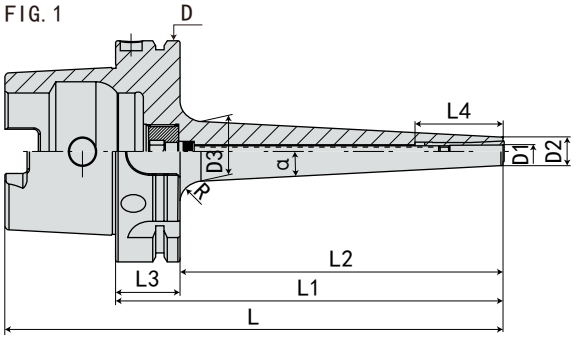
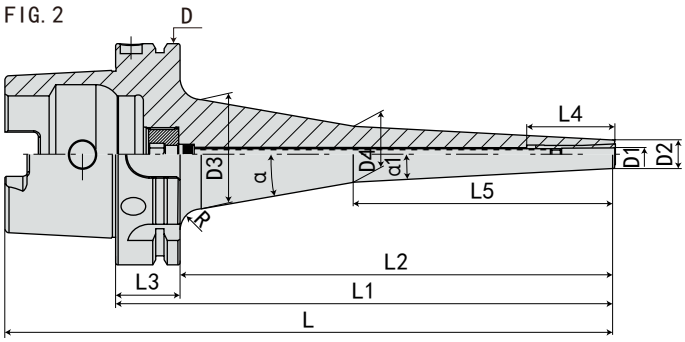


FIG. 2



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		
-150	HSK100A	200	150	121	29			100		13	24.5		3°		10	2		
-200	HSK100A	250	200	171	29			100										
- DC8-115	HSK100A	165	115	86	29			100		15	23		3°		10	2		
-150	HSK100A	200	150	121	29			100		15	26.5		3°		10	2		
-200	HSK100A	250	200	171	29			100										
-DC10-115	HSK100A	165	115	86	29			100		22	30		3°		10	2		
-150	HSK100A	200	150	121	29			100		22	33.5		3°		10	2		
-200	HSK100A	250	200	171	29			100										
-DC12-120	HSK100A	170	120	91	29			100		30	38.5		3°		10	2		
-150	HSK100A	200	150	121	29			100		30	41.5		3°		10	2		
-200	HSK100A	250	200	171	29			100										

规格说明:

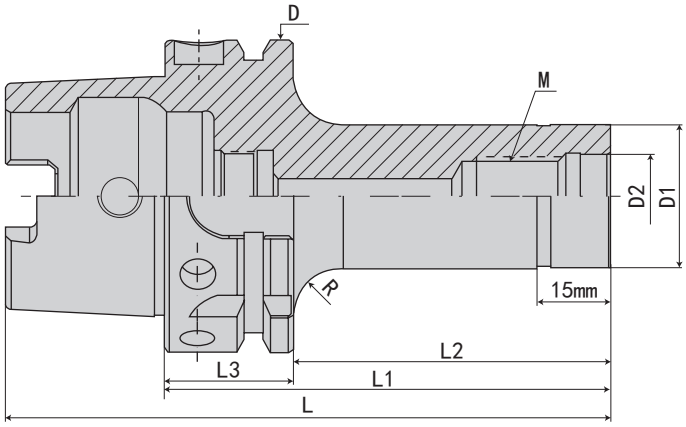
HSK100A - DC - 6 - 115

- 115 — L1 长度 Length (L1)
- 6 — 夹持范围 Collect model
- DC — 功能代号 Holder type
- HSK100A — 锥柄形式 Taper size

·HSK50A-M 锁牙式刀柄（直柄）

HSK50A-M THERADED CHUCK





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	
-90	HSK50A	115	90	64	26	50	15.4	8.5	M8*1.25P	5	
-M10-60	HSK50A	85	60	34	26	50	19	10.5	M10*1.5P	5	
-90	HSK50A	115	90	64	26	50	19	10.5	M10*1.5P	5	
-M12-60	HSK50A	85	60	34	26	50	24	12.5	M12*1.75P	5	
-90	HSK50A	115	90	64	26	50	24	12.5	M12*1.75P	5	
-M16-60	HSK50A	85	60	34	26	50	29	17	M16*2.0P	5	
-90	HSK50A	115	90	64	26	50	29	17	M16*2.0P	5	

规格说明:

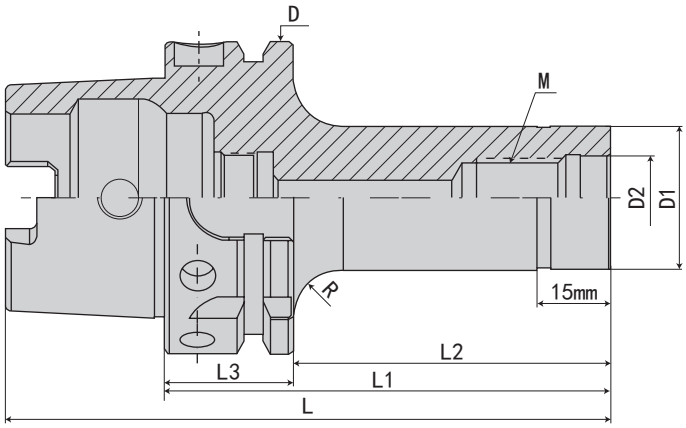
HSK50A - M - 08 - 60

- HSK50A：锥柄形式 Taper size
- M：功能代号 Holder type
- 08：接口大小 Collect model
- 60：L1 长度 Length (L1)

·HSK63A-M 锁牙式刀柄（直柄）

HSK63A-M THERADED CHUCK





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	
- 90	HSK63A	122	90	64	26	63	15.4	8.5	M8*1.25P	10	
-110	HSK63A	142	110	84	26	63	15.4	8.5	M8*1.25P	10	
-M10- 60	HSK63A	92	60	34	26	63	19	10.5	M10*1.5P	10	
- 90	HSK63A	122	90	64	26	63	19	10.5	M10*1.5P	10	
-110	HSK63A	142	110	84	26	63	19	10.5	M10*1.5P	10	
-M12- 60	HSK63A	92	60	34	26	63	24	12.5	M12*1.75P	10	
- 90	HSK63A	122	90	64	26	63	24	12.5	M12*1.75P	10	
-110	HSK63A	142	110	84	26	63	24	12.5	M12*1.75P	10	
-M16- 60	HSK63A	92	60	34	26	63	29	17	M16*2.0P	10	
- 90	HSK63A	122	90	64	26	63	29	17	M16*2.0P	10	
-110	HSK63A	142	110	84	26	63	29	17	M16*2.0P	10	1.2

规格说明:

HSK63A - M - 08 - 60

- 60 — L1 长度 Length (L1)
- 08 — 接口大小 Collect model
- M — 功能代号 Holder type
- HSK63A — 锥柄形式 Taper size

·HSK100A-M 锁牙式刀柄（直柄）

HSK100A-M THERADED CHUCK





FIG. 1

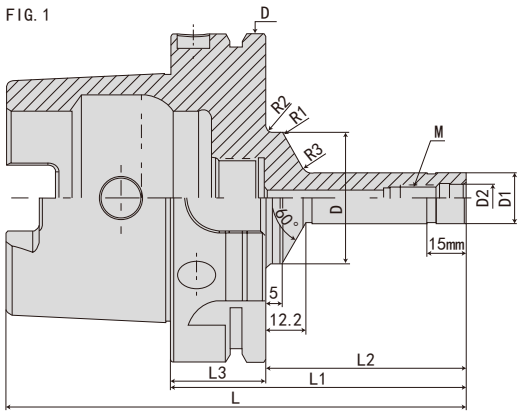
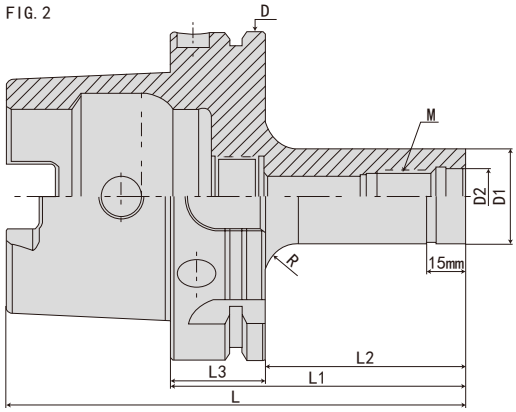


FIG. 2



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
- 90	HSK100A	140	90	61	29	100	15.4	8.5	M8*1.25P	10	1	2.4
-110	HSK100A	160	110	81	29	100	15.4	8.5	M8*1.25P	10	1	2.5
-M10- 75	HSK100A	125	75	46	29	100	19	10.5	M10*1.5P	10	1	2.4
- 90	HSK100A	140	90	61	29	100	19	10.5	M10*1.5P	10	1	2.5
-110	HSK100A	160	110	81	29	100	19	10.5	M10*1.5P	10	1	2.5
-M12- 75	HSK100A	125	75	46	29	100	24	12.5	M12*1.75P	10	1	2.3
- 90	HSK100A	140	90	61	29	100	24	12.5	M12*1.75P	10	1	2.6
-110	HSK100A	160	110	81	29	100	24	12.5	M12*1.75P	10	1	2.6
-M16- 75	HSK100A	125	75	46	29	100	29	17	M16*2.0P	10	2	2.3
- 90	HSK100A	140	90	61	29	100	29	17	M16*2.0P	10	2	2.4
-110	HSK100A	160	110	81	29	100	29	17	M16*2.0P	10	2	2.5

规格说明:

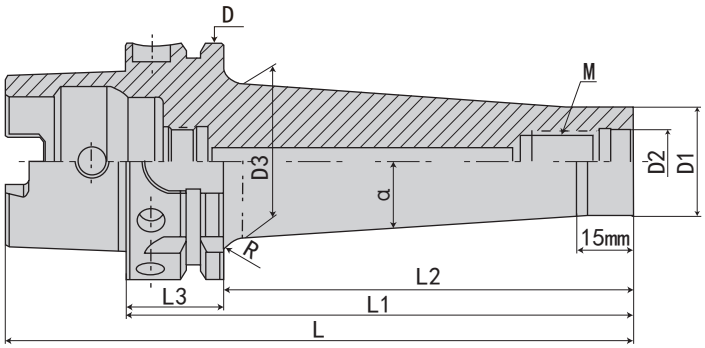
HSK100A - M - 08 - 75

- 75 — L1 长度 Length (L1)
- 08 — 接口大小 Collect model
- M — 功能代号 Holder type
- HSK100A — 锥柄形式 Taper size

·HSK50A-M 锁牙式刀柄（斜柄）

HSK50A-M THERADED CHUCK





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	
-90-A5	HSK50A	115	90	64	26	50	15.4	8.5	23.5	M8*1.25P	5°	5	
-M10-60-A4	HSK50A	85	60	34	26	50	19	10.5	21.5	M10*1.5P	4°	5	
-90-A4	HSK50A	115	90	64	26	50	19	10.5	25.5	M10*1.5P	4°	5	
-M12-60-A4	HSK50A	85	60	34	26	50	24	12.5	26.5	M12*1.75P	4°	5	
-90-A4	HSK50A	115	90	64	26	50	24	12.5	31	M12*1.75P	4°	3	
-M16-60-A4	HSK50A	85	60	34	26	50	29	17	31.5	M16*2.0P	4°	3	
-90-A4	HSK50A	115	90	64	26	50	29	17	36	M16*2.0P	4°	3	

规格说明:

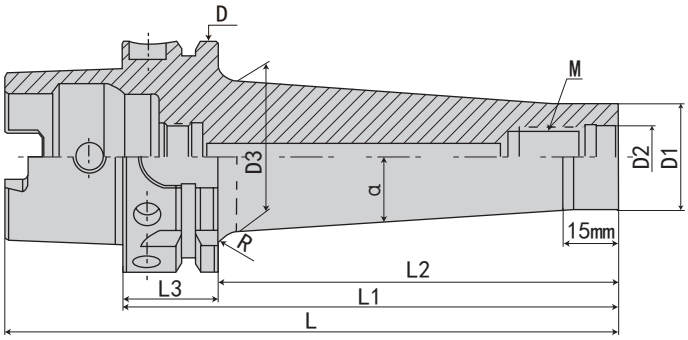
HSK50A - M - 08 - 60 - A5

- A5 单边锥度 Unilateral taper
- 60 L1 长度 Length (L1)
- 08 接口大小 Interface size
- M 功能代号 Holder type
- HSK50A 锥柄形式 Taper size

·HSK63A-M 锁牙式刀柄（斜柄）

HSK63A-M THERADED CHUCK





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	
- 90-A5	HSK63A	122	90	64	26	63	15.4	8.5	23	M8*1.25P	5°	5	
-110-A5	HSK63A	142	110	84	26	63	15.4	8.5	26.5	M8*1.25P	5°	5	
-150-A5	HSK63A	182	150	124	26	63	15.4	8.5	33.5	M8*1.25P	5°	5	
-200-A5	HSK63A	232	200	174	26	63	15.4	8.5	42.5	M8*1.25P	5°	5	
-M10- 60-A4	HSK63A	92	60	34	26	63	19	10.5	21	M10*1.5P	4°	5	
- 90-A4	HSK63A	122	90	64	26	63	19	10.5	25	M10*1.5P	4°	5	
-110-A4	HSK63A	142	110	84	26	63	19	10.5	28	M10*1.5P	4°	5	
-150-A4	HSK63A	182	150	124	26	63	19	10.5	33.5	M10*1.5P	4°	5	
-200-A4	HSK63A	232	200	174	26	63	19	10.5	40.5	M10*1.5P	4°	5	1.6
-M12- 60-A4	HSK63A	92	60	34	26	63	24	12.5	26	M12*1.75P	4°	5	
- 90-A4	HSK63A	122	90	64	26	63	24	12.5	30	M12*1.75P	4°	5	
-110-A4	HSK63A	142	110	84	26	63	24	12.5	33	M12*1.75P	4°	5	
-135-A4	HSK63A	167	135	109	26	63	24	12.5	36.5	M12*1.75P	4°	5	
-150-A4	HSK63A	182	150	124	26	63	24	12.5	38.5	M12*1.75P	4°	5	
-200-A4	HSK63A	232	200	174	26	63	24	12.5	45.5	M12*1.75P	4°	5	
-M16- 60-A4	HSK63A	92	60	34	26	63	29	17	31	M16*2.0P	4°	5	
- 90-A4	HSK63A	122	90	64	26	63	29	17	35	M16*2.0P	4°	5	
-110-A4	HSK63A	142	110	84	26	63	29	17	38	M16*2.0P	4°	5	1.2
-135-A4	HSK63A	167	135	109	26	63	29	17	41.5	M16*2.0P	4°	5	
-150-A4	HSK63A	182	150	124	26	63	29	17	43.5	M16*2.0P	4°	5	
-200-A4	HSK63A	232	200	174	26	63	29	17	50.5	M16*2.0P	4°	5	2.3

规格说明:

HSK63A - M - 08 - 60 - A5

- A5 单边锥度 Unilateral taper
- 60 L1 长度 Length (L1)
- 08 接口大小 Interface size
- M 功能代号 Holder type
- HSK63A 锥柄形式 Taper size

·HSK100A-M 锁牙式刀柄（斜柄）

HSK100A-M THERADED CHUCK





FIG. 1

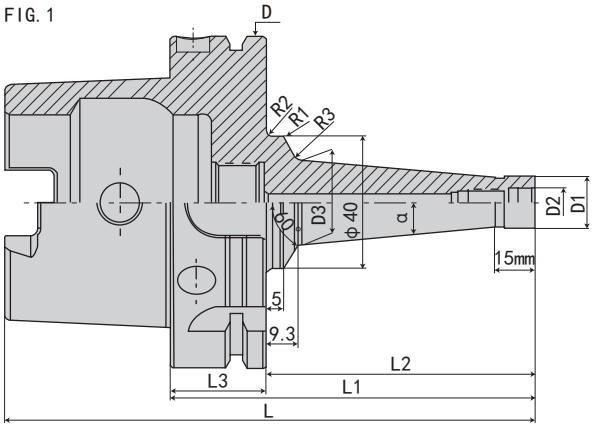
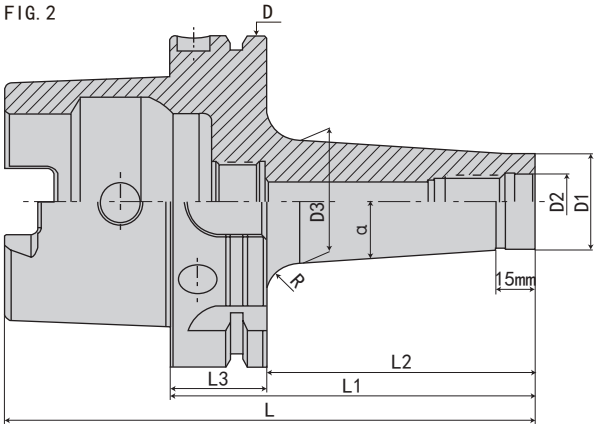


FIG. 2



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
- 90-A5	HSK100A	140	90	61	29	100	15.4	8.5	21.5	M8*1.25P	5°	10	1	2.5
-110-A5	HSK100A	160	110	81	29	100	15.4	8.5	25	M8*1.25P	5°	10	1	2.5
-150-A5	HSK100A	200	150	121	29	100	15.4	8.5	32	M8*1.25P	5°	10	1	2.8
-200-A5	HSK100A	250	200	171	29	100	15.4	8.5	41	M8*1.25P	5°	10	1	3.3
-M10- 75-A4	HSK100A	125	75	46	29	100	19	10.5	22	M10*1.5P	4°	10	2	2.5
- 90-A4	HSK100A	140	90	61	29	100	19	10.5	24	M10*1.5P	4°	10	2	2.5
-110-A4	HSK100A	160	110	81	29	100	19	10.5	27	M10*1.5P	4°	10	2	2.6
-150-A4	HSK100A	200	150	121	29	100	19	10.5	32.5	M10*1.5P	4°	10	2	2.8
-200-A4	HSK100A	250	200	171	29	100	19	10.5	39.5	M10*1.5P	4°	10	2	3.5
-M12- 75-A4	HSK100A	125	75	46	29	100	24	12.5	27	M12*1.75P	4°	10	2	2.5
- 90-A4	HSK100A	140	90	61	29	100	24	12.5	29	M12*1.75P	4°	10	2	2.6
-110-A4	HSK100A	160	110	81	29	100	24	12.5	32	M12*1.75P	4°	10	2	2.5
-135-A4	HSK100A	185	135	106	29	100	24	12.5	35.5	M12*1.75P	4°	10	2	2.9
-150-A4	HSK100A	200	150	121	29	100	24	12.5	37.5	M12*1.75P	4°	10	2	3
-200-A4	HSK100A	250	200	171	29	100	24	12.5	44.5	M12*1.75P	4°	10	2	3.6
-M16- 75-A4	HSK100A	125	75	46	29	100	29	17	32	M16*2.0P	4°	10	2	2.5
- 90-A4	HSK100A	140	90	61	29	100	29	17	34	M16*2.0P	4°	10	2	2.8
-110-A4	HSK100A	160	110	81	29	100	29	17	37	M16*2.0P	4°	10	2	2.6
-135-A4	HSK100A	185	135	106	29	100	29	17	40.5	M16*2.0P	4°	10	2	2.8
-150-A4	HSK100A	200	150	121	29	100	29	17	42.5	M16*2.0P	4°	10	2	3.1
-200-A4	HSK100A	250	200	171	29	100	29	17	49.5	M16*2.0P	4°	10	2	4

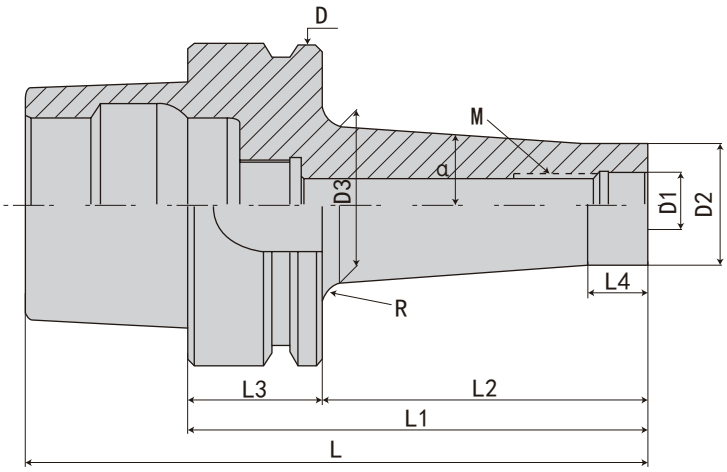
规格说明:

HSK100A - M - 08 - 75 - A5

- A5 单边锥度 Unilateral taper
- 75 L1 长度 Length (L1)
- 08 接口大小 Interface size
- M 功能代号 Holder type
- HSK100A 锥柄形式 Taper size

·HSK40E-M 锁牙式刀柄（斜柄）

HSK40E-M THERADED CHUCK



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	
-90	HSK40E	110	90	64	20	12	40	8.5	15.4	25	M8	5°	4	
-M10-60	HSK40E	80	60	34	20	12	40	10.5	19	22.5	M10	4°	4	
-90	HSK40E	110	90	64	20	12	40	10.5	19	26.5	M10	4°	4	
-M12-60	HSK40E	80	60	34	20	12	40	12.5	24	27.5	M12	4°	2	
-90	HSK40E	110	90	64	20	12	40	12.5	24	32	M12	4°	2	

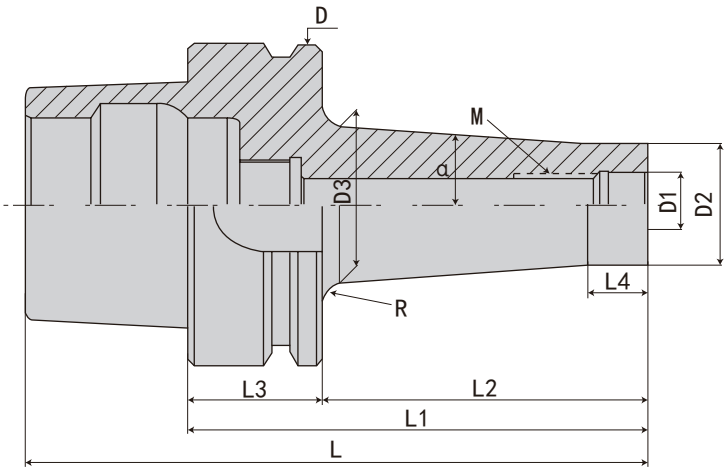
规格说明:

HSK40E - M - 08 - 60

- 60 — L1 长度 Length (L1)
- 08 — 接口大小 Collect model
- M — 功能代号 Holder type
- HSK40E — 锥柄形式 Taper size

·HSK50E-M 锁牙式刀柄（斜柄）

HSK50E-M THERADED CHUCK



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	
-90	HSK50E	115	90	64	26	12	50	8.5	15.4	23.5	M8	5°	5	
-M10-60	HSK50E	85	60	34	26	12	50	10.5	19	21.5	M10	4°	5	
-90	HSK50E	115	90	64	26	12	50	10.5	19	25.5	M10	4°	5	
-M12-60	HSK50E	85	60	34	26	12	50	12.5	24	26.5	M12	4°	5	
-90	HSK50E	115	90	64	26	12	50	12.5	24	31	M12	4°	3	

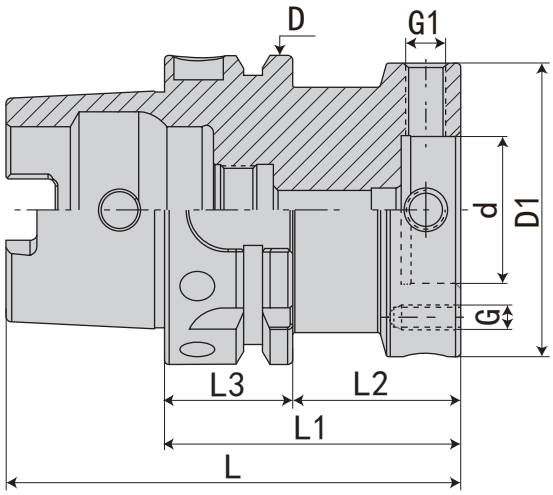
规格说明:

HSK50E - M - 08 - 60

- HSK50E：锥柄形式 Taper size
- M：功能代号 Holder type
- 08：接口大小 Collect model
- 60：L1 长度 Length (L1)

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



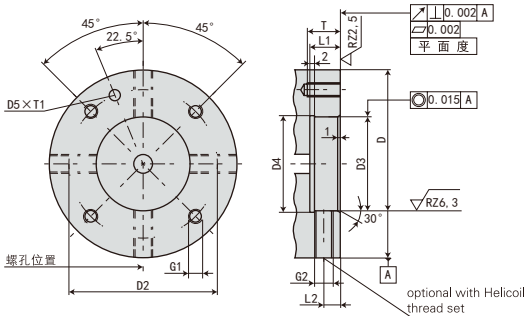


规 格 Model	柄部 Handle	L	L1	L2	L3	D	D1	d	G1	G	重量 KGS
HSK40A-MOD060-060	HSK40A	80	60	40	20	40	60	30	M8*1.0P	M5*0.8P	0.75
HSK50A-MOD060-060	HSK50A	85	60	34	26	50	60	30	M8*1.0P	M5*0.8P	0.9
-MOD070-060	HSK50A	85	60	34	26	50	70	35	M8*1.0P	M6*1.0P	1.05
-MOD080-060	HSK50A	85	60	34	26	50	80	40	M8*1.0P	M6*1.0P	1.1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

规格说明:

HSK40A - MOD - 060 - 060

- L1 长度 Length (L1)
- 接口大小 Collect model
- 功能代号 Holder type
- 锥柄形式 Taper size



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	5.0	5.0	5.0	6.0	6.0	6.0	6.0
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-GSK/ER 法兰盘 MOD-GSK/ER FLANGE PLATE



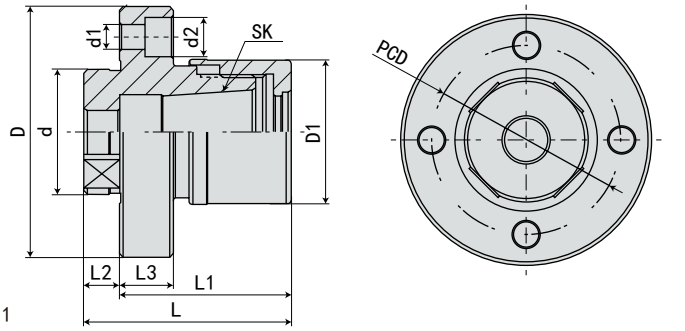


FIG. 1



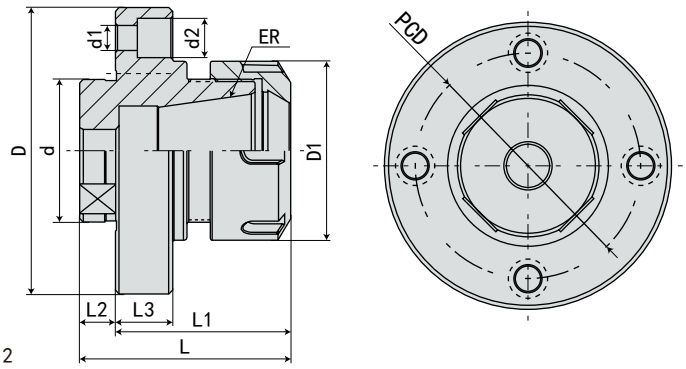


FIG. 2

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

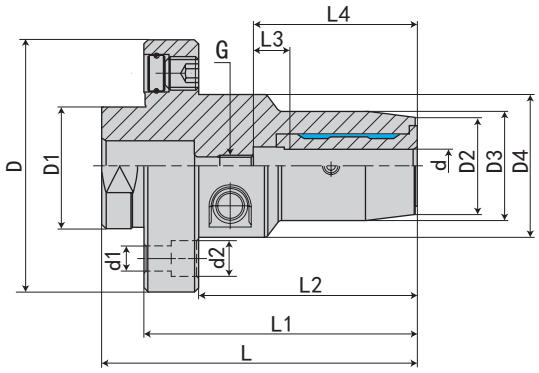
规格说明:

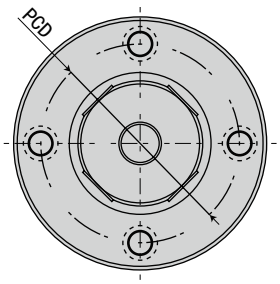
MOD - GSK - 16 - 48

- 48 L1 长度 Length (L1)
- 16 筒夹型号 Collect model
- GSK 筒夹种类 Collect type GSK
- MOD 锥柄形式 Taper size

·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
-HDC06-65	75	65	50	10	37	60	30	22	26	42	6	6	9	44	M5*0.8P	0.6
-HDC08-65	75	65	50	10	37	60	30	24	28	42	8	6	9	44	M6*1.0P	0.6
-HDC10-70	80	70	55	10	41	60	30	26	30	42	10	6	9	44	M8*1.0P	0.7
-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
-HDC06-80	90	80	65	10	37	70	35	22	26	42	6	7	11	53	M5*0.8P	0.8
-HDC08-80	90	80	65	10	37	70	35	24	28	50	8	7	11	53	M6*1.0P	0.8
-HDC10-80	90	80	65	10	41	70	35	26	30	50	10	7	11	53	M8*1.0P	0.8
-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
-HDC06-60	70	60	44	10	37	80	40	22	26	50	6	7	11	63	M5*0.8P	1.2
-HDC08-60	70	60	44	10	37	80	40	24	28	50	8	7	11	63	M6*1.0P	1.2
-HDC10-70	80	70	54	10	41	80	40	26	30	50	10	7	11	63	M8*1.0P	1.2
-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
-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
-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
-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
-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
-HDC14-80	92	80	62	10	47.5	100	50	30	34	63	14	9	14	79	M10*1.0P	2.6
-HDC16-80	92	80	62	10	52.5	100	50	34	38	63	16	9	14	79	M12*1.0P	2.7
-HDC18-80	92	80	62	10	52.5	100	50	36	40	63	18	9	14	79	M12*1.0P	2.7
-HDC20-80	92	80	62	10	52.5	100	50	38	42	63	20	9	14	79	M16*1.0P	2.7
-HDC25-100	112	100	82	10	61.5	100	50	53	57	63	25	9	14	79	M16*1.0P	2.8
-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

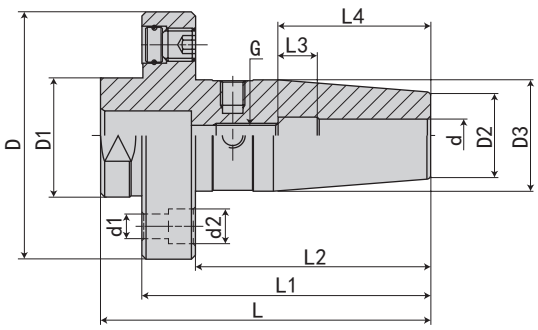
规格说明:

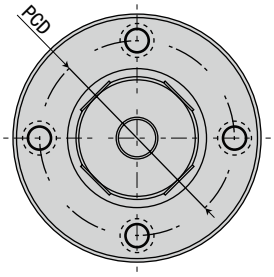
MOD - HDC - 05 - 65

- 65 — L1 长度 Length (L1)
- 05 — 刀杆直径 Diameter
- HDC — 功能代号 Side lock end mill holder type
- MOD — 锥柄形式 Taper size

·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
-SF06-70	80	70	55	10	36	60	30	21	27	6	6	9	44	M5*0.8P	0.7
-SF08-70	80	70	55	10	36	60	30	21	27	8	6	9	44	M6*1.0P	0.7
-SF10-70	80	70	55	10	41	60	30	24	32	10	6	9	44	M8*1.0P	0.7
-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
-SF06-75	85	75	60	10	36	70	35	21	27	6	7	11	53	M5*0.8P	1
-SF08-75	85	75	60	10	36	70	35	21	27	8	7	11	53	M6*1.0P	1
-SF10-75	85	75	60	10	41	70	35	24	32	10	7	11	53	M8*1.0P	1
-SF12-75	85	75	60	10	46	70	35	24	32	12	7	11	53	M10*1.0P	1
-SF14-75	85	75	60	10	46	70	35	27	34	14	7	11	53	M10*1.0P	1
-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
-SF06-80	90	80	64	10	36	80	40	21	27	6	7	11	63	M5*0.8P	1.4
-SF08-80	90	80	64	10	36	80	40	21	27	8	7	11	63	M6*1.0P	1.4
-SF10-80	90	80	64	10	41	80	40	24	32	10	7	11	63	M8*1.0P	1.4
-SF12-80	90	80	64	10	46	80	40	24	32	12	7	11	63	M10*1.0P	1.4
-SF14-80	90	80	64	10	46	80	40	27	34	14	7	11	63	M10*1.0P	1.4
-SF16-80	90	80	64	10	49	80	40	27	34	16	7	11	63	M12*1.0P	1.4
-SF18-80	90	80	64	10	49	80	40	33	42	18	7	11	63	M12*1.0P	1.4
-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
-SF14-80	92	80	62	10	46	100	50	27	34	14	9	14	79	M10*1.0P	2.3
-SF16-80	92	80	62	10	49	100	50	27	34	16	9	14	79	M12*1.0P	2.3
-SF18-80	92	80	62	10	49	100	50	33	42	18	9	14	79	M12*1.0P	2.3
-SF20-80	92	80	62	10	51	100	50	33	42	20	9	14	79	M16*1.0P	2.3
-SF25-80	92	80	62	10	57	100	50	44	53	25	9	14	79	M16*1.0P	2.3
-SF32-80	92	80	62	10	61	100	50	44	53	32	9	14	79	M16*1.0P	2.3

规格说明:

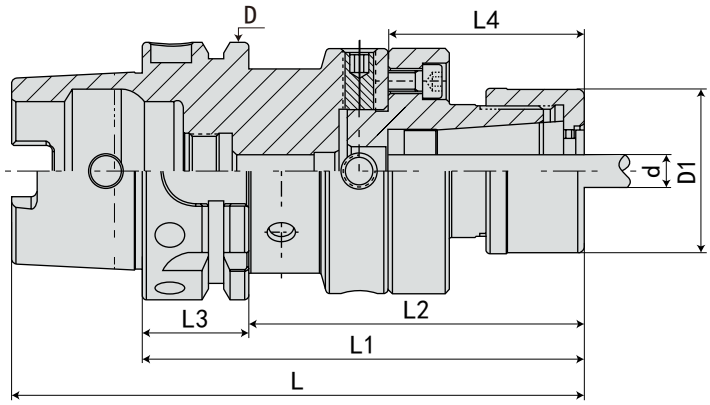
MOD - SF - 05 - 70

- 70 — L1 长度 Length (L1)
- 05 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- MOD — 锥柄形式 Taper size

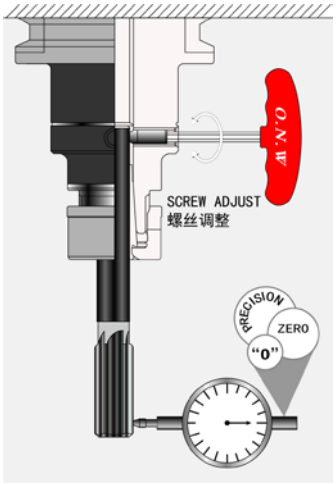
·HSK-MOD 可调精度刀柄（铰刀专用）

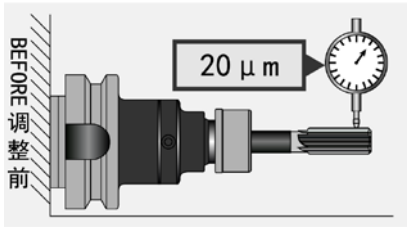
HSK-MOD ADJUSTABLE CHUCK（REAMER USING）

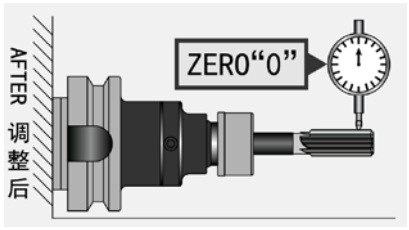




规 格 Model	L	L1	L2	L3	L4	D	D1	d 夹持范围 Range	弹性筒夹 Collets
HSK40A-MOD060-GSK16-108	128	108	88	20	48	40	40	3-16mm	GSK16
HSK50A-MOD060-GSK16-108	133	108	82	26	48	50	40	3-16mm	GSK16
-MOD070-GSK16-108	133	108	82	26	48	50	40	3-16mm	GSK16
-MOD080- ER32-109	134	109	83	26	49	50	50	2-20mm	ER32
-MOD080-GSK16-109	134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

规格说明:

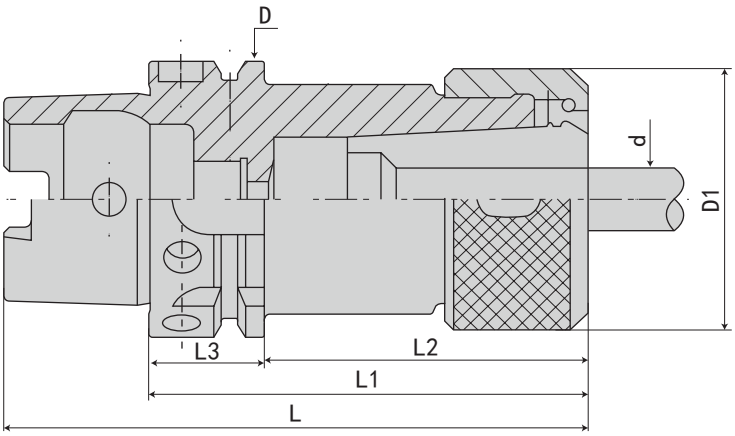
HSK40A - MOD060 - GSK - 16 - 108

- 108 — L1 长度 Length (L1)
- 16 — 筒夹型号 Collect model
- GSK — 筒夹种类 Collect type GSK
- MOD060 — 功能代号 Holder type
- HSK40A — 锥柄形式 Taper size

·HSK-OZ 筒夹刀柄

HSK-OZ COLLET CHUCK



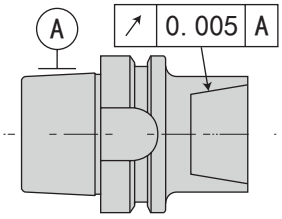


规 格 Model	柄部 Handle	L	L1	L2	L3	D	D1	d	配套筒夹 Collet	夹持范围 Range	重量 KGS
HSK50A-OZ16- 90	HSK50A	115	90	64	26	50	43	22.65	OZ16	2-16mm	
-OZ20-100	HSK50A	125	100	74	26	50	50	27.4	OZ20	2-20mm	
-OZ25-110	HSK50A	135	110	84	26	50	60	32.9	OZ25	2-25mm	
HSK63A-OZ16-100	HSK63A	132	100	74	26	63	43	22.65	OZ16	2-16mm	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

规格说明:

HSK50A - OZ - 16 - 90

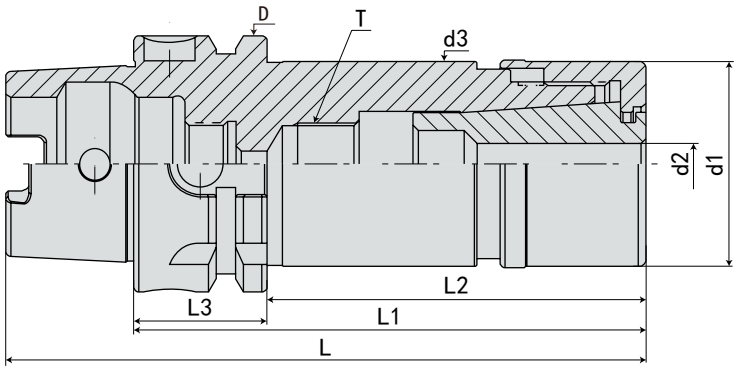
- 90 — L1 长度 Length (L1)
- 16 — 夹持范围 Collect model
- OZ — 功能代号 Holder type
- HSK50A — 锥柄形式 Taper size



·HSK32A-GSK 筒夹刀柄

HSK32A-GSK COLLET CHUCK





配 件 Accessories


» P.K27


» P.K07


» P.K29

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	
-GSK10-60	HSK32A	76	60	40	20	32	27.5	2-10mm	28	M10*1.0P	
-GSK13-60	HSK32A	76	60	40	20	32	33	2-13mm	33	M16*1.0P	
-GSK16-60	HSK32A	76	60	40	20	32	40	2-16mm	40	M16*1.0P	

规格说明:

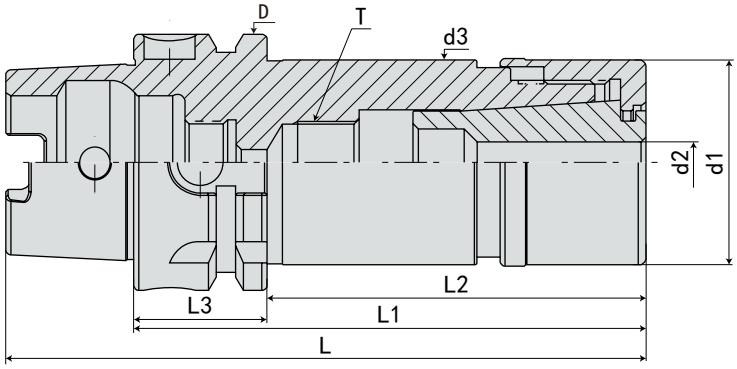
HSK32A - GSK - 06 - 60

- 60 L1 长度 Length (L1)
- 06 筒夹型号 Collect model
- GSK 筒夹种类 Collect type GSK
- HSK32A 锥柄形式 Taper size

·HSK40A-GSK 筒夹刀柄

HSK40A-GSK COLLET CHUCK





配 件 Accessories


» P.K27


» P.K07


» P.K29

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	
-100	HSK40A	120	100	80	20	40	19.5	2-6mm	20	M10*1.0P	
-GSK10- 60	HSK40A	80	60	40	20	40	27.5	2-10mm	28	M10*1.0P	
-100	HSK40A	120	100	80	20	40	27.5	2-10mm	28	M10*1.0P	
-GSK13- 60	HSK40A	80	60	40	20	40	33	2-13mm	33	M16*1.0P	
-100	HSK40A	120	100	80	20	40	33	2-13mm	33	M16*1.0P	
-GSK16- 60	HSK40A	80	60	40	20	40	40	2-16mm	40	M16*1.0P	
-100	HSK40A	120	100	80	20	40	40	2-16mm	40	M16*1.0P	

规格说明:

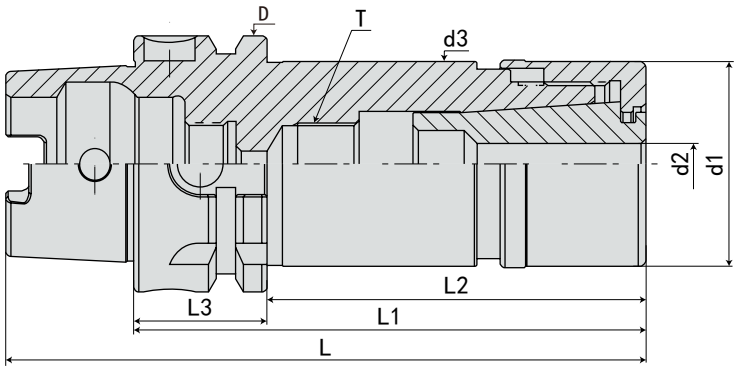
HSK40A - GSK - 06 - 60

- 60 — L1 长度 Length (L1)
- 06 — 筒夹型号 Collect model
- GSK — 筒夹种类 Collect type GSK
- HSK40A — 锥柄形式 Taper size

·HSK50A-GSK 筒夹刀柄

HSK50A-GSK COLLET CHUCK





配 件 Accessories		
		
» P.K27	» P.K07	» P.K29

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	
-100	HSK50A	125	100	74	26	50	19.5	2-6mm	20	M10*1.0P	
-120	HSK50A	145	120	94	26	50	19.5	2-6mm	20	M10*1.0P	
-GSK10- 60	HSK50A	85	60	34	26	50	27.5	2-10mm	28	M10*1.0P	
-100	HSK50A	125	100	74	26	50	27.5	2-10mm	28	M10*1.0P	
-120	HSK50A	145	120	94	26	50	27.5	2-10mm	28	M10*1.0P	
-GSK13- 60	HSK50A	85	60	34	26	50	33	2-13mm	33	M16*1.0P	
-100	HSK50A	125	100	74	26	50	33	2-13mm	33	M16*1.0P	
-120	HSK50A	145	120	94	26	50	33	2-13mm	33	M16*1.0P	
-GSK16- 60	HSK50A	85	60	34	26	50	40	2-16mm	40	M16*1.0P	
-100	HSK50A	125	100	74	26	50	40	2-16mm	40	M16*1.0P	
-120	HSK50A	145	120	94	26	50	40	2-16mm	40	M16*1.0P	

规格说明:

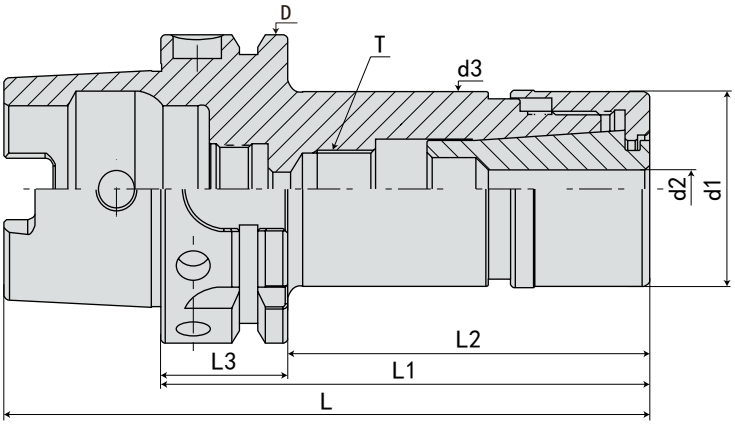
HSK50A - GSK - 06 - 60

- 60 — L1 长度 Length (L1)
- 06 — 筒夹型号 Collect model
- GSK — 筒夹种类 Collect type GSK
- HSK50A — 锥柄形式 Taper size

·HSK63A-GSK 筒夹刀柄

HSK63A-GSK COLLET CHUCK





配 件 Accessories


» P.K27


» P.K07


» P.K29

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
-100	HSK63A	132	100	74	26	63	19.5	2-6mm	20	M10*1.0P	1
-120	HSK63A	152	120	94	26	63	19.5	2-6mm	20	M10*1.0P	
-150	HSK63A	182	150	124	26	63	19.5	2-6mm	20	M10*1.0P	
-GSK10- 70	HSK63A	102	70	44	26	63	27.5	2-10mm	28	M10*1.0P	1
-100	HSK63A	132	100	74	26	63	27.5	2-10mm	28	M10*1.0P	1
-120	HSK63A	152	120	94	26	63	27.5	2-10mm	28	M10*1.0P	
-150	HSK63A	182	150	124	26	63	27.5	2-10mm	28	M10*1.0P	1.5
-200	HSK63A	232	200	174	26	63	27.5	2-10mm	28	M10*1.0P	1.5
-GSK13- 70	HSK63A	102	70	44	26	63	33	2-13mm	33	M16*1.0P	
-100	HSK63A	132	100	74	26	63	33	2-13mm	33	M16*1.0P	
-120	HSK63A	152	120	94	26	63	33	2-13mm	33	M16*1.0P	
-150	HSK63A	182	150	124	26	63	33	2-13mm	33	M16*1.0P	
-200	HSK63A	232	200	174	26	63	33	2-13mm	33	M16*1.0P	
-GSK16- 75	HSK63A	107	75	49	26	63	40	2-16mm	40	M16*1.0P	1
-100	HSK63A	132	100	74	26	63	40	2-16mm	40	M16*1.0P	1.5
-120	HSK63A	152	120	94	26	63	40	2-16mm	40	M16*1.0P	
-150	HSK63A	182	150	124	26	63	40	2-16mm	40	M16*1.0P	2
-200	HSK63A	232	200	174	26	63	40	2-16mm	40	M16*1.0P	2.2
-GSK20-100	HSK63A	132	100	74	26	63	48	2-20mm	48	M16*1.0P	1.5
-150	HSK63A	182	150	124	26	63	48	2-20mm	48	M16*1.0P	2.1
-200	HSK63A	232	200	174	26	63	48	2-20mm	48	M16*1.0P	2.8
-GSK25-100	HSK63A	132	100	74	26	63	50	2-25mm	50	M18*1.0P	1.5

规格说明:

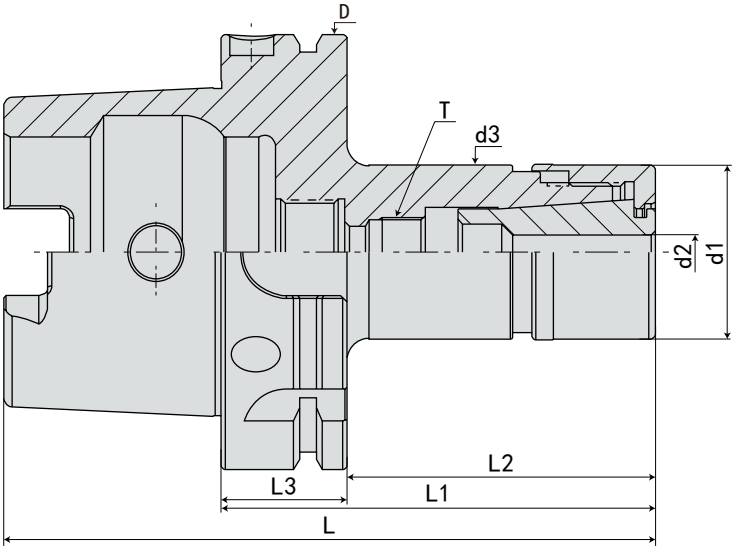
HSK63A - GSK - 06 - 70

- 70 — L1 长度 Length (L1)
- 06 — 筒夹型号 Collect model
- GSK — 筒夹种类 Collect type GSK
- HSK63A — 锥柄形式 Taper size

·HSK80A-GSK 筒夹刀柄

HSK80A-GSK COLLET CHUCK





配 件 Accessories		
		
» P.K27	» P.K07	» P.K29

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	
-GSK13-100	HSK80A	140	100	74	26	80	33	2-13mm	35	M16*1.0P	
-GSK16-100	HSK80A	140	100	74	26	80	40	2-16mm	40	M16*1.0P	
-GSK20-100	HSK80A	140	100	74	26	80	48	2-20mm	48	M16*1.0P	
-GSK25-100	HSK80A	140	100	74	26	80	50	2-25mm	55	M18*1.0P	

规格说明:

HSK80A - GSK - 10 - 100

- 100 — L1 长度 Length (L1)
- 10 — 筒夹型号 Collect model
- GSK — 筒夹种类 Collect type GSK
- HSK80A — 锥柄形式 Taper size

·HSK100A-GSK 筒夹刀柄 HSK100A-GSK COLLET CHUCK



FIG. 1

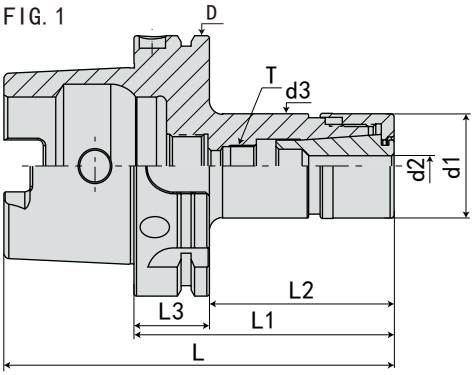
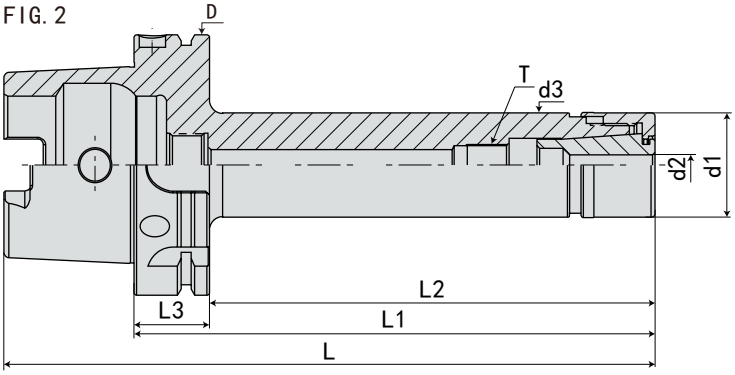


FIG. 2



配 件 Accessories


» P.K27


» P.K07


» P.K29

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	
-150	HSK100A	200	150	121	29	100	27.5	2-10mm	28	M10*1.0P	2	
-200	HSK100A	250	200	171	29	100	27.5	2-10mm	28	M10*1.0P	2	
-250	HSK100A	300	250	221	29	100	27.5	2-10mm	28	M10*1.0P	2	
-300	HSK100A	350	300	271	29	100	27.5	2-10mm	28	M10*1.0P	2	
-GSK13-100	HSK100A	150	100	71	29	100	33	2-13mm	33	M16*1.0P	1	
-150	HSK100A	200	150	121	29	100	33	2-13mm	33	M16*1.0P	2	
-200	HSK100A	250	200	171	29	100	33	2-13mm	33	M16*1.0P	2	
-250	HSK100A	300	250	221	29	100	33	2-13mm	33	M16*1.0P	2	
-300	HSK100A	350	300	271	29	100	33	2-13mm	33	M16*1.0P	2	
-GSK16-100	HSK100A	150	100	71	29	100	40	2-16mm	40	M16*1.0P	1	
-150	HSK100A	200	150	121	29	100	40	2-16mm	40	M16*1.0P	2	
-200	HSK100A	250	200	171	29	100	40	2-16mm	40	M16*1.0P	2	
-250	HSK100A	300	250	221	29	100	40	2-16mm	40	M16*1.0P	2	
-300	HSK100A	350	300	271	29	100	40	2-16mm	40	M16*1.0P	2	
-GSK20-100	HSK100A	150	100	71	29	100	48	2-20mm	48	M16*1.0P	1	
-150	HSK100A	200	150	121	29	100	48	2-20mm	48	M16*1.0P	2	
-200	HSK100A	250	200	171	29	100	48	2-20mm	48	M16*1.0P	2	
-250	HSK100A	300	250	221	29	100	48	2-20mm	48	M16*1.0P	2	
-300	HSK100A	350	300	271	29	100	48	2-20mm	48	M16*1.0P	2	
-GSK25-100	HSK100A	150	100	71	29	100	50	2-25mm	50	M18*1.0P	1	
-150	HSK100A	200	150	121	29	100	50	2-25mm	50	M18*1.0P	2	
-200	HSK100A	250	200	171	29	100	50	2-25mm	50	M18*1.0P	2	
-250	HSK100A	300	250	221	29	100	50	2-25mm	50	M18*1.0P	2	
-300	HSK100A	350	300	271	29	100	50	2-25mm	50	M18*1.0P	2	

规格说明:

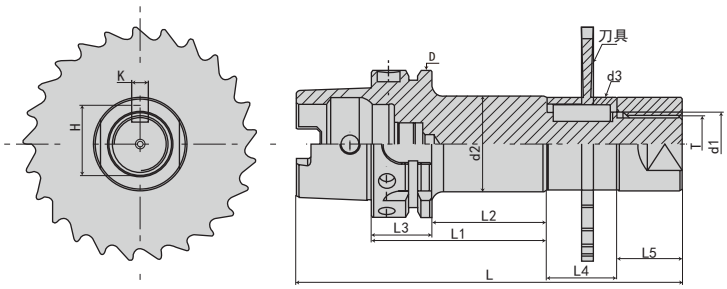
HSK100A - GSK - 10 - 100

- 100 — L1 长度 Length (L1)
- 10 — 筒夹型号 Collect model
- GSK — 筒夹种类 Collect type GSK
- HSK100A — 锥柄形式 Taper size

·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	
-SCA22- 60	HSK63A	144	60	34	26	30	22	63	22	34	34	6	24.3	M20*1.5P	
-120	HSK63A	204	120	94	26	30	22	63	22	34	34	6	24.3	M20*1.5P	
-SCA27- 75	HSK63A	165	75	49	26	30	28	63	27	40	40	7	30	M24*1.5P	
-120	HSK63A	165	120	94	26	30	28	63	27	40	40	7	30	M24*1.5P	
-SCA32- 90	HSK63A	184	90	64	26	30	32	63	32	47	47	8	35	M30*1.5P	
-120	HSK63A	214	120	94	26	30	32	63	32	47	47	8	35	M30*1.5P	
-SCA40- 90	HSK63A	192	90	64	26	30	40	63	40	55	55	10	43.7	M36*2.0P	

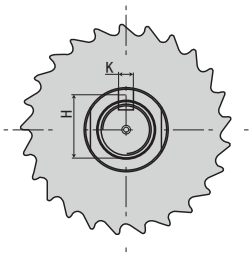
规格说明:

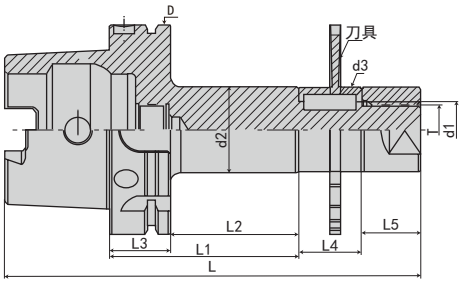
HSK63A - SCA - 16 - 60

- 60 — L1 长度 Length (L1)
- 16 — 接口大小 Collect model
- SCA — 功能代号 Side lock end mill holder type
- HSK63A — 锥柄形式 Taper size

·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	
-135	HSK100A	237	135	106	29	30	22	100	22	34	34	6	24.3	M20*1.5P	
-SCA27- 90	HSK100A	198	90	61	29	30	28	100	27	40	40	7	30	M24*1.5P	
-135	HSK100A	243	135	106	29	30	28	100	27	40	40	7	30	M24*1.5P	
-SCA32- 90	HSK100A	202	90	61	29	30	32	100	32	47	47	8	35	M30*1.5P	
-135	HSK100A	247	135	106	29	30	32	100	32	47	47	8	35	M30*1.5P	
-SCA40- 90	HSK100A	210	90	61	29	30	40	100	40	55	55	10	43.7	M36*2.0P	
-135	HSK100A	255	135	106	29	30	40	100	40	55	55	10	43.7	M36*2.0P	

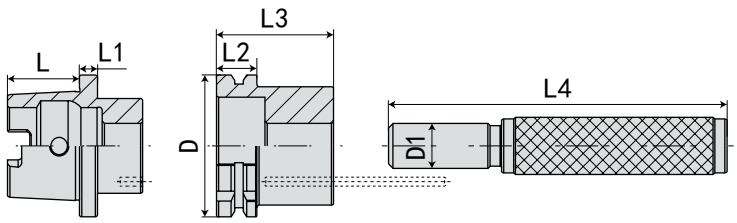
规格说明:

HSK100A - SCA - 22 - 90

- 90 — L1 长度 Length (L1)
- 22 — 接口大小 Collect model
- SCA — 功能代号 Holder type
- HSK100A — 锥柄形式 Taper size

·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

·HSK50A-HSK 转换套（内置螺丝）

HSK50A-HSK CONVERSION SLEEVE（BUILT-IN SCREW）

FIG. 1

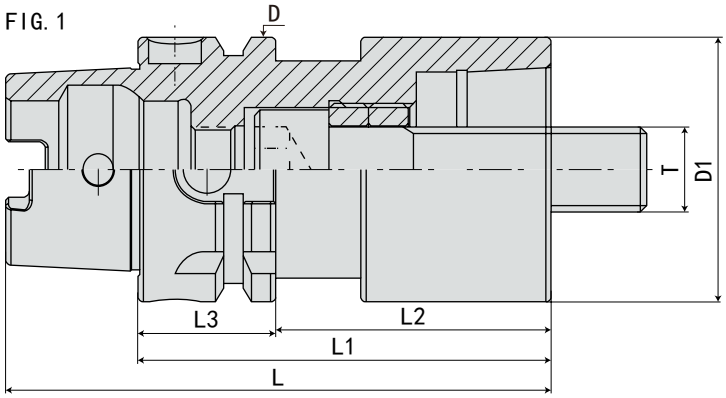
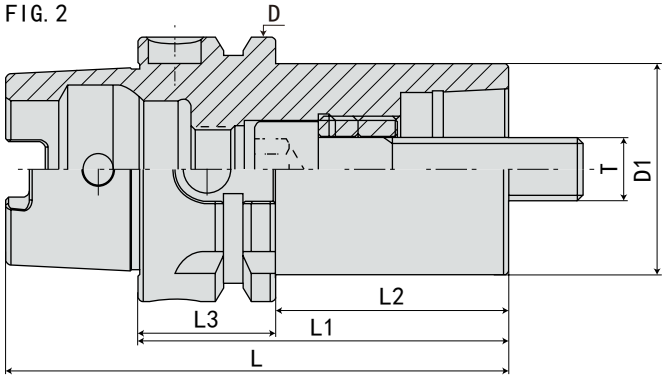


FIG. 2





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

规格说明:

HSK50A - HSK - 50C - 80 - S

- S：内置螺丝 Built-in screw
- 80：L1 长度 Length（L1）
- 50C：接口大小 Connection size
- 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

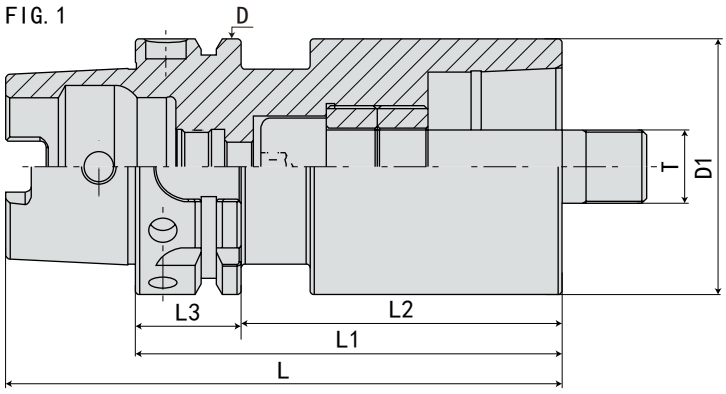
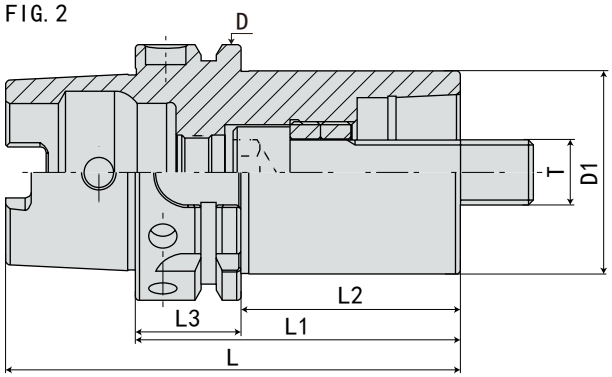




FIG. 2



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

规格说明:

HSK63A - HSK - 63C - 95 - S

- S：内置螺丝 Built-in screw
- 95：L1 长度 Length（L1）
- 63C：接口大小 Connection size
- 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

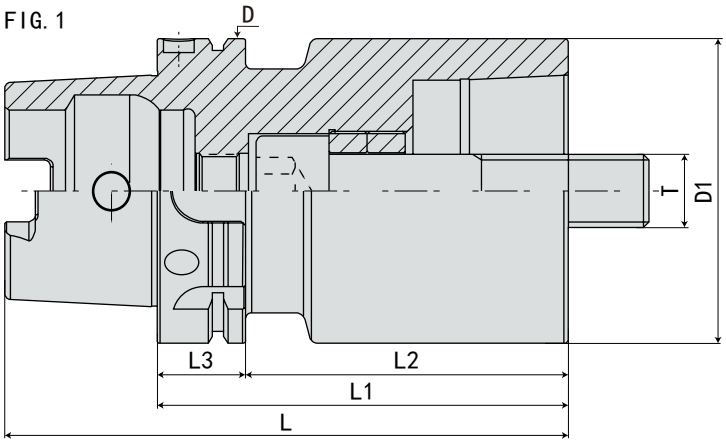
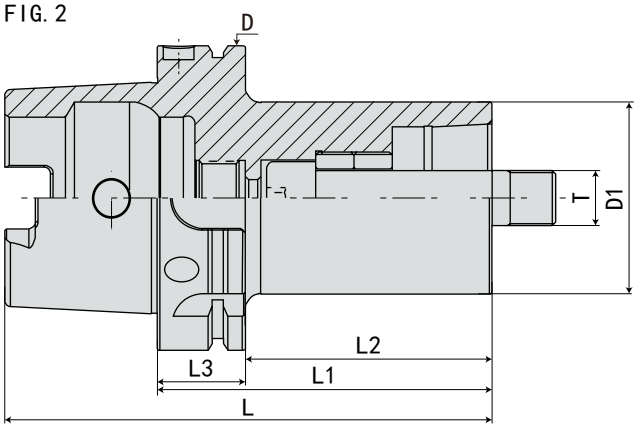


FIG. 2





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

规格说明:

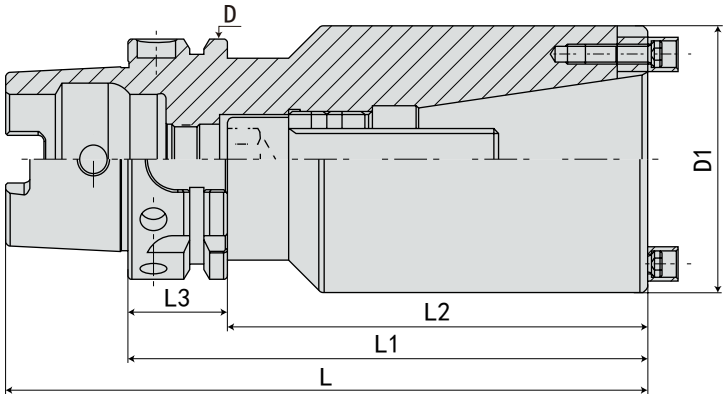
HSK100A - HSK - 100C - 135 - S

- S：内置螺丝 Built-in screw
- 135：L1 长度 Length (L1)
- 100C：接口大小 Connection size
- HSK：功能代号 Holder type
- HSK100A：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	
-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

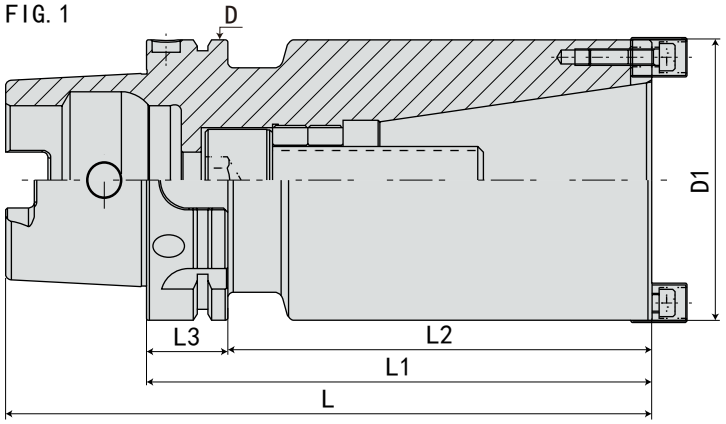
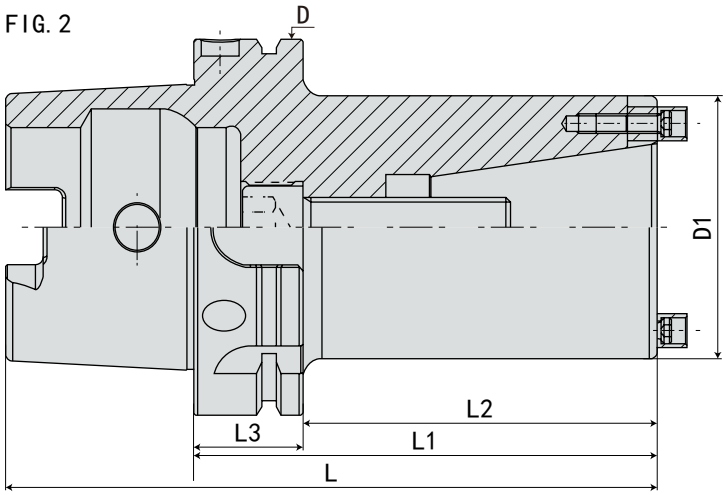


FIG. 2



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

规格说明:

HSK63A - BT - 40 - 135 - S

- S：内置螺丝 Built-in screw
- 135：L1 长度 Length（L1）
- 40：接口大小 Connection size
- BT：功能代号 Holder type
- HSK63A：锥柄形式 Taper size

·HSK 转换套（内置夹紧单元）

HSK CONVERSION SLEEVE(CLAMPING CARTRIDGES)



FIG. 1

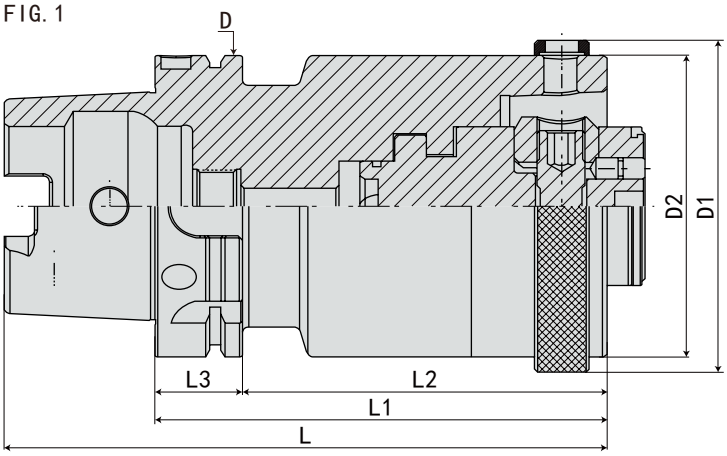
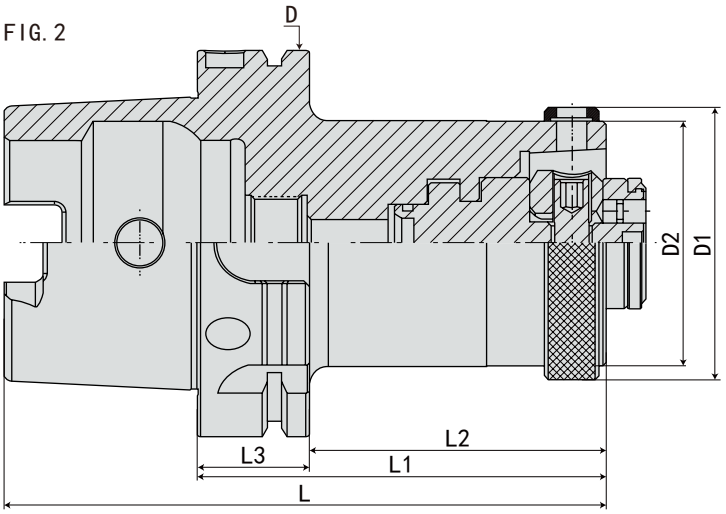




FIG. 2



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

规格说明:

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 Connection size
- 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

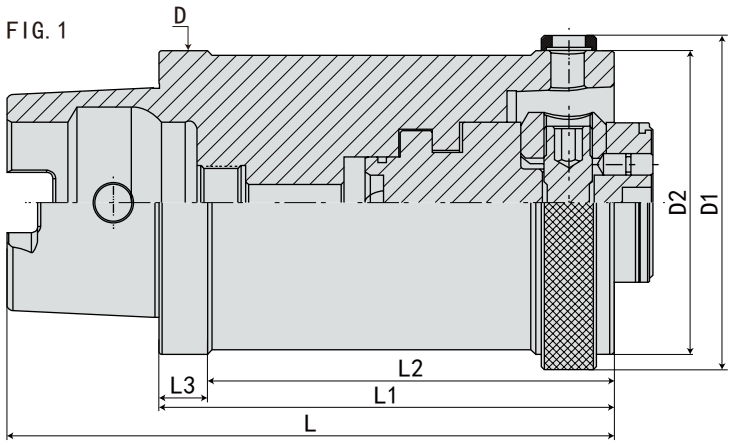
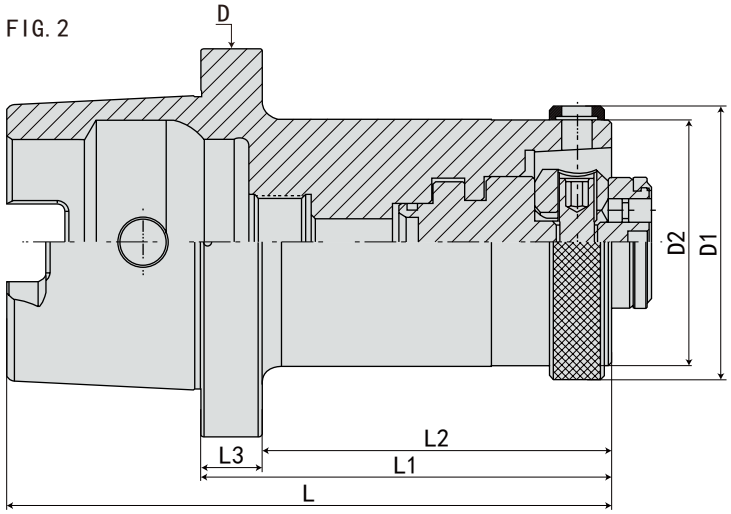




FIG. 2



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

规格说明:

HSK32C - HSK - 32C - 50 - C

- C：内置夹紧单元 Clamping cartridges
- 50：L1 长度 Length (L1)
- 32C：接口大小 Connection size
- HSK：功能代号 Holder type
- HSK32C：锥柄形式 Taper size

手动HSK夹紧技术

MANUAL HSK CLAMPING TECHNOLOGY

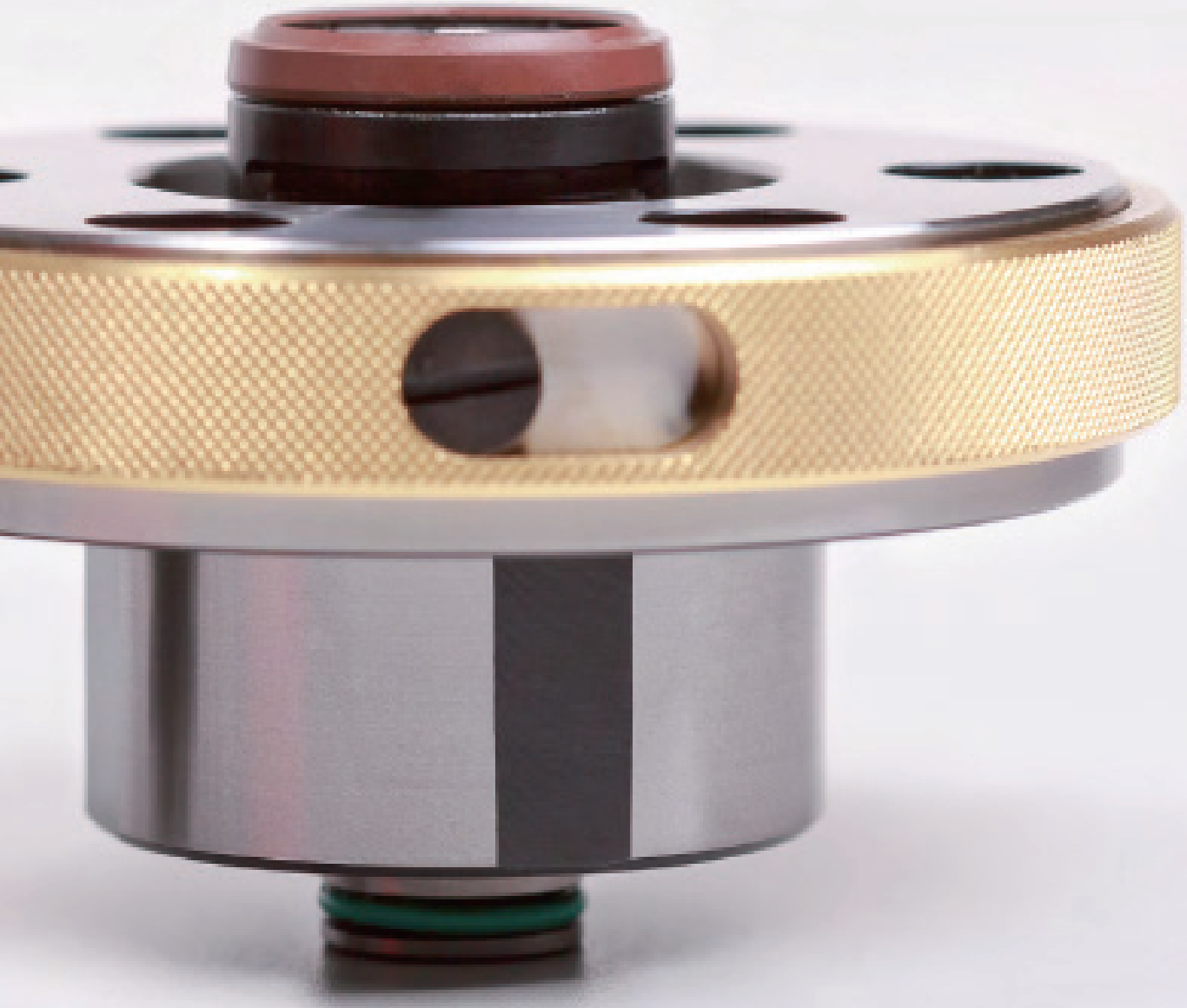


手动HSK夹紧技术

MANUAL HSK CLAMPING TECHNOLOGY

夹紧套和法兰

CLAMPING CARTRIDGES AND FLANGES



手动HSK夹紧技术

MANUAL HSK CLAMPING TECHNOLOGY



·产品概览 PRODUCT OVERVIEW

夹紧筒和法兰 Clamping cartridges and flanges

HSK 夹持技术的一个重要组成部分是 KS 夹持筒。手动夹紧机构可提供最大的回缩力和夹紧力，其简单而坚固的设计可靠地实现了这一目标。KS 夹紧元件可直接或通过安装法兰用于主轴和基本夹头。通过卡口和夹持块本体到夹爪的最佳力流的刚性设计突出了 KS 夹持块的性能。通过 90° 旋转重型夹紧销，可简单地装配夹持器，确保装配安全。工具通过两个顶针顺利顶出，分散了作用力，大大减少了磨损。全喷射润滑、高压润滑和 MQL 版本的 KS 夹紧筒可交叉兼容使用。这使得机床更容易改装，以适应不同润滑方式的新加工任务。作为使用 HSK-A 和 HSK-C 的 MQL 应用的通用解决方案，我们提供 MQL 夹紧筒 MQL1。由于中央通道较大，气溶胶在输送过程中不会流失，而且流动性最佳。这样可以防止气溶胶的分离。MQL MQL 夹持器是专为 HSK-C 开发的。由于对表面密封进行了调整，可最大限度地减少该区域的填料。通过选择我们的夹持系统，可以安全地夹持所有 HSK 设计。

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.

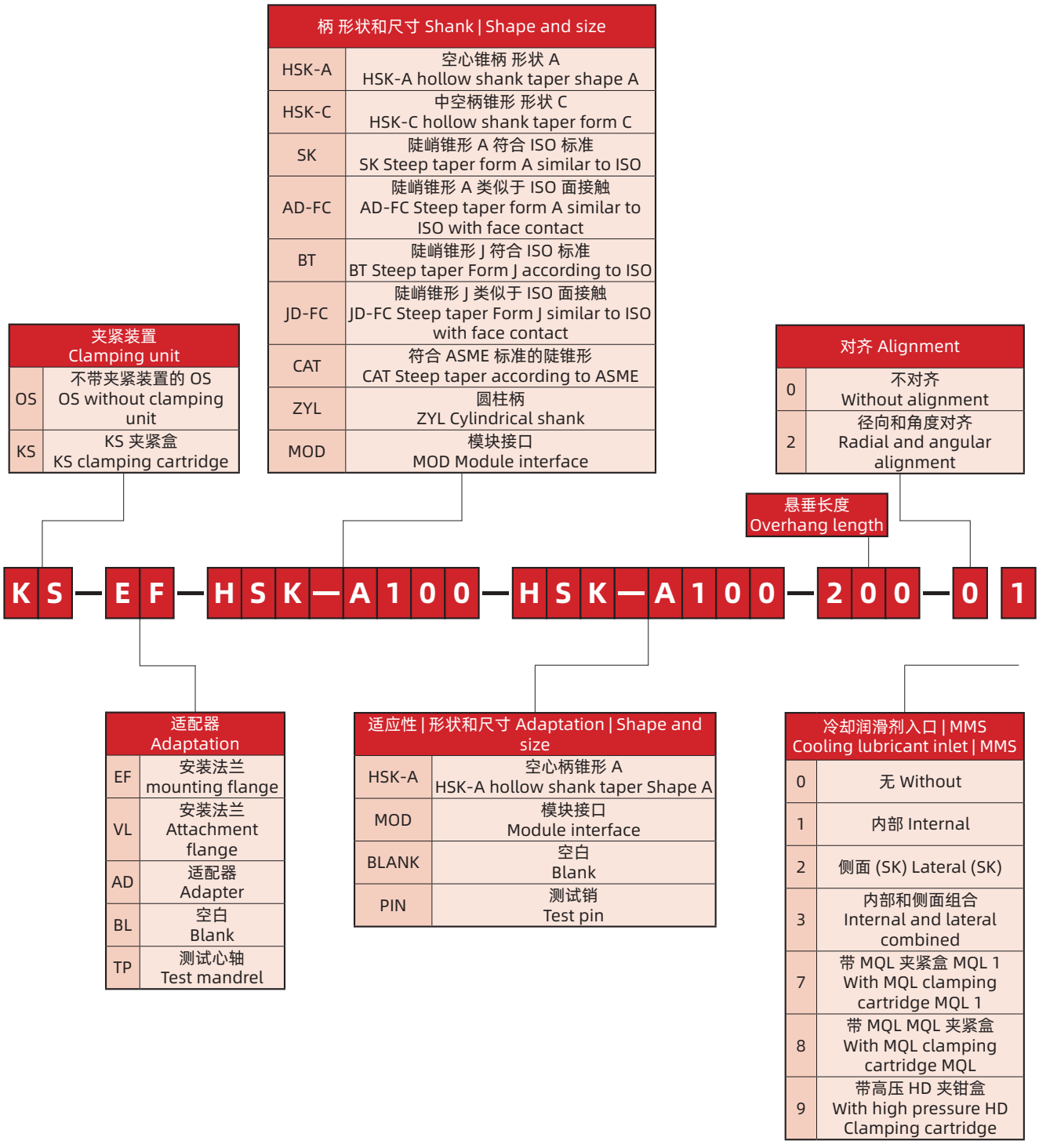
标准 Standard	高压 High pressure	MQL1
		
标准版 KS 夹紧元件是久经考验的全能型产品，几乎适用于所有加工应用。 是久经考验的全能型夹持元件，几乎适用于所有加工应用。 - 高刚性，不受载荷方向的影响 - 对不一致的 HSK 底面不敏感 - 远高于标准的高拉入力 The standard version of the KS clamping cartridge is the tried-and-tested all-round model and suitable for almost all machining applications. - High rigidity 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

·产品概览 PRODUCT OVERVIEW



MQL	KS 安装法兰 KS installation flange	KS 延伸法兰 KS extension flange
		
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



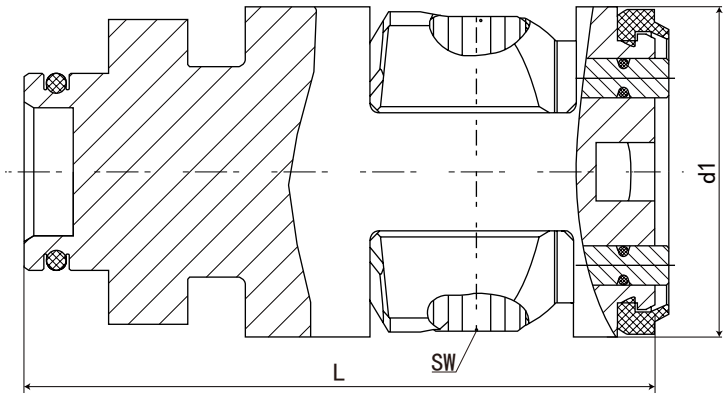
·手动 HSK 夹紧装置概览 OVERVIEW OF MANUAL HSK CLAMPING UNITS



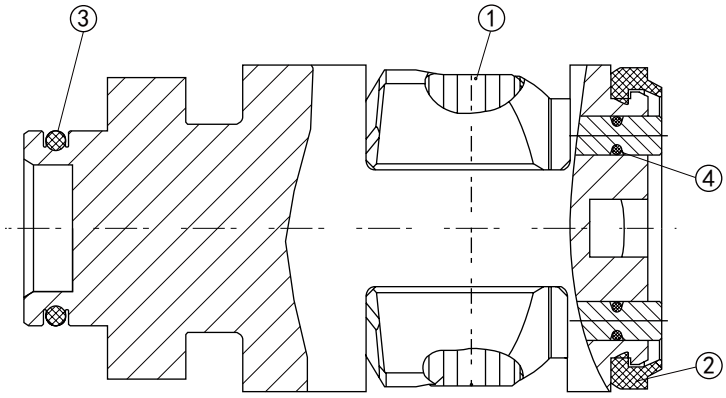
夹紧系统 Clamping systems	标准 KS 夹持元件 KS clamping cartridge Standard	KS 高压夹紧元件 KS clamping cartridge High pressure	KS 夹紧盒 MQL1 KS clamping cartridge MQL1	KS 夹钳盒 MMS MQL KS clamping cartridge MMS MQL
启动方式 Actuation type	用扭矩扳手转动 3-4 圈 3-4 turns with torque wrench	用扭矩扳手转动 3-4 圈 3-4 turns with torque wrench	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

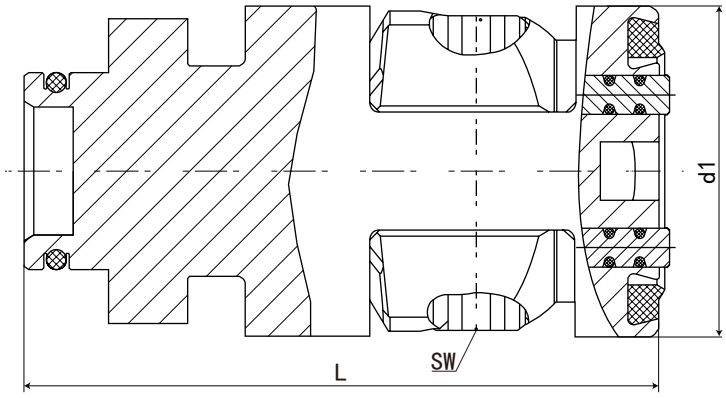
Application: For installation in machine spindles and adapters, for manual clamping of HSK shanks. For use with coolant pressures up to 50 bar.

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

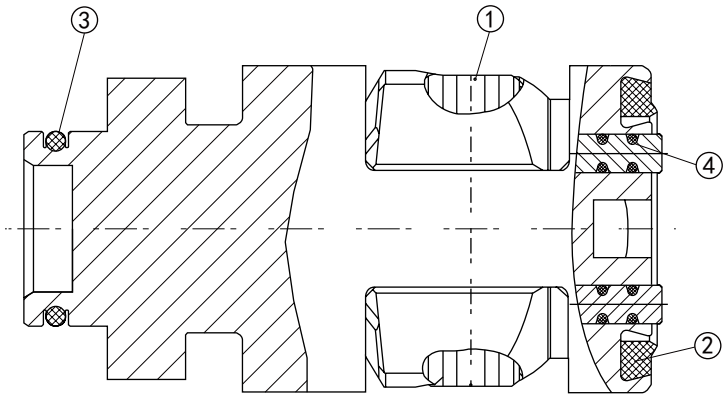
to us for repair. For more detailed information on repair exchange, direct spindle installation and KS clamping cartridges, see chapter "Technical appendix".

·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.

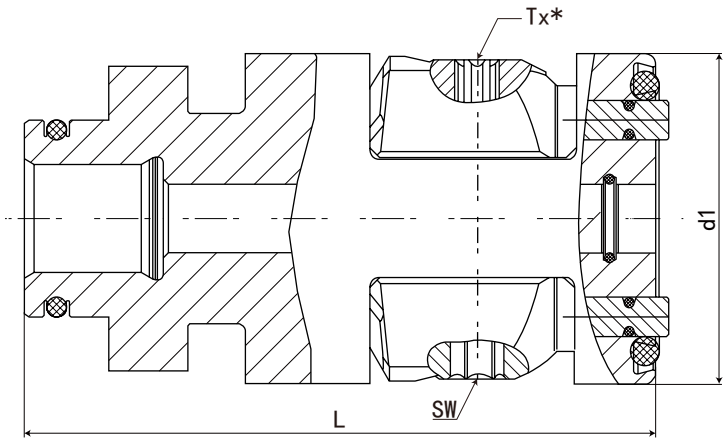
Note: In the event of damage or wear, the clamping cartridge must be sent to us for repair.

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)

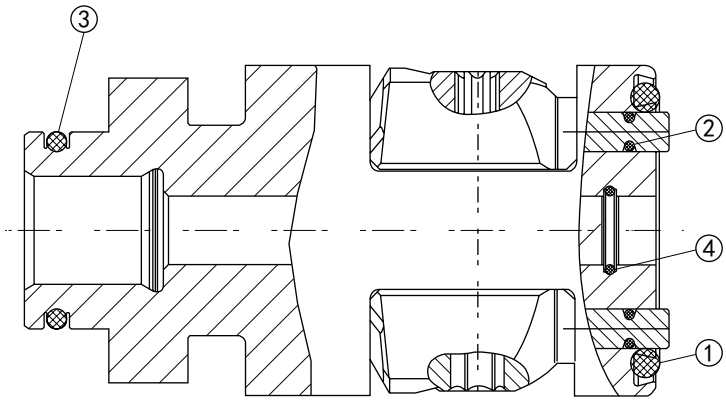




带外部 O 形圈的 KS 夹紧筒 - 用于 HSK-A 和 HSK-C 的 MQL1 型

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

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，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。

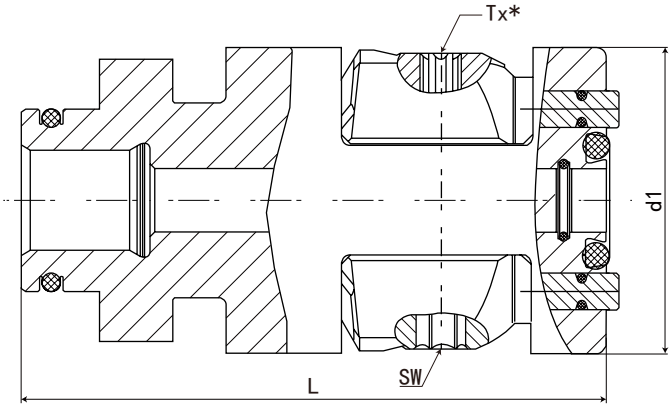
Dimensions in mm

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 应用的版本 MQL）

KS CLAMPING CARTRIDGES（VERSION FOR MQL APPLICATIONS MQL）

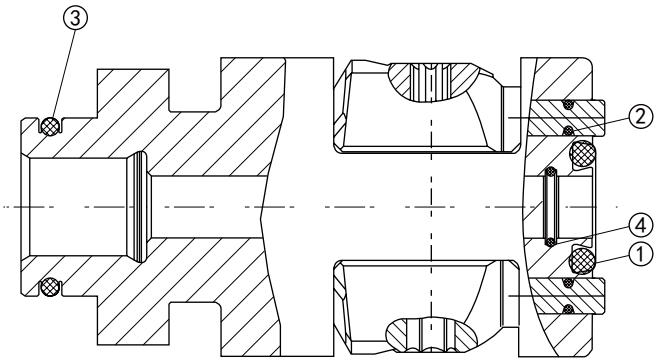




带内部 O 形圈的 KS 夹紧筒 - 用于 HSK-C 的 MQL 型

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

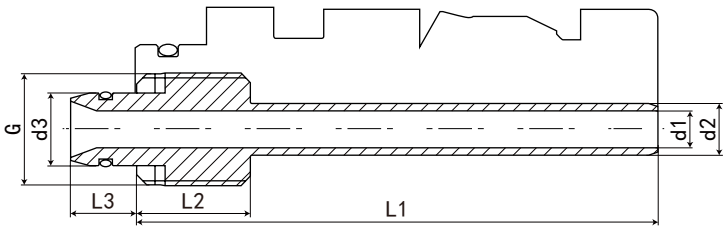
尺寸（毫米）

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".

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



带拉钉过渡的转接管
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。

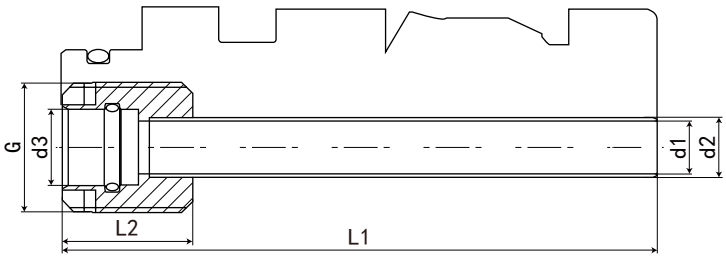
注： 有关合适的装配扳手，请参见 " 附件、备件和测量设备 " 一章。

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

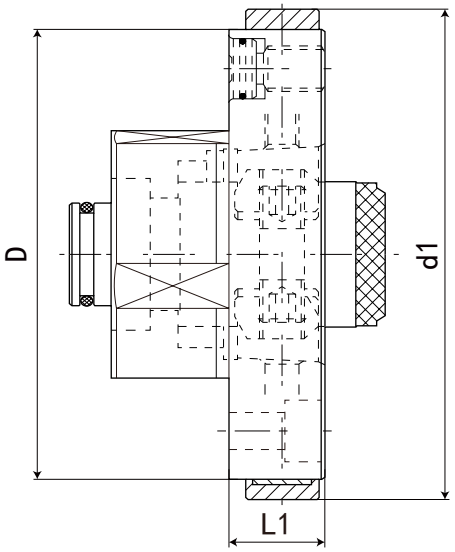
Application: For KS-MMS clamping cartridges when used without adapter tube.

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

·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





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。

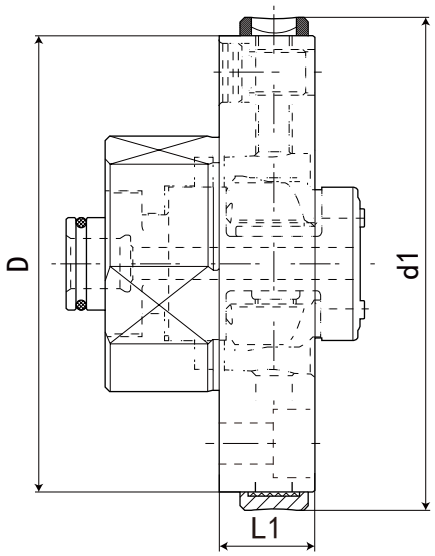
Dimensions in mm

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。

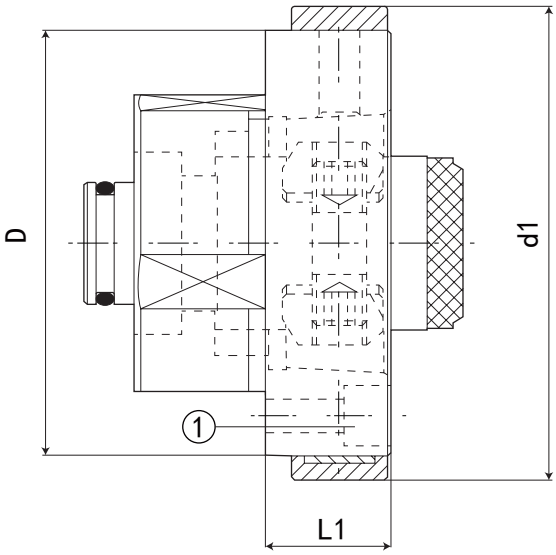
Dimensions in mm

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.

·KS 安装法兰 KS INSTALLATION FLANGES

用于径向对齐的短主轴
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





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

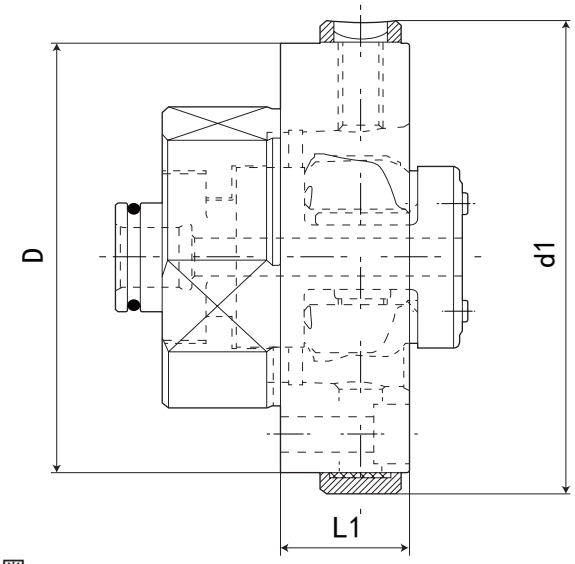
Application: For installation in short spindles (DIN 69002) to accommodate HSK tools. Scope of delivery: With standard KS clamping cartridge, cover ring and cap screws (for fastening the KS installation flange).
Design: Adjustable in concentricity by grub screws (for alignment) in the machine spindle.
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

用于 KS 安装法兰的备件，带径向和角度校准功能
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）。

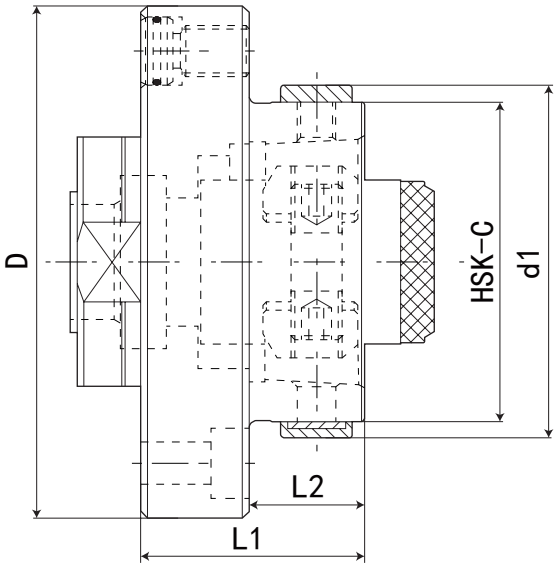
Dimensions in mm

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

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-C032-026-21	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）。

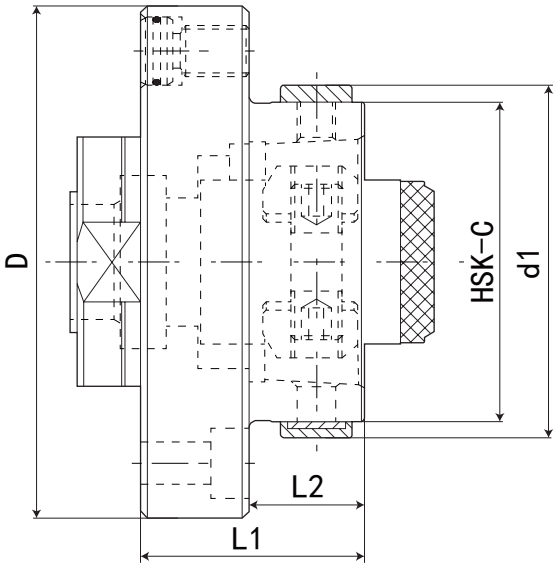
Dimensions in mm

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）。

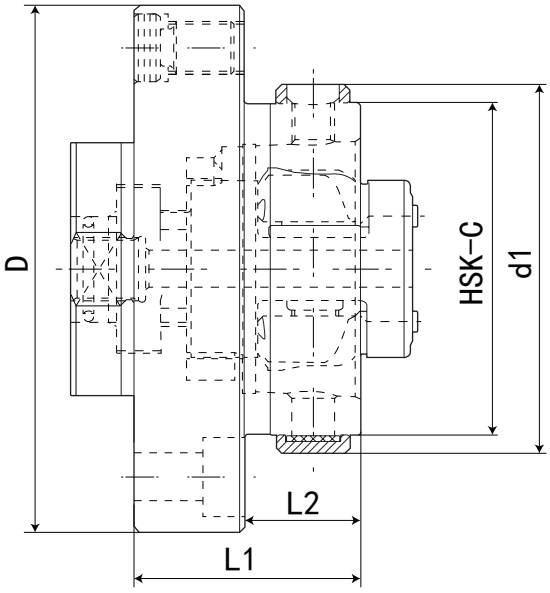
Dimensions in mm

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

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





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

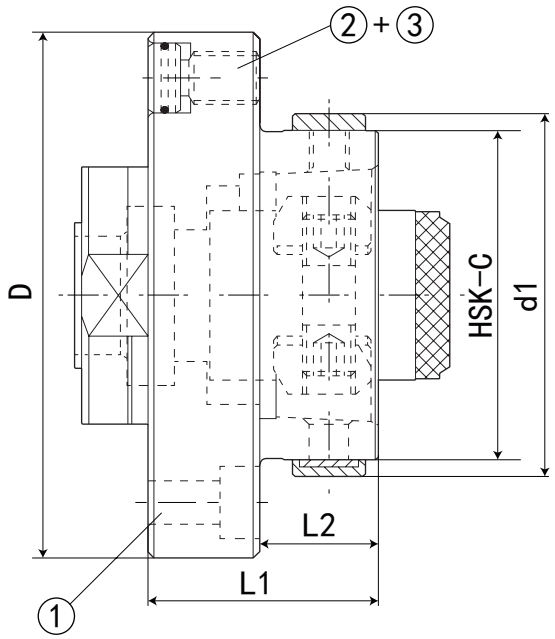
尺寸（毫米）

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.

·KS 连接法兰的备件 SPARE PARTS FOR KS ATTACHMENT FLANGE



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

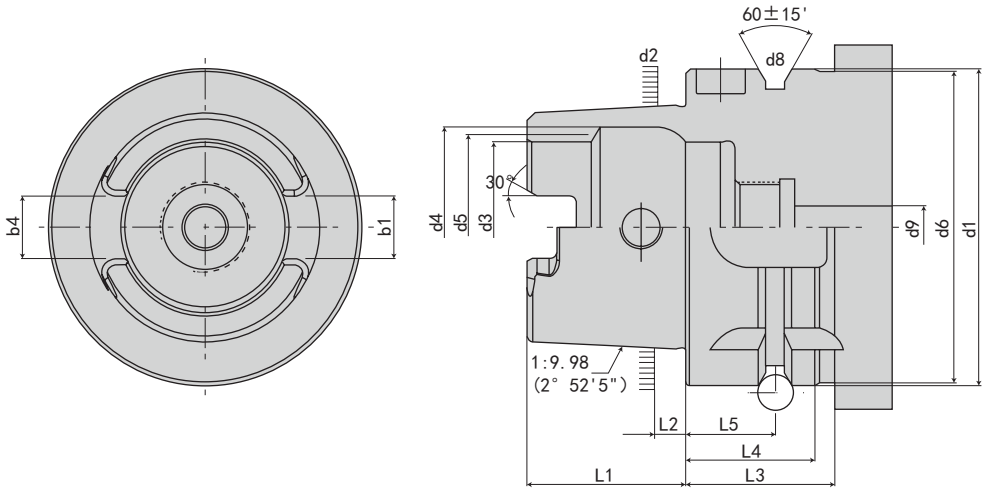
PRECISION TOOL HOLDER SYSTEMS



HSK-T车铣复合刀座

CNC TOOL SYSTEMS

·参考资料 REFERENCE DETAILS



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:

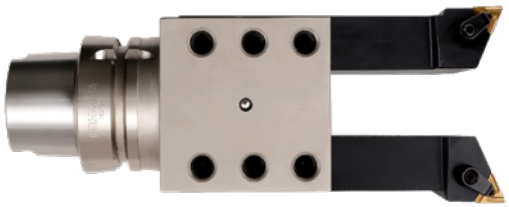
注:
◎锥度精度 :<AT3
◎硬度 :>HRC56°
◎渗碳深度 :>0.8mm
◎真圆度 :<0.8μm
◎表面粗糙度 :Ra<0.25μm
◎刀杆有预设标准动平衡 G6.3，可另外指定精密动平衡 G2.5
◎本体规范 :DIN ISO 12164-3:20008

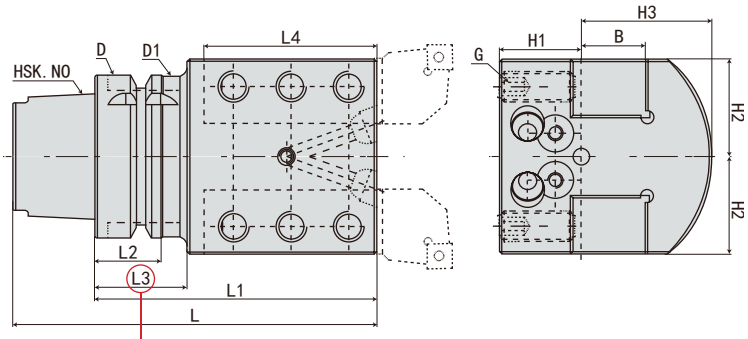
Features:

◎ 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
-SBK25*25R-110	HSK-T63	142	110	26	36	67.5	63	61	32	37.75	51	25	M12*1.75P	2.8
-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
-SBK1″ *1″ R-120	HSK-T100	170	120	29	35	110	100	98	32	37.75	51	1″	M12*1.75P	6.5

规格说明:

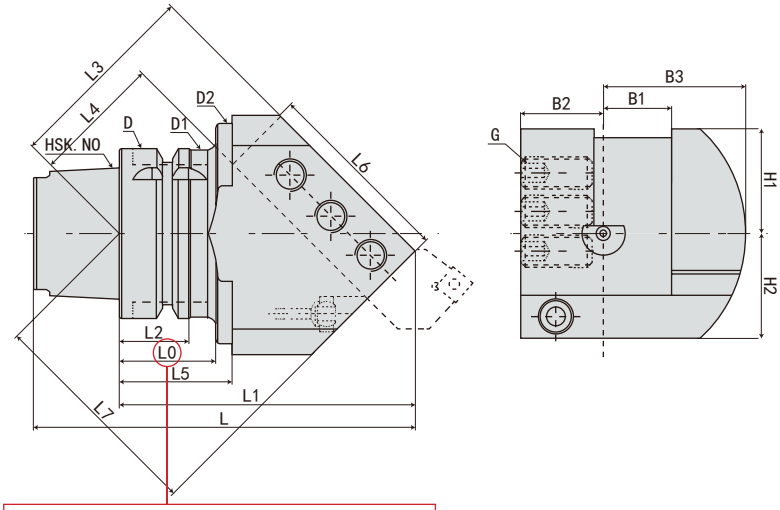
HSK-T50 - SBK - 20*20 - R - 95

- 95 — L1 长度 Length (L1)
- R — 方向 -L/ 方向 -R Direction-L /Direction-R
- 20*20 — 刀杆接口大小 Cutter bar interface size
- SBK — 功能代号 Function Code
- HSK-T50 — 锥柄形式 Shank size

·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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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

规格说明:

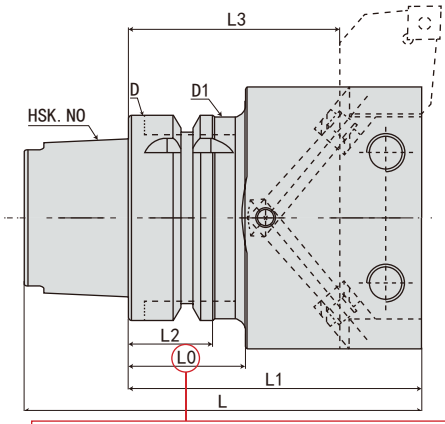
HSK-T50 - SBN - 20*20 - R - 110

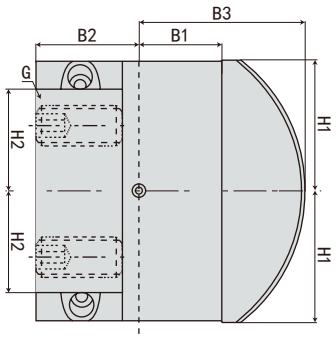
- 110：L1 长度 Length (L1)
- R：方向 -L/ 方向 -R Direction-L /Direction-R
- 20*20：刀杆接口大小 Cutter bar interface size
- SBN：功能代号 Function Code
- HSK-T50：锥柄形式 Shank size

·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
-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
-SBH25*25R-90	HSK-T63	122	40	90	26	65	63	61	25	32	53	40.5	29.5	M12*1.75P	3.1
-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
-SBH25*25R-120	HSK-T63	152	70	120	26	95	63	61	25	32	53	40.5	29.5	M12*1.75P	3.7
-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
-SBH1″ *-1″ R-105	HSK-T100	155	35	105	29	80	100	98	1″	32	59	48	37	M12*1.75P	6.1
-SBH25*25R-150	HSK-T100	200	35	150	29	125	100	98	25	32	59	48	37	M12*1.75P	8.9
-SBH32*32R-105	HSK-T100	155	35	105	29	75	100	98	32	40	68.5	57	43	M14*2.0P	7.4

规格说明:

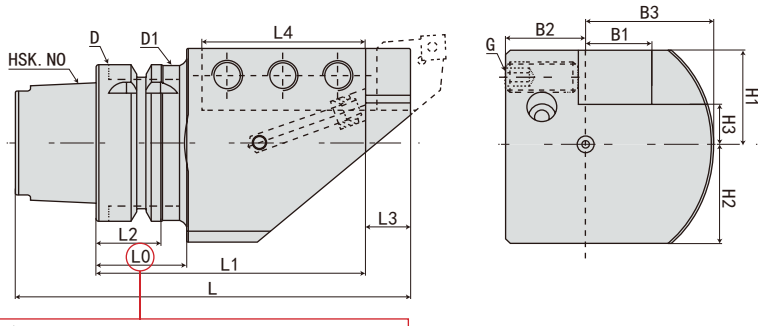
HSK-T50 - SBH - 20*20 - R - 90

- 90 — L1 长度 Length (L1)
- R — 方向 -L/ 方向 -R Direction-L /Direction-R
- 20*20 — 刀杆接口大小 Cutter bar interface size
- SBH — 功能代号 Function Code
- HSK-T50 — 锥柄形式 Shank size

·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
-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
-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
-SBV25*25R-105	HSK-T63	137	32	105	26	20	70	63	61	25	32	45	30	30	5	M12*1.75P	2.9
-SBV25*25L-105	HSK-T63	137	32	105	26	20	70	63	61	25	32	45	30	30	5	M12*1.75P	2.9
-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
-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
-SBV25*25L-150	HSK-T100	200	35	150	29	20	110	100	98	25	37	59	48	43	23	M12*1.75P	8.5
-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
-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
-SBV32*32R-150	HSK-T100	200	35	150	29	20	110	100	98	32	40	68.5	45	43	15	M14*2.0P	9
-SBV32*32L-150	HSK-T100	200	35	150	29	20	110	100	98	32	40	68.5	45	43	15	M14*2.0P	9

规格说明:

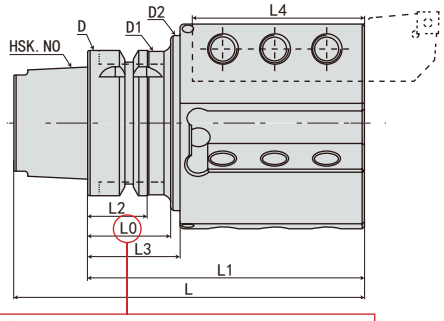
HSK-T50 - SBV - 20*20 - R - 95

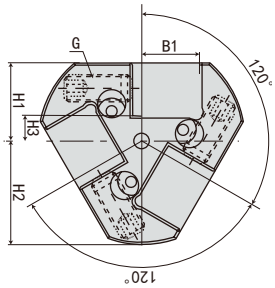
- 95：L1 长度 Length (L1)
- R：方向 -L/ 方向 -R Direction-L /Direction-R
- 20*20：刀杆接口大小 Cutter bar interface size
- SBV：功能代号 Function Code
- HSK-T50：锥柄形式 Shank size

·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
-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
-SBT20*20L-95	HSK-T63	127	32	95	26	*	60	63	61	*	20	35	43.5	15	M10*1.5P	2.6
-SBT25*25R-115	HSK-T63	147	32	115	26	40	70	63	61	90	25	43	53	18	M12*1.75P	4.4
-SBT25*25L-115	HSK-T63	147	32	115	26	40	70	63	61	90	25	43	53	18	M12*1.75P	4.4
-SBT1" *-1" R-115	HSK-T63	147	32	115	26	40	70	63	61	90	25	43	53	18	M12*1.75P	4.4
-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
-SBT25*25L-150	HSK-T100	200	35	150	29	*	110	100	98	*	25	48	59	23	M12*1.75P	8.9
-SBT1" *-1" R-150	HSK-T100	200	35	150	29	*	110	100	98	*	25	48	59	23	M12*1.75P	8.9
-SBT1" *-1" L-150	HSK-T100	200	35	150	29	*	110	100	98	*	25	48	59	23	M12*1.75P	8.9

规格说明:

HSK-T50 - SBT - 20*20 - R - 95

- 95 — L1 长度 Length (L1)
- R — 方向 -L/ 方向 -R Direction-L /Direction-R
- 20*20 — 刀杆接口大小 Cutter bar interface size
- SBT — 功能代号 Function Code
- HSK-T50 — 锥柄形式 Shank size

·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

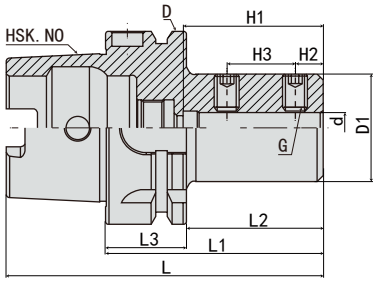


FIG. 2

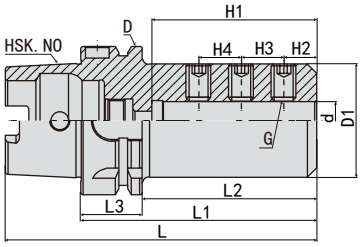


FIG. 3

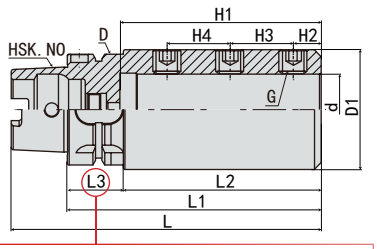
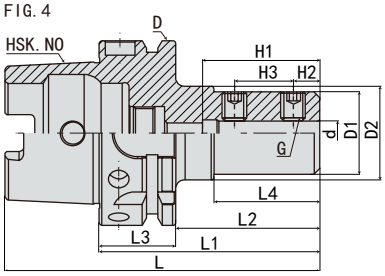


FIG. 4



⚠ 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	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
-TSB10-70	HSK-T50	95	70	44	26	*	50	35	*	10	45	9	22	*	M8*1.25P	1	0.8
-TSB12-75	HSK-T50	100	75	49	26	*	50	42	*	12	50	9	22	*	M8*1.25P	1	1
-TSB16-95	HSK-T50	120	95	69	26	*	50	48	*	16	70	14	18	18	M10*1.5P	2	1.3
-TSB20-95	HSK-T50	120	95	69	26	*	50	52	*	20	70	14	18	18	M10*1.5P	3	1.4
-TSB25-110	HSK-T50	135	110	84	26	*	50	62	*	25	85	14	26	26	M12*1.75P	3	2.1
-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
-TSB10-70	HSK-T63	102	70	44	26	*	63	35	*	10	45	9	22	*	M8*1.25P	1	1.1
-TSB12-75	HSK-T63	107	75	49	26	*	63	42	*	12	50	9	22	*	M8*1.25P	1	1.2
-TSB16-100	HSK-T63	132	100	74	26	*	63	48	*	16	70	14	18	18	M10*1.5P	2	1.7
-TSB20-100	HSK-T63	132	100	74	26	*	63	52	*	20	70	14	18	18	M10*1.5P	2	1.8
-TSB25-115	HSK-T63	147	115	89	26	*	63	62	*	25	85	14	26	26	M12*1.75P	2	2.5
-TSB32-130	HSK-T63	162	130	104	26	*	63	62	*	32	100	14	30	30	M12*1.75P	2	2.6
-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
-TSB10-80	HSK-T100	130	80	51	29	*	100	35	*	10	45	9	22	*	M8*1.25P	1	2.5
-TSB12-85	HSK-T100	135	85	56	29	*	100	42	*	12	50	9	22	*	M8*1.25P	1	2.7
-TSB16-105	HSK-T100	155	105	76	29	*	100	48	*	16	70	14	18	18	M10*1.5P	2	3.1
-TSB20-105	HSK-T100	155	105	76	29	*	100	52	*	20	70	14	18	18	M10*1.5P	2	3.2
-TSB25-120	HSK-T100	170	120	91	29	*	100	62	*	25	85	14	26	26	M12*1.75P	2	4
-TSB32-135	HSK-T100	185	135	106	29	*	100	72	*	32	100	14	30	30	M12*1.75P	2	4.9
-TSB40-150	HSK-T100	200	150	121	29	*	100	82	*	40	115	16	36	36	M16*2.0P	2	6
-TSB50-180	HSK-T100	230	180	151	29	*	100	92	*	50	145	18	38	38	M16*2.0P	2	7.8

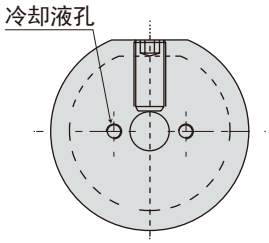
规格说明:

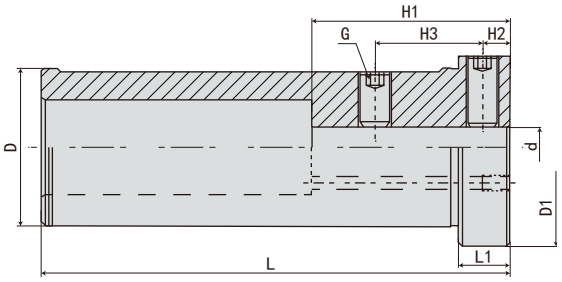
HSK-T50 - TSB - 8 - 65

- 65 — L1 长度 Length (L1)
- 8 — 接口大小 Collect model
- TSB — 功能代号 Function Code
- HSK-T50 — 锥柄形式 Shank size

·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

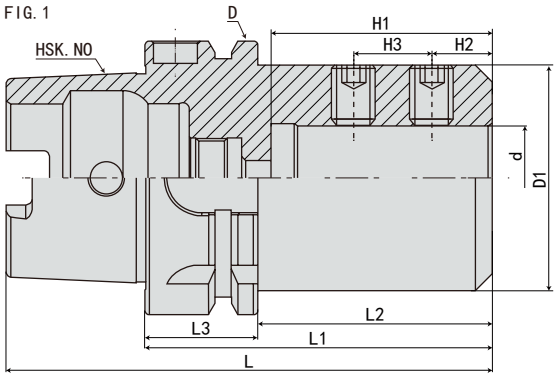
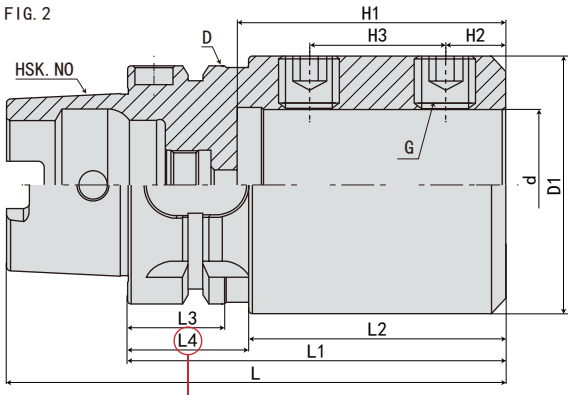


FIG. 2



⚠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
-TSD10-65	HSK-T50	90	65	39	26	*	50	35	10	39	12	20	M8*1.25P	1	0.9
-TSD12-70	HSK-T50	95	70	44	26	*	50	42	12	39	12	20	M8*1.25P	1	1
-TSD16-75	HSK-T50	100	75	49	26	*	50	48	16	49	14	18	M10*1.5P	1	1.1
-TSD20-80	HSK-T50	105	80	54	26	31	50	52	20	51	14	18	M10*1.5P	2	1.2
-TSD25-85	HSK-T50	110	85	59	26	31	50	62	25	57	14	26	M12*1.75P	2	1.6
-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
-TSD10-70	HSK-T63	102	70	44	26	*	63	35	10	39	12	20	M8*1.25P	1	0.97
-TSD12-70	HSK-T63	102	70	44	26	*	63	42	12	39	12	20	M8*1.25P	1	1.1
-TSD16-75	HSK-T63	107	75	49	26	*	63	48	16	49	14	18	M10*1.5P	1	1.4
-TSD20-80	HSK-T63	112	80	54	26	*	63	52	20	51	14	18	M10*1.5P	1	1.5
-TSD25-85	HSK-T63	117	85	59	26	*	63	62	25	57	14	26	M12*1.75P	1	1.9
-TSD32-90	HSK-T63	122	90	64	26	*	63	62	32	61	14	30	M12*1.75P	1	1.9
-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
-TSD10-75	HSK-T100	125	75	46	29	*	100	35	10	39	12	20	M8*1.25P	1	2.6
-TSD12-75	HSK-T100	125	75	46	29	*	100	42	12	39	12	20	M8*1.25P	1	2.7
-TSD16-85	HSK-T100	135	85	56	29	*	100	48	16	49	14	18	M10*1.5P	1	2.9
-TSD20-85	HSK-T100	135	85	56	29	*	100	52	20	51	14	18	M10*1.5P	1	2.9
-TSD25-90	HSK-T100	140	90	61	29	*	100	62	25	57	14	26	M12*1.75P	1	3.3
-TSD32-95	HSK-T100	145	95	66	29	*	100	72	32	61	14	30	M12*1.75P	1	3.9
-TSD40-105	HSK-T100	155	105	76	29	*	100	82	40	71	16	36	M16*2.0P	1	4.6
-TSD50-115	HSK-T100	165	115	86	29	*	100	92	50	81	18	38	M16*2.0P	1	5.3

规格说明:

HSK-T50 - TSD - 8 - 65

- 65 — L1 长度 Length (L1)
- 8 — 接口大小 Collect model
- TSD — 功能代号 Function Code
- HSK-T50 — 锥柄形式 Shank size

·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		

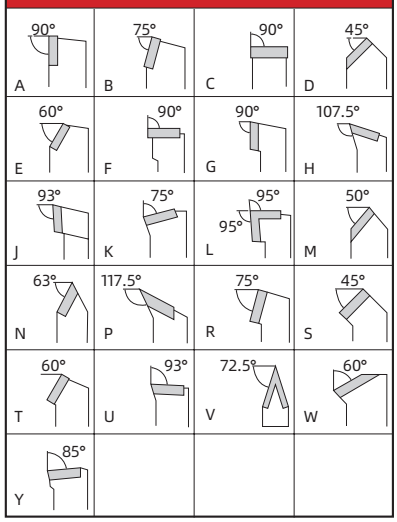
离隙角 INSERT CLEARANCE	
A	3 °
B	5 °
C	7 °
D	15 °
E	20 °
F	25 °
G	30 °
N	0 °
P	11 °

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

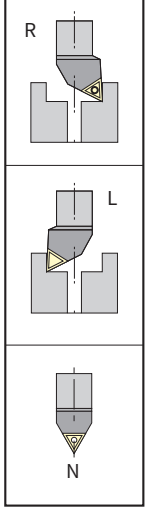
HSK-T63 - - M C L N R 45 065 - 12

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 °

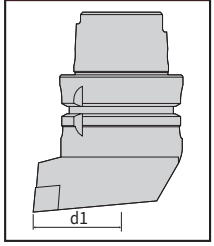
进刀角度 CUTTING EDGE GEMOETRY



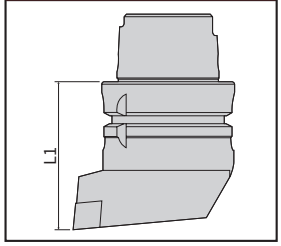
切削方向 HAND



D1 尺寸 D1 DIMENSION

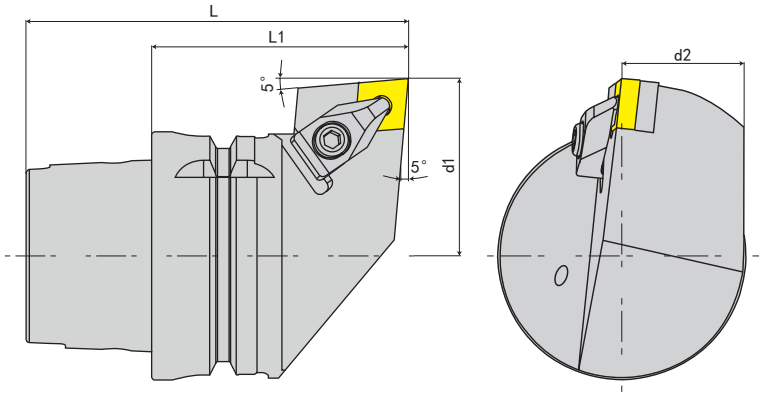


刀具尺寸 TOOL LENGTH METRIC



·DCLN 外径车刀 DCLN EXTERNAL TURNING TOOL





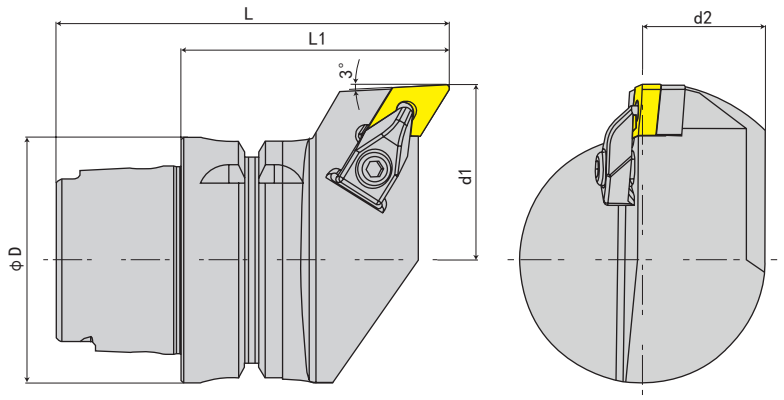
规格 Spec.	L	L1	d1	d2	刀片 Insert	重量（KGS) Weight
HSK-T63-DCLNR-45065-12	97	65	45	31	CN..1204	1.26
HSK-T63-DCLNL-45065-12	97	65	45	31	CN..1204	1.26

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





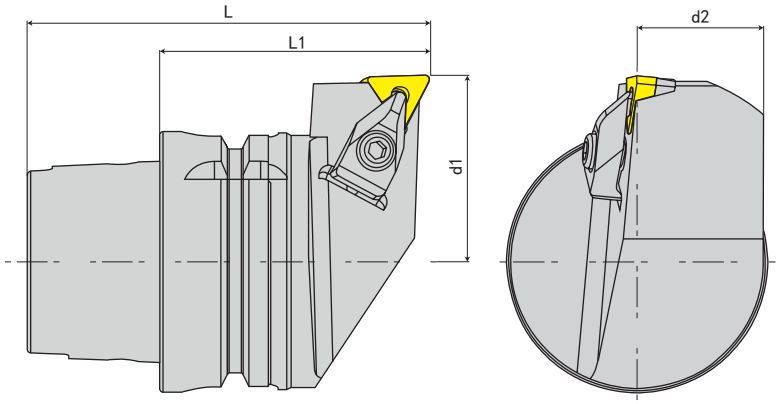
规格 Spec.	L	L1	d1	d2	刀片 Insert	重量（KGS) Weight
HSK-T63-DDJNR-45075-15	107	75	45	31	DN..1504	1.38
HSK-T63-DDJNL-45075-15	107	75	45	31	DN..1504	1.38

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





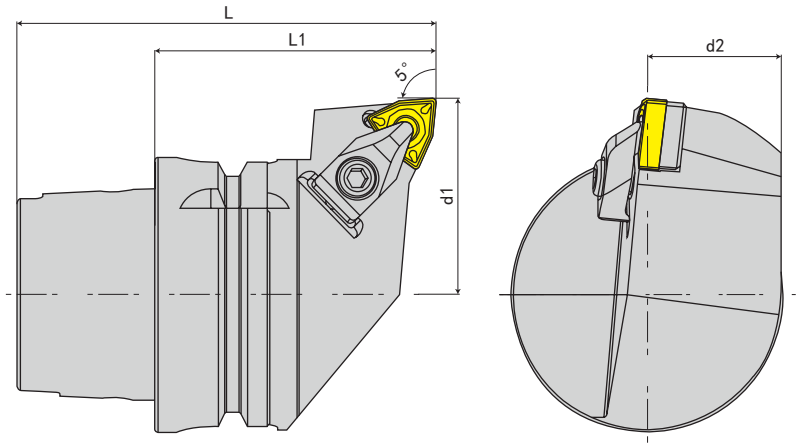
规格 Spec.	L	L1	d1	d2	刀片 Insert	重量（KGS) Weight
HSK-T63-DTJNR-45065-16	97	65	45	31	TN..1604	1.27
HSK-T63-DTJNL-45065-16	97	65	45	31	TN..1604	1.27

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 DWLN EXTERNAL TURNING TOOL





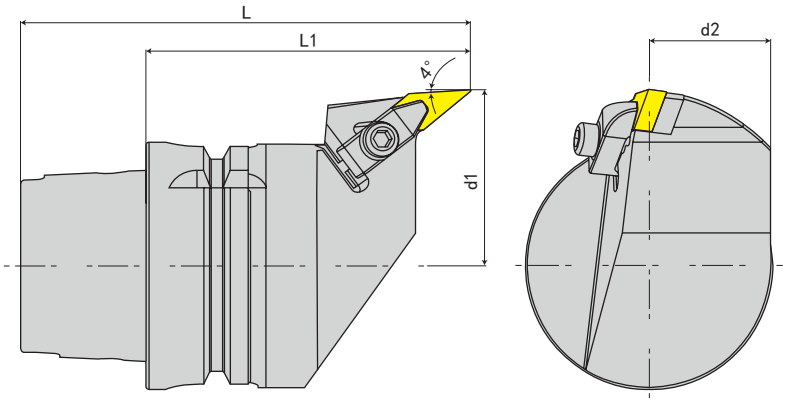
规格 Spec.	L	L1	d1	d2	刀片 Insert	重量（KGS) Weight
HSK-T63-DWLNR-45065-08	97	65	45	31	WN..0804	1.22
HSK-T63-DWLNL-45065-08	97	65	45	31	WN..0804	1.22

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 DVLN EXTERNAL TURNING TOOL





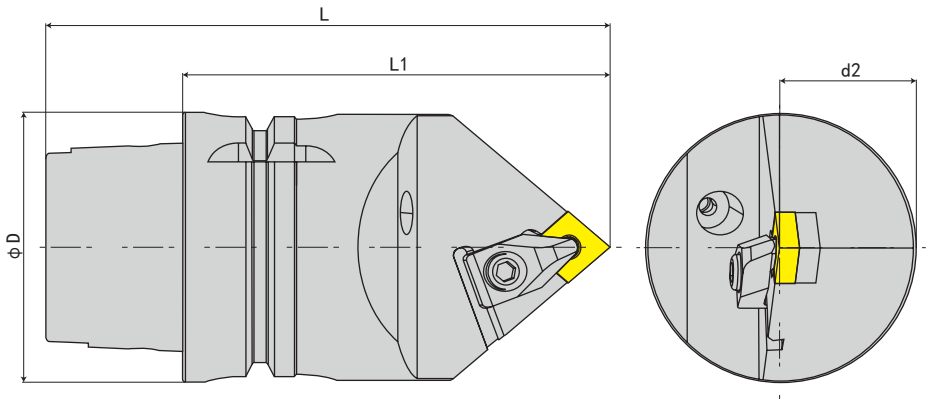
规格 Spec.	L	L1	d1	d2	刀片 Insert	重量（KGS) Weight
HSK-T63-DVLNR-45075-16	107	75	45	31	VN..1604	1.30
HSK-T63-DVLNL-45075-16	107	75	45	31	VN..1604	1.30

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





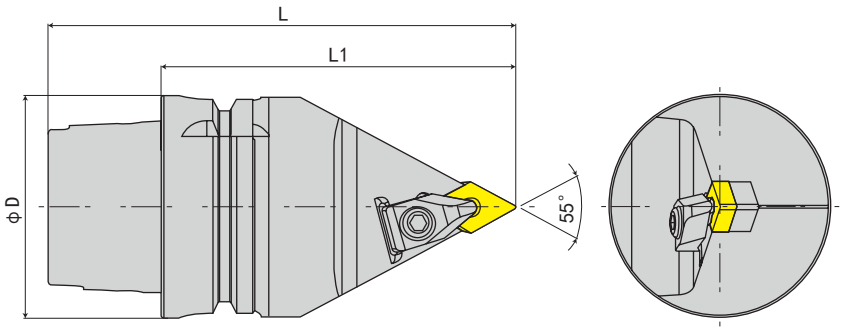
规格 Spec.	L	L1	刀片 Insert	重量（KGS) Weight
HSK-T63-DCMNN-00100-12	132	100	CN..1204	1.68
HSK-T63-DCMNN-00140-12	172	140	CN..1204	1.68

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





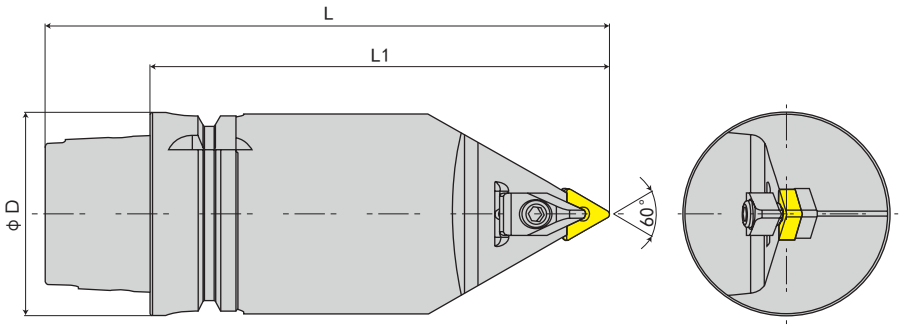
规格 Spec.	L	L1	D	刀片 Insert	重量（KGS) Weight
HSK-T63-DDNNN-00100-15	132	100	63	DN..1504	1.55
HSK-T63-DDNNN-00140-15	172	140	63	DN..1504	1.55

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





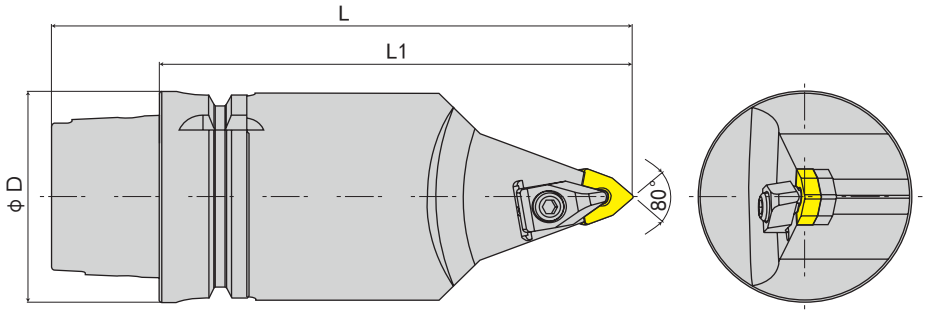
规格 Spec.	L	L1	D	刀片 Insert	重量（KGS) Weight
HSK-T63-DTENN-00100-16	132	100	63	TN..1604	1.62
HSK-T63-DTENN-00140-16	172	140	63	TN..1604	1.62

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





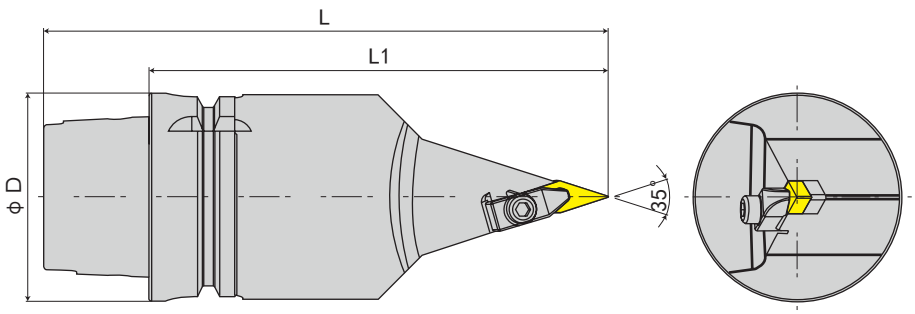
规格 Spec.	L	L1	D	刀片 Insert	重量（KGS） Weight
HSK-T63-DWMNN-00100-08	132	100	63	WN..0804	1.48
HSK-T63-DWMNN-00140-08	172	140	63	WN..0804	1.48

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





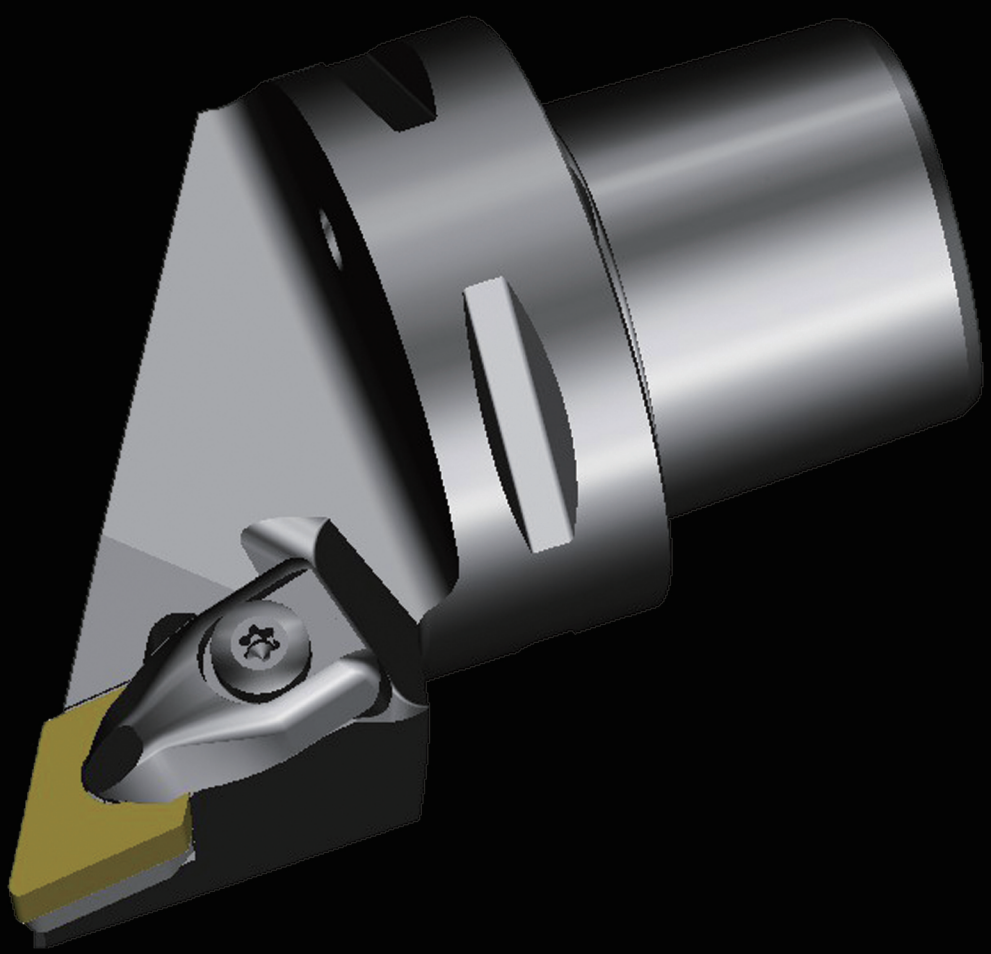
规格 Spec.	L	L1	D	刀片 Insert	重量（KGS） Weight
HSK-T63-DVVNN-00100-16	132	100	63	VN..1604	1.40
HSK-T63-DVVNN-00140-16	172	140	63	VN..1604	1.40

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

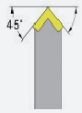
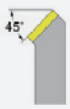
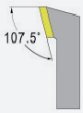
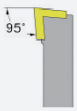
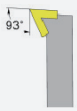
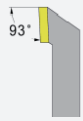
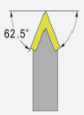
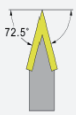
·命名方式 NAMING AND CODING RULES

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

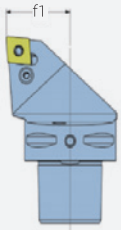
03 刀片形状 Shape	
C	T
D	V
R	W
S	

04 主偏角 Kr					
D		K		S	
H		L		U	
J		N		V	

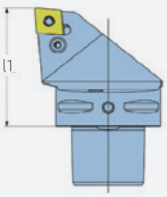
05 刀片后角 Angle
B
C
N

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

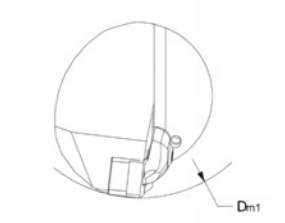


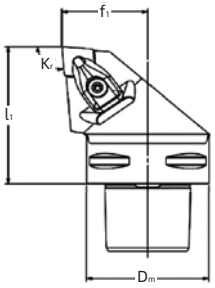
08 L1 Size



09 刀片刃长 Length		
06	10	15
07	11	16
08	12	19

·DCLNR/L-Kr95°





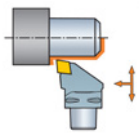


- CNMM CNMG CNMA CNGA
- 刀片仅做示意

- CNMM CNMG CNMA CNGA
- The insert is for illustration only

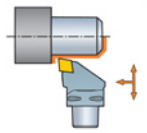
单位 | Unit：mm

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

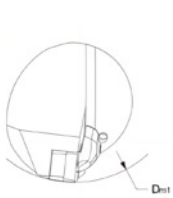
主偏角 - 加工方式 (Kr)-Application	80°	规格 Model	Dm	Dm1	f1	l1	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
95° 	19	PSC50-DCLNR-35060-19	50	80	35	60	-6°	-6°	0.7	CN.. 1906..
	19	PSC50-DCLNL-35060-19	50	80	35	60	-6°	-6°	0.7	
	19	PSC63-DCLNR-45065-19	63	81	45	65	-6°	-6°	1.2	
	19	PSC63-DCLNL-45065-19	63	81	45	65	-6°	-6°	1.2	
	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	

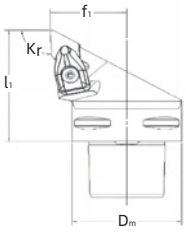
·主要配件 Main spare parts

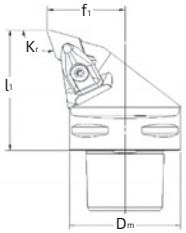
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC32	12	ILD4085	322.236.03	248.150.10	412.028.021
PSC40-PSC80	12	ILD4085	322.234.01	248.150.10	412.028.021
PSC40-PSC80	16	ILD5011	322.234.03	248.200.10	412.028.031
PSC50-PSC80	19	ILD5011	322.236.01	248.200.10	412.028.041
PSC80	25	ILD6012	322.234.05	245.250.10	412.028.051

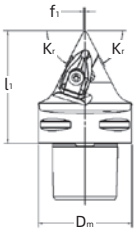
- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价
- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

·DDJNR/L-Kr 93° / DDHNR/L-Kr 107.5° / DDNNN-Kr 62.5°









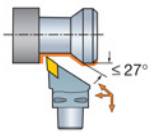


- DNMM DNMX DNMG DNMA DNGA
- 刀片仅做示意

- DNMM DNMX DNMG DNMA DNGA
- The insert is for illustration only

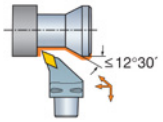
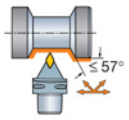
单位 | Unit：mm

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	55°	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	

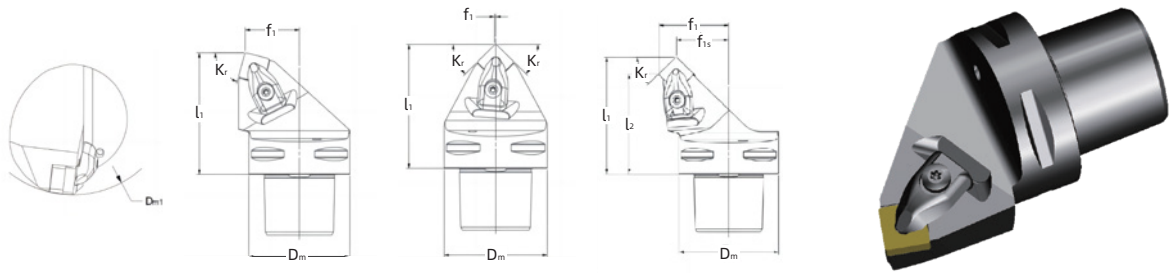
·主要配件 Main spare parts

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

·DSKNR/L-Kr 75° / DSDNN-Kr 45° / DSSNR/L-Kr 45°

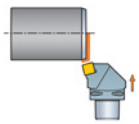


- SNMM SNMG SNMA SNGA
- 刀片仅做示意

- SNMM SNMG SNMA SNGA
- The insert is for illustration only

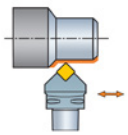
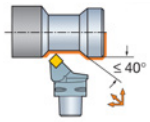
单位 | Unit：mm

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
75°	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

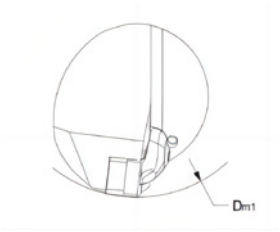
主偏角 - 加工方式 (Kr)-Application	90°	规格 Model	Dm	Dm1	f1	l1	f1s	l1s	Y	λ	重量 m (kg)	ISO 刀片 ISO insert
45° 	12	PSC32-DSDNN-00048-12	32	-	0.3	48	-	-	-6°	-6°	0.19	SN.. 1204..
	12	PSC40-DSDNN-00050-12	40	-	0.3	50	-	-	-6°	-6°	0.32	
	12	PSC50-DSDNN-00060-12	50	-	0.3	60	-	-	-6°	-6°	0.61	
	12	PSC63-DSDNN-00065-12	63	-	0.3	65	-	-	-6°	-6°	1.07	
45° 	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	

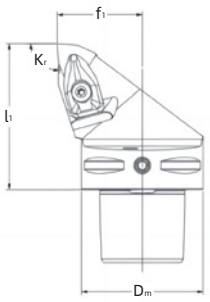
·主要配件 Main spare parts

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°



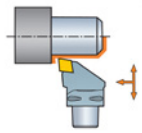




- WNMM WNMG WNGA WNMA
- 刀片仅做示意

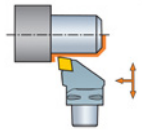
- WNMM WNMG WNGA WNMA
- The insert is for illustration only

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	80°	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	

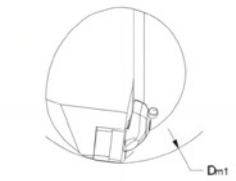
·主要配件 Main spare parts

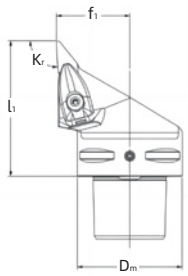
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC32-PSC63	06	ILD3072	322.328.01	242.090.40	412.028.011
PSC40-PSC80	08	ILD4085	322.331.12	248.150.10	412.028.021

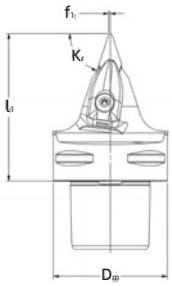
- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

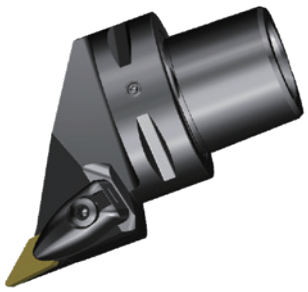
- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

·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° ≤50°	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° ≤70°	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	

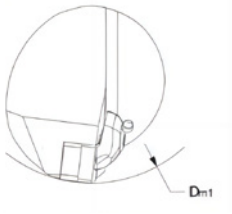
·主要配件 Main spare parts

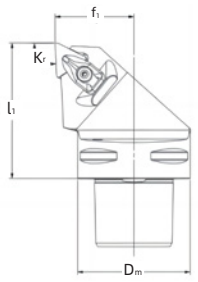
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC40-PSC80	16	ILD3581	322.269.01	248.150.10	412.028.61

- 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°

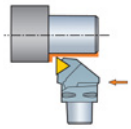






- TNMM TNMX TNMG TNMA TNGA
- 刀片仅做示意

- TNMM TNMX TNMG TNMA TNGA
- The insert is for illustration only

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	

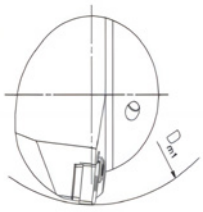
·主要配件 Main spare parts

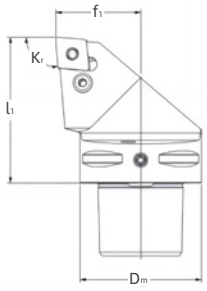
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC32	16	ILD3072	322.316.01	242.090.40	412.028.11
PSC40-PSC80	16	ILD3072	322.315.02	242.090.40	412.028.11

- 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°



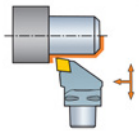




- CNMM CNMG CNMA CNGA
- 刀片仅做示意

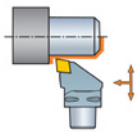
- CNMM CNMG CNMA CNGA
- The insert is for illustration only

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	
	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	
	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	80°	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	

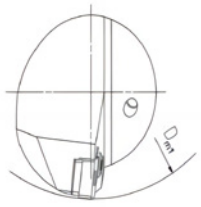
·主要配件 Main spare parts

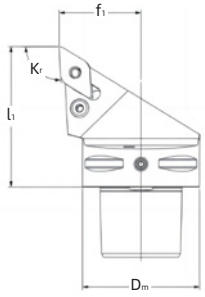
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	勾杆 Lever
PSC40-PSC63	12	414.438.21	322.318.50	241.030.63	413.438.41
PSC40-PSC80	16	414.838.31	322.318.52	241.030.63	413.838.40
PSC50-PSC80	19	414.438.22	322.318.51	241.030.63	413.438.42

- 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

·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° ≤27°	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	

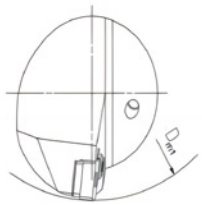
·主要配件 Main spare parts

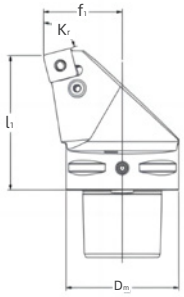
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	勾杆 Lever
PSC40-PSC63	15	414.438.30	322.358.51	241.030.63	413.438.47

- 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°



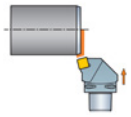




- SNMM SNMG SNMA SNGA
- 刀片仅做示意

- 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	

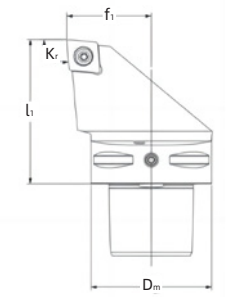
·主要配件 Main spare parts

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

·SCLCR/L-Kr 95°

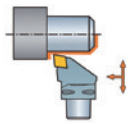




- CCMT CCGT CCGX CCET CCMW
- 刀片仅做示意

- 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	

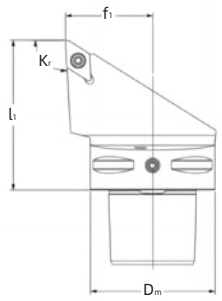
·主要配件 Main spare parts

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°

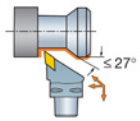




- DCMT DCMX DCGT DCGX DCET DCMW
- 刀片仅做示意

- 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	

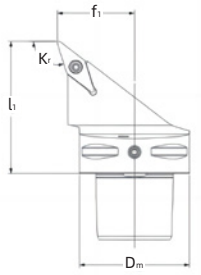
·主要配件 Main spare parts

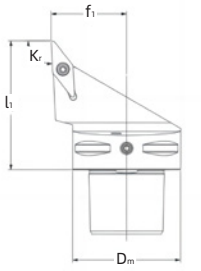
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	刀片螺钉 Insert screw
PSC32-PSC63	11	512.090.01	322.263.01	248.150.10 & 241.035.65	ILD3512

- 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°



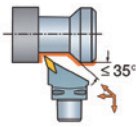
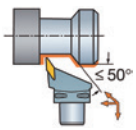




- VBMT VBGT VCGX VCEX VCGT VCET VBMW VCMW
- 刀片仅做示意

- 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	

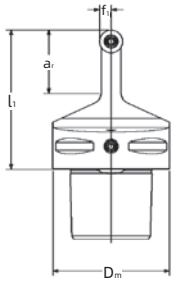
·主要配件 Main spare parts

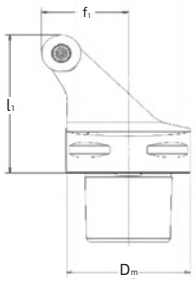
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	刀片螺钉 Insert screw
PSC32-PSC63	16	512.090.01	322.270.01	248.150.10 & 241.035.65	ILD3512

- 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



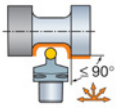
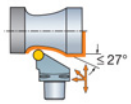




- RCMT RCGX-AL
- 刀片仅做示意

- 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

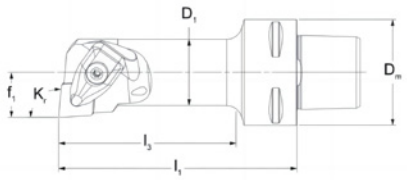
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	刀片螺钉 Insert screw
PSC32-PSC63	10	512.090.01	322.110.01	248.150.10 & 251.035.65	ILD3510
PSC50-PSC63	16	512.090.06	322.110.03	248.200.10 & 241.050.80	ILD5017

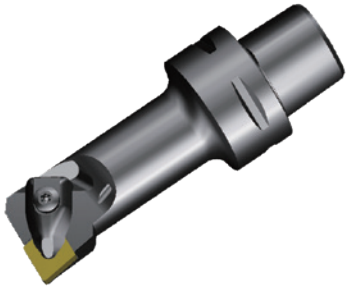
- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- 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

·内圆车刀体 DCLNR/L-Kr 95°



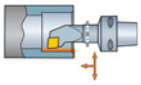




- CNMM CNMG CNMA CNGA
- 刀片仅做示意

- 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

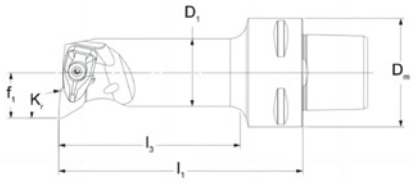
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC40-PSC63	12	ILD4085	322.236.03	248.150.10	412.028.021

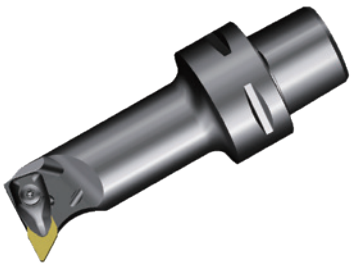
- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- 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°



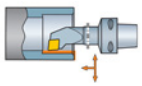




- DNMM DNMX DNMG DNMA DNGA
- 刀片仅做示意

- 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

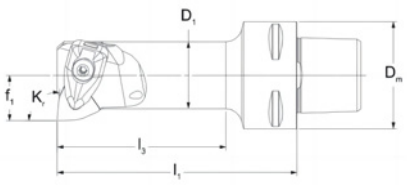
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC40-PSC50	11	ILD3512	322.267.01	242.090.40	412.028.011
PSC40-PSC63	15	ILD4085	322.266.02	248.150.10	412.028.021

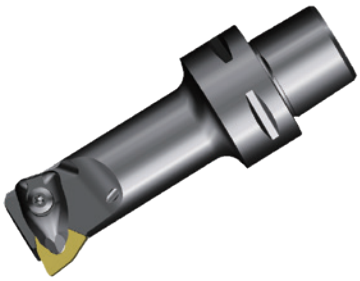
- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- 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

·DWLNR/L-Kr 95°



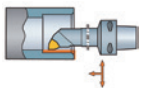




- WNMM WNMG WNGA WNMA
- 刀片仅做示意

- 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

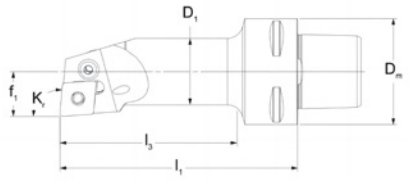
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	整套配件 Complete clamp set
PSC40-PSC50	08	ILD4085	322.328.02	248.150.10	412.028.021

- 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°



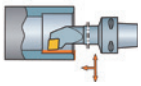




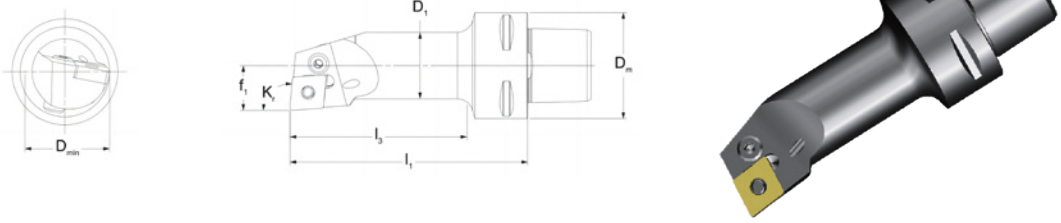
- CNMM CNMG CNMA CNGA
- 刀片仅做示意

- 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	

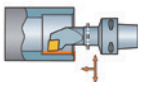
·PCLNR/L-Kr 95°



- 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	

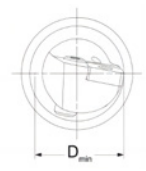
·主要配件 Main spare parts

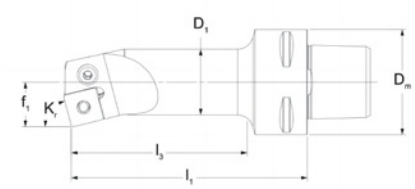
接口尺寸 PSC size	刀片 Insert	螺钉 Screw	刀垫 Shim	扳手 Key	勾杆 Lever
PSC32-PSC63(D25)	12	414.838.32	-	241.025.56	413.838.41-1
PSC32-PSC63(D32-D50)	12	414.438.21	322.318.50	241.030.63	413.438.41

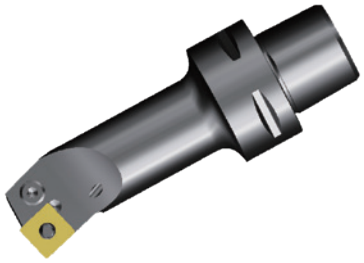
- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- 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°



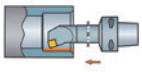




- SNMM SNMG SNMA SNGA
- 刀片仅做示意

- 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

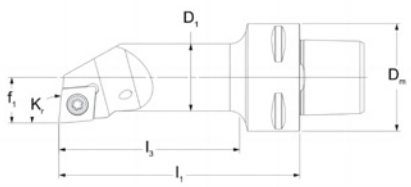
接口尺寸 PSC size	刀片 Insert	刀垫螺钉 Shim screw	刀垫 Shim	扳手 Key	勾杆 Lever
PSC40-PSC50(D25)	12	414.838.32	-	241.025.56	413.838.41-1
PSC50-PSC63(D32-D40)	12	414.438.21	322.438.51	241.030.63	413.438.41

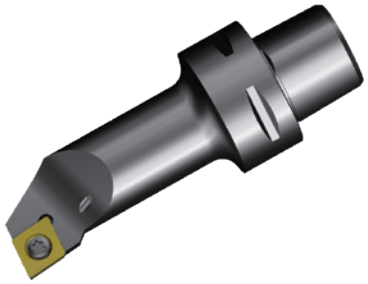
- 订货包含配件，不供应刀片产品
- 可单独订购配件，按需询价

- 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°



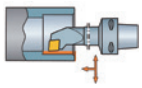




- CCMT CCGT CCGX CCET CCMW
- 刀片仅做示意

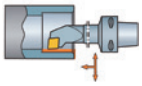
- CCMT CCGT CCGX CCET CCMW
- The insert is for illustration only

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	80°	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	

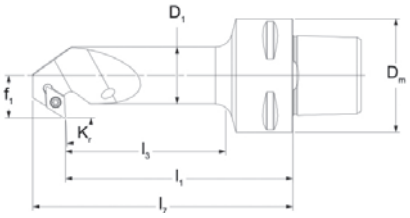
·主要配件 Main spare parts

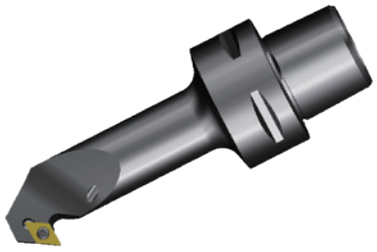
接口尺寸 PSC size	刀片 Insert	螺钉 Screw	刀垫 Shim	扳手 Key	刀片螺钉 Insert screw
PSC32-PSC50(D25)	12	-	-	248.150.10	ILD4011-A
PSC32-PSC50(D32-D40)	12	512.090.03	322.232.02	248.150.10 & 241.040.70	ILD4014

- 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

·SDUCR/L-Kr 93°





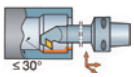


- DCMT DCMX DCGT DCGX DCET DCMW
- 刀片仅做示意

- 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	



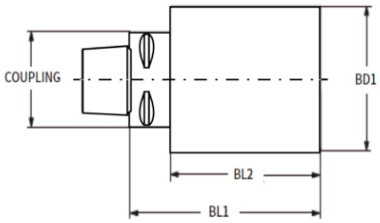
·主要配件 Main spare parts

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

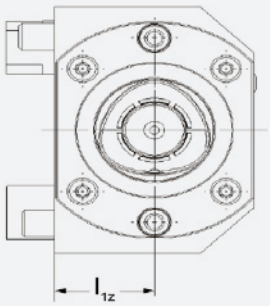
02 刀体方向 Hand of Tool

L	左手方 Left
R	右手方向 Right
N	不区分左右手方向 Null

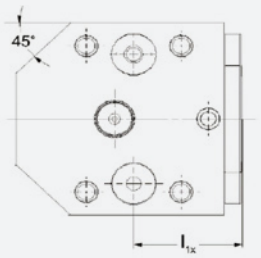
03 产品种类 Production Type

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

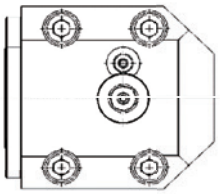


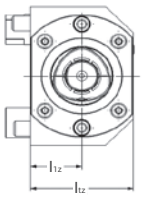
06 制式 Format

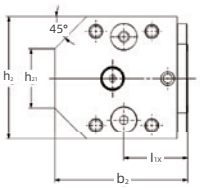
M	标准款 Standard

·CUSA 型

CUSA



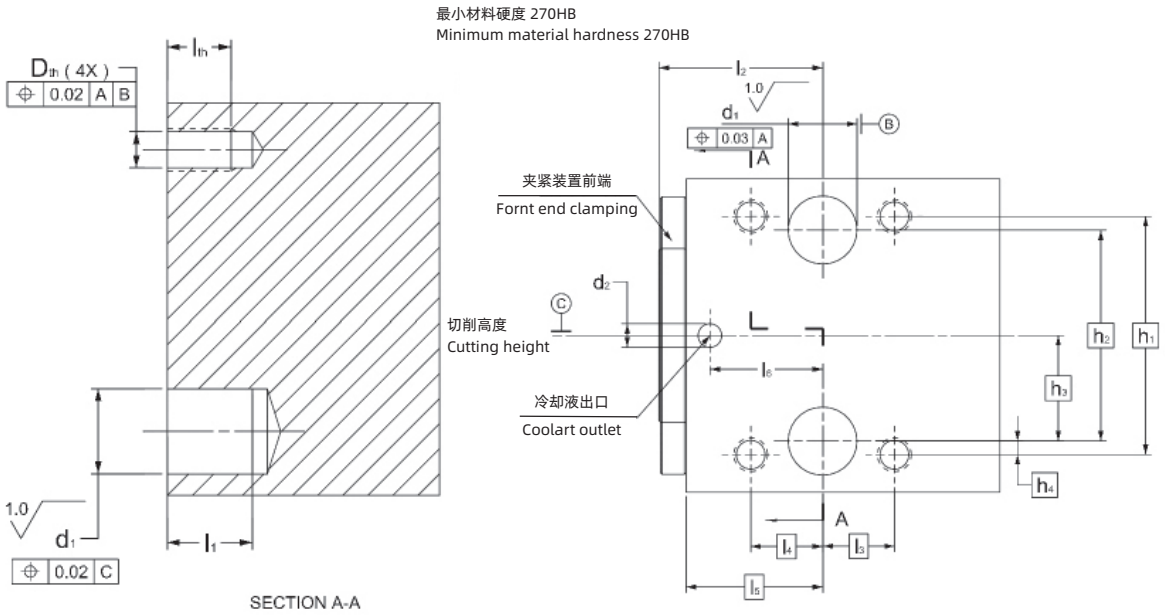






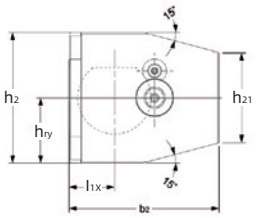
接口尺寸 PSC size	规格 Model	b_2	h_2	h_{21}	l_{1x}	l_{1z}	l_{tz}	重量 kgs
PSC32	PSC32-RCUSA-19039	73	54	30	39	19	38	1.30
PSC32	PSC32-LCUSA-19039	73	54	30	39	19	38	1.30
PSC40	PSC40-RCUSA-24043	86	77	38	43	24	48	2.26
PSC40	PSC40-LCUSA-24043	86	77	38	43	24	48	2.26
PSC50	PSC50-RCUSA-32048	100	92	44	48	32	64	3.74
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

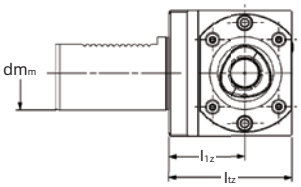
·夹紧装置 R\L RUSA 应用设计说明 CLAMPING DEVICE R \ L RUSA APPLICATION DESIGN DESCRIPTION



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

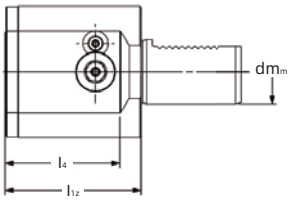


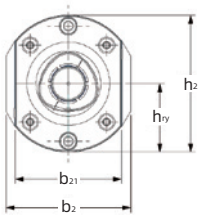




VDI 尺寸 VDI size	接口尺寸 PSC size	规格 Model	b_2	h_{ry}	h_2	h_{21}	l_{1x}	l_{1x}	l_{1z}	重量 KGS
30	PSC32	PSC32-RCVDI30-41020M	74	30	57	38	20	41	60	2.1
30	PSC32	PSC32-LCVDI30-41020M	74	30	57	38	20	41	60	2.1
30	PSC32	PSC32-RCVDI30-41030M	73	30	57	41	30	41	60	2.2
30	PSC32	PSC32-LCVDI30-41030M	73	30	57	41	30	41	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

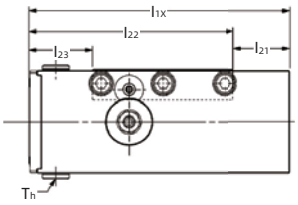


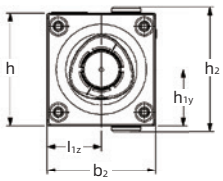




VDI 尺寸 VDI size	接口尺寸 PSC size	规格 Model	b_{21}	b_2	h_{ry}	h_2	l_{1z}	l_4	重量 KGS
30	PSC32	PSC32-RCVDI30-00060M	38	50	34	61	60	44	1
30	PSC32	PSC32-LCVDI30-00060M	38	50	34	61	60	44	1
40	PSC40	PSC40-RCVDI40-00075M	48	75	41	75	75	53	2.2
40	PSC40	PSC40-LCVDI40-00075M	48	75	41	75	75	53	2.2
50	PSC40	PSC40-RCVDI50-00065M	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

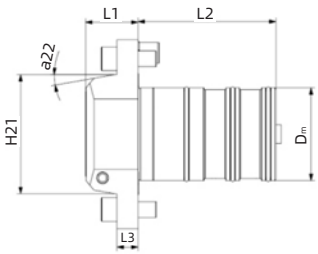


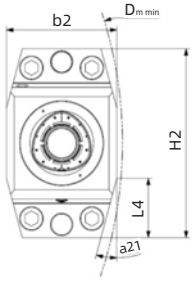




接口尺寸 PSC size	规格 Model	b_2	h_{1y}	h_2	l_{1x}	l_{1z}	l_{21}	l_{22}	l_{23}	T_h	重量 KGS
PSC32	PSC32-RCSQUA-4038M	38	20	62	95	19	16.5	78.5	25	G1/8	11.3
PSC32	PSC32-LCSQUA-4038M	38	20	62	95	19	16.5	78.5	25	G1/8	1.3
PSC40	PSC40-RCSQUA-5048M	48	25	54	125	24	24	101	30.5	G1/8	2.3
PSC40	PSC40-LCSQUA-5048M	48	25	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	b2	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

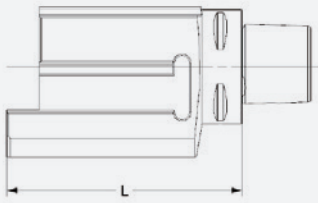
01 接口规格 Coupling Type

PSC	32
	40
	50
	63
	80

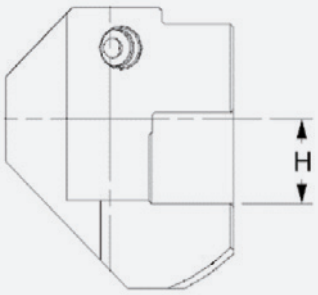
02 产品类型 Production Type

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

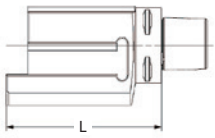
03 有效长度 Length

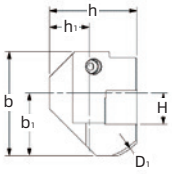


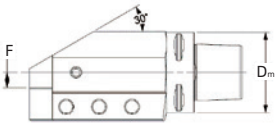
04 刀杆尺寸 Height



·通用刀柄 0°接杆 General Purpose 0° Adaptor





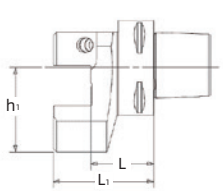


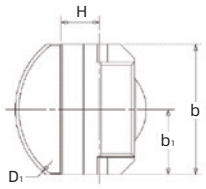


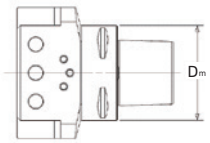
单位 | Unit：mm

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





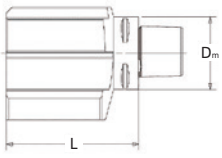


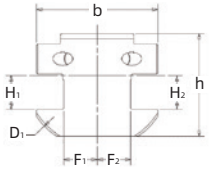


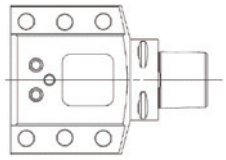
单位 | Unit：mm

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









单位丨 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

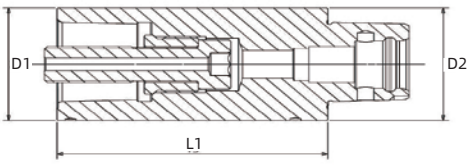
03 有效长度 Length

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

·PSC 加长杆 PSC Extension Adaptor

·主要配件 (M) Main spare parts(M)

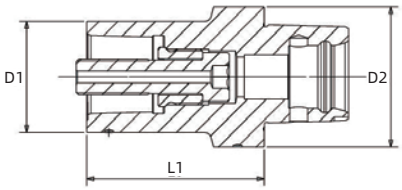
接口尺寸 PSC size	螺纹套 Thereaded sleeve	拉钉 Pull stud	扳手 Key
PSC32	SRLM1815155123	SCFM1215D16050	241.080.00
PSC40	SRLM2215175143	SCFM1415D19057	241.080.00
PSC50	SRLM2515200163	SCFM1615D22069	241.100.00
PSC63	SRLM3015240203	SCFM2020D27087	241.140.00
PSC80	SRLM3015240203	SCFM2020D27087	241.140.00

- 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 | 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

·PSC 缩颈杆 PSC Reduction Adaptor

·主要配件 (M) Main spare parts(M)

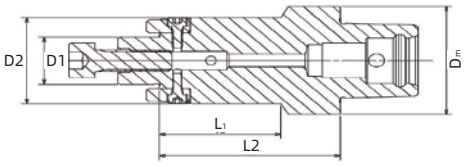
接口尺寸 PSC size	螺纹套 Thereaded sleeve	拉钉 Pull stud	扳手 Key
PSC32	SRLM1815155123	SCFM1215D16050	241.080.00
PSC40	SRLM2215175143	SCFM1415D19057	241.080.00
PSC50	SRLM2515200163	SCFM1615D22069	241.100.00
PSC63	SRLM3015240203	SCFM2020D27087	241.140.00
PSC80	SRLM3015240203	SCFM2020D27087	241.140.00

- 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





单位丨 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

·PSC 转芯轴接柄 PSC with Type Arbor AdaptorPSC with Type Arbor Adaptor

单位 | Unit：mm

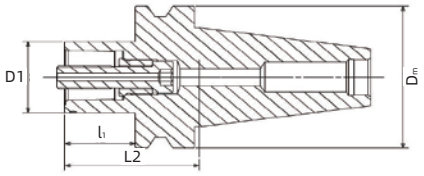
规格 Model	Dm	D1	D2	L1	L2	重量 m (kg)
PSC63-A32A-025M	63	32	63	—	25	1.09
PSC63-A40A-045M	63	40	70	20	45	1.75
PSC63-A40C-050M	63	40	88	28	50	2.40
PSC80-A16A-050M	80	16	32	10	50	2.10
PSC80-A22A-030M	80	22	80	-	30	1.86
PSC80-A22A-090M	80	22	40	45	90	2.40
PSC80-A27A-030M	80	27	50	-	30	1.91
PSC80-A27A-090M	80	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 Main spare parts

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 | 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

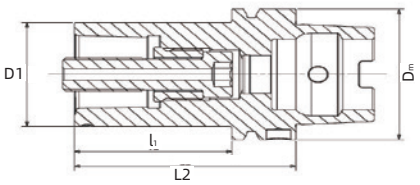
·BT 转 PSC 接柄 BT with Type PSC Adaptor

·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

两面定位系统

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。

两面定位

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**刀具寿命
- **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

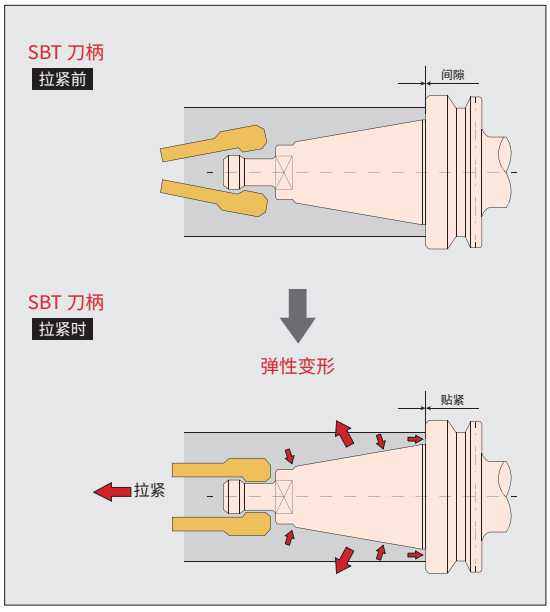
拉入量对于端面紧贴很重要！！

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

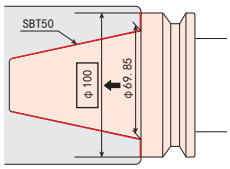
上表中的数值仅供参考，拉入量因主轴形状及紧固机构而异。（本公司加工中心的实测值）



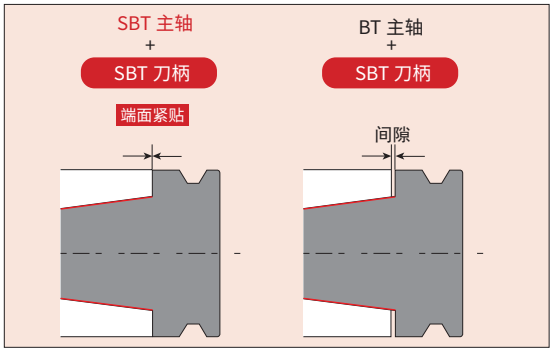
增加刀柄的基准直径，刚性增强。

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



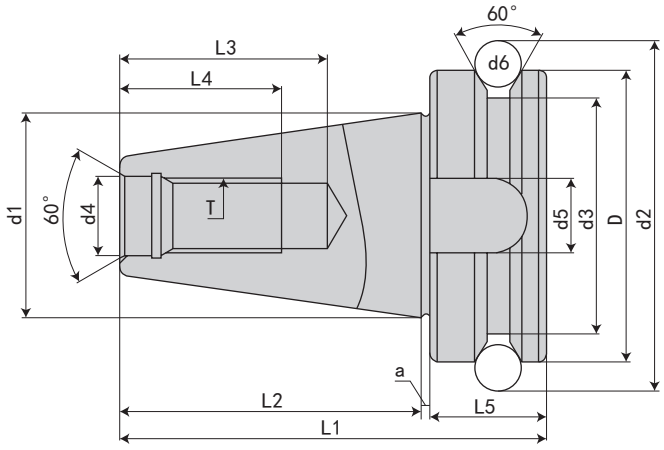
刀柄除端面位置尺寸外，其他尺寸均以 MAS-BT 规格为标准。

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。

·参考资料 REFERENCE DETAILS



规格 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	43	30	26	1	M16*2.0P
SBT50	100	69.85	119.02	83	25	25.7	15	139.8	101.8	62	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

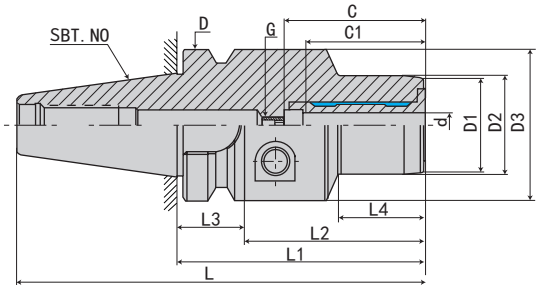
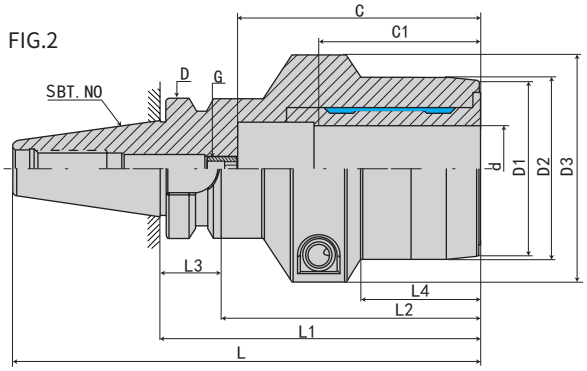




FIG.2



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
-PHC3.175- 60	108.4	60	38	22	28	46	20	23	45	3.175	*	18	*	1	0.75
-PHC04- 60	108.4	60	38	22	28	46	21	24	45	4	*	24	*	1	0.75
-PHC05- 60	108.4	60	38	22	28	46	22	25	45	5	*	26	*	1	0.75
-PHC06- 70	118.4	70	48	22	28	46	23	26	45	6	37	27	M5*0.8P	1	0.8
-PHC08- 70	118.4	70	48	22	28	46	25	28	45	8	37	27	M6*1.0P	1	0.85
-PHC10- 75	123.4	75	53	22	36	46	27	30	45	10	41	31	M8*1.0P	1	0.85
-PHC12- 75	123.4	75	53	22	36	46	29	32	45	12	46	36	M10*1.0P	1	0.85
-PHC14- 85	133.4	85	63	22	44	46	31	34	45	14	46	36	M10*1.0P	1	0.95
-PHC16- 90	138.4	90	68	22	48	46	35	38	45	16	52	39	M12*1.0P	1	1.05
-PHC18- 90	138.4	90	68	22	48	46	37	40	45	18	52	39	M12*1.0P	1	1.1
-PHC20- 90	138.4	90	68	22	48	46	39	42	45	20	52	41	M16*1.0P	1	1.15
-PHC25-105	153.4	105	83	22	44	46	52	55	63	25	80	47	M16*1.0P	2	1.65
-PHC32-105	153.4	105	83	22	39	46	57	60	68	32	80	51	M16*1.0P	2	1.8

规格说明:

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

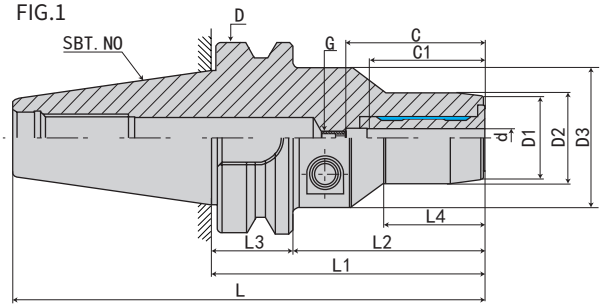
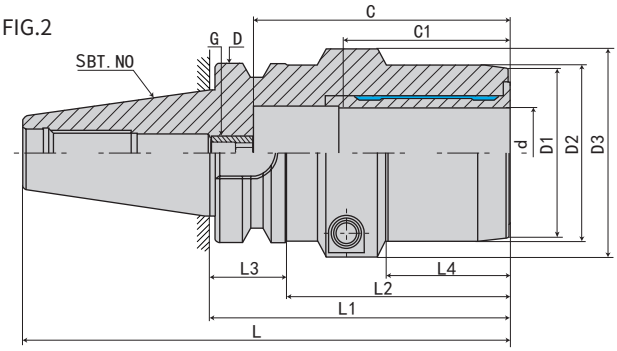




FIG.2



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
- 90	155.4	90	63	27	29	63	20	23	50	3	*	18	*	1	1.38
-PHC3.175- 75	140.4	75	48	27	26	63	20	23	50	3.175	*	18	*	1	1.28
- 90	155.4	90	63	27	29	63	20	23	50	3.175	*	18	*	1	1.38
-PHC04- 75	140.4	75	48	27	26	63	21	24	50	4	*	24	*	1	1.28
- 90	155.4	90	63	27	29	63	21	24	50	4	*	24	*	1	1.38
-PHC05- 75	140.4	75	48	27	26	63	22	25	50	5	*	26	*	1	1.3
- 90	155.4	90	63	27	29	63	22	25	50	5	*	26	*	1	1.4
-PHC06- 75	140.4	75	48	27	26	63	23	26	50	6	37	27	M5*0.8P	1	1.32
- 90	155.4	90	63	27	29	63	23	26	50	6	37	27	M5*0.8P	1	1.41
-PHC08- 75	140.4	75	48	27	26	63	25	28	50	8	37	27	M6*1.0P	1	1.36
- 90	155.4	90	63	27	30	63	25	28	50	8	37	27	M6*1.0P	1	1.46
-PHC10- 75	140.4	75	48	27	26	63	27	30	50	10	41	31	M8*1.0P	1	1.43
- 90	155.4	90	63	27	35	63	27	30	50	10	41	31	M8*1.0P	1	1.57
-PHC12- 75	140.4	75	48	27	26	63	29	32	50	12	46	36	M10*1.0P	1	1.46
- 90	155.4	90	63	27	40	63	29	32	50	12	46	36	M10*1.0P	1	1.62
-PHC14- 75	140.4	75	48	27	26	63	31	34	50	14	46	36	M10*1.0P	1	1.48
- 90	155.4	90	63	27	40	63	31	34	50	14	46	36	M10*1.0P	1	1.68
-PHC16- 75	140.4	75	48	27	26	63	35	38	50	16	75	39	M12*1.0P	1	1.51
- 90	155.4	90	63	27	45	63	35	38	50	16	75	39	M12*1.0P	1	1.7
-PHC18- 75	140.4	75	48	27	26	63	37	40	50	18	75	39	M12*1.0P	1	1.51
- 90	155.4	90	63	27	46	63	37	40	50	18	75	39	M12*1.0P	1	1.7
-PHC20- 75	140.4	75	48	27	26	63	39	42	50	20	80	41	M16*1.0P	1	1.52
- 90	155.4	90	63	27	47	63	39	42	50	20	80	41	M16*1.0P	1	1.75
-PHC25-105	170.4	105	78	27	50	63	52	55	63	25	80	47	M16*1.0P	1	2.05
-PHC32-105	170.4	105	78	27	48	63	60	63	73	32	90	51	M16*1.0P	2	2.34
-PHC40-120	185.4	120	93	27		63				40	90		M16*1.0P	2	3
-PHC42-120	185.4	120	93	27		63				42	90		M16*1.0P	2	3

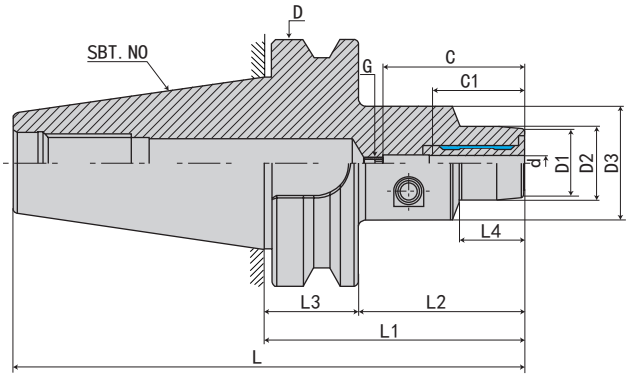
规格说明:

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
-120	221.8	120	82	38	44	100	22	25	49.5	5	*	26	*	4.5
-PHC06- 90	191.8	90	52	38	32	100	23	26	49.5	6	37	27	M5*0.8P	4.2
-120	221.8	120	82	38	44	100	23	26	49.5	6	37	27	M5*0.8P	4.5
-PHC08- 90	191.8	90	52	38	32	100	25	28	49.5	8	37	27	M6*1.0P	4.2
-120	221.8	120	82	38	44	100	25	28	49.5	8	37	27	M6*1.0P	4.5
-PHC10- 90	191.8	90	52	38	32	100	27	30	49.5	10	41	31	M8*1.0P	4.2
-120	221.8	120	82	38	44	100	27	30	49.5	10	41	31	M8*1.0P	4.5
-PHC12- 90	191.8	90	52	38	32	100	29	32	49.5	12	46	36	M10*1.0P	4.3
-120	221.8	120	82	38	44	100	29	32	49.5	12	46	36	M10*1.0P	4.5
-PHC14- 90	191.8	90	52	38	32	100	31	34	49.5	14	46	36	M10*1.0P	4.3
-120	221.8	120	82	38	44	100	31	34	49.5	14	46	36	M10*1.0P	4.6
-PHC16- 90	191.8	90	52	38	32	100	35	38	49.5	16	75	39	M12*1.0P	4.3
-120	221.8	120	82	38	48	100	35	38	49.5	16	75	39	M12*1.0P	4.6
-PHC18- 90	191.8	90	52	38	32	100	37	40	49.5	18	75	39	M12*1.0P	4.4
-120	221.8	120	82	38	48	100	37	40	49.5	18	75	39	M12*1.0P	4.6
-PHC20- 90	191.8	90	52	38	32	100	39	42	49.5	20	75	41	M16*1.0P	4.4
-120	221.8	120	82	38	48	100	39	42	49.5	20	75	41	M16*1.0P	4.7
-PHC25-120	221.8	120	82	38	48	100	53	57	63	25	80	47	M16*1.0P	4.9
-PHC32-120	221.8	120	82	38	48	100	58	62	70	32	90	51	M16*1.0P	5.2
-PHC40-120	221.8	120	82	38		100				40	90	61	M16*1.0P	6
-PHC42-120	221.8	120	82	38		100				42	90	61	M16*1.0P	6
-PHC50-120	221.8	120	82	38		100				50	90	61	M16*1.0P	7

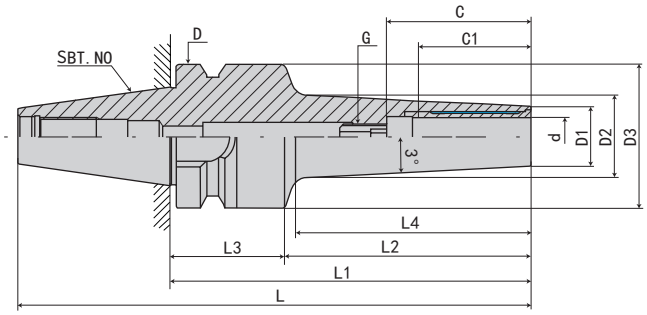
规格说明:

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
-SPHC04- 85	133.4	85	63	22	42	46	11		45	4	*	24	*	1.1
-SPHC05- 85	133.4	85	63	22	42	46	12		45	5	*	26	*	1.4
-SPHC06-115	163.4	115	93	22	74	46	13		45	6	37	27	M5*0.8P	1.4
-SPHC08-115	163.4	115	93	22	74	46	15		45	8	37	27	M6*1.0P	1.4
-SPHC10-115	163.4	115	93	22	74	46	17		45	10	41	31	M8*1.0P	1.4
-SPHC12-115	163.4	115	93	22	75	46	19		45	12	46	36	M10*1.0P	1.4

规格说明:

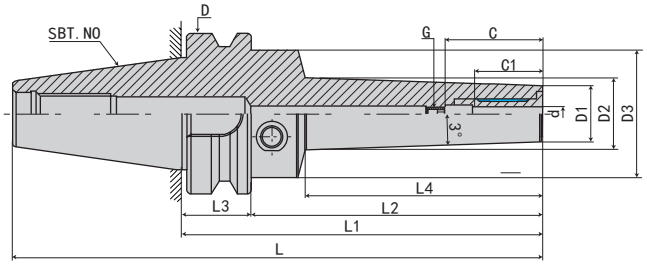
SBT30 - SPHC - 03 - 85

- 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
-120	185.4	120	93	27	72	63	11		46	3	*	18	*	1.3
-SPHC04- 90	155.4	90	63	27	42	63	11		46	4	*	24	*	1.1
-120	185.4	120	93	27	72	63	11		46	4	*	24	*	1.3
-SPHC05- 90	155.4	90	63	27	42	63	12		46	5	*	26	*	1.4
-120	185.4	120	93	27	72	63	12		46	5	*	26	*	1.3
-SPHC06-120	185.4	120	93	27	74	63	13		46	6	37	27	M5*0.8P	1.4
-150	215.4	150	123	27	104	63	13		46	6	37	27	M5*0.8P	1.5
-200	265.4	200	173	27	154	63	13		46	6	37	27	M5*0.8P	1.7
-SPHC08-120	185.4	120	93	27	74	63	15		46	8	37	27	M6*1.0P	1.4
-150	215.4	150	123	27	104	63	15		46	8	37	27	M6*1.0P	1.5
-200	265.4	200	173	27	154	63	15		46	8	37	27	M6*1.0P	1.7
-SPHC10-120	185.4	120	93	27	74	63	17		46	10	41	31	M8*1.0P	1.4
-150	215.4	150	123	27	104	63	17		46	10	41	31	M8*1.0P	1.5
-200	265.4	200	173	27	154	63	17		46	10	41	31	M8*1.0P	1.7
-SPHC12-120	185.4	120	93	27	75	63	19		46	12	46	36	M10*1.0P	1.4
-150	215.4	150	123	27	105	63	19		46	12	46	36	M10*1.0P	1.5
-200	265.4	200	173	27	154	63	19		46	12	46	36	M10*1.0P	1.7
-SPHC14-120	185.4	120	93	27	75	63	21		46	14	46	36	M10*1.0P	1.4
-150	215.4	150	123	27	105	63	21		46	14	46	36	M10*1.0P	1.5
-200	265.4	200	173	27	154	63	21		46	14	46	36	M10*1.0P	1.7
-SPHC16-120	185.4	120	93	27	75	63	23		50	16	49	39	M12*1.0P	1.5
-150	215.4	150	123	27	105	63	23		50	16	49	39	M12*1.0P	1.6
-SPHC16-200	265.4	200	173	27	154	63	23		50	16	49	39	M12*1.0P	1.8
-SPHC18-120	185.4	120	93	27	75	63	25		50	18	49	39	M12*1.0P	1.5
-150	215.4	150	123	27	105	63	25		50	18	49	39	M12*1.0P	1.6
-200	265.4	200	173	27	154	63	25		50	18	49	39	M12*1.0P	1.8
-SPHC20-120	185.4	120	93	27	75	63	27		50	20	51	41	M16*1.0P	1.6
-150	215.4	150	123	27	105	63	27		50	20	51	41	M16*1.0P	1.7
-200	265.4	200	173	27	154	63	27		50	20	51	41	M16*1.0P	1.9

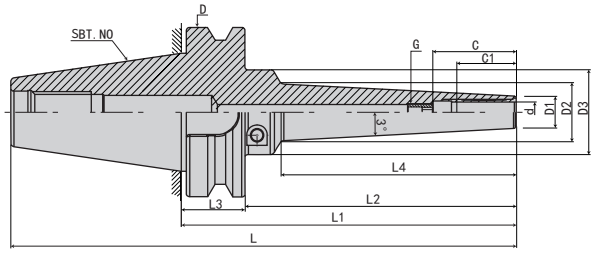
规格说明:

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
-200	301.8	200	162	38	130	100	12		50	5	*	26	*	4.4
-250	351.8	250	212	38	180	100	12		50	5	*	26	*	4.6
-300	401.8	300	262	38	230	100	12		50	5	*	26	*	4.8
-SPHC06-150	251.8	150	112	38	80	100	13		50	6	37	27	M5*0.8P	4.2
-200	301.8	200	162	38	130	100	13		50	6	37	27	M5*0.8P	4.4
-250	351.8	250	212	38	180	100	13		50	6	37	27	M5*0.8P	4.6
-300	401.8	300	262	38	230	100	13		50	6	37	27	M5*0.8P	4.8
-SPHC08-150	251.8	150	112	38	80	100	15		50	8	37	27	M6*1.0P	4.2
-200	301.8	200	162	38	130	100	15		50	8	37	27	M6*1.0P	4.4
-250	351.8	250	212	38	180	100	15		50	8	37	27	M6*1.0P	4.6
-300	401.8	300	262	38	230	100	15		50	8	37	27	M6*1.0P	4.8
-SPHC10-150	251.8	150	112	38	80	100	17		50	10	41	31	M8*1.0P	4.3
-200	301.8	200	162	38	130	100	17		50	10	41	31	M8*1.0P	4.5
-250	351.8	250	212	38	180	100	17		50	10	41	31	M8*1.0P	4.7
-300	401.8	300	262	38	230	100	17		50	10	41	31	M8*1.0P	4.9
-SPHC12-150	251.8	150	112	38	80	100	19		50	12	46	36	M10*1.0P	4.3
-200	301.8	200	162	38	130	100	19		50	12	46	36	M10*1.0P	4.5
-250	351.8	250	212	38	180	100	19		50	12	46	36	M10*1.0P	4.7
-300	401.8	300	262	38	230	100	19		50	12	46	36	M10*1.0P	4.9
-SPHC14-150	251.8	150	112	38	80	100	21		50	14	46	36	M10*1.0P	4.4
-200	301.8	200	162	38	130	100	21		50	14	46	36	M10*1.0P	4.6
-250	351.8	250	212	38	180	100	21		50	14	46	36	M10*1.0P	4.8
-300	401.8	300	262	38	230	100	21		50	14	46	36	M10*1.0P	5
-SPHC16-150	251.8	150	112	38	80	100	23		50	16	75	39	M12*1.0P	4.4
-200	301.8	200	162	38	130	100	23		50	16	75	39	M12*1.0P	4.6
-250	351.8	250	212	38	180	100	23		50	16	75	39	M12*1.0P	4.8
-300	401.8	300	262	38	230	100	23		50	16	75	39	M12*1.0P	5
-SPHC18-150	251.8	150	112	38	80	100	25		50	18	75	39	M12*1.0P	4.5
-200	301.8	200	162	38	130	100	25		50	18	75	39	M12*1.0P	4.7
-250	351.8	250	212	38	180	100	25		50	18	75	39	M12*1.0P	4.9
-300	401.8	300	262	38	230	100	25		50	18	75	39	M12*1.0P	5.1
-SPHC20-150	251.8	150	112	38	80	100	27		50	20	75	41	M16*1.0P	4.6
-200	301.8	200	162	38	130	100	27		50	20	75	41	M16*1.0P	4.8
-250	351.8	250	212	38	180	100	27		50	20	75	41	M16*1.0P	5
-300	401.8	300	262	38	230	100	27		50	20	75	41	M16*1.0P	5.2

规格说明:

SBT50 - SPHC - 05 - 150

- 150: L1 长度 Length (L1)
- 05: 刀杆直径 Diameter
- SPHC: 功能代号 Holder type
- SBT50: 锥柄形式 Taper size

·SBT-SLK 热缩基础柄

SBT-SLK SEMI-FINISHED SHRINK FIT CHUCK







FIG. 1

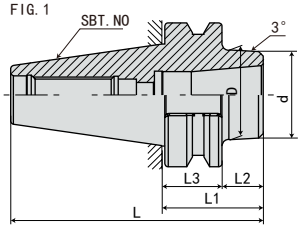


FIG. 2

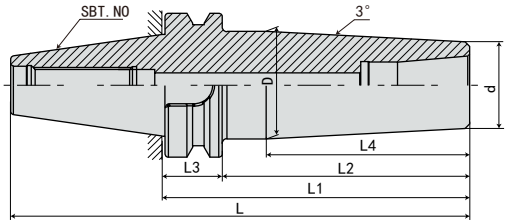
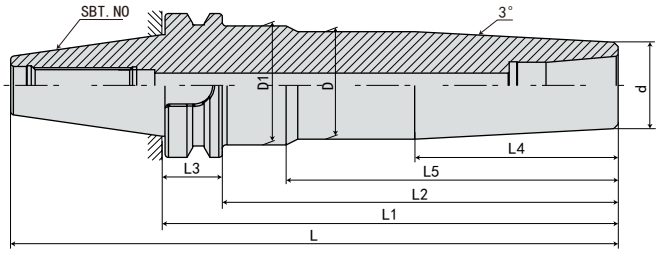


FIG. 3



配 件 Accessories



» P.K19

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
- 75	140.4	75	49	27	-	-	42.4	-	38	1	1.45
-135	200.4	135	109	27	89	-	47	-	38	2	2.2
-165	230.4	165	139	27	89	-	47	-	38	2	2.65
-200	265.4	200	174	27	89	145	47	52	38	3	3.25
-225	290.4	225	199	27	89	145	47	52	38	3	

规格说明:

SBT30 - SLK - 12 - 45

- 45 — L1 长度 Length (L1)
- 12 — 刀杆直径 Diameter
- SLK — 功能代号 Holder type
- SBT30 — 锥柄形式 Taper size

·SBT50-SLK 热缩基础柄

SBT50-SLK SEMI-FINISHED SHRINK FIT CHUCK





FIG. 1

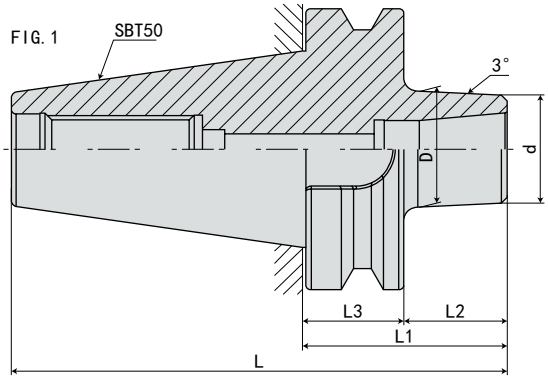
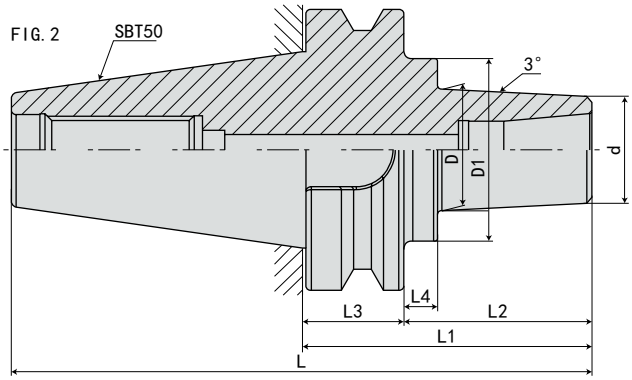


FIG. 2



配 件 Accessories



» P.K19

规 格 Model	L	L1	L2	L3	L4	D	D1	d	FIG	重量 KGS
SBT50-SLK12- 75	176.8	75	38.5	38	-	41	-	38	1	
-105	206.8	105	68.5	38	12	43	65	38	2	
-135	236.8	135	98.5	38	12	46.5	65	38	2	
-165	266.8	165	128.5	38	12	50	65	38	2	
-225	326.8	225	188.5	38	12	56	65	38	2	
-265	366.8	265	228.5	38	12	60	65	38	2	
-315	416.8	315	278.5	38	12	65.5	65.5	38	2	

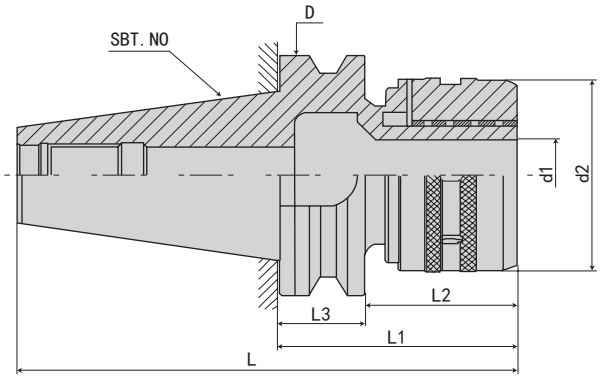
规格说明:

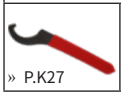
SBT50 - SLK - 12 - 75

- 75 L1 长度 Length (L1)
- 12 刀杆直径 Diameter
- SLK 功能代号 Holder type
- SBT50 锥柄形式 Taper size

· SBT–C 型高精度强力刀柄 SBT-C FORCE MILLING CHUCK





配 件 Accessories		
 » P.K27	 » P.K12	 » P.K19

规 格 Model	L	L1	L2	L3	D	d1	d2	夹持范围 Range	重量 KGS
SBT30-C20- 80	128.4	80	59	22	46	20	58	3 4 5 6 8 10 12 14 16 20	
-C25-100	148.4	100	79	22	46	25	63	3 4 5 6 8 10 12 14 16 18 20 25	
-C32-105	153.4	105	84	22	46	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	
SBT40-C20-100	165.4	100	74	27	63	20	58	3 4 5 6 8 10 12 14 16 20	
-C25-100	165.4	100	74	27	63	25	63	3 4 5 6 8 10 12 14 16 18 20 25	
-135	200.4	135	109	27	63	25	63	3 4 5 6 8 10 12 14 16 18 20 25	
-C32-105	170.4	105	79	27	63	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	
-135	200.4	135	109	27	63	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	
-165	230.4	165	139	27	63	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	
-200	265.4	200	174	27	63	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	
SBT50-C25-110	211.8	110	73.5	38	100	25	63	3 4 5 6 8 10 12 14 16 18 20 25	
-135	236.8	135	98.5	38	100	25	63	3 4 5 6 8 10 12 14 16 18 20 25	
-165	266.8	165	128.5	38	100	25	63	3 4 5 6 8 10 12 14 16 18 20 25	
-C32-110	211.8	110	73.5	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	
-135	236.8	135	98.5	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	
-165	266.8	165	128.5	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	
-200	301.8	200	163.5	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	
-250	351.8	250	213.5	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	
-300	401.8	300	263.5	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	
-C42-135	236.8	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	
-165	266.8	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	
-200	301.8	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：

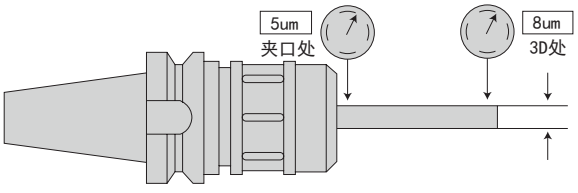
高速、高精度、高寿命直柄刀具系列
◎材质：20CrMnTi/15CrMn
◎硬度：HRC58-60，渗碳深度＞ 0.8mm
◎锥柄公差等级：≤ AT3
◎刀柄内孔分割了六槽，以防止刀具转动，增大夹持力
◎采用特殊材料制作滚针轴承保持架，延长使用寿命，增强夹紧力
◎具有夹持力大，定点精度高，特别适用于强力切削
◎可提供两种外观：光饰或涂层处理
◎内孔多次研磨，可达 Ra0.4, 起到镜面效果
◎外圆及端面多次研磨，可达 Ra0.4, 起到镜面效果
◎表面“环保”特殊涂层处理，提高表面硬度、耐磨性，提高清洁度，精度更稳定，表面更光滑，防锈、防腐蚀效果更好，手感更舒适，外观更美观
◎扳手、拉钉、筒夹须另行购买

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.

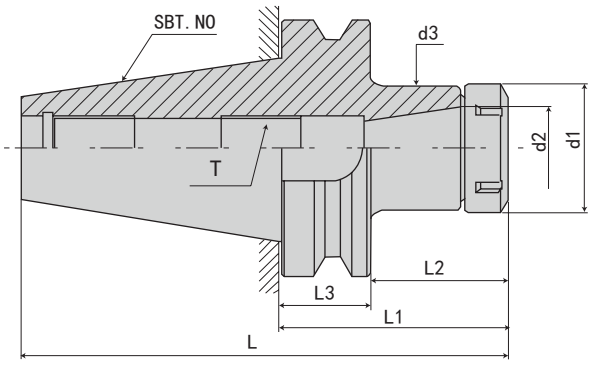
规格说明：

SBT30 - C - 20 - 80
- 80 — L1 长度 Length (L1)
- 20 — 筒夹型号 Collect model
- C — 筒夹种类 Collect type C
- SBT30 — 锥柄形式 Taper size



·SBT30-ER 弹性筒夹刀柄 SBT30-ER COLLET CHUCK





配 件 Accessories


» P.K27


» P.K07


» P.K29

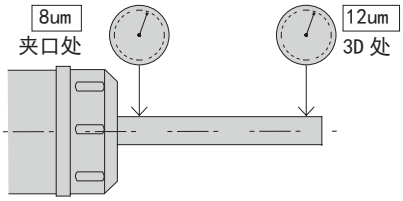

» P.K19

规 格 Model	L	L1	L2	L3	d1	d2	d3	T	夹持范围 Range	重量 KGS
SBT30-ER11- 70	118.4	70	49	22	16	11	16	M6*1.0P	1-7mm	0.53
-100	148.4	100	79	22	16	11	16	M6*1.0P	1-7mm	0.53
-ER16- 70	118.4	70	49	22	28	16	28	M10*1.5P	1-10mm	0.61
-100	148.4	100	79	22	28	16	28	M10*1.5P	1-10mm	0.7
-ER20- 70	118.4	70	49	22	34	20	34	M12*1.75P	1-13mm	0.67
-100	148.4	100	79	22	34	20	34	M12*1.75P	1-13mm	0.8
-ER25- 70	118.4	70	49	22	42	25	42	M16*2.0P	1-16mm	0.7
-100	148.4	100	79	22	42	25	42	M16*2.0P	1-16mm	1
-ER32- 70	118.4	70	49	22	50	32	50	M16*2.0P	1-20mm	0.78
-100	148.4	100	79	22	50	32	50	M16*2.0P	1-20mm	1

规格说明:

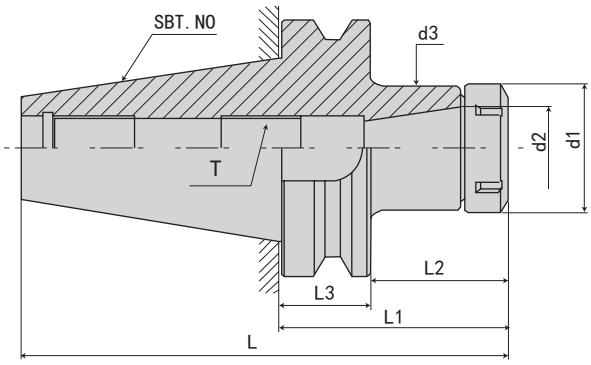
SBT30 - ER - 11 - 70

- 70 — L1 长度 Length (L1)
- 11 — 筒夹型号 Collect model
- ER — 筒夹种类 Collect type ER
- SBT30 — 锥柄形式 Taper size



·SBT40-ER 弹性筒夹刀柄 SBT40-ER COLLET CHUCK





配 件 Accessories


» P.K27


» P.K07


» P.K29

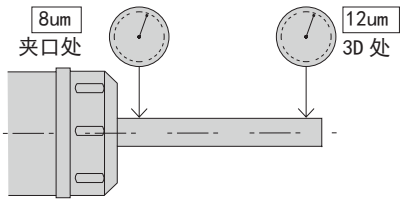

» P.K19

规 格 Model	L	L1	L2	L3	d1	d2	d3	T	夹持范围 Range	重量 KGS
SBT40-ER11- 75	140.4	75	49	27	16	11	16	M6*1.0P	1-7mm	
-100	165.4	100	74	27	16	11	16	M6*1.0P	1-7mm	
-ER16- 75	140.4	75	49	27	28	16	28	M10*1.5P	1-10mm	1.3
-100	165.4	100	74	27	28	16	28	M10*1.5P	1-10mm	1.3
-120	185.4	120	94	27	28	16	28	M10*1.5P	1-10mm	1.42
-150	215.4	150	124	27	28	16	28	M10*1.5P	1-10mm	1.6
-ER20- 75	140.4	75	49	27	34	20	34	M12*1.75P	1-13mm	1.2
-100	165.4	100	74	27	34	20	34	M12*1.75P	1-13mm	1.4
-120	185.4	120	94	27	34	20	34	M12*1.75P	1-13mm	1.52
-150	215.4	150	124	27	34	20	34	M12*1.75P	1-13mm	1.7
-ER25- 75	140.4	75	49	27	42	25	42	M16*2.0P	1-16mm	1.3
-100	165.4	100	74	27	42	25	42	M16*2.0P	1-16mm	1.6
-120	185.4	120	94	27	42	25	42	M16*2.0P	1-16mm	1.78
-150	215.4	150	124	27	42	25	42	M16*2.0P	1-16mm	2.05
-ER32- 75	140.4	75	49	27	50	32	50	M16*2.0P	1-20mm	1.47
-100	165.4	100	74	27	50	32	50	M16*2.0P	1-20mm	1.7
-120	185.4	120	94	27	50	32	50	M16*2.0P	1-20mm	1.98
-150	215.4	150	124	27	50	32	50	M16*2.0P	1-20mm	2.4
-200	265.4	200	174	27	50	32	50	M16*2.0P	1-20mm	3.15
-ER40- 80	145.4	80	54	27	63	40	63	M20*2.0P	2-26mm	1.5
-100	165.4	100	74	27	63	40	63	M20*2.0P	2-26mm	2.1
-120	185.4	120	94	27	63	40	63	M20*2.0P	2-26mm	2.54
-150	215.4	150	124	27	63	40	63	M20*2.0P	2-26mm	3.2

规格说明:

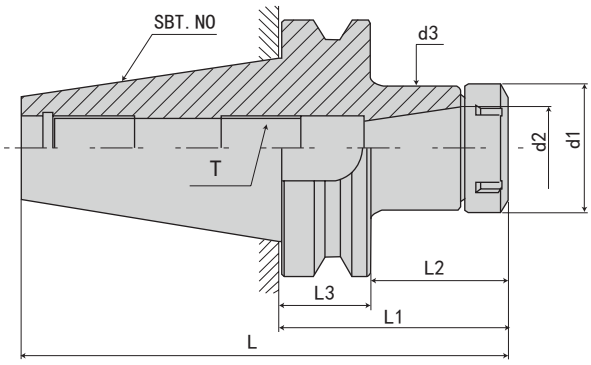
SBT40 - ER - 11 - 75

- 75 — L1 长度 Length (L1)
- 11 — 筒夹型号 Collect model
- ER — 筒夹种类 Collect type ER
- SBT40 — 锥柄形式 Taper size



·SBT50-ER 弹性筒夹刀柄 SBT50-ER COLLET CHUCK





配 件 Accessories


» P.K27


» P.K07


» P.K29

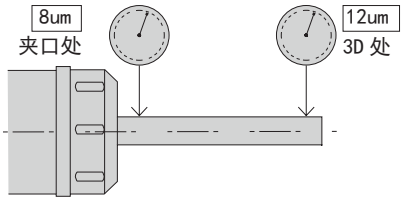

» P.K19

规 格 Model	L	L1	L2	L3	d1	d2	d3	T	夹持范围 Range	重量 KGS
SBT50-ER16-100	201.8	100	63.5	38	28	16	28	M10*1.5P	1-10mm	3.9
-135	236.8	135	98.5	38	28	16	28	M10*1.5P	1-10mm	4.04
-165	266.8	165	128.5	38	28	16	28	M10*1.5P	1-10mm	4.16
-200	301.8	200	163.5	38	28	16	28	M10*1.5P	1-10mm	4.3
-ER20-100	201.8	100	63.5	38	34	20	34	M12*1.75P	1-13mm	4
-135	236.8	135	98.5	38	34	20	34	M12*1.75P	1-13mm	4.21
-165	263.8	165	128.5	38	34	20	34	M12*1.75P	1-13mm	4.39
-200	301.8	200	163.5	38	34	20	34	M12*1.75P	1-13mm	4.6
-ER25-100	201.8	100	63.5	38	42	25	42	M16*2.0P	1-16mm	4.1
-135	236.8	135	98.5	38	42	25	42	M16*2.0P	1-16mm	4.45
-165	266.8	165	128.5	38	42	25	42	M16*2.0P	1-16mm	4.75
-200	301.8	200	163.5	38	42	25	42	M16*2.0P	1-16mm	5.1
-250	351.8	250	213.5	38	42	25	42	M16*2.0P	1-16mm	5.8
-300	401.8	300	263.5	38	42	25	42	M16*2.0P	1-16mm	6.2
-ER32-100	201.8	100	63.5	38	50	32	50	M16*2.0P	1-20mm	4.2
-135	236.8	135	98.5	38	50	32	50	M16*2.0P	1-20mm	4.725
-165	266.8	165	128.5	38	50	32	50	M16*2.0P	1-20mm	5.175
-200	301.8	200	163.5	38	50	32	50	M16*2.0P	1-20mm	5.7
-250	351.8	250	213.5	38	50	32	50	M16*2.0P	1-20mm	6.3
-300	401.8	300	263.5	38	50	32	50	M16*2.0P	1-20mm	7.2
-ER40-100	201.8	100	63.5	38	63	40	63	M20*2.0P	2-26mm	4.5
-135	236.8	135	98.5	38	63	40	63	M20*2.0P	2-26mm	5.27
-165	266.8	165	128.5	38	63	40	63	M20*2.0P	2-26mm	5.93
-200	301.8	200	163.5	38	63	40	63	M20*2.0P	2-26mm	6.7
-250	351.3	250	213.5	38	63	40	63	M20*2.0P	2-26mm	7.8
-300	401.8	300	263.5	38	63	40	63	M20*2.0P	2-26mm	9
-ER50-100	201.8	100	63.5	38	78	50	78	M24*2.0P	5-34mm	3.9
-150	251.8	150	113.5	38	78	50	78	M24*2.0P	5-34mm	6.2

规格说明:

SBT50 - ER - 16 - 100

- 100 — L1 长度 Length (L1)
- 16 — 筒夹型号 Collect model
- ER — 筒夹种类 Collect type ER
- SBT50 — 锥柄形式 Taper size



·SBT30-FMH 端面出水铣刀柄

SBT30-FMH FACE MILL HOLDER-COOLANT TYPE





配 件 Accessories



» P.K19

FIG. 1

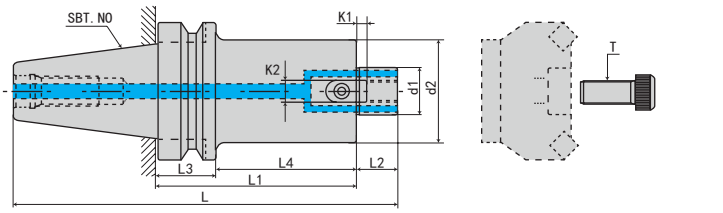
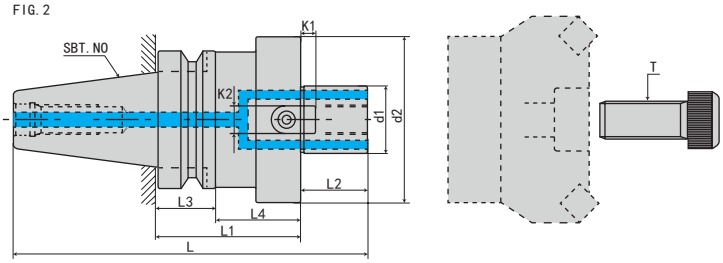


FIG. 2



规 格 Model	L	L1	L2	L3	L4	d1	d2	K1	K2	T	FIG	重量 KGS
SBT30- FMH16-45-D37	110.4	45	17	22	24	16	37	3.2	8	M8*1.25P	1	
-60-D37	125.4	60	17	22	39	16	37	3.2	8	M8*1.25P	1	0.5
- FMH22-45-D47	111.4	45	18	22	24	22	47	4.8	10	M10*1.5P	2	0.75
-60-D47	126.4	60	18	22	39	22	47	4.8	10	M10*1.5P	2	1.5
- FMH27-45-D60	113.4	45	20	22	24	27	60	5.8	12	M12*1.75P	2	1.45
-60-D60	128.4	60	20	22	39	27	60	5.8	12	M12*1.75P	2	1.45
- FMH32-45-D68	115.4	45	22	22	24	32	68	6.8	14	M16*2.0P	2	1.5
-60-D68	130.4	60	22	22	39	32	68	6.8	14	M16*2.0P	2	1.5
- FMH25.4-45-D60	113.4	45	20	22	24	25.4	60	4.52	9.52	M12*1.75P	2	1.1
-60-D60	128.4	60	20	22	39	25.4	60	4.52	9.52	M12*1.75P	2	1.3
-FMH31.75-45-D68	115.4	45	22	22	24	31.75	68	6.7	12.7	M16*2.0P	2	1.35
-60-D68	130.4	60	22	22	39	31.75	68	6.7	12.7	M16*2.0P	2	1.5

规格说明:

SBT30 - FMH - 16 - 45 - D37

- SBT30 锥柄形式 Taper size
- FMH 功能代号 Face mill holder type B
- 16 接口直径 Bore diameter of cutter
- 45 L1 长度 Length (L1)
- D37 刀杆直径 Diameter

·SBT40-FMH 端面出水铣刀柄

SBT40-FMH FACE MILL HOLDER-COOLANT TYPE





配 件 Accessories



» P.K19

FIG. 1

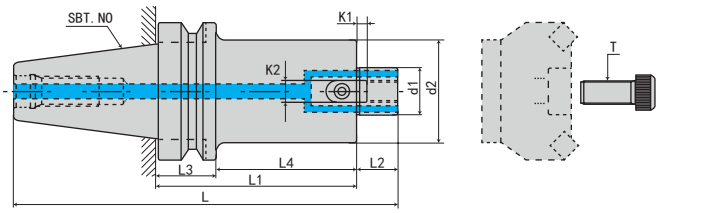
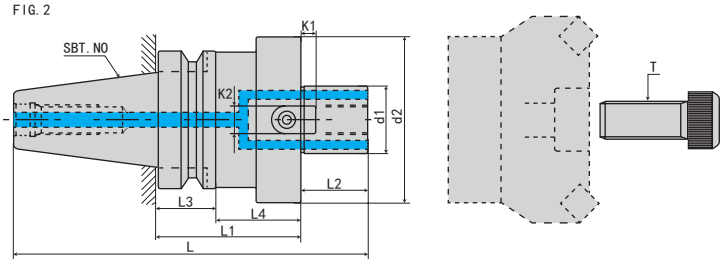


FIG. 2



规 格 Model	L	L1	L2	L3	L4	d1	d2	K1	K2	T	FIG	重量 KGS
SBT40- FMH16- 60-D37	142.4	60	17	27	34	16	37	3.2	8	M8*1.25P	1	1.3
-100-D37	182.4	100	17	27	74	16	37	3.2	8	M8*1.25P	1	1.4
- FMH22- 45-D47	128.4	45	18	27	19	22	47	4.8	10	M10*1.5P	1	1.29
- 60-D47	143.4	60	18	27	34	22	47	4.8	10	M10*1.5P	1	1.5
-100-D47	183.4	100	18	27	74	22	47	4.8	10	M10*1.5P	1	2.05
-150-D47	233.4	150	18	27	124	22	47	4.8	10	M10*1.5P	1	2.75
-200-D47	283.4	200	18	27	174	22	47	4.8	10	M10*1.5P	1	3.6
-250-D47	333.4	250	18	27	224	22	47	4.8	10	M10*1.5P	1	4.25
- FMH27- 45-D60	130.4	45	20	27	19	27	60	5.8	12	M12*1.75P	1	2.23
- 60-D60	145.4	60	20	27	34	27	60	5.8	12	M12*1.75P	1	2.35
-100-D60	185.4	100	20	27	74	27	60	5.8	12	M12*1.75P	1	3.1
-150-D60	235.4	150	20	27	124	27	60	5.8	12	M12*1.75P	1	3.9
-200-D60	285.4	200	20	27	174	27	60	5.8	12	M12*1.75P	1	4.8
- FMH32- 45-D68	132.4	45	22	27	19	32	68	6.8	14	M16*2.0P	2	1.78
- 60-D68	147.4	60	22	27	34	32	68	6.8	14	M16*2.0P	2	1.9
-100-D68	187.4	100	22	27	74	32	68	6.8	14	M16*2.0P	2	2.8
-150-D68	237.4	150	22	27	124	32	68	6.8	14	M16*2.0P	2	3.6
- FMH40- 45-D78	135.4	45	25	27	19	40	78	8.3	16	M16*2.0P	2	2.605
- 60-D78	150.4	60	25	27	34	40	78	8.3	16	M16*2.0P	2	2.8
-100-D78	190.4	100	25	27	74	40	78	8.3	16	M16*2.0P	2	3.6
-150-D78	240.4	150	25	27	124	40	78	8.3	16	M16*2.0P	2	4.9
- FMH25.4- 45-D60	130.4	45	20	27	19	25.4	60	4.52	9.52	M12*1.75P	1	1.395
- 60-D60	145.4	60	20	27	34	25.4	60	4.52	9.52	M12*1.75P	1	1.5
-100-D60	185.4	100	20	27	74	25.4	60	4.52	9.52	M12*1.75P	1	2.05
-150-D60	235.4	150	20	27	124	25.4	60	4.52	9.52	M12*1.75P	1	2.75
-200-D60	285.4	200	20	27	174	25.4	60	4.52	9.52	M12*1.75P	1	3.6
-FMH31.75- 45-D68	132.4	45	22	27	19	31.75	68	6.7	12.7	M16*2.0P	2	1.87
- 60-D68	147.4	60	22	27	34	31.75	68	6.7	12.7	M16*2.0P	2	2.05
-100-D68	187.4	100	22	27	74	31.75	68	6.7	12.7	M16*2.0P	2	2.9
-150-D68	237.4	150	22	27	124	31.75	68	6.7	12.7	M16*2.0P	2	4.1
- FMH38.1- 45-D78	135.4	45	25	27	19	38.1	78	8.87	15.87	M16*2.0P	2	1.78
- 60-D78	150.4	60	25	27	34	38.1	78	8.87	15.87	M16*2.0P	2	2.1
-100-D78	190.4	100	25	27	74	38.1	78	8.87	15.87	M16*2.0P	2	2.95
-150-D78	240.4	150	25	27	124	38.1	78	8.87	15.87	M16*2.0P	2	4.02

规格说明:

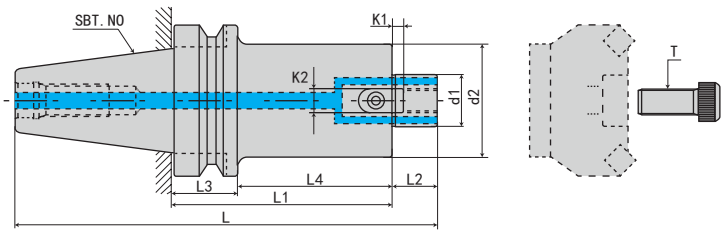
SBT40 - FMH - 16 - 60 - D37

- SBT40 锥柄形式 Taper size
- FMH 功能代号 Face mill holder type B
- 16 接口直径 Bore diameter of cutter
- 60 L1 长度 Length (L1)
- D37 刀杆直径 Diameter

·SBT50-FMH 端面出水铣刀柄

SBT50-FMH FACE MILL HOLDER-COOLANT TYPE





配 件 Accessories



» P.K19

规 格 Model	L	L1	L2	L3	L4	d1	d2	K1	K2	T	重量 KGS
SBT50-FMH16- 60-D37	178.8	60	17	38	23.5	16	37	3.2	8	M8*1.25P	4.0
-100-D37	218.8	100	17	38	63.5	16	37	3.2	8	M8*1.25P	4.2
-150-D37	268.3	150	17	38	113.5	16	37	3.2	8	M8*1.25P	4.5
-200-D37	318.8	200	17	38	163.5	16	37	3.2	8	M8*1.25P	4.8
-FMH22- 60-D47	179.8	60	18	38	23.5	22	47	4.8	10	M10*1.5P	4.6
-100-D47	219.8	100	18	38	63.5	22	47	4.8	10	M10*1.5P	4.55
-150-D47	269.8	150	18	38	113.5	22	47	4.8	10	M10*1.5P	5.25
-200-D47	319.8	200	18	38	163.5	22	47	4.8	10	M10*1.5P	6
-250-D47	369.8	250	18	38	213.5	22	47	4.8	10	M10*1.5P	7
-300-D47	419.8	300	18	38	263.5	22	47	4.8	10	M10*1.5P	7.7
-350-D47	469.8	350	18	38	313.5	22	47	4.8	10	M10*1.5P	8.4
-400-D47	519.8	400	18	38	363.5	22	47	4.8	10	M10*1.5P	9.2
-450-D47	569.8	450	18	38	413.5	22	47	4.8	10	M10*1.5P	10
-500-D47	619.8	500	18	38	463.5	22	47	4.8	10	M10*1.5P	11.2
-FMH22- 60-D60	179.8	60	18	38	23.5	22	60	4.8	10	M10*1.5P	4.4
-100-D60	219.8	100	18	38	63.5	22	60	4.8	10	M10*1.5P	5.2
-150-D60	269.8	150	18	38	113.5	22	60	4.8	10	M10*1.5P	6.3
-200-D60	319.8	200	18	38	163.5	22	60	4.8	10	M10*1.5P	7.2
-250-D60	369.8	250	18	38	213.5	22	60	4.8	10	M10*1.5P	8.3
-300-D60	419.8	300	18	38	263.5	22	60	4.8	10	M10*1.5P	
-350-D60	469.8	350	18	38	313.5	22	60	4.8	10	M10*1.5P	
-400-D60	519.8	400	18	38	363.5	22	60	4.8	10	M10*1.5P	
-450-D60	569.8	450	18	38	413.5	22	60	4.8	10	M10*1.5P	
-500-D60	619.8	500	18	38	463.5	22	60	4.8	10	M10*1.5P	
-FMH27- 45-D60	166.8	45	20	38	8.5	27	60	5.8	12	M12*1.75P	
- 60-D60	181.8	60	20	38	23.5	27	60	5.8	12	M12*1.75P	4.5
-100-D60	221.8	100	20	38	63.5	27	60	5.8	12	M12*1.75P	5.3
-150-D60	271.8	150	20	38	113.5	27	60	5.8	12	M12*1.75P	6.2
-200-D60	321.8	200	20	38	163.5	27	60	5.8	12	M12*1.75P	7.2
-250-D60	371.8	250	20	38	213.5	27	60	5.8	12	M12*1.75P	8.4
-300-D60	421.8	300	20	38	263.5	27	60	5.8	12	M12*1.75P	
-350-D60	471.8	350	20	38	313.5	27	60	5.8	12	M12*1.75P	
-400-D60	521.8	400	20	38	363.5	27	60	5.8	12	M12*1.75P	
-450-D60	571.8	450	20	38	413.5	27	60	5.8	12	M12*1.75P	
-500-D60	621.8	500	20	38	463.5	27	60	5.8	12	M12*1.75P	

规格说明:

SBT50 - FMH - 16 - 60 - D37

- 刀杆直径 Diameter
- 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 Taper size

·SBT50-FMH 端面出水铣刀柄

SBT50-FMH FACE MILL HOLDER-COOLANT TYPE





FIG. 1

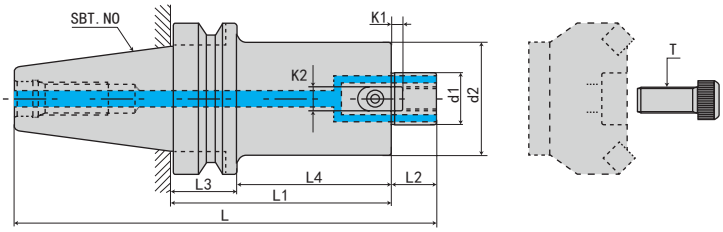
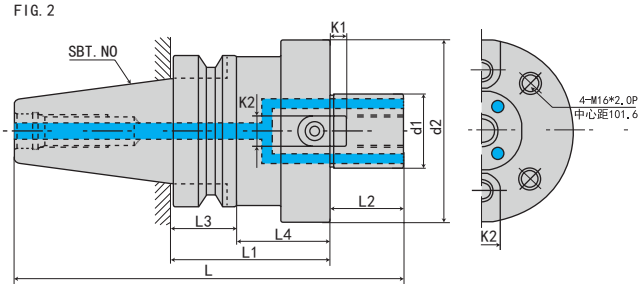


FIG. 2



配 件 Accessories



» P.K19

规 格 Model	L	L1	L2	L3	L4	d1	d2	K1	K2	T	FIG	重量 KGS
SBT50-FMH27- 45-D76	166.8	45	20	38	8.5	27	76	5.8	12	M12*1.75P	1	
- 60-D76	181.8	60	20	38	23.5	27	76	5.8	12	M12*1.75P	1	
-100-D76	221.8	100	20	38	63.5	27	76	5.8	12	M12*1.75P	1	
-150-D76	271.8	150	20	38	113.5	27	76	5.8	12	M12*1.75P	1	
-200-D76	321.8	200	20	38	163.5	27	76	5.8	12	M12*1.75P	1	
-250-D76	371.8	250	20	38	213.5	27	76	5.8	12	M12*1.75P	1	
-300-D76	421.8	300	20	38	263.5	27	76	5.8	12	M12*1.75P	1	
-350-D76	471.8	350	20	38	313.5	27	76	5.8	12	M12*1.75P	1	
-400-D76	521.8	400	20	38	363.5	27	76	5.8	12	M12*1.75P	1	
-450-D76	571.8	450	20	38	413.5	27	76	5.8	12	M12*1.75P	1	
-500-D76	621.8	500	20	38	463.5	27	76	5.8	12	M12*1.75P	1	
-FMH32- 45-D96	168.8	45	22	38	8.5	32	96	6.8	14	M16*2.0P	1	
- 60-D96	183.8	60	22	38	23.5	32	96	6.8	14	M16*2.0P	1	5.3
-100-D96	223.8	100	22	38	63.5	32	96	6.8	14	M16*2.0P	1	7.5
-150-D96	273.8	150	22	38	113.5	32	96	6.8	14	M16*2.0P	1	10.1
-200-D96	323.8	200	22	38	163.5	32	96	6.8	14	M16*2.0P	1	13
-250-D96	373.8	250	22	38	213.5	32	96	6.8	14	M16*2.0P	1	
-300-D96	423.8	300	22	38	263.5	32	96	6.8	14	M16*2.0P	1	
-350-D96	473.8	350	22	38	313.5	32	96	6.8	14	M16*2.0P	1	
-FMH40- 45-D100	171.8	45	25	38	8.5	40	100	8.3	16	M16*2.0P	1	
- 60-D100	186.8	60	25	38	23.5	40	100	8.3	16	M16*2.0P	1	5.7
-100-D100	226.8	100	25	38	63.5	40	100	8.3	16	M16*2.0P	1	8.2
-150-D100	276.8	150	25	38	113.5	40	100	8.3	16	M16*2.0P	1	10.8
-200-D100	326.8	200	25	38	163.5	40	100	8.3	16	M16*2.0P	1	13.9
-250-D100	376.8	250	25	38	213.5	40	100	8.3	16	M16*2.0P	1	
-300-D100	426.8	300	25	38	263.5	40	100	8.3	16	M16*2.0P	1	
-FMH60- 75-D128	201.8	75	25	38	38.5	60	128	12.5	25.4	M16*2.0P	2	
-100-D128	226.8	100	25	38	63.5	60	128	12.5	25.4	M16*2.0P	2	
-150-D128	276.8	150	25	38	113.5	60	128	12.5	25.4	M16*2.0P	2	

规格说明:

SBT50 - FMH - 27 - 45 - D76

- D76 刀杆直径 Diameter
- 45 L1 长度 Length (L1)
- 27 接口直径 Diameter
- FMH 功能代号 Face mill holder type B
- SBT50 锥柄形式 Taper size

·SBT50-FMH 端面出水铣刀柄

SBT50-FMH FACE MILL HOLDER-COOLANT TYPE





FIG. 1

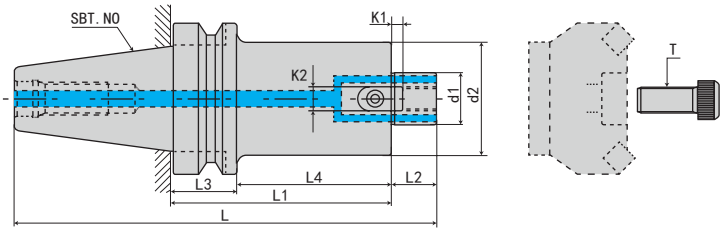
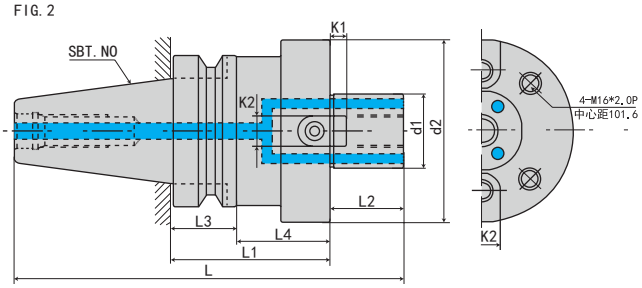


FIG. 2



配 件 Accessories



» P.K19

规 格 Model	L	L1	L2	L3	L4	d1	d2	K1	K2	T	FIG	重量 KGS
SBT50- FMH25.4- 45-D60	166.8	45	20	38	8.5	25.4	60	4.52	9.52	M12*1.75P	1	
- 60-D60	181.8	60	20	38	23.5	25.4	60	4.52	9.52	M12*1.75P	1	4.5
-100-D60	221.8	100	20	38	63.5	25.4	60	4.52	9.52	M12*1.75P	1	5.3
-150-D60	271.8	150	20	38	113.5	25.4	60	4.52	9.52	M12*1.75P	1	6.4
-200-D60	321.8	200	20	38	163.5	25.4	60	4.52	9.52	M12*1.75P	1	7.4
-250-D60	371.8	250	20	38	213.5	25.4	60	4.52	9.52	M12*1.75P	1	
-300-D60	421.8	300	20	38	263.5	25.4	60	4.52	9.52	M12*1.75P	1	
- 45-D76	166.8	45	20	38	8.5	25.4	76	4.52	9.52	M12*1.75P	1	
- 60-D76	181.8	60	20	38	23.5	25.4	76	4.52	9.52	M12*1.75P	1	
-100-D76	221.8	100	20	38	63.5	25.4	76	4.52	9.52	M12*1.75P	1	
-150-D76	271.8	150	20	38	113.5	25.4	76	4.52	9.52	M12*1.75P	1	
-200-D76	321.8	200	20	38	163.5	25.4	76	4.52	9.52	M12*1.75P	1	
-250-D76	371.8	250	20	38	213.5	25.4	76	4.52	9.52	M12*1.75P	1	
-300-D76	421.8	300	20	38	263.5	25.4	76	4.52	9.52	M12*1.75P	1	
-FMH31.75- 45-D96	168.8	45	22	38	8.5	31.75	96	6.7	12.7	M16*2.0P	1	
- 60-D96	183.8	60	22	38	23.5	31.75	96	6.7	12.7	M16*2.0P	1	5.3
-100-D96	223.8	100	22	38	63.5	31.75	96	6.7	12.7	M16*2.0P	1	7.5
-150-D96	273.8	150	22	38	113.5	31.75	96	6.7	12.7	M16*2.0P	1	10.3
-200-D96	323.8	200	22	38	163.5	31.75	96	6.7	12.7	M16*2.0P	1	13
-250-D96	373.8	250	22	38	213.5	31.75	96	6.7	12.7	M16*2.0P	1	
-300-D96	423.8	300	22	38	263.5	31.75	96	6.7	12.7	M16*2.0P	1	
- FMH38.1- 45-D100	171.8	45	25	38	8.5	38.1	100	8.87	15.87	M16*2.0P	1	
- 60-D100	186.8	60	25	38	23.5	38.1	100	8.87	15.87	M16*2.0P	1	5.6
-100-D100	226.8	100	25	38	63.5	38.1	100	8.87	15.87	M16*2.0P	1	8
-150-D100	276.8	150	25	38	113.5	38.1	100	8.87	15.87	M16*2.0P	1	
-200-D100	326.8	200	25	38	163.5	38.1	100	8.87	15.87	M16*2.0P	1	
-250-D100	376.8	250	25	38	213.5	38.1	100	8.87	15.87	M16*2.0P	1	
-300-D100	426.8	300	25	38	263.5	38.1	100	8.87	15.87	M16*2.0P	1	
-FMH47.625- 75-D128	201.8	75	25	38	38.5	47.625	128	12.5	25.4	M16*2.0P	2	7.9
-100-D128	226.8	100	25	38	63.5	47.625	128	12.5	25.4	M16*2.0P	2	
-150-D128	276.8	150	25	38	113.5	47.625	128	12.5	25.4	M16*2.0P	2	

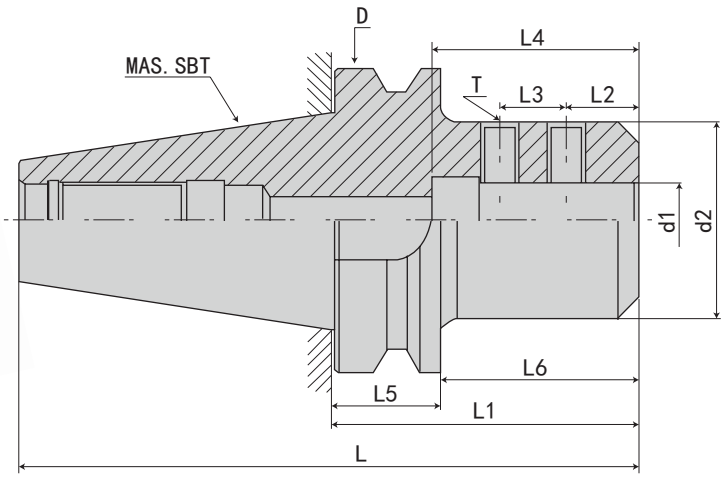
规格说明:

SBT50 - FMH - 25.4 - 45 - D60

- SBT50 — 锥柄形式 Taper size
- FMH — 功能代号 Face mill holder type B
- 25.4 — 接口直径 Diameter
- 45 — L1 长度 Length (L1)
- D60 — 刀杆直径 Diameter

·SBT30-SLN 侧固式刀柄 SBT30-SLN SIDE LOCK END MILL HOLDER





配 件 Accessories



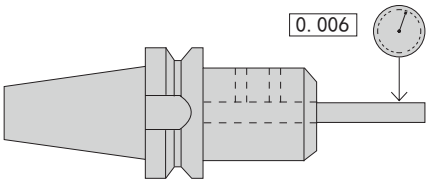
» P.K19

规 格 Model	L	L1	L2	L3	L4	L5	L6	d1	d2	T	重量 KGS
SBT30-SLN16-75	123.4	75	14	14	48	22	54	16	48	M10*1.5P	1.03
-SLN20-75	123.4	75	14	14	50	22	54	20	48	M10*1.5P	0.98
-SLN25-80	128.4	80	15	20	56	22	59	25	48	M16*2.0P	0.97
-SLN32-85	133.4	85	15	20	60	22	59	32	63	M16*2.0P	1.38

规格说明:

SBT30 - SLN - 16 - 75

- 75 L1 长度 Length (L1)
- 16 刀杆直径 Diameter
- SLN 功能代号 Holder type
- SBT30 锥柄形式 Taper size



·SBT40-SLN 侧固式刀柄

SBT40-SLN SIDE LOCK END MILL HOLDER



Fig. 1

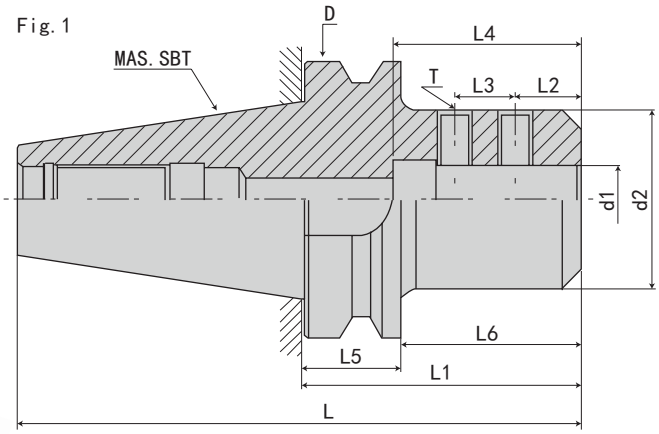
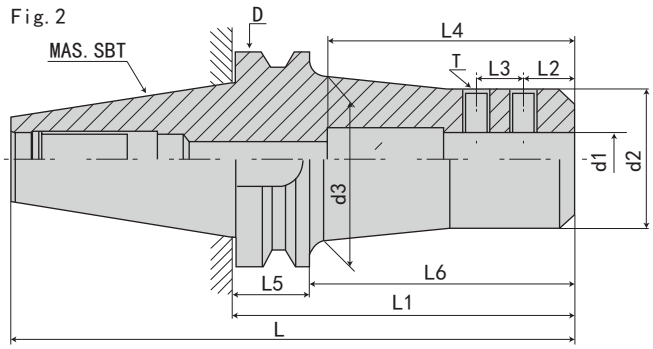


Fig. 2



配 件 Accessories



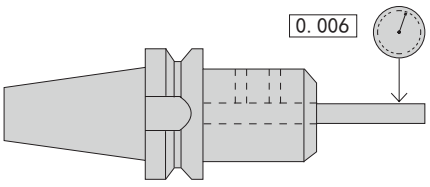
» P.K19

规 格 Model	L	L1	L2	L3	L4	L5	L6	d1	d2	d3	FIG	T	重量 KGS
SBT40-SLN16-100	165.4	100	22	18	100	27	74	16	48	-	1	M10*1.5P	2
-150	215.4	150	22	18	100	27	124	16	40	45	2	M10*1.5P	2.2
-200	265.4	200	22	18	100	27	174	16	40	45	2	M10*1.5P	
-SLN20-100	165.4	100	25	20	110	27	74	20	52	-	1	M12*1.75P	2
-150	215.4	150	25	20	110	27	124	20	45	50	2	M12*1.75P	2.5
-200	265.4	200	25	20	110	27	174	20	45	50	2	M12*1.75P	
-SLN25-100	165.4	100	24	25	120	27	74	25	65	-	1	M12*1.75P	2.5
-150	215.4	150	24	25	120	27	124	25	50	55	2	M12*1.75P	2.6
-200	265.4	200	24	25	120	27	174	25	50	55	2	M12*1.75P	
-SLN32-100	165.4	100	24	28	120	27	74	32	65	-	1	M16*2.0P	2.4
-150	215.4	150	24	28	120	27	124	32	58	63	2	M16*2.0P	2.9
-200	265.4	200	24	28	120	27	174	32	58	63	2	M16*2.0P	
-SLN40-105	170.4	105	30	32	120	27	79	40	73	-	1	M16*2.0P	2.8
-150	215.4	150	30	32	120	27	124	40	73	-	1	M16*2.0P	3.8
-200	265.4	200	30	32	120	27	174	40	73	-	1	M16*2.0P	

规格说明:

SBT40 - SLN - 16 - 100

- 100 — L1 长度 Length (L1)
- 16 — 刀杆直径 Diameter
- SLN — 功能代号 Holder type
- SBT40 — 锥柄形式 Taper size



·SBT50-SLN 侧固式刀柄

SBT50-SLN SIDE LOCK END MILL HOLDER



Fig. 1

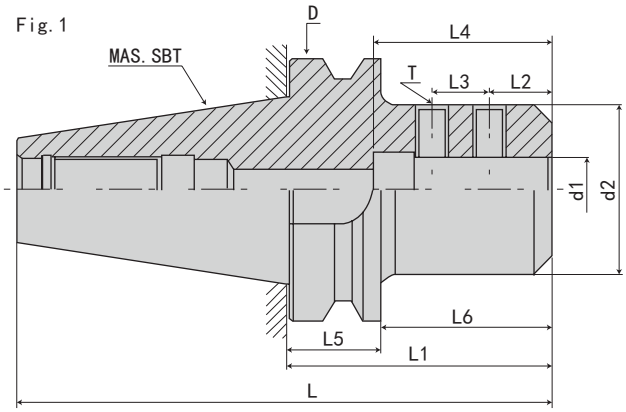
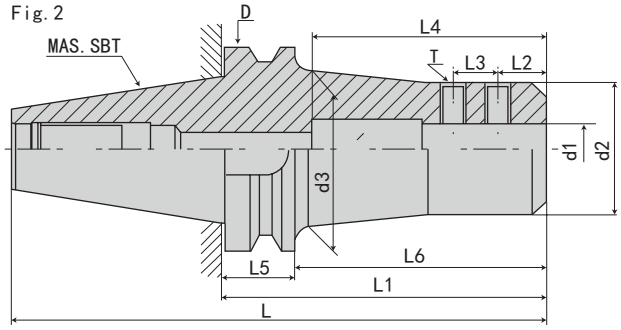


Fig. 2



配 件 Accessories



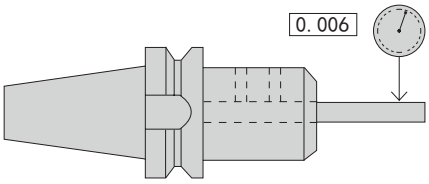
» P.K19

规 格 Model	L	L1	L2	L3	L4	L5	L6	d1	d2	d3	FIG	T	重量 KGS
SBT50-SLN16-100	201.8	100	22	18	100	38	63.5	16	48	-	1	M10*1.5P	4.7
-135	236.8	135	22	18	100	38	98.5	16	48	-	1	M10*1.5P	
-165	266.8	165	22	18	100	38	128.5	16	40	45	2	M10*1.5P	
-200	301.8	200	22	18	100	38	163.5	16	40	45	2	M10*1.5P	
-250	351.8	250	22	18	100	38	213.5	16	40	45	2	M10*1.5P	
-SLN20-100	201.8	100	25	20	110	38	63.5	20	52	-	1	M12*1.75P	4.8
-135	236.8	135	25	20	110	38	98.5	20	52	-	1	M12*1.75P	
-165	266.8	165	25	20	110	38	128.5	20	45	50	2	M12*1.75P	
-200	301.8	200	25	20	110	38	163.5	20	45	50	2	M12*1.75P	
-250	351.8	250	25	20	110	38	213.5	20	45	50	2	M12*1.75P	
-SLN25-105L	206.8	105	24	25	120	38	68.5	25	65	-	1	M12*1.75P	5.4
-135L	236.8	135	24	25	120	38	98.5	25	65	-	1	M12*1.75P	
-165L	266.8	165	24	25	120	38	128.5	25	50	55	2	M12*1.75P	
-200	301.8	200	24	25	120	38	163.5	25	50	55	2	M12*1.75P	
-250	351.8	250	24	25	120	38	213.5	25	50	55	2	M12*1.75P	
-300	401.8	300	24	25	120	38	263.5	25	50	55	2	M12*1.75P	
-SLN32-105	206.8	105	24	28	120	38	68.5	32	72	-	1	M16*2.0P	5.5
-135	236.8	135	24	28	120	38	98.5	32	72	-	1	M16*2.0P	
-165	266.8	165	24	28	120	38	128.5	32	60	65	2	M16*2.0P	
-200	301.8	200	24	28	120	38	163.5	32	60	65	2	M16*2.0P	
-250	351.8	250	24	28	120	38	213.5	32	60	65	2	M16*2.0P	
-300	401.8	300	24	28	120	38	263.5	32	60	65	2	M16*2.0P	

规格说明:

SBT50 - SLN - 16 - 100

- 100 — L1 长度 Length (L1)
- 16 — 刀杆直径 Diameter
- SLN — 功能代号 Holder type
- SBT50 — 锥柄形式 Taper size



·SBT50-SLN 侧固式刀柄

SBT50-SLN SIDE LOCK END MILL HOLDER



配 件 Accessories



» P.K19

Fig. 1

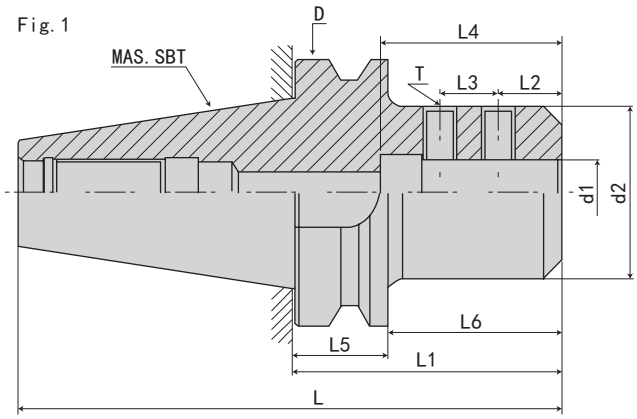
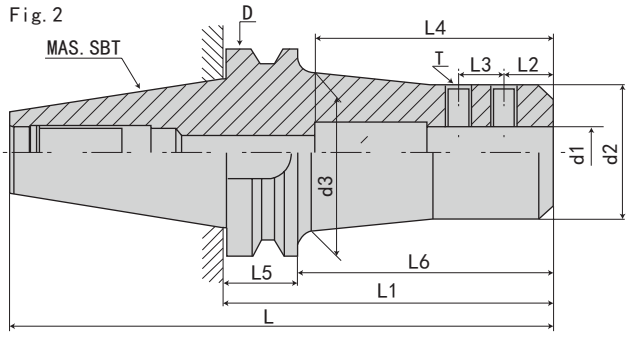


Fig. 2

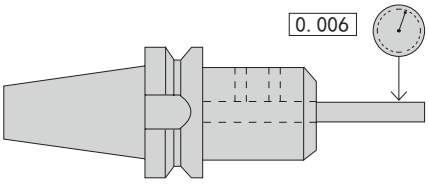


规 格 Model	L	L1	L2	L3	L4	L5	L6	d1	d2	d3	FIG	T	重量 KGS
SBT50- SLN40-115	216.8	115	30	32	120	38	78.5	40	80	-	1	M20*2.5P	5.8
-135	236.8	135	30	32	120	38	98.5	40	80	-	1	M20*2.5P	
-165	266.8	165	30	32	120	38	128.5	40	70	75	2	M16*2.0P	
-200	301.8	200	30	32	120	38	163.5	40	70	75	2	M16*2.0P	
-250	351.8	250	30	32	120	38	213.5	40	70	75	2	M16*2.0P	
-300	401.8	300	30	32	120	38	263.5	40	70	75	2	M16*2.0P	
- SLN42-115	216.8	115	30	32	120	38	78.5	42	80	-	1	M20*2.5P	5.6
-135	236.8	135	30	32	120	38	98.5	42	80	-	1	M20*2.5P	
-165	266.8	165	30	32	120	38	128.5	42	70	75	2	M16*2.0P	
-200	301.8	200	30	32	120	38	163.5	42	70	75	2	M16*2.0P	
- SLN50-120	221.8	120	35	35	120	38	78.5	50	90	-	1	M20*2.5P	
-150	251.8	150	35	35	120	38	113.5	50	85	90	2	M20*2.5P	
-200	301.8	200	35	35	120	38	163.5	50	85	90	2	M20*2.5P	
-SLN50.8-120	221.8	120	35	35	120	38	78.5	50.8	90	-	1	M20*2.5P	
-150	251.8	150	35	35	120	38	113.5	50.8	85	90	2	M20*2.5P	
-200	301.8	200	35	35	120	38	163.5	50.8	85	90	2	M20*2.5P	

规格说明:

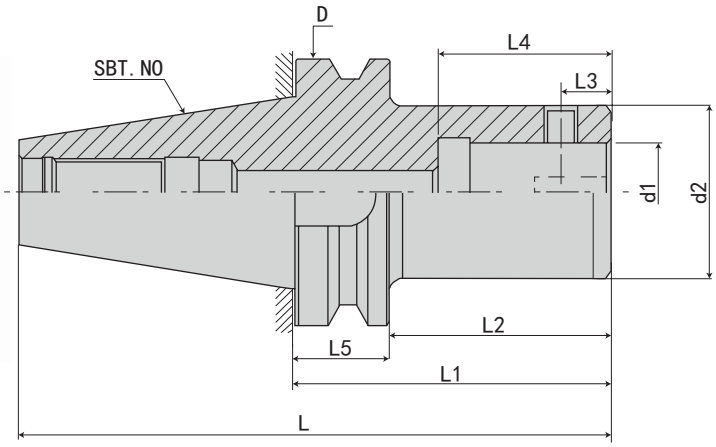
SBT50 - SLN - 16 - 100

- 100 — L1 长度 Length (L1)
- 16 — 刀杆直径 Diameter
- SLN — 功能代号 Holder type
- SBT50 — 锥柄形式 Taper size



·SBT30-CK 镗头刀柄 SBT30-CK BORING HEAD SHANK





配 件 Accessories



» P.K19

规格 Model	L	L1	L2	L3	L4	L5	d1	d2	D	T	重量 KGS
SBT30-CK1-105	153.4	105	84	5.05	30	22	11	19	46	M4*0.5P	0.51
-CK2- 75	123.4	75	54	6.62	31	22	14	24	46	M5*0.5P	0.44
-120	168.4	120	99	6.62	31	22	14	24	46	M5*0.5P	0.57
-CK3- 80	128.4	80	59	8	35	22	18	31	46	M6*0.75P	0.45
-120	168.4	120	99	8	35	22	18	31	46	M6*0.75P	0.67
-CK4- 85	133.4	85	64	10	39	22	22	39	46	M8*0.75P	0.46
-120	168.4	120	99	10	39	22	22	39	46	M8*0.75P	0.78
-CK5- 85	133.4	85	64	13	45	22	28	50	46	M10*1.0P	0.76
-120	168.4	120	99	13	45	22	28	50	46	M10*1.0P	0.80
-CK6- 85	133.4	85	64	16	55	22	36	63	46	M12*1.0P	0.85
-135	183.4	135	114	16	55	22	36	63	46	M12*1.0P	0.93

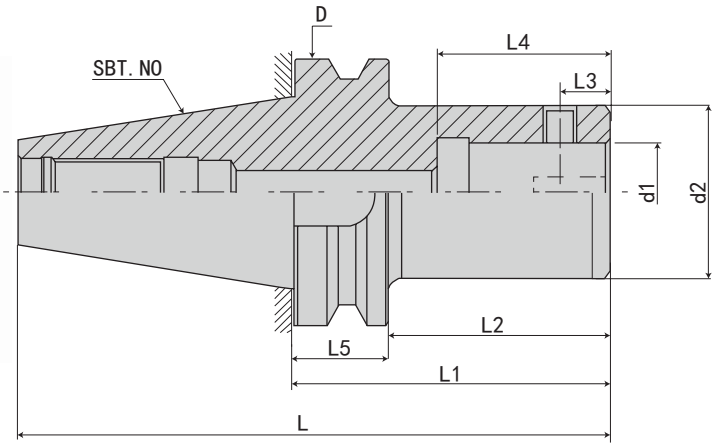
规格说明:

SBT30 - CK - 1 - 105

- 105 — L1 长度 Length (L1)
- 1 — 刀杆直径 Diameter
- CK — 功能代号 Holder type
- SBT30 — 锥柄形式 Taper size

·SBT40-CK 镗头刀柄 SBT40-CK BORING HEAD SHANK





配 件 Accessories



» P.K19

规格 Model	L	L1	L2	L3	L4	L5	d1	d2	D	T	重量 KGS
SBT40-CK1-105	170.4	105	79	5.05	30	27	11	19	63	M4*0.5P	
-CK2- 80	145.4	80	54	6.62	31	27	14	24	63	M5*0.5P	
-120	185.4	120	94	6.62	31	27	14	24	63	M5*0.5P	
-CK3- 85	150.4	85	59	8	35	27	18	31	63	M6*0.75P	
-135	200.4	135	109	8	35	27	18	31	63	M6*0.75P	
-165	230.4	165	139	8	35	27	18	31	63	M6*0.75P	
-CK4- 90	155.4	90	64	10	39	27	22	39	63	M8*0.75P	
-135	200.4	135	109	10	39	27	22	39	63	M8*0.75P	
-165	230.4	165	139	10	39	27	22	39	63	M8*0.75P	
-195	260.4	195	169	10	39	27	22	39	63	M8*0.75P	
-CK5- 65	105.4	65	39	13	45	27	28	50	63	M10*1.0P	
-105	170.4	105	79	13	45	27	28	50	63	M10*1.0P	
-135	200.4	135	109	13	45	27	28	50	63	M10*1.0P	
-165	230.4	165	139	13	45	27	28	50	63	M10*1.0P	
-195	260.4	195	169	13	45	27	28	50	63	M10*1.0P	
-CK6- 65	130.4	65	39	16	55	27	36	63	63	M12*1.0P	
-105	170.4	105	79	16	55	27	36	63	63	M12*1.0P	
-135	200.4	135	109	16	55	27	36	63	63	M12*1.0P	
-165	230.4	165	139	16	55	27	36	63	63	M12*1.0P	
-195	260.4	195	169	16	55	27	36	63	63	M12*1.0P	
-245	310.4	245	219	16	55	27	36	63	63	M12*1.0P	

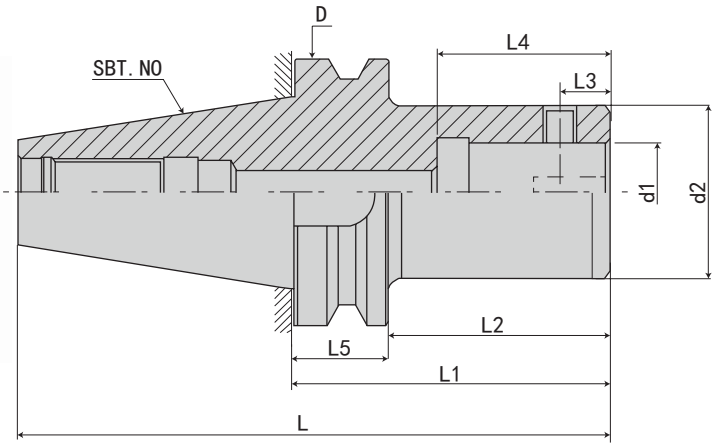
规格说明:

SBT40 - CK - 1 - 105

- 105 — L1 长度 Length (L1)
- 1 — 接口锥度 Taper No. of cutter
- CK — 功能代号 Holder type
- SBT40 — 锥柄形式 Taper size

·SBT50-CK 镗头刀柄 SBT50-CK BORING HEAD SHANK





配 件 Accessories



» P.K19

规格 Model	L	L1	L2	L3	L4	L5	d1	d2	D	T	重量 KGS
SBT50-CK1-135	236.8	135	98.5	5.05	30	38	11	19	100	M4*0.5P	4.3
-CK2- 90	191.8	90	53.5	6.62	31	38	14	24	100	M5*0.5P	
-115	216.8	115	78.5	6.62	31	38	14	24	100	M5*0.5P	4.1
-150	251.8	150	113.5	6.62	31	38	14	24	100	M5*0.5P	4.5
-CK3- 95	196.8	95	58.5	8	35	38	18	31	100	M6*0.75P	
-125	226.8	125	88.5	8	35	38	18	31	100	M6*0.75P	4.3
-165	266.8	165	128.5	8	35	38	18	31	100	M6*0.75P	4.7
-205	306.8	205	168.5	8	35	38	18	31	100	M6*0.75P	4.9
-CK4-105	206.8	105	68.5	10	39	38	22	39	100	M8*0.75P	
-165	266.8	165	128.5	10	39	38	22	39	100	M8*0.75P	5.1
-225	326.8	225	188.5	10	39	38	22	39	100	M8*0.75P	
-255	356.8	255	218.5	10	39	38	22	39	100	M8*0.75P	5.6
-300	401.8	300	263.5	10	39	38	22	39	100	M8*0.75P	
-CK5- 90	191.8	90	53.5	13	45	38	28	50	100	M10*1.0P	
-120	221.8	120	83.5	13	45	38	28	50	100	M10*1.0P	
-165	266.8	165	128.5	13	45	38	28	50	100	M10*1.0P	5.5
-205	306.8	205	168.5	13	45	38	28	50	100	M10*1.0P	5.8
-240	341.8	240	203.5	13	45	38	28	50	100	M10*1.0P	
-285	386.8	285	248.5	13	45	38	28	50	100	M10*1.0P	
-320	421.8	320	283.5	13	45	38	28	50	100	M10*1.0P	
-CK6- 95	196.8	95	58.5	16	55	38	36	63	100	M12*1.0P	4.9
-165	266.8	165	128.5	16	55	38	36	63	100	M12*1.0P	
-240	341.8	240	203.5	16	55	38	36	63	100	M12*1.0P	
-300	401.8	300	263.5	16	55	38	36	63	100	M12*1.0P	9.5
-360	461.8	360	323.5	16	55	38	36	63	100	M12*1.0P	10.5
-CK7-150	251.8	150	113.5	19.1	55	38	46	90	100	M20*1.5P	
-210	311.8	210	173.5	19.1	55	38	46	90	100	M20*1.5P	
-300	401.8	300	263.5	19.1	55	38	46	90	100	M20*1.5P	
-360	461.8	360	323.5	19.1	55	38	46	90	100	M20*1.5P	

规格说明:

SBT50 - CK - 1 - 135

- 135 — L1 长度 Length (L1)
- 1 — 接口锥度 Taper No. of cutter
- CK — 功能代号 Holder type
- SBT50 — 锥柄形式 Taper size

·SBT30-MTA 带扁尾莫氏刀柄

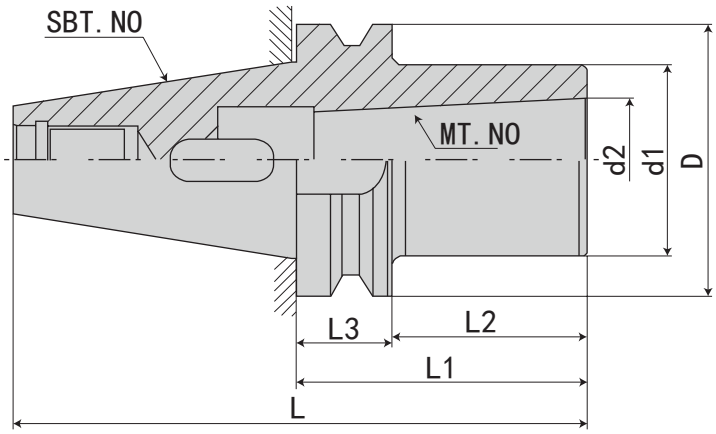
SBT30-MTA TAPER ADAPTER(MORSE)



配 件 Accessories



» P.K19

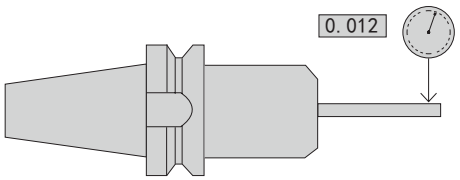


规 格 Model	L	L1	L2	L3	D	d1	d2	夹持范围 Range	重量 KGS
SBT30-MTA1-60	108.4	60	39	22	46	25	12.065	Φ2-Φ14	
-MTA2-60	108.4	60	39	22	46	32	17.18	Φ14-Φ23	
-MTA3-80	128.4	80	59	22	46	40	23.825	Φ23-Φ32	

规格说明:

SBT30 - MTA - 1 - 60

- 60 — L1 长度 Length (L1)
- 1 — 莫氏锥度号 Morse taper No.
- MTA — 有扁尾莫氏锥孔 Morse taper holder type A
- SBT30 — 锥柄形式 Taper size



·SBT40-MTA 带扁尾莫氏刀柄

SBT40-MTA TAPER ADAPTER(MORSE)



FIG. 1

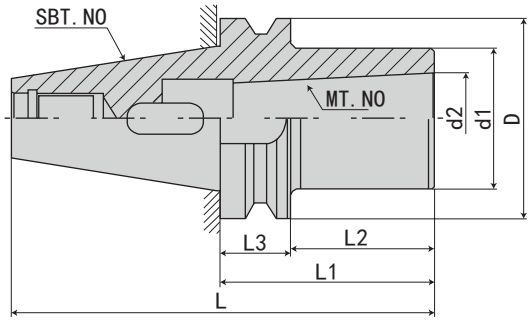
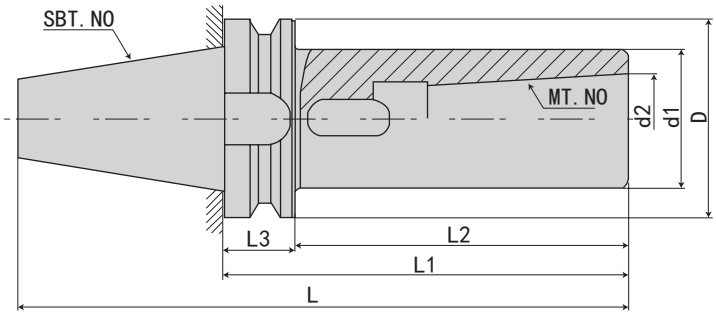


FIG. 2



配 件 Accessories



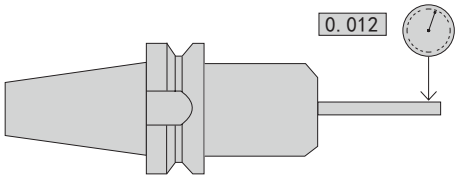
» P.K19

规 格 Model	L	L1	L2	L3	D	d1	d2	FIG	夹持范围 Range	重量 KGS
SBT40-MTA1- 45	110.4	45	19	27	63	25	12.065	1	Φ2-Φ14	
-120	185.4	120	94	27	63	25	12.065	2	Φ2-Φ14	
-MTA2- 45	110.4	45	19	27	63	32	17.18	1	Φ14-Φ23	
-120	185.4	120	94	27	63	32	17.18	2	Φ14-Φ23	
-MTA3- 75	140.4	75	49	27	63	40	23.825	1	Φ23-Φ32	
-135	200.4	135	109	27	63	40	23.825	2	Φ23-Φ32	
-MTA4- 90	155.4	90	64	27	63	48	31.267	1	Φ32-Φ50	
-180	245.4	180	154	27	63	48	31.267	2	Φ32-Φ50	

规格说明:

SBT40 - MTA - 1 - 45

- 45 — L1 长度 Length (L1)
- 1 — 莫氏锥度号 Morse taper No.
- MTA — 有扁尾莫氏锥孔 Morse taper holder type A
- SBT40 — 锥柄形式 Diameter



·SBT50-MTA 带扁尾莫氏刀柄

SBT50-MTA TAPER ADAPTER(MORSE)



FIG. 1

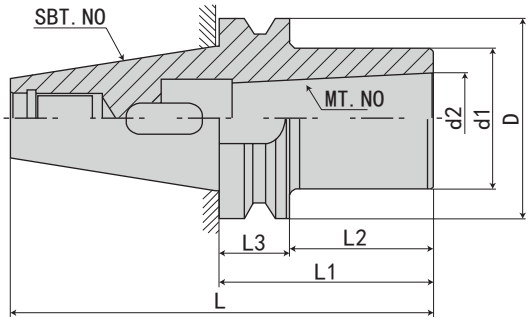
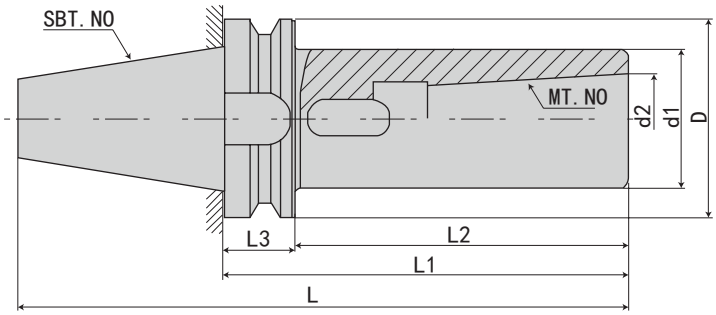


FIG. 2



配 件 Accessories



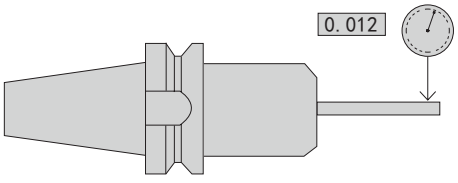
» P.K19

规 格 Mode	L	L1	L2	L3	D	d1	d2	FIG	夹持范围 Range	重量 KGS
SBT50-MTA1- 45	146.8	45	8.5	38	100	25	12.065	1	Φ2-Φ14	
-120	221.8	120	83.5	38	100	25	12.065	2	Φ2-Φ14	4.3
-180	281.8	180	143.5	38	100	25	12.065	2	Φ2-Φ14	
-210	311.8	210	173.5	38	100	25	12.065	2	Φ2-Φ14	
-MTA2- 60	161.8	60	23.5	38	100	32	17.18	1	Φ14-Φ23	
-135	236.8	135	98.5	38	100	32	17.18	2	Φ14-Φ23	4.5
-180	281.8	180	143.5	38	100	32	17.18	2	Φ14-Φ23	
-210	311.8	210	173.5	38	100	32	17.18	2	Φ14-Φ23	
-250	351.8	250	213.5	38	100	32	17.18	2	Φ14-Φ23	
-MTA3- 75	176.8	75	38.5	38	100	40	23.825	1	Φ23-Φ32	4.1
-150	251.8	150	113.5	38	100	40	23.825	2	Φ23-Φ32	
-180	281.8	180	143.5	38	100	40	23.825	2	Φ23-Φ32	
-210	311.8	210	173.5	38	100	40	23.825	2	Φ23-Φ32	
-250	351.8	250	213.5	38	100	40	23.825	2	Φ23-Φ32	
-300	401.8	300	263.5	38	100	40	23.825	2	Φ23-Φ32	
-MTA4- 75	176.8	75	38.5	38	100	48	31.267	1	Φ32-Φ50	4
-180	281.8	180	143.5	38	100	48	31.267	2	Φ32-Φ50	
-210	311.8	210	173.5	38	100	48	31.267	2	Φ32-Φ50	
-250	351.8	250	213.5	38	100	48	31.267	2	Φ32-Φ50	
-300	401.8	300	263.5	38	100	48	31.267	2	Φ32-Φ50	
-MTA5-115	216.8	115	78.5	38	100	65	44.399	1	Φ50-Φ75	
-210	311.8	210	173.5	38	100	66	45.399	2	Φ50-Φ76	
-250	351.8	250	213.5	38	100	67	46.399	2	Φ50-Φ77	
-MTA6-200	301.8	200	163.5	38	100	85	63.348	1	Φ75-Φ100	
-280	381.8	280	243.5	38	100	85	63.348	2	Φ75-Φ100	

规格说明:

SBT50 - MTA - 1 - 45

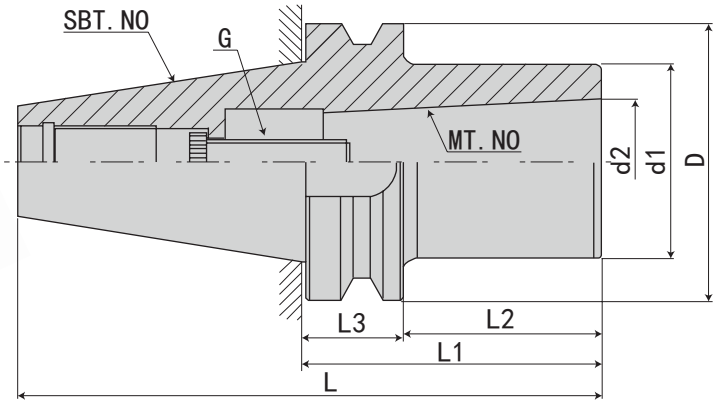
- 45 — L1 长度 Length (L1)
- 1 — 莫氏锥度号 Morse taper No.
- MTA — 有扁尾莫氏锥孔 Morse taper holder type A
- SBT50 — 锥柄形式 Taper size



·SBT30-MTB 无扁尾莫氏刀柄

SBT30-MTB MORSE TAP HOLDER





配 件 Accessories



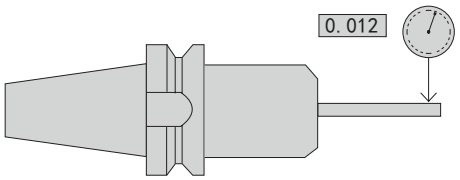
» P.K19

规 格 Model	L	L1	L2	L3	D	d1	d2	夹持范围 Range	重量 KGS
SBT30-MTB1-60	108.4	60	39	22	46	25	12.065	Φ10-Φ14	
-MTB2-60	108.4	60	39	22	46	32	17.18	Φ16-Φ22	
-MTB3-80	128.4	80	59	22	46	40	23.825	Φ24-Φ32	

规格说明:

SBT30 - MTB - 1 - 60

- 60 L1 长度 Length (L1)
- 1 莫氏锥度号 Morse taper No.
- MTB 无扁尾莫氏锥孔 Morse taper holder type B
- SBT30 锥柄形式 Taper size



·SBT40-MTB 无扁尾莫氏刀柄

SBT40-MTB MORSE TAP HOLDER



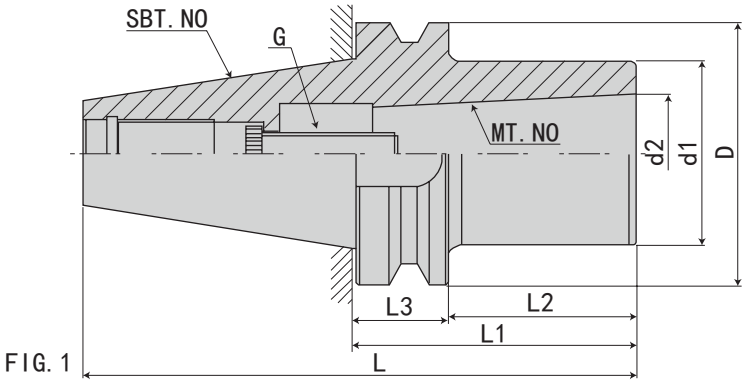


FIG. 1

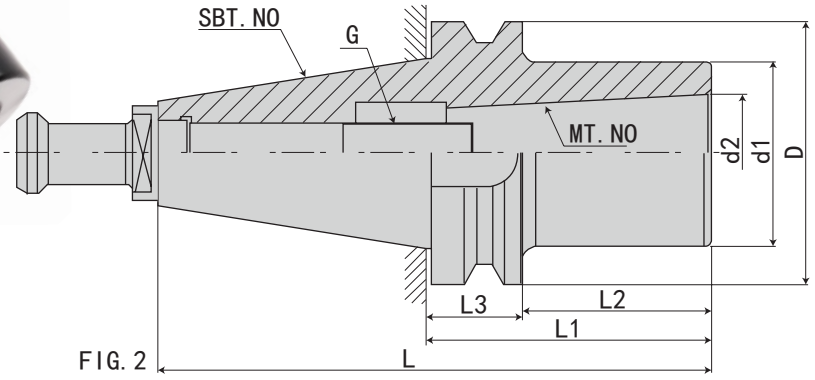


FIG. 2

配 件 Accessories



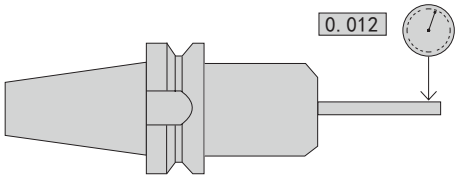
» P.K19

规 格 Model	L	L1	L2	L3	D	d1	d2	FIG	夹持范围 Range	重量 KGS
SBT40-MTB1- 45	110.4	45	19	27	63	25	12.065	1	Φ10-Φ14	
-120	185.4	120	94	27	63	25	12.065	2	Φ10-Φ14	
-MTB2- 45	110.4	45	19	27	63	32	17.18	1	Φ16-Φ22	
-120	185.4	120	94	27	63	32	17.18	2	Φ16-Φ22	
-MTB3- 75	140.4	75	49	27	63	40	23.825	1	Φ24-Φ32	
-135	200.4	135	109	27	63	40	23.825	2	Φ24-Φ32	
-MTB4- 90	155.4	90	64	27	63	48	31.267	1	Φ32-Φ50	
-180	245.4	180	154	27	63	48	31.267	2	Φ32-Φ50	

规格说明:

SBT40 - MTB - 1 - 45

- 45 — L1 长度 Length (L1)
- 1 — 莫氏锥度号 Morse taper No.
- MTB — 无扁尾莫氏锥孔 Morse taper holder type B
- SBT40 — 锥柄形式 Taper size



·SBT50-MTB 无扁尾莫氏刀柄

SBT50-MTB MORSE TAP HOLDER



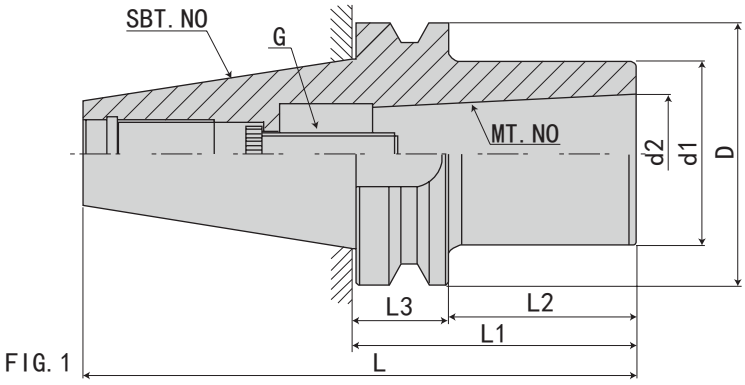


FIG. 1

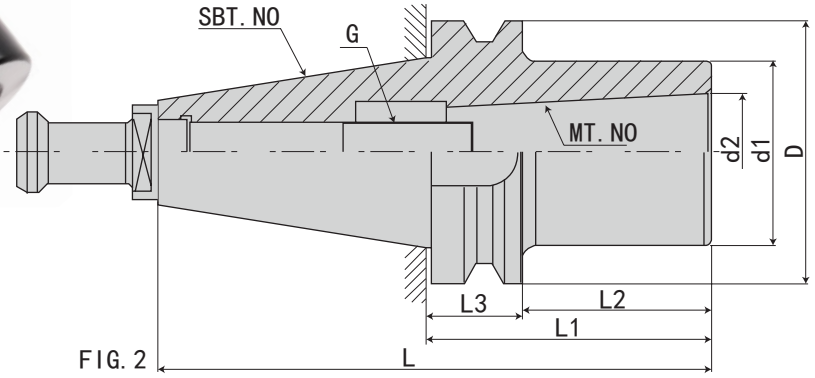


FIG. 2

配 件 Accessories



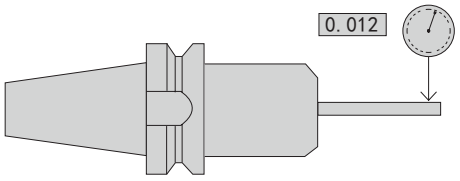
» P.K19

规 格 Model	L	L1	L2	L3	D	d1	d2	FIG	夹持范围 Range	重量 KGS
SBT50-MTB1- 45	146.8	45	8.5	38	100	25	12.065	1	Φ10-Φ14	
-120	221.8	120	83.5	38	100	25	12.065	2	Φ10-Φ14	
-MTB2- 60	161.8	60	23.5	38	100	32	17.18	1	Φ16-Φ22	
-135	236.8	135	98.5	38	100	32	17.18	2	Φ16-Φ22	
-MTB3- 75	176.8	75	38.5	38	100	40	23.825	1	Φ24-Φ32	
-150	251.8	150	113.5	38	100	40	23.825	2	Φ24-Φ32	
-MTB4- 75	176.8	75	38.5	38	100	48	31.267	1	Φ32-Φ50	
-180	281.8	180	143.5	38	100	48	31.267	2	Φ32-Φ50	
-MTB5-115	216.8	115	78.5	38	100	65	44.399	1	Φ40-Φ75	
-210	311.8	210	173.5	38	100	66	45.399	2	Φ40-Φ75	

规格说明:

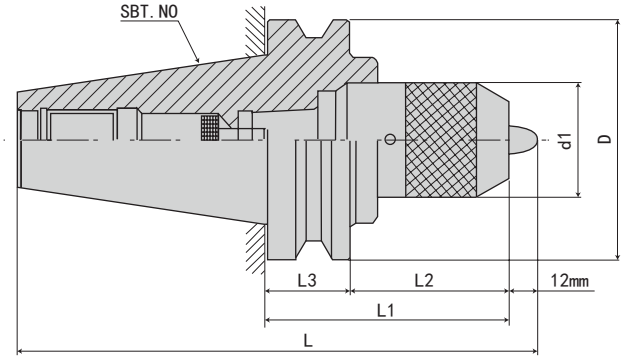
SBT50 - MTB - 1 - 45

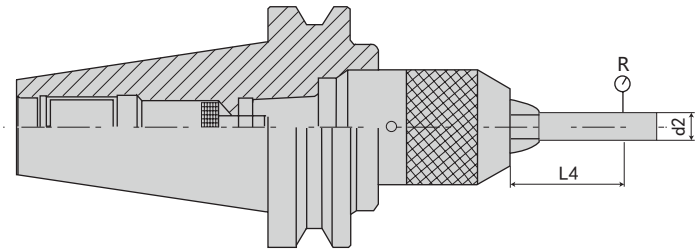
- 45 — L1 长度 Length (L1)
- 1 — 莫氏锥度号 Morse taper No.
- MTB — 无扁尾莫氏锥孔 Morse taper holder type B
- SBT50 — 锥柄形式 Taper size

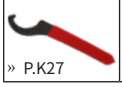


·SBT-APU 一体式钻夹头刀柄 SBT-APU DRILL CHUCK HOLDER

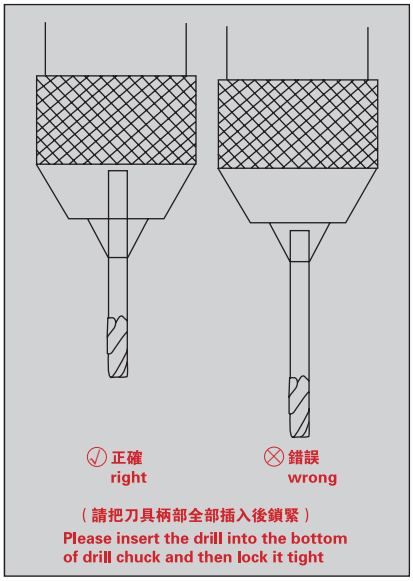






配 件 Accessories	
	
» P.K27	» P.K19

规 格 Model	L	L1	L2	L3	d1	d2	D	R	夹持范围 Range	重量 KGS
SBT30-APU13-110	158.4	110	89	22	50	13	46	0.08	1-13mm	1.85
-APU16-115	163.4	115	94	22	57	16	46	0.08	1-16mm	2.18
SBT40-APU13-110	175.4	110	84	27	50	13	63	0.08	1-13mm	2
-APU16-110	175.4	110	84	27	57	16	63	0.08	1-16mm	2.3
SBT50-APU13-130	231.8	130	93.5	38	50	13	100	0.08	1-13mm	4.7
-180	281.8	180	143.5	38	50	13	100	0.08	1-13mm	5.85
-APU16-130	231.8	130	93.5	38	57	16	100	0.08	1-16mm	5.03
-180	281.8	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.

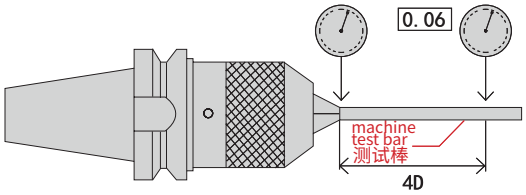
◎ The APU leaning precision is 0.06mm, like the need high accuracy request, please use ER or the SK serise.

◎ The spanner、 pull stud must purchase alone.

规格说明:

SBT30 - 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
- SBT30 锥柄形式 Taper size



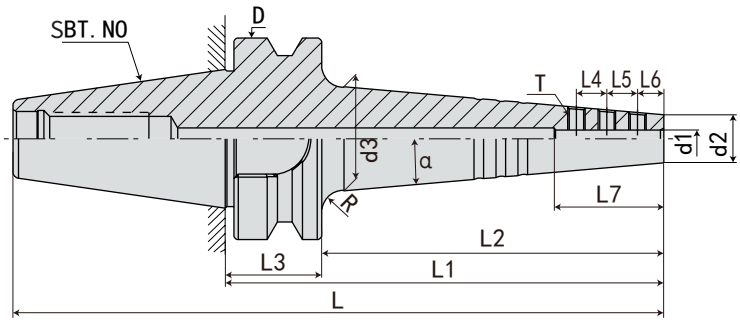
·SBT30-SLD 小径侧固刀柄

SBT30-SLD SMALL DIAMETER SIDE LOCK TOOL HOLDER



配 件 Accessories

» P.K19



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	
-100-A5	148.4	100	78	22	6	6	6	18	46	3	9	22	M3.5*3*0.35P*T6	5°	5	
-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	
-100-A5	148.4	100	78	22	7	7	6	20	46	4	11	24	M4*2.8*0.5P*H2	5°	5	
-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	
-100-A5	148.4	100	78	22	8	8	6	22	46	6	13	25.5	M5*4*0.5P*H2.5	5°	5	
-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	
-100-A5	148.4	100	78	22	10	10	7	27	46	8	15	28	M5*4*0.5P*H2.5	5°	5	

规格说明:

SBT30 - SLD - 3 - 80 - A5

- A5 锥度
- 80 L1 长度 Length (L1)
- 3 接口锥度 Taper No. of cutter
- SLD 功能代号 Holder type
- SBT30 锥柄形式 Taper size

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

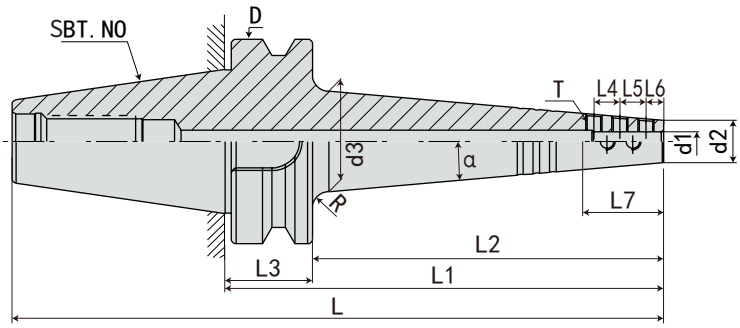
·SBT40-SLD 小径侧固刀柄

SBT40-SLD SMALL DIAMETER SIDE LOCK TOOL HOLDER



配 件 Accessories

» P.K19



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	
- SLD4-135-A5	200.4	135	108	27	7	7	6	20	63	4	11	29	M4*2.8*0.5P*H2	5°	5	
- SLD6-135-A5	200.4	135	108	27	8	8	6	22	63	6	13	31	M5*4*0.5P*H2.5	5°	5	
-150-A5	215.4	150	123	27	8	8	6	22	63	6	13	33.5	M5*4*0.5P*H2.5	5°	5	
-200-A5	265.4	200	173	27	8	8	6	22	63	6	13	41.5	M5*4*0.5P*H2.5	5°	5	
- SLD8-135-A5	200.4	135	108	27	10	10	7	27	63	8	15	33	M5*4*0.5P*H2.5	5°	5	
-150-A5	215.4	150	123	27	10	10	7	27	63	8	15	35.5	M5*4*0.5P*H2.5	5°	5	
-200-A5	265.4	200	173	27	10	10	7	27	63	8	15	43.5	M5*4*0.5P*H2.5	5°	5	
-SLD10-135-A5	200.4	135	108	27	10	10	10	35	63	10	17	35	M5*4*0.5P*H2.5	5°	5	
-150-A5	215.4	150	123	27	10	10	10	35	63	10	17	37.5	M5*4*0.5P*H2.5	5°	5	
-200-A5	265.4	200	173	27	10	10	10	35	63	10	17	45.5	M5*4*0.5P*H2.5	5°	5	
-SLD12-135-A5	200.4	135	108	27	10	10	10	45	63	12	22	40	M6*5*0.75P*H3	5°	5	
-150-A5	215.4	150	123	27	10	10	10	45	63	12	22	42.5	M6*5*0.75P*H3	5°	5	
-200-A5	265.4	200	173	27	10	10	10	45	63	12	22	50.5	M6*5*0.75P*H3	5°	5	
- 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	
-200-A3	265.4	200	173	27	8	8	6	22	63	6	13	30.5	M5*4*0.5P*H2.5	3°	5	
- 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	
-200-A3	265.4	200	173	27	10	10	7	27	63	8	15	32.5	M5*4*0.5P*H2.5	3°	5	
-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	
-200-A3	265.4	200	173	27	10	10	10	35	63	10	17	34.5	M5*4*0.5P*H2.5	3°	5	

规格说明:

SBT40 - SLD - 3 - 135 - A5

- A5 锥度
- 135 L1 长度 Length (L1)
- 3 接口锥度 Taper No. of cutter
- SLD 功能代号 Holder type
- SBT40 锥柄形式 Taper size

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

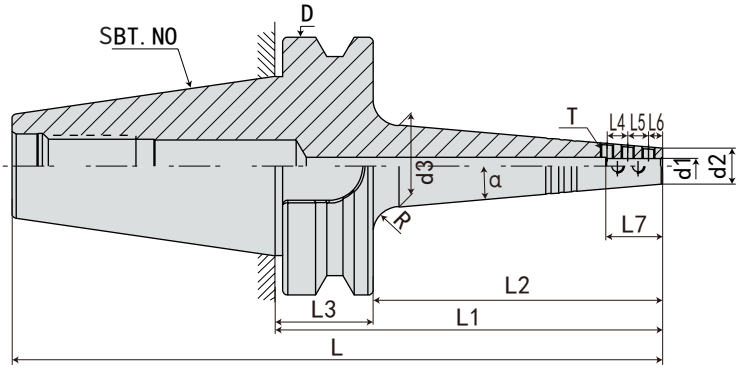
·SBT50-SLD 小径侧固刀柄

SBT40-SLD SMALL DIAMETER SIDE LOCK TOOL HOLDER



配 件 Accessories

» P.K19



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	
-200-A5	301.8	200	162	38	7	7	6	20	100	4	12	38.5	M4*2.8*0.5P*H2	5°	10	
-250-A5	351.8	250	212	38	7	7	6	20	100	4	12	47.5	M4*2.8*0.5P*H2	5°	10	
-300-A5	401.8	300	262	38	7	7	6	20	100	4	12	56	M4*2.8*0.5P*H2	5°	10	
- SLD6-150-A5	251.8	150	112	38	8	8	6	22	100	6	14	32	M5*4*0.5P*H2.5	5°	10	
-200-A5	301.8	200	162	38	8	8	6	22	100	6	14	40.5	M5*4*0.5P*H2.5	5°	10	
-250-A5	351.8	250	212	38	8	8	6	22	100	6	14	49.5	M5*4*0.5P*H2.5	5°	10	
-300-A5	401.8	300	262	38	8	8	6	22	100	6	14	58	M5*4*0.5P*H2.5	5°	10	
- SLD8-150-A5	251.8	150	112	38	10	10	7	27	100	8	16	34	M5*4*0.5P*H2.5	5°	10	
-200-A5	301.8	200	162	38	10	10	7	27	100	8	16	42.5	M5*4*0.5P*H2.5	5°	10	
-250-A5	351.8	250	212	38	10	10	7	27	100	8	16	51.5	M5*4*0.5P*H2.5	5°	10	
-300-A5	401.8	300	262	38	10	10	7	27	100	8	16	60	M5*4*0.5P*H2.5	5°	10	
-SLD10-150-A5	251.8	150	112	38	10	10	10	35	100	10	18	36	M5*4*0.5P*H2.5	5°	10	
-200-A5	301.8	200	162	38	10	10	10	35	100	10	18	44.5	M5*4*0.5P*H2.5	5°	10	
-250-A5	351.8	250	212	38	10	10	10	35	100	10	18	53.5	M5*4*0.5P*H2.5	5°	10	
-300-A5	401.8	300	262	38	10	10	10	35	100	10	18	62	M5*4*0.5P*H2.5	5°	10	
-SLD12-150-A5	251.8	150	112	38	10	10	10	45	100	12	22	40	M6*5*0.75P*H3	5°	10	
-200-A5	301.8	200	162	38	10	10	10	45	100	12	22	48.5	M6*5*0.75P*H3	5°	10	
-250-A5	351.8	250	212	38	10	10	10	45	100	12	22	57.5	M6*5*0.75P*H3	5°	10	
-300-A5	401.8	300	262	38	10	10	10	45	100	12	22	66	M6*5*0.75P*H3	5°	10	
-SLD16-150-A5	251.8	150	112	38	12	12	10	50	100	16	26	44	M8*5*0.75P*L4	5°	10	
-200-A5	301.8	200	162	38	12	12	10	50	100	16	26	52.5	M8*5*0.75P*L4	5°	10	
-250-A5	351.8	250	212	38	12	12	10	50	100	16	26	61.5	M8*5*0.75P*L4	5°	10	
-300-A5	401.8	300	262	38	12	12	10	50	100	16	26	70	M8*5*0.75P*L4	5°	10	
-SLD20-150-A5	251.8	150	112	38	12	12	10	55	100	20	30	48	M8*5*0.75P*L4	5°	10	
-200-A5	301.8	200	162	38	12	12	10	55	100	20	30	56.5	M8*5*0.75P*L4	5°	10	
-250-A5	351.8	250	212	38	12	12	10	55	100	20	30	65.5	M8*5*0.75P*L4	5°	10	
-300-A5	401.8	300	262	38	12	12	10	55	100	20	30	74	M8*5*0.75P*L4	5°	10	

规格说明:

SBT50 - SLD - 4 - 150 - A5

- A5 锥度
- 150 L1 长度 Length (L1)
- 4 接口锥度 Taper No. of cutter
- SLD 功能代号 Holder type
- SBT50 锥柄形式 Taper size

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

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

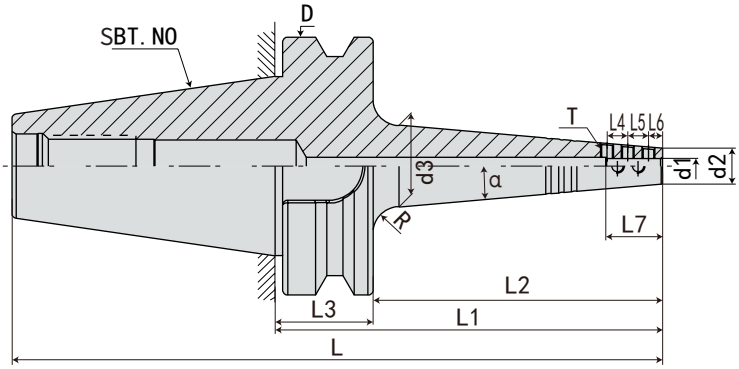
·SBT50-SLD 小径侧固刀柄

SBT40-SLD SMALL DIAMETER SIDE LOCK TOOL HOLDER



配 件 Accessories

» P.K19



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	
-200-A3	301.8	200	162	38	8	8	6	22	100	6	14	30	M5*4*0.5P*H2.5	3°	10	
-250-A3	351.8	250	212	38	8	8	6	22	100	6	14	35	M5*4*0.5P*H2.5	3°	10	
-300-A3	401.8	300	262	38	8	8	6	22	100	6	14	40	M5*4*0.5P*H2.5	3°	10	
- SLD8-150-A3	251.8	150	112	38	10	10	7	27	100	8	16	27	M5*4*0.5P*H2.5	3°	10	
-200-A3	301.8	200	162	38	10	10	7	27	100	8	16	32	M5*4*0.5P*H2.5	3°	10	
-250-A3	351.8	250	212	38	10	10	7	27	100	8	16	37	M5*4*0.5P*H2.5	3°	10	
-300-A3	401.8	300	262	38	10	10	7	27	100	8	16	42	M5*4*0.5P*H2.5	3°	10	
-SLD10-150-A3	251.8	150	112	38	10	10	10	35	100	10	18	29	M5*4*0.5P*H2.5	3°	10	
-200-A3	301.8	200	162	38	10	10	10	35	100	10	18	34	M5*4*0.5P*H2.5	3°	10	
-250-A3	351.8	250	212	38	10	10	10	35	100	10	18	39	M5*4*0.5P*H2.5	3°	10	
-300-A3	401.8	300	262	38	10	10	10	35	100	10	18	44	M5*4*0.5P*H2.5	3°	10	
-SLD12-150-A3	251.8	150	112	38	10	10	10	45	100	12	22	33	M6*5*0.75P*H3	3°	10	
-200-A3	301.8	200	162	38	10	10	10	45	100	12	22	38	M6*5*0.75P*H3	3°	10	
-250-A3	351.8	250	212	38	10	10	10	45	100	12	22	43	M6*5*0.75P*H3	3°	10	
-300-A3	401.8	300	262	38	10	10	10	45	100	12	22	48	M6*5*0.75P*H3	3°	10	

规格说明:

SBT50 - SLD - 6 - 150 - A3

- A3 锥度
- 150 L1 长度 Length (L1)
- 6 接口锥度 Taper No. of cutter
- SLD 功能代号 Holder type
- SBT50 锥柄形式 Taper size

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

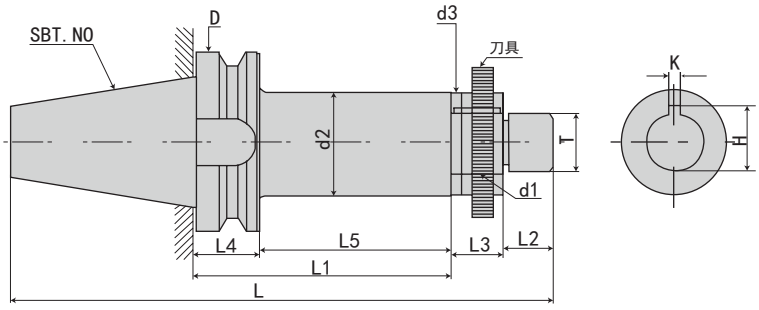
·SBT-SCA 侧铣刀柄 SBT-SCA SIDE CUTTER ADAPTET



配 件 Accessories



» P.K19



规 格 Model	L	L1	L2	L3	L4	L5	D	d1	d2	d3	K	H	T	重量 KGS
SBT30-SCA10- 60	108.4	60	12	30	22	39	46	10	18	18	-	-	M8*1.25P	
-SCA16- 60	108.4	60	16	30	22	39	46	16	26	26	4	17.7	M14*1.5P	
-SCA22- 60	108.4	60	22	30	22	39	46	22	34	34	6	24.3	M20*1.5P	
-SCA27- 75	123.4	75	28	30	22	54	46	27	41	41	7	30	M24*1.5P	
SBT40-SCA16- 60	171.4	60	16	30	27	34	63	16	26	26	4	17.7	M14*1.5P	
-SCA22- 75	192.4	75	22	30	27	49	63	22	34	34	6	24.3	M20*1.5P	
-120	237.4	120	22	30	27	94	63	22	34	34	6	24.3	M20*1.5P	
-SCA27- 75	198.4	75	28	30	27	49	63	27	41	41	7	30	M24*1.5P	
-120	243.4	120	28	30	27	94	63	27	41	41	7	30	M24*1.5P	
-SCA32- 90	217.4	90	32	30	27	64	63	32	47	47	8	35	M30*1.5P	
-180	307.4	180	32	30	27	154	63	32	47	47	8	35	M30*1.5P	
SBT50-SCA22- 90	243.8	90	22	30	38	53.5	100	22	34	34	6	24.3	M20*1.5P	
-135	288.8	135	22	30	38	98.5	100	22	34	34	6	24.3	M20*1.5P	
-SCA27- 90	249.8	90	28	30	38	53.5	100	27	41	41	7	30	M24*1.5P	
-135	294.8	135	28	30	38	98.5	100	27	41	41	7	30	M24*1.5P	
-SCA32- 90	253.8	90	32	30	38	53.5	100	32	47	47	8	35	M30*1.5P	
-135	398.8	135	32	30	38	98.5	100	32	47	47	8	35	M30*1.5P	
-SCA40- 90	261.8	90	40	30	38	53.5	100	40	55	55	10	43.7	M36*2.0P	
-135	306.8	135	40	30	38	98.5	100	40	55	55	10	43.7	M36*2.0P	

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.

规格说明:

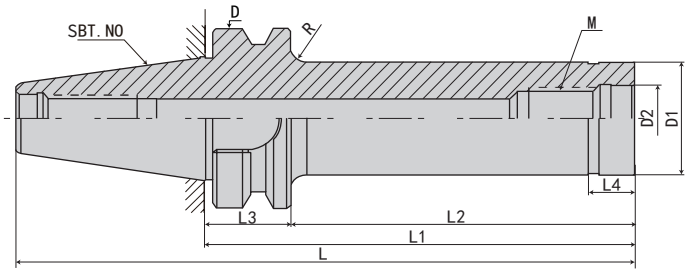
SBT30 - SCA - 10 - 60

- 60 — L1 长度 Length (L1)
- 10 — 刀片内孔直径 Diameter
- SCA — 功能代号 Holder type
- SBT30 — 锥柄形式 Taper size

·SBT30-M 螺纹连接刀柄（直柄）

SBT30-M THERADED CHUCK





配 件 Accessories



» P.K19

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	
- 90	138.4	90	68	22	12	46	15.4	8.5	M8*1.25P	4	0.5
-110	158.4	110	88	22	12	46	15.4	8.5	M8*1.25P	4	
-M10- 60	108.4	60	38	22	12	46	19	10.5	M10*1.5P	4	
- 90	138.4	90	68	22	12	46	19	10.5	M10*1.5P	4	0.5
-110	158.4	110	88	22	12	46	19	10.5	M10*1.5P	4	
-M12- 60	108.4	60	38	22	12	46	24	12.5	M12*1.75P	4	
- 90	138.4	90	68	22	12	46	24	12.5	M12*1.75P	4	0.6
-110	158.4	110	88	22	12	46	24	12.5	M12*1.75P	4	
-M16- 60	108.4	60	38	22	12	46	29	17	M16*2.0P	4	
- 90	138.4	90	68	22	12	46	29	17	M16*2.0P	4	0.7
-110	158.4	110	88	22	12	46	29	17	M16*2.0P	4	

规格说明:

SBT30 - M - 08 - 60

- 60 — L1 长度 Length (L1)
- 08 — 接口大小 Interface size
- M — 功能代号 Holder type
- SBT30 — 锥柄形式 Shank size

·SBT40-M 螺纹连接刀柄（直柄）

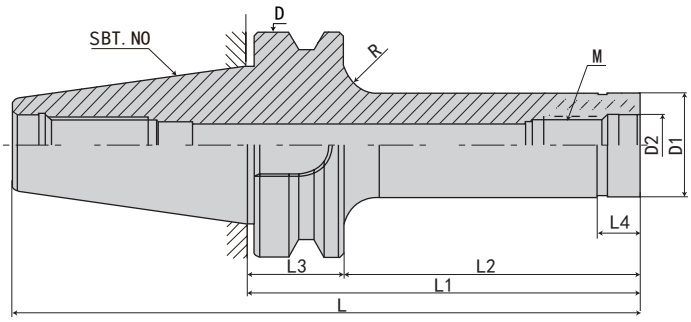
SBT40-M THERADED CHUCK



配 件 Accessories



» P.K19



规格 Model	L	L1	L2	L3	L4	D	D1	D2	M	R	重量 KGS
SBT40-M08- 60	125.4	60	33	27	12	63	15.4	8.5	M8*1.25P	10	1.1
- 90	155.4	90	63	27	12	63	15.4	8.5	M8*1.25P	10	1.2
-110	175.4	110	83	27	12	63	15.4	8.5	M8*1.25P	10	1.2
-M10- 60	125.4	60	33	27	12	63	19	10.5	M10*1.5P	10	1.1
- 90	155.4	90	63	27	12	63	19	10.5	M10*1.5P	10	1.1
-110	175.4	110	83	27	12	63	19	10.5	M10*1.5P	10	1.2
-M12- 60	125.4	60	33	27	12	63	24	12.5	M12*1.75P	10	1.2
- 90	155.4	90	63	27	12	63	24	12.5	M12*1.75P	10	1.3
-110	175.4	110	83	27	12	63	24	12.5	M12*1.75P	10	1.3
-M16- 60	125.4	60	33	27	12	63	29	17	M16*2.0P	10	1.2
- 90	155.4	90	63	27	12	63	29	17	M16*2.0P	10	1.3
-110	175.4	110	83	27	12	63	29	17	M16*2.0P	10	1.4

规格说明:

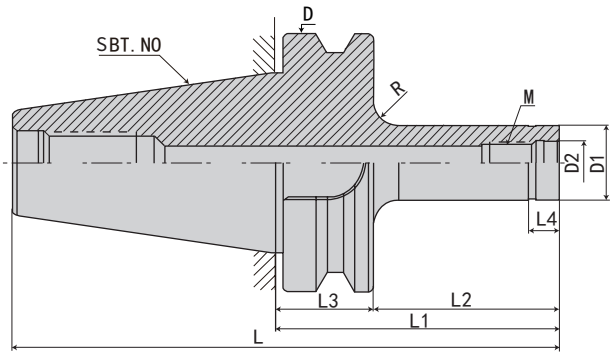
SBT40 - M - 08 - 60

- 60 — L1 长度 Length (L1)
- 08 — 接口大小 Interface size
- M — 功能代号 Holder type
- SBT40 — 锥柄形式 Taper size

·SBT50-M 螺纹连接刀柄（直柄）

SBT50-M THERADED CHUCK





配 件 Accessories



» P.K19

规格 Model	L	L1	L2	L3	L4	D	D1	D2	M	R	重量 KGS
SBT50-M08- 60	161.8	60	22	38	12	100	15.4	8.5	M8*1.25P	10	
- 90	191.8	90	52	38	12	100	15.4	8.5	M8*1.25P	10	3.8
-110	211.8	110	72	38	12	100	15.4	8.5	M8*1.25P	10	3.8
-M10- 60	161.8	60	22	38	12	100	19	10.5	M10*1.5P	10	
- 90	191.8	90	52	38	12	100	19	10.5	M10*1.5P	10	3.8
-110	211.8	110	72	38	12	100	19	10.5	M10*1.5P	10	3.8
-M12- 60	161.8	60	22	38	12	100	24	12.5	M12*1.75P	10	
- 90	191.8	90	52	38	12	100	24	12.5	M12*1.75P	10	3.9
-110	211.8	110	72	38	12	100	24	12.5	M12*1.75P	10	3.9
-M16- 60	161.8	60	22	38	12	100	29	17	M16*2.0P	10	3.9
- 90	191.8	90	52	38	12	100	29	17	M16*2.0P	10	3.9
-110	211.8	110	72	38	12	100	29	17	M16*2.0P	10	3.9

规格说明:

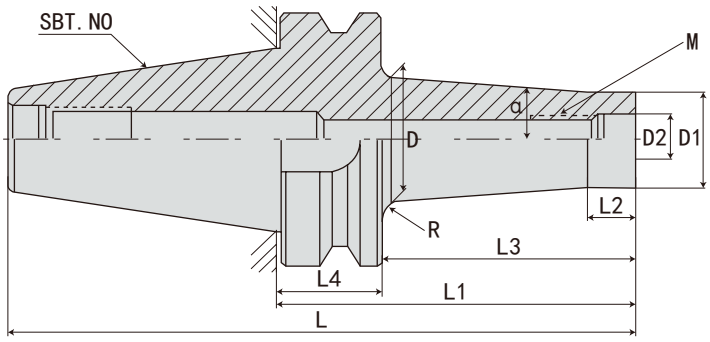
SBT50 - M - 08 - 60

- 60 L1 长度 Length (L1)
- 08 接口大小 Interface size
- M 功能代号 Holder type
- SBT50 锥柄形式 Taper size

·SBT30-M 螺纹连接刀柄（斜柄）

SBT30-M THERADED CHUCK





配 件 Accessories



» P.K19

规格 Model	L	L1	L2	L3	L4	D	D1	D2	M	α	R	重量 KGS
SBT30-M08-60-A5	108.4	60	12	39	22	19.5	15.4	8.5	M8*1.25P	5°	4	
-90-A5	138.4	90	12	69	22	24.5	15.4	8.5	M8*1.25P	5°	4	
-M10-60-A4	108.4	60	12	39	22	22	19	10.5	M10*1.5P	4°	4	
-90-A4	138.4	90	12	69	22	26	19	10.5	M10*1.5P	4°	4	
-M12-60-A4	108.4	60	12	39	22	27	24	12.5	M12*1.75P	4°	4	
-90-A4	138.4	90	12	69	22	31.5	24	12.5	M12*1.75P	4°	2	
-M16-60-A4	108.4	60	12	39	22	32.5	29	17	M16*2.0P	4°	2	
-90-A4	138.4	90	12	69	22	36.5	29	17	M16*2.0P	4°	2	

规格说明:

SBT30 - M - 08 - 60 - A5

- A5 单边锥度 Unilateral taper
- 60 L1 长度 Length (L1)
- 08 接口大小 Interface size
- M 功能代号 Holder type
- SBT30 锥柄形式 Taper size

·SBT40-M 螺纹连接刀柄（斜柄）

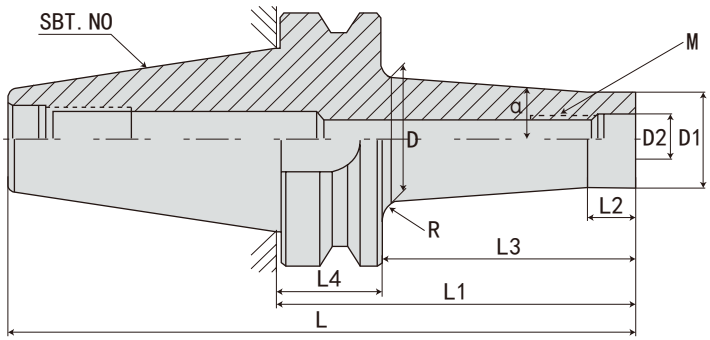
SBT40-M THERADED CHUCK



配 件 Accessories



» P.K19



规格 Model	L	L1	L2	L3	L4	D	D1	D2	M	α	R	重量 KGS
SBT40-M08- 60-A5	125.4	60	12	34	27	18	15.4	8.5	M8*1.25P	5°	5	
- 90-A5	155.4	90	12	64	27	23.5	15.4	8.5	M8*1.25P	5°	5	
-110-A5	175.4	110	12	84	27	27	15.4	8.5	M8*1.25P	5°	5	
-150-A5	215.4	150	12	124	27	34	15.4	8.5	M8*1.25P	5°	5	
-200-A5	265.4	200	12	174	27	42.5	15.4	8.5	M8*1.25P	5°	5	
-M10- 60-A4	125.4	60	12	34	27	21.5	19	10.5	M10*1.5P	4°	5	
- 90-A4	155.4	90	12	64	27	25.5	19	10.5	M10*1.5P	4°	5	
-110-A4	175.4	110	12	84	27	28.5	19	10.5	M10*1.5P	4°	5	
-150-A4	215.4	150	12	124	27	34	19	10.5	M10*1.5P	4°	5	
-200-A4	265.4	200	12	174	27	41	19	10.5	M10*1.5P	4°	5	
-M12- 60-A4	125.4	60	12	34	27	25.5	23	12.5	M12*1.75P	4°	5	
- 90-A4	155.4	90	12	64	27	29.5	23	12.5	M12*1.75P	4°	5	
-110-A4	175.4	110	12	84	27	32.5	23	12.5	M12*1.75P	4°	5	
-135-A4	200.4	135	12	109	27	36	23	12.5	M12*1.75P	4°	5	
-150-A4	215.4	150	12	124	27	38	23	12.5	M12*1.75P	4°	5	
-200-A4	265.4	200	12	174	27	45	23	12.5	M12*1.75P	4°	5	
-M16- 60-A4	125.4	60	12	34	27	31	28.8	17	M16*2.0P	4°	5	
- 90-A4	155.4	90	12	64	27	35.5	28.8	17	M16*2.0P	4°	5	
-110-A4	175.4	110	12	84	27	38	28.8	17	M16*2.0P	4°	5	
-135-A4	200.4	135	12	109	27	41.5	28.8	17	M16*2.0P	4°	5	
-150-A4	215.4	150	12	124	27	43.5	28.8	17	M16*2.0P	4°	5	
-200-A4	265.4	200	12	174	27	50.5	28.8	17	M16*2.0P	4°	5	

规格说明:

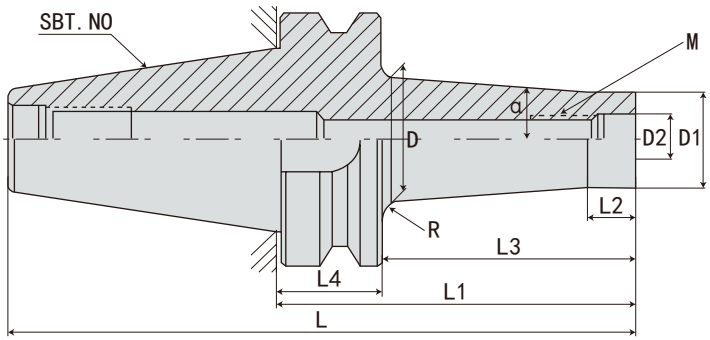
SBT40 - M - 08 - 60 - A5

- A5 单边锥度 Unilateral taper
- 60 L1 长度 Length (L1)
- 08 接口大小 Interface size
- M 功能代号 Holder type
- SBT40 锥柄形式 Taper size

·SBT50-M 螺纹连接刀柄（斜柄）

SBT50-M THERADED CHUCK





配 件 Accessories



» P.K19

规格 Model	L	L1	L2	L3	L4	D	D1	D2	M	α	R	重量 KGS
SBT50-M08- 60-A5	161.8	60	12	23.5	38	17.5	15.4	8.5	M8*1.25P	5°	10	
- 90-A5	191.8	90	12	53.5	38	20.5	15.4	8.5	M8*1.25P	5°	10	
-110-A5	211.8	110	12	73.5	38	24	15.4	8.5	M8*1.25P	5°	10	
-150-A5	251.8	150	12	113.5	38	31	15.4	8.5	M8*1.25P	5°	10	
-200-A5	301.8	200	12	163.5	38	40	15.4	8.5	M8*1.25P	5°	10	
-250-A5	351.8	250	12	213.5	38	48.5	15.4	8.5	M8*1.25P	5°	10	
-300-A5	401.8	300	12	263.5	38	57.5	15.4	8.5	M8*1.25P	5°	10	
-M10- 60-A4	161.8	60	12	23.5	38	20.5	19	10.5	M10*1.5P	4°	10	
- 90-A4	191.8	90	12	53.5	38	23	19	10.5	M10*1.5P	4°	10	
-110-A4	211.8	110	12	73.5	38	26	19	10.5	M10*1.5P	4°	10	
-150-A4	251.8	150	12	113.5	38	31.5	19	10.5	M10*1.5P	4°	10	
-200-A4	301.8	200	12	163.5	38	38.5	19	10.5	M10*1.5P	4°	10	
-250-A4	351.8	250	12	213.5	38	45.5	19	10.5	M10*1.5P	4°	10	
-300-A4	401.8	300	12	263.5	38	52.5	19	10.5	M10*1.5P	4°	10	
-M12- 60-A4	161.8	60	12	23.5	38	25.5	24	12.5	M12*1.75P	4°	10	
- 90-A4	191.8	90	12	53.5	38	28	24	12.5	M12*1.75P	4°	10	
-110-A4	211.8	110	12	73.5	38	31	24	12.5	M12*1.75P	4°	10	
-135-A4	236.8	135	12	98.5	38	34.5	24	12.5	M12*1.75P	4°	10	
-150-A4	251.8	150	12	113.5	38	36.5	24	12.5	M12*1.75P	4°	10	
-200-A4	301.8	200	12	163.5	38	43.5	24	12.5	M12*1.75P	4°	10	
-250-A4	351.8	250	12	213.5	38	50.5	24	12.5	M12*1.75P	4°	10	
-300-A4	401.8	300	12	263.5	38	57.5	24	12.5	M12*1.75P	4°	10	
-M16- 60-A4	161.8	60	12	23.5	38	30.5	29	17	M16*2.0P	4°	10	
- 90-A4	191.8	90	12	53.5	38	33	29	17	M16*2.0P	4°	10	
-110-A4	211.8	110	12	73.5	38	36	29	17	M16*2.0P	4°	10	
-135-A4	236.8	135	12	98.5	38	39.5	29	17	M16*2.0P	4°	10	
-150-A4	251.8	150	12	113.5	38	41.5	29	17	M16*2.0P	4°	10	
-200-A4	301.8	200	12	163.5	38	48.5	29	17	M16*2.0P	4°	10	
-250-A4	351.8	250	12	213.5	38	55.5	29	17	M16*2.0P	4°	10	
-300-A4	401.8	300	12	263.5	38	62.5	29	17	M16*2.0P	4°	10	

规格说明:

SBT50 - M - 08 - 60 - A5

- SBT50 锥柄形式 Taper size
- M 功能代号 Holder type
- 08 接口大小 Interface size
- 60 L1 长度 Length (L1)
- A5 单边锥度 Unilateral taper

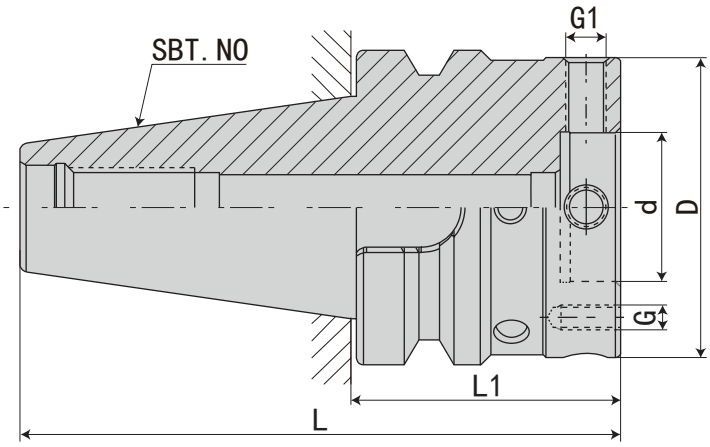
·SBT-MOD 模块刀柄 SBT-MOD MODULAR TOOL HOLDER



配 件 Accessories



» P.K19

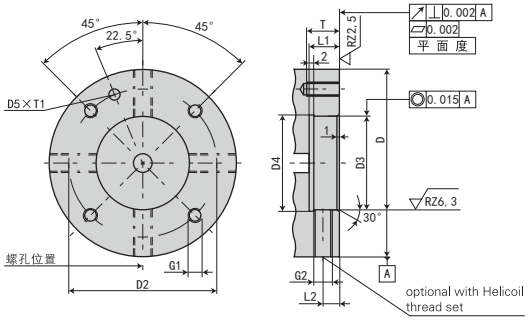


规格 Model	L	L1	D	d	G1	G	重量 KGS
SBT30-MOD060-040	88.4	40	60	30	M8*1.0P	M5*0.8P	0.7
-MOD070-040	88.4	40	70	35	M8*1.0P	M6*1.0P	0.8
SBT40-MOD060-055	120.4	55	60	30	M8*1.0P	M5*0.8P	1.5
-MOD070-055	120.4	55	70	35	M8*1.0P	M6*1.0P	1.6
-MOD080-065	130.4	65	80	40	M8*1.0P	M6*1.0P	2
-MOD100-070	135.4	70	100	50	M10*1.0P	M8*1.25P	2.6
SBT45-MOD060-065	147.8	65	60	30	M8*1.0P	M5*0.8P	3
-MOD070-065	147.8	65	70	35	M8*1.0P	M6*1.0P	3.1
-MOD080-065	147.8	65	80	40	M8*1.0P	M6*1.0P	3.3
-MOD100-075	157.8	75	100	50	M10*1.0P	M8*1.25P	3.5
-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
-MOD070-070	171.8	70	70	35	M8*1.0P	M6*1.0P	4.9
-MOD080-070	171.8	70	80	40	M8*1.0P	M6*1.0P	5.1
-MOD100-070	171.8	70	100	50	M10*1.0P	M8*1.25P	5.3
-MOD117-080	181.8	80	117	60	M10*1.0P	M8*1.25P	6.3
-MOD140-080	181.8	80	140	80	M10*1.0P	M8*1.25P	6.6

规格说明:

SBT30 - MOD - 060 - 040

- 040 — L1 长度 Length (L1)
- 060 — 接口大小 Collect model
- MOD — 功能代号 Holder type
- SBT30 — 锥柄形式 Taper size



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	5.0	5.0	5.0	6.0	6.0	6.0	6.0
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



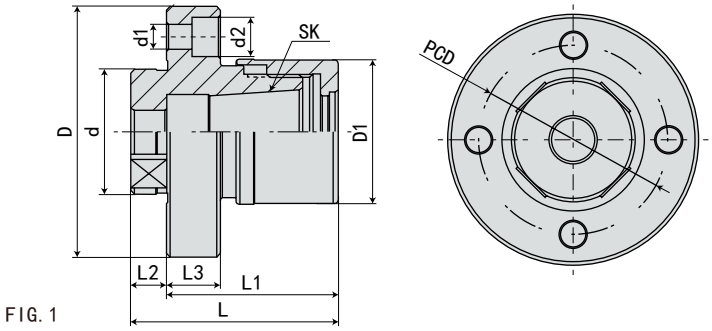


FIG. 1



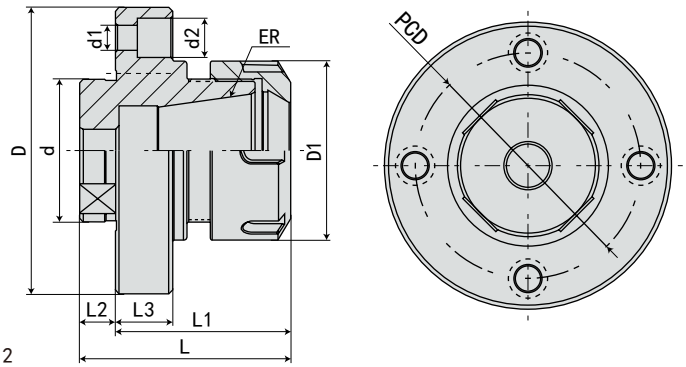


FIG. 2

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

规格说明:

MOD - GSK - 16 - 48

- 48 — L1 长度 Length (L1)
- 16 — 筒夹型号 Collect model
- GSK — 筒夹种类 Collect type GSK
- MOD — 锥柄形式 Taper size

·SBT-MOD 可调精度刀柄（铰刀专用）

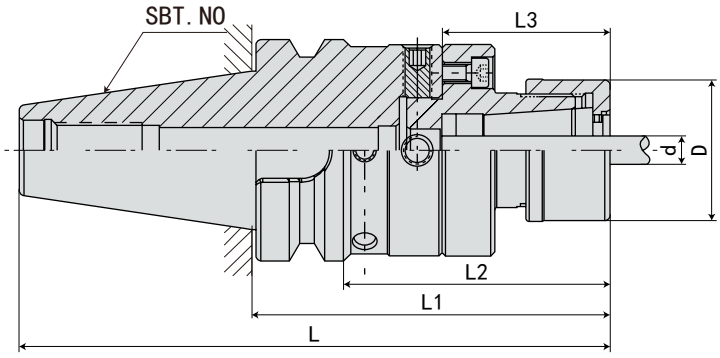
SBT-MOD ADJUSTABLE CHUCK（REAMER USING）



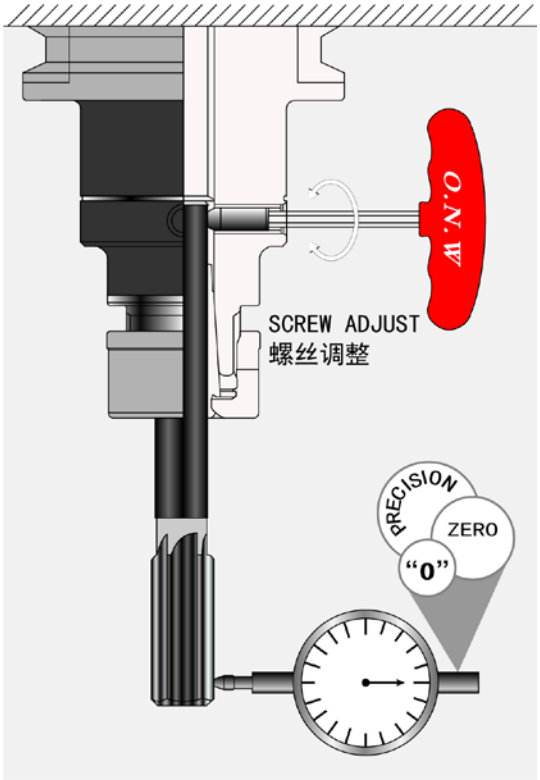
配 件 Accessories

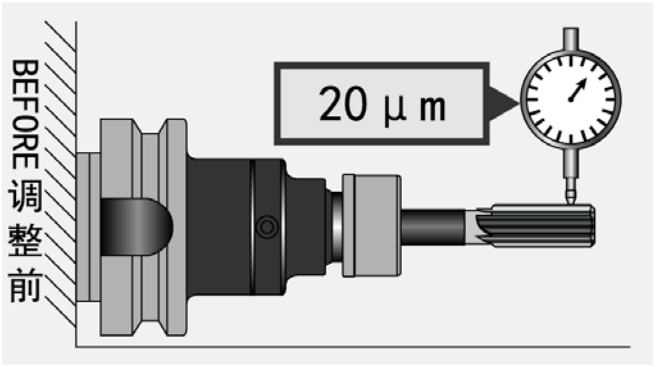


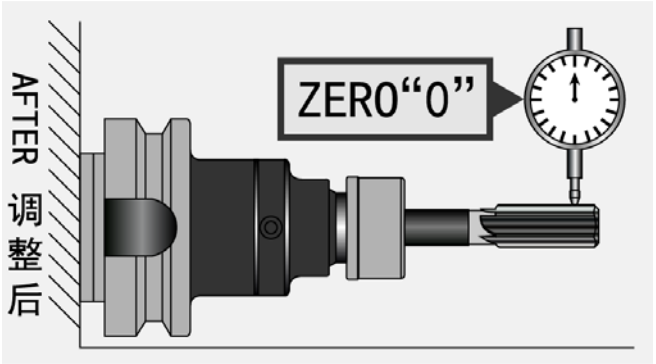
» P.J19



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
-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
-MOD070-GSK16-103	168.4	103	76	48	40	3-16mm	GSK16
-MOD080- ER32-114	179.4	114	87	49	50	2-20mm	ER32
-MOD080-GSK16-114	179.4	114	87	49	40	3-16mm	GSK16
-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
-MOD070-GSK16-118	219.8	118	80	48	40	3-16mm	GSK16
-MOD080- ER32-119	220.8	119	81	49	50	2-20mm	ER32
-MOD080-GSK16-119	220.8	119	81	49	40	3-16mm	GSK16
-MOD100- ER40-133	234.8	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.

规格说明:

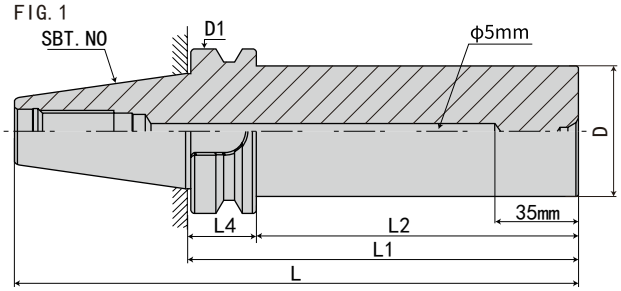
SBT30 - MOD060 - GSK - 16 - 88

- 88 L1 长度 Length (L1)
- 16 筒夹型号 Collect model
- GSK 筒夹种类 Collect type GSK
- MOD060 功能代号 Holder type
- SBT30 锥柄形式 Taper size

·SBT- 基础柄刀柄 SBT SEMI-FINISHED TOOL HOLDER



FIG. 1



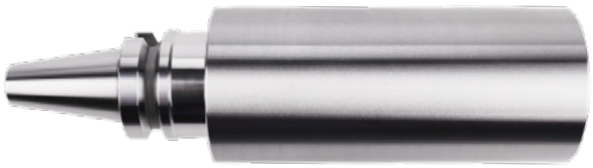
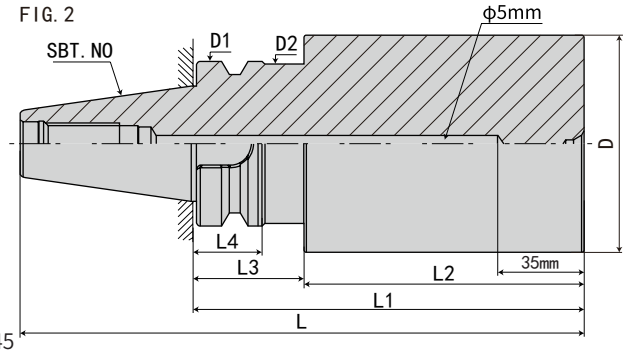


FIG. 2



配 件 Accessories



» P.K19

- 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	
-125	173.4	125	93	32	22	50	46	44	2	
-150	198.4	150	118	32	22	50	46	44	2	
- D63-100	148.4	100	68	32	22	63	46	44	2	
-125	173.4	125	93	32	22	63	46	44	2	
-150	198.4	150	118	32	22	63	46	44	2	
- D83-100	148.4	100	68	32	22	83	46	44	2	
-125	173.4	125	93	32	22	83	46	44	2	
-D102-125	173.4	125	93	32	22	102	46	44	2	
SBT40- D50-100	165.4	100	73	-	27	50	63	-	1	
-150	215.4	150	123	-	27	50	63	-	1	
-200	265.4	200	173	-	27	50	63	-	1	
- D63-100	165.4	100	63	37	27	63	63	61	2	
-150	215.4	150	113	37	27	63	63	61	2	
-200	265.4	200	163	37	27	63	63	61	2	
-250	315.4	250	213	37	27	63	63	61	2	
- D83-100	165.4	100	63	37	27	83	63	61	2	
-150	215.4	150	113	37	27	83	63	61	2	
-200	265.4	200	163	37	27	83	63	61	2	
-250	315.4	250	213	37	27	83	63	61	2	
-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	
-150	251.8	150	102	48	38	102	100	98	2	
-200	301.8	200	152	48	38	102	100	98	2	
-250	351.8	250	202	48	38	102	100	98	2	
-300	401.8	300	252	48	38	102	100	98	2	
-D127-150	251.8	150	102	48	38	127	100	98	2	
-200	301.8	200	152	48	38	127	100	98	2	

规格说明:

SBT30 - D - 50 - 100

- 100 L1 长度 Length（L1）
- 50 刀杆直径 Diameter
- D 功能代号 Holder type
- SBT30 锥柄形式 Taper size

BT

JIS MAS 403 / B6339

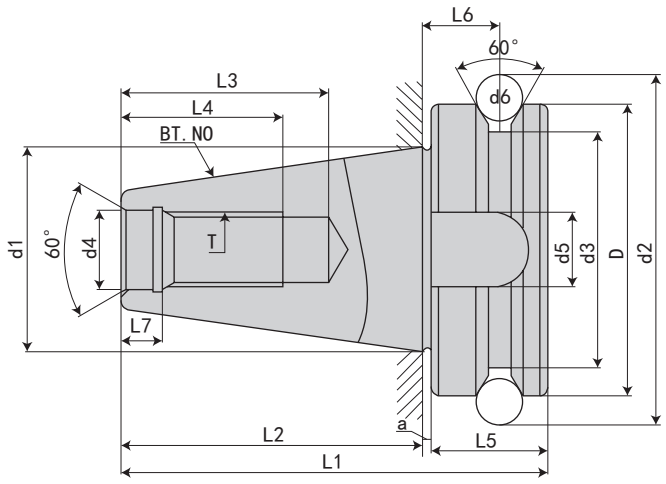
PRECISION TOOL HOLDERS SYSTEM



BT数控刀柄系列

CNC TOOL SYSTEMS

·参考资料 REFERENCE DETAILS



规格 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

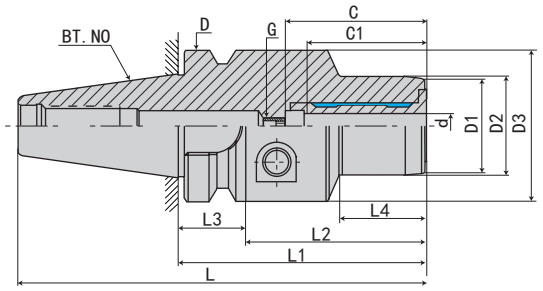
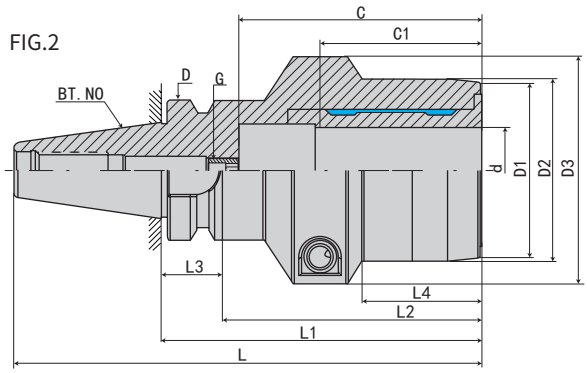




FIG.2



配 件 Accessories



» P.K19

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
-PHC3.175-60	108.4	60	38	22	28	46	20	23	45	3.175	*	18	*	1	0.75
-PHC04- 60	108.4	60	38	22	28	46	21	24	45	4	*	24	*	1	0.75
-PHC05- 60	108.4	60	38	22	28	46	22	25	45	5	*	26	*	1	0.75
-PHC06- 70	118.4	70	48	22	28	46	23	26	45	6	37	27	M5*0.8P	1	0.8
-PHC08- 70	118.4	70	48	22	28	46	25	28	45	8	37	27	M6*1.0P	1	0.85
-PHC10- 75	123.4	75	53	22	36	46	27	30	45	10	41	31	M8*1.0P	1	0.85
-PHC12- 75	123.4	75	53	22	36	46	29	32	45	12	46	36	M10*1.0P	1	0.85
-PHC14- 85	133.4	85	63	22	44	46	31	34	45	14	46	36	M10*1.0P	1	0.95
-PHC16- 90	138.4	90	68	22	48	46	35	38	45	16	52	39	M12*1.0P	1	1.05
-PHC18- 90	138.4	90	68	22	48	46	37	40	45	18	52	39	M12*1.0P	1	1.1
-PHC20- 90	138.4	90	68	22	48	46	39	42	45	20	52	41	M16*1.0P	1	1.15
-PHC25-105	153.4	105	83	22	44	46	52	55	63	25	80	47	M16*1.0P	2	1.65
-PHC32-105	153.4	105	83	22	39	46	57	60	68	32	80	51	M16*1.0P	2	1.8

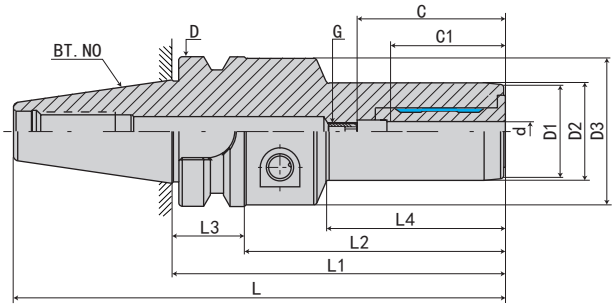
规格说明:

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





配 件 Accessories



» P.K19

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
-PHC06-101.6	150	101.6	79.6	22	54.5	46	22.2	26	45	6	37	27	M5*0.8P	2
-PHC08-101.6	150	101.6	79.6	22	54.5	46	22.2	26	45	8	37	27	M6*1.0P	2
-PHC10-101.6	150	101.6	79.6	22	55.7	46	26	30	45	10	41	31	M8*1.0P	2
-PHC12-101.6	150	101.6	79.6	22	56.2	46	26	32	45	12	46	36	M10*1.0P	2
-PHC14-101.6	150	101.6	79.6	22	57	46	30	36	45	14	46	36	M10*1.0P	2
-PHC16-101.6	150	101.6	79.6	22	57	46	32	38	45	16	49	39	M12*1.0P	2
-PHC18-101.6	150	101.6	79.6	22	58	46	34	40	45	18	49	39	M12*1.0P	2
-PHC20-101.6	150	101.6	79.6	22	59.5	46	36	42	45	20	51	41	M16*1.0P	2

规格说明:

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

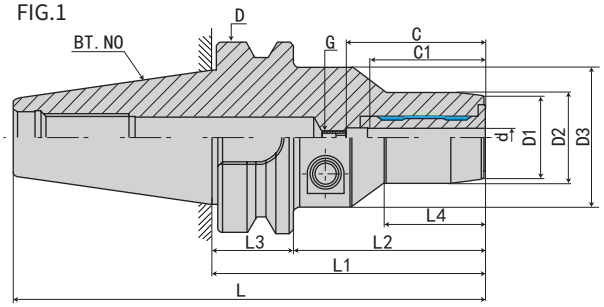
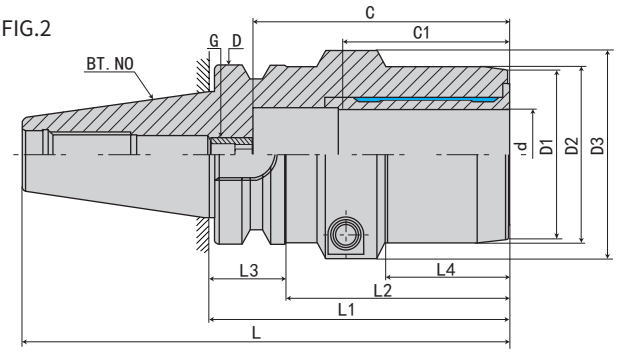




FIG.2



配 件 Accessories



» P.K19

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
-90	155.4	90	63	27	29	63	20	23	50	3	*	18	*	1	1.38
-PHC3.175-75	140.4	75	48	27	26	63	20	23	50	3.175	*	18	*	1	1.28
-90	155.4	90	63	27	29	63	20	23	50	3.175	*	18	*	1	1.38
-PHC04-75	140.4	75	48	27	26	63	21	24	50	4	*	24	*	1	1.28
-90	155.4	90	63	27	29	63	21	24	50	4	*	24	*	1	1.38
-PHC05-75	140.4	75	48	27	26	63	22	25	50	5	*	26	*	1	1.3
-90	155.4	90	63	27	29	63	22	25	50	5	*	26	*	1	1.4
-PHC06-75	140.4	75	48	27	26	63	23	26	50	6	37	27	M5*0.8P	1	1.32
-90	155.4	90	63	27	29	63	23	26	50	6	37	27	M5*0.8P	1	1.41
-PHC08-75	140.4	75	48	27	26	63	25	28	50	8	37	27	M6*1.0P	1	1.36
-90	155.4	90	63	27	30	63	25	28	50	8	37	27	M6*1.0P	1	1.46
-PHC10-75	140.4	75	48	27	26	63	27	30	50	10	41	31	M8*1.0P	1	1.43
-90	155.4	90	63	27	35	63	27	30	50	10	41	31	M8*1.0P	1	1.57
-PHC12-75	140.4	75	48	27	26	63	29	32	50	12	46	36	M10*1.0P	1	1.46
-90	155.4	90	63	27	40	63	29	32	50	12	46	36	M10*1.0P	1	1.62
-PHC14-75	140.4	75	48	27	26	63	31	34	50	14	46	36	M10*1.0P	1	1.48
-90	155.4	90	63	27	40	63	31	34	50	14	46	36	M10*1.0P	1	1.68
-PHC16-75	140.4	75	48	27	26	63	35	38	50	16	75	39	M12*1.0P	1	1.51
-90	155.4	90	63	27	45	63	35	38	50	16	75	39	M12*1.0P	1	1.7
-PHC18-75	140.4	75	48	27	26	63	37	40	50	18	75	39	M12*1.0P	1	1.51
-90	155.4	90	63	27	46	63	37	40	50	18	75	39	M12*1.0P	1	1.7
-PHC20-75	140.4	75	48	27	26	63	39	42	50	20	80	41	M16*1.0P	1	1.52
-90	155.4	90	63	27	47	63	39	42	50	20	80	41	M16*1.0P	1	1.75
-PHC25-105	170.4	105	78	27	50	63	52	55	63	25	80	47	M16*1.0P	1	2.05
-PHC32-105	170.4	105	78	27	48	63	60	63	73	32	90	51	M16*1.0P	2	2.34
-PHC40-120	185.4	120	93	27		63				40	90		M16*1.0P	2	3
-PHC42-120	185.4	120	93	27		63				42	90		M16*1.0P	2	3

规格说明:

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

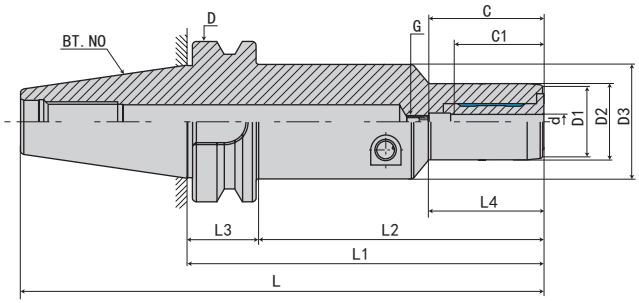
·BT40-PHC 液压刀柄 BT40-PHC HYDRAULIC TOOL HOLDER



配 件 Accessories



» P.K19



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
-PHC06-140	205.4	140	113	27	43	63	23	26	45	6	37	27	M5*0.8P	2.1
-PHC08-140	205.4	140	113	27	44	63	25	28	45	8	37	27	M6*1.0P	2.1
-PHC10-140	205.4	140	113	27	44	63	27	30	45	10	41	31	M8*1.0P	2.1
-PHC12-140	205.4	140	113	27	44	63	29	32	45	12	46	36	M10*1.0P	2.1
-PHC14-140	205.4	140	113	27	44	63	31	34	45	14	46	36	M10*1.0P	2.2
-PHC16-140	205.4	140	113	27	47	63	35	38	45	16	52	42	M12*1.0P	2.2
-PHC18-140	205.4	140	113	27	47	63	37	40	45	18	52	42	M12*1.0P	2.2
-PHC20-140	205.4	140	113	27	47	63	39	42	45	20	52	42	M16*1.0P	2.2
-PHC25-140	205.4	140	113	27	47	63	52	55	57	25	57	47	M16*1.0P	2.8
-PHC32-140	205.4	140	113	27	47	63	60	63	62	32	61	51	M16*1.0P	2.9

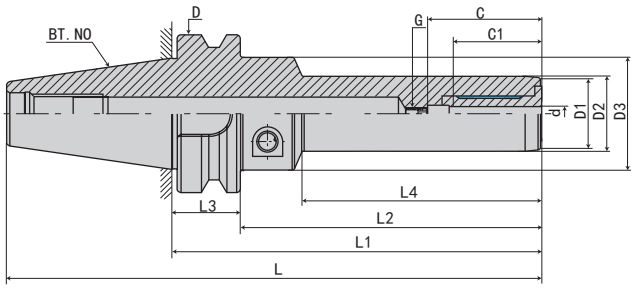
规格说明:

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

·BT40-JPHC 液压刀柄 BT40-JPHC HYDRAULIC TOOL HOLDER





配 件 Accessories



» P.K19

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
-200	265.4	200	173	27	153	63	21	25	50	5	*	26	*	2.2
-250	315.4	250	223	27	203	63	21	25	50	5	*	26	*	2.3
-JPHC06-150	215.4	150	123	27	103	63	22	26	50	6	37	27	M5*0.8P	2.1
-200	265.4	200	173	27	153	63	22	26	50	6	37	27	M5*0.8P	2.2
-250	315.4	250	223	27	203	63	22	26	50	6	37	27	M5*0.8P	2.3
-JPHC08-150	215.4	150	123	27	104	63	24	28	50	8	37	27	M6*1.0P	2.1
-200	265.4	200	173	27	154	63	24	28	50	8	37	27	M6*1.0P	2.2
-250	315.4	250	223	27	204	63	24	28	50	8	37	27	M6*1.0P	2.3
-JPHC10-150	215.4	150	123	27	104	63	26	30	50	10	41	31	M8*1.0P	2.1
-200	265.4	200	173	27	154	63	26	30	50	10	41	31	M8*1.0P	2.2
-250	315.4	250	223	27	204	63	26	30	50	10	41	31	M8*1.0P	2.3
-JPHC12-150	215.4	150	123	27	105	63	28	32	50	12	46	36	M10*1.0P	2.1
-200	265.4	200	173	27	155	63	28	32	50	12	46	36	M10*1.0P	2.2
-250	315.4	250	223	27	204	63	28	32	50	12	46	36	M10*1.0P	2.3
-JPHC14-150	215.4	150	123	27	105	63	30	34	50	14	46	36	M10*1.0P	2.1
-200	265.4	200	173	27	155	63	30	34	50	14	46	36	M10*1.0P	2.2
-250	315.4	250	223	27	204	63	30	34	50	14	46	36	M10*1.0P	2.3
-JPHC16-150	215.4	150	123	27	106	63	34	38	50	16	49	39	M12*1.0P	2.2
-200	265.4	200	173	27	156	63	34	38	50	16	49	39	M12*1.0P	2.3
-250	315.4	250	223	27	206	63	34	38	50	16	49	39	M12*1.0P	2.4
-JPHC18-150	215.4	150	123	27	107	63	36	40	50	18	49	39	M12*1.0P	2.2
-200	265.4	200	173	27	157	63	36	40	50	18	49	39	M12*1.0P	2.3
-250	315.4	250	223	27	207	63	36	40	50	18	49	39	M12*1.0P	2.4
-JPHC20-150	215.4	150	123	27	108	63	38	42	50	20	51	41	M16*1.0P	2.3
-200	265.4	200	173	27	158	63	38	42	50	20	51	41	M16*1.0P	2.4
-250	315.4	250	223	27	208	63	38	42	50	20	51	41	M16*1.0P	2.5

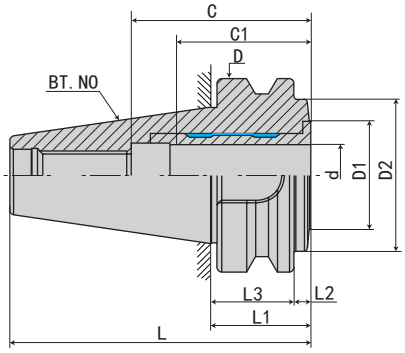
规格说明:

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





配 件 Accessories



» P.K19

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

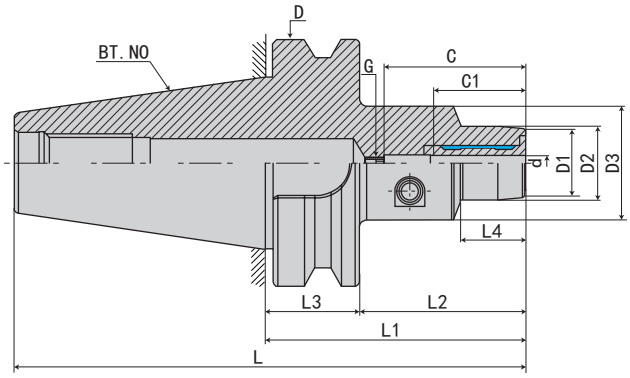
规格说明:

BT40 - PHC - 20 - 32.5

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

·BT50-PHC 液压刀柄 BT50-PHC HYDRAULIC TOOL HOLDER





配 件 Accessories



» P.K19

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
-120	221.8	120	82	38	44	100	22	25	49.5	5	*	26	*	4.5
-PHC06- 90	191.8	90	52	38	32	100	23	26	49.5	6	37	27	M5*0.8P	4.2
-120	221.8	120	82	38	44	100	23	26	49.5	6	37	27	M5*0.8P	4.5
-PHC08- 90	191.8	90	52	38	32	100	25	28	49.5	8	37	27	M6*1.0P	4.2
-120	221.8	120	82	38	44	100	25	28	49.5	8	37	27	M6*1.0P	4.5
-PHC10- 90	191.8	90	52	38	32	100	27	30	49.5	10	41	31	M8*1.0P	4.2
-120	221.8	120	82	38	44	100	27	30	49.5	10	41	31	M8*1.0P	4.5
-PHC12- 90	191.8	90	52	38	32	100	29	32	49.5	12	46	36	M10*1.0P	4.3
-120	221.8	120	82	38	44	100	29	32	49.5	12	46	36	M10*1.0P	4.5
-PHC14- 90	191.8	90	52	38	32	100	31	34	49.5	14	46	36	M10*1.0P	4.3
-120	221.8	120	82	38	44	100	31	34	49.5	14	46	36	M10*1.0P	4.6
-PHC16- 90	191.8	90	52	38	32	100	35	38	49.5	16	75	39	M12*1.0P	4.3
-120	221.8	120	82	38	48	100	35	38	49.5	16	75	39	M12*1.0P	4.6
-PHC18- 90	191.8	90	52	38	32	100	37	40	49.5	18	75	39	M12*1.0P	4.4
-120	221.8	120	82	38	48	100	37	40	49.5	18	75	39	M12*1.0P	4.6
-PHC20- 90	191.8	90	52	38	32	100	39	42	49.5	20	75	41	M16*1.0P	4.4
-120	221.8	120	82	38	48	100	39	42	49.5	20	75	41	M16*1.0P	4.7
-PHC25-120	221.8	120	82	38	48	100	53	57	63	25	80	47	M16*1.0P	4.9
-PHC32-120	221.8	120	82	38	48	100	58	62	70	32	90	51	M16*1.0P	5.2
-PHC40-120	221.8	120	82	38		100				40	90	61	M16*1.0P	6
-PHC42-120	221.8	120	82	38		100				42	90	61	M16*1.0P	6
-PHC50-120	221.8	120	82	38		100				50	90	61	M16*1.0P	7

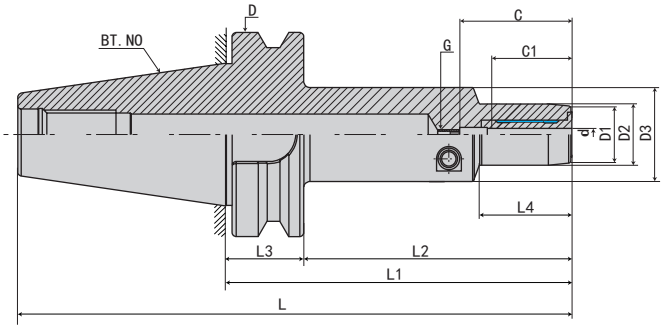
规格说明:

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





配 件 Accessories



» P.K19

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
-200	301.8	200	162	38	29	100	22	25	49.5	5	*	26	*	5.2
-PHC06-140	241.8	140	102	38	29	100	23	26	49.5	6	37	27	M5*0.8P	4.8
-200	301.8	200	162	38	29	100	23	26	49.5	6	37	27	M5*0.8P	5.2
PHC08-140	241.8	140	102	38	30	100	25	28	49.5	8	37	27	M6*1.0P	4.8
-200	301.8	200	162	38	30	100	25	28	49.5	8	37	27	M6*1.0P	5.2
-PHC10-140	241.8	140	102	38	35	100	27	30	49.5	10	41	31	M8*1.0P	4.8
-200	301.8	200	162	38	35	100	27	30	49.5	10	41	31	M8*1.0P	5.2
-PHC12-140	241.8	140	102	38	40	100	29	32	49.5	12	46	36	M10*1.0P	4.8
-200	301.8	200	162	38	40	100	29	32	49.5	12	46	36	M10*1.0P	5.2
-PHC14-140	241.8	140	102	38	40	100	31	34	49.5	14	46	36	M10*1.0P	4.8
-200	301.8	200	162	38	40	100	31	34	49.5	14	46	36	M10*1.0P	5.2
-PHC16-140	241.8	140	102	38	45	100	35	38	49.5	16	75	39	M12*1.0P	4.8
-200	301.8	200	162	38	45	100	35	38	49.5	16	75	39	M12*1.0P	5.2
-PHC18-140	241.8	140	102	38	46	100	37	40	49.5	18	75	39	M12*1.0P	4.9
-200	301.8	200	162	38	46	100	37	40	49.5	18	75	39	M12*1.0P	5.3
-PHC20-140	241.8	140	102	38	42	100	39	42	49.5	20	75	41	M16*1.0P	4.9
-200	301.8	200	162	38	42	100	39	42	49.5	20	75	41	M16*1.0P	5.3
-PHC25-140	241.8	140	102	38	48	100	53	57	63	25	80	47	M16*1.0P	5.6
-200	301.8	200	162	38	48	100	53	57	63	25	80	47	M16*1.0P	6
-PHC32-140	241.8	140	102	38	50	100	58	62	70	32	90	51	M16*1.0P	5.8
-200	301.8	200	162	38	50	100	58	62	70	32	90	51	M16*1.0P	6.2

规格说明:

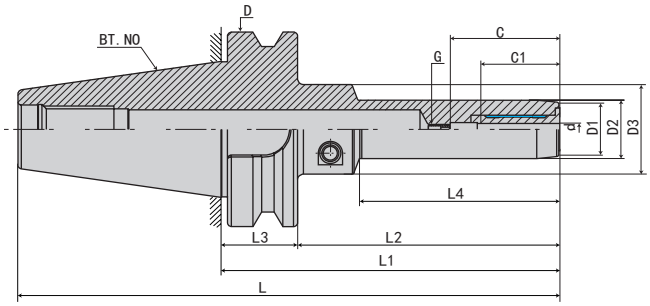
BT50 - PHC - 05 - 140

- 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





配 件 Accessories



» P.K19

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
-200	301.8	200	162	38	144	100	22	25	49.5	5	*	26	*	5.2
-250	351.8	250	212	38	194	100	22	25	49.5	5	*	26	*	5.6
-JPHC06-160	261.8	160	122	38	104	100	23	26	49.5	6	37	27	M5*0.8P	4.8
-200	301.8	200	162	38	144	100	23	26	49.5	6	37	27	M5*0.8P	5.2
-250	351.8	250	212	38	194	100	23	26	49.5	6	37	27	M5*0.8P	5.6
-JPHC08-160	261.8	160	122	38	104	100	25	28	49.5	8	37	27	M6*1.0P	4.8
-200	301.8	200	162	38	144	100	25	28	49.5	8	37	27	M6*1.0P	5.2
-250	351.8	250	212	38	194	100	25	28	49.5	8	37	27	M6*1.0P	5.6
-JPHC10-160	261.8	160	122	38	105	100	27	30	49.5	10	41	31	M8*1.0P	4.8
-200	301.8	200	162	38	145	100	27	30	49.5	10	41	31	M8*1.0P	5.2
-250	351.8	250	212	38	195	100	27	30	49.5	10	41	31	M8*1.0P	5.6
-JPHC12-160	261.8	160	122	38	105	100	29	32	49.5	12	46	36	M10*1.0P	4.8
-200	301.8	200	162	38	145	100	29	32	49.5	12	46	36	M10*1.0P	5.2
-250	351.8	250	212	38	195	100	29	32	49.5	12	46	36	M10*1.0P	5.6
-JPHC14-160	261.8	160	122	38	107	100	31	34	49.5	14	46	36	M10*1.0P	4.8
-200	301.8	200	162	38	147	100	31	34	49.5	14	46	36	M10*1.0P	5.2
-250	351.8	250	212	38	197	100	31	34	49.5	14	46	36	M10*1.0P	5.6
-JPHC16-160	261.8	160	122	38	107	100	35	38	49.5	16	75	39	M12*1.0P	5
-200	301.8	200	162	38	147	100	35	38	49.5	16	75	39	M12*1.0P	5.4
-250	351.8	250	212	38	197	100	35	38	49.5	16	75	39	M12*1.0P	5.8
-JPHC18-160	261.8	160	122	38	108	100	37	40	49.5	18	75	39	M12*1.0P	5
-200	301.8	200	162	38	148	100	37	40	49.5	18	75	39	M12*1.0P	5.4
-250	351.8	250	212	38	198	100	37	40	49.5	18	75	39	M12*1.0P	5.8
-JPHC20-160	261.8	160	122	38	108	100	39	42	49.5	20	75	41	M16*1.0P	5
-200	301.8	200	162	38	148	100	39	42	49.5	20	75	41	M16*1.0P	5.4
-250	351.8	250	212	38	198	100	39	42	49.5	20	75	41	M16*1.0P	5.8
-JPHC25-160	261.8	160	122	38	110	100	53	57	63	25	80	47	M16*1.0P	5.2
-200	301.8	200	162	38	150	100	53	57	63	25	80	47	M16*1.0P	5.6
-250	351.8	250	212	38	200	100	53	57	63	25	80	47	M16*1.0P	6
-JPHC32-160	261.8	160	122	38	110	100	58	63	70	32	90	51	M16*1.0P	6
-200	301.8	200	162	38	150	100	58	63	70	32	90	51	M16*1.0P	6.2
-250	351.8	250	212	38	200	100	58	63	70	32	90	51	M16*1.0P	6.4

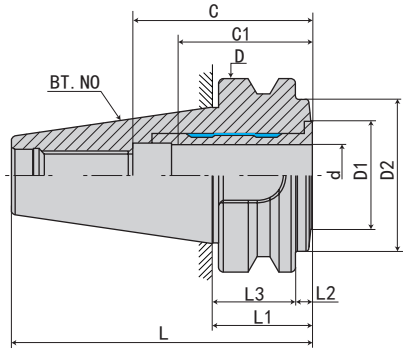
规格说明:

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





配 件 Accessories



» P.K19

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

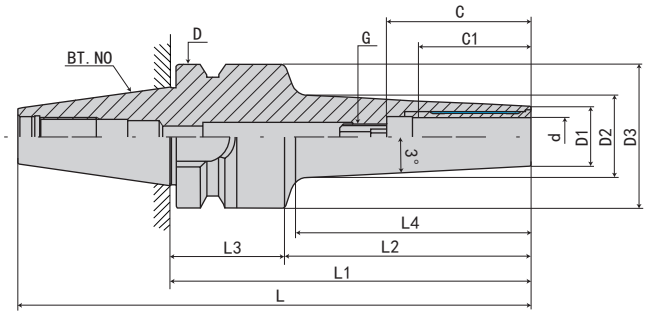
规格说明:

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





配 件 Accessories



» P.K19

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
-SPHC04- 85	133.4	85	63	22	42	46	11		45	4	*	24	*	1.1
-SPHC05- 85	133.4	85	63	22	42	46	12		45	5	*	26	*	1.4
-SPHC06-115	163.4	115	93	22	74	46	13		45	6	37	27	M5*0.8P	1.4
-SPHC08-115	163.4	115	93	22	74	46	15		45	8	37	27	M6*1.0P	1.4
-SPHC10-115	163.4	115	93	22	74	46	17		45	10	41	31	M8*1.0P	1.4
-SPHC12-115	163.4	115	93	22	75	46	19		45	12	46	36	M10*1.0P	1.4

规格说明:

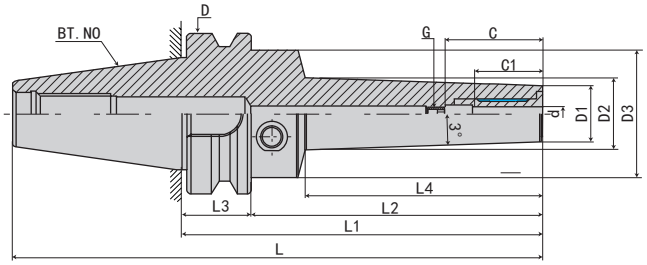
BT30 - SPHC - 03 - 85

- 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





配 件 Accessories



» P.K19

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
-120	185.4	120	93	27	72	63	11		46	3	*	18	*	1.3
-SPHC04- 90	155.4	90	63	27	42	63	11		46	4	*	24	*	1.1
-120	185.4	120	93	27	72	63	11		46	4	*	24	*	1.3
-SPHC05- 90	155.4	90	63	27	42	63	12		46	5	*	26	*	1.4
-120	185.4	120	93	27	72	63	12		46	5	*	26	*	1.3
-SPHC06-120	185.4	120	93	27	74	63	13		46	6	37	27	M5*0.8P	1.4
-150	215.4	150	123	27	104	63	13		46	6	37	27	M5*0.8P	1.5
-200	265.4	200	173	27	154	63	13		46	6	37	27	M5*0.8P	1.7
-SPHC08-120	185.4	120	93	27	74	63	15		46	8	37	27	M6*1.0P	1.4
-150	215.4	150	123	27	104	63	15		46	8	37	27	M6*1.0P	1.5
-200	265.4	200	173	27	154	63	15		46	8	37	27	M6*1.0P	1.7
-SPHC10-120	185.4	120	93	27	74	63	17		46	10	41	31	M8*1.0P	1.4
-150	215.4	150	123	27	104	63	17		46	10	41	31	M8*1.0P	1.5
-200	265.4	200	173	27	154	63	17		46	10	41	31	M8*1.0P	1.7
-SPHC12-120	185.4	120	93	27	75	63	19		46	12	46	36	M10*1.0P	1.4
-150	215.4	150	123	27	105	63	19		46	12	46	36	M10*1.0P	1.5
-200	265.4	200	173	27	154	63	19		46	12	46	36	M10*1.0P	1.7
-SPHC14-120	185.4	120	93	27	75	63	21		46	14	46	36	M10*1.0P	1.4
-150	215.4	150	123	27	105	63	21		46	14	46	36	M10*1.0P	1.5
-200	265.4	200	173	27	154	63	21		46	14	46	36	M10*1.0P	1.7
-SPHC16-120	185.4	120	93	27	75	63	23		50	16	49	39	M12*1.0P	1.5
-150	215.4	150	123	27	105	63	23		50	16	49	39	M12*1.0P	1.6
-SPHC16-200	265.4	200	173	27	154	63	23		50	16	49	39	M12*1.0P	1.8
-SPHC18-120	185.4	120	93	27	75	63	25		50	18	49	39	M12*1.0P	1.5
-150	215.4	150	123	27	105	63	25		50	18	49	39	M12*1.0P	1.6
-200	265.4	200	173	27	154	63	25		50	18	49	39	M12*1.0P	1.8
-SPHC20-120	185.4	120	93	27	75	63	27		50	20	51	41	M16*1.0P	1.6
-150	215.4	150	123	27	105	63	27		50	20	51	41	M16*1.0P	1.7
-200	265.4	200	173	27	154	63	27		50	20	51	41	M16*1.0P	1.9

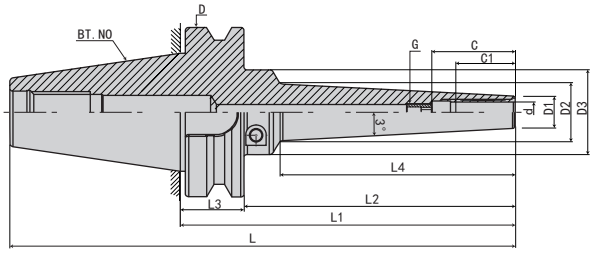
规格说明:

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
-200	301.8	200	162	38	130	100	12		50	5	*	26	*	4.4
-250	351.8	250	212	38	180	100	12		50	5	*	26	*	4.6
-300	401.8	300	262	38	230	100	12		50	5	*	26	*	4.8
-SPHC06-150	251.8	150	112	38	80	100	13		50	6	37	27	M5*0.8P	4.2
-200	301.8	200	162	38	130	100	13		50	6	37	27	M5*0.8P	4.4
-250	351.8	250	212	38	180	100	13		50	6	37	27	M5*0.8P	4.6
-300	401.8	300	262	38	230	100	13		50	6	37	27	M5*0.8P	4.8
-SPHC08-150	251.8	150	112	38	80	100	15		50	8	37	27	M6*1.0P	4.2
-200	301.8	200	162	38	130	100	15		50	8	37	27	M6*1.0P	4.4
-250	351.8	250	212	38	180	100	15		50	8	37	27	M6*1.0P	4.6
-300	401.8	300	262	38	230	100	15		50	8	37	27	M6*1.0P	4.8
-SPHC10-150	251.8	150	112	38	80	100	17		50	10	41	31	M8*1.0P	4.3
-200	301.8	200	162	38	130	100	17		50	10	41	31	M8*1.0P	4.5
-250	351.8	250	212	38	180	100	17		50	10	41	31	M8*1.0P	4.7
-300	401.8	300	262	38	230	100	17		50	10	41	31	M8*1.0P	4.9
-SPHC12-150	251.8	150	112	38	80	100	19		50	12	46	36	M10*1.0P	4.3
-200	301.8	200	162	38	130	100	19		50	12	46	36	M10*1.0P	4.5
-250	351.8	250	212	38	180	100	19		50	12	46	36	M10*1.0P	4.7
-300	401.8	300	262	38	230	100	19		50	12	46	36	M10*1.0P	4.9
-SPHC14-150	251.8	150	112	38	80	100	21		50	14	46	36	M10*1.0P	4.4
-200	301.8	200	162	38	130	100	21		50	14	46	36	M10*1.0P	4.6
-250	351.8	250	212	38	180	100	21		50	14	46	36	M10*1.0P	4.8
-300	401.8	300	262	38	230	100	21		50	14	46	36	M10*1.0P	5
-SPHC16-150	251.8	150	112	38	80	100	23		50	16	75	39	M12*1.0P	4.4
-200	301.8	200	162	38	130	100	23		50	16	75	39	M12*1.0P	4.6
-250	351.8	250	212	38	180	100	23		50	16	75	39	M12*1.0P	4.8
-300	401.8	300	262	38	230	100	23		50	16	75	39	M12*1.0P	5
-SPHC18-150	251.8	150	112	38	80	100	25		50	18	75	39	M12*1.0P	4.5
-200	301.8	200	162	38	130	100	25		50	18	75	39	M12*1.0P	4.7
-250	351.8	250	212	38	180	100	25		50	18	75	39	M12*1.0P	4.9
-300	401.8	300	262	38	230	100	25		50	18	75	39	M12*1.0P	5.1
-SPHC20-150	251.8	150	112	38	80	100	27		50	20	75	41	M16*1.0P	4.6
-200	301.8	200	162	38	130	100	27		50	20	75	41	M16*1.0P	4.8
-250	351.8	250	212	38	180	100	27		50	20	75	41	M16*1.0P	5
-300	401.8	300	262	38	230	100	27		50	20	75	41	M16*1.0P	5.2

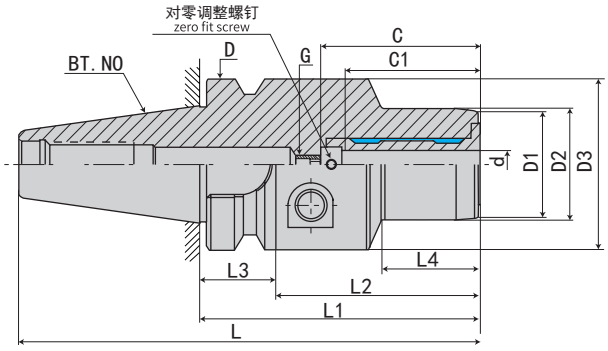
规格说明:

BT50 - SPHC - 05 - 150

- 150 — L1 长度 Length（L1）
- 05 — 刀杆直径 Diameter
- SPHC — 功能代号 Holder type
- BT50 — 锥柄形式 Taper size

·BT30-ZPHC 调零液压刀柄 BT30-ZPHC ZERO FIT HYDRAULIC TOOL HOLDER





配 件 Accessories



» P.K19

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
-ZPHC08- 90	138.4	90	68	22	48	46	25	28	45	8	41	31	M6*1.0P	0.8
-ZPHC10- 90	138.4	90	68	22	51	46	27	30	45	10	48	38	M8*1.0P	0.8
-ZPHC12- 95	143.4	95	73	22	56	46	29	32	45	12	53	43	M10*1.0P	0.9
-ZPHC16-100	148.4	100	78	22	58	46	35	38	45	16	58	48	M12*1.0P	1.1
-ZPHC20-105	153.4	105	83	22	63	46	39	42	45	20	58	48	M16*1.0P	1.2

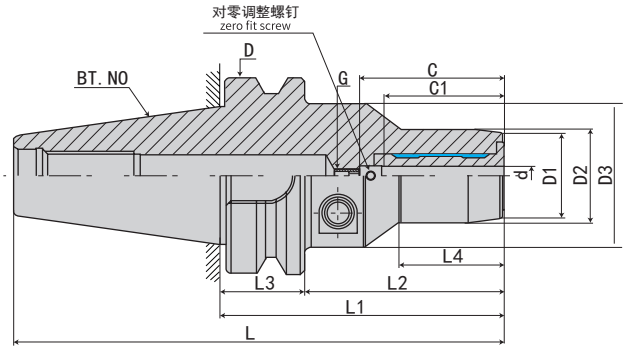
规格说明:

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





配 件 Accessories



» P.K19

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
-ZPHC06- 90	155.4	90	63	27	44	63	23	26	50	6	41	31	M5*0.8P	1.4
-ZPHC08- 90	155.4	90	63	27	44	63	25	28	50	8	41	31	M6*1.0P	1.4
-ZPHC10- 95	160.4	95	68	27	49	63	27	30	50	10	48	38	M8*1.0P	1.5
-ZPHC12-100	165.4	100	73	27	54	63	29	32	50	12	53	43	M10*1.0P	1.6
-ZPHC16-105	170.4	105	78	27	63	63	35	38	50	16	58	48	M12*1.0P	1.7
-ZPHC20-105	170.4	105	78	27	63	63	39	42	50	20	58	48	M16*1.0P	1.8
-ZPHC25-110	175.4	110	83	27	*	63	53	57	57	25	67	57	M16*1.0P	2.3
-ZPHC32-115	180.4	115	88	27	*	63	58	62	62	32	71	61	M16*1.0P	2.6

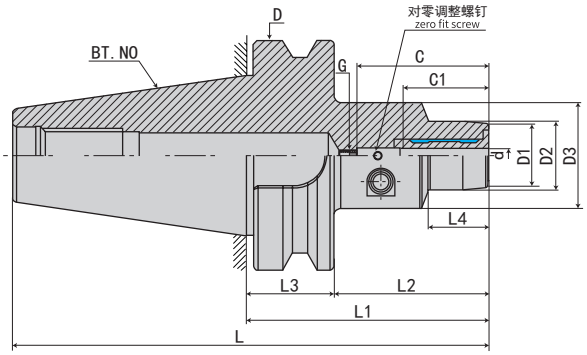
规格说明:

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





配 件 Accessories



» P.K19

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
-ZPHC06-105	206.8	105	67	38	47	100	23	26	50	6	41	31	M5*0.8P	4.2
-ZPHC08-105	206.8	105	67	38	47	100	25	28	50	8	41	31	M6*1.0P	4.2
-ZPHC10-110	211.8	110	72	38	52	100	27	30	50	10	48	38	M8*1.0P	4.3
-ZPHC12-115	216.8	115	77	38	57	100	29	32	50	12	53	43	M10*1.0P	4.3
-ZPHC16-120	221.8	120	82	38	62	100	35	38	50	16	58	48	M12*1.0P	4.5
-ZPHC20-120	221.8	120	82	38	62	100	39	42	50	20	58	48	M16*1.0P	4.6
-ZPHC25-125	226.8	125	87	38	*	100	53	57	57	25	67	57	M16*1.0P	5.2
-ZPHC32-125	226.8	125	87	38	*	100	58	62	62	32	71	61	M16*1.0P	5.4

规格说明:

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

·BT-SLK 热缩基础柄

BT-SLK SEMI-FINISHED SHRINK FIT CHUCK







FIG. 1

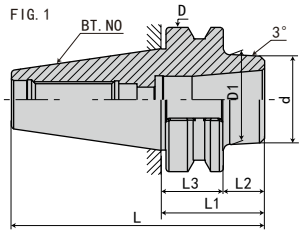


FIG. 2

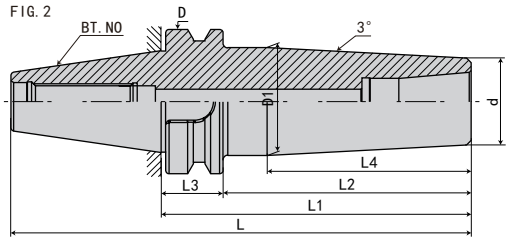
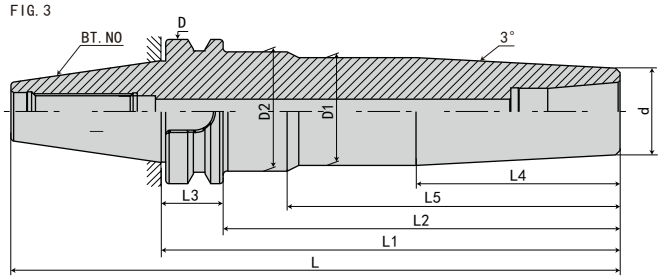


FIG. 3



配 件 Accessories



» P.K19

规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	FIG	重量 KGS
BT30-SLK12- 45	93.4	45	23	22	-	-	46	40	-	38	1	
BT40-SLK12- 45	110.4	45	18	27	-	-	63	40	-	38	1	1.15
- 75	140.4	75	48	27	-	-	63	42.4	-	38	1	1.45
-135	200.4	135	108	27	89	-	63	47	-	38	2	2.2
-165	230.4	165	138	27	89	-	63	47	-	38	2	2.65
-200	265.4	200	173	27	89	145	63	47	52	38	3	3.25
-225	290.4	225	198	27	89	145	63	47	52	38	3	3.7

规格说明:

BT30 - SLK - 12 - 45

- 45 L1 长度 Length（L1）
- 12 刀杆直径 Diameter
- SLK 功能代号 Holder type
- BT30 锥柄形式 Taper size

·BT50-SLK 热缩基础柄

BT50-SLK SEMI-FINISHED SHRINK FIT CHUCK







FIG. 1

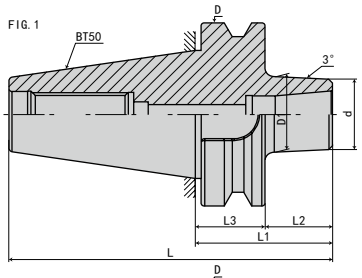


FIG. 2

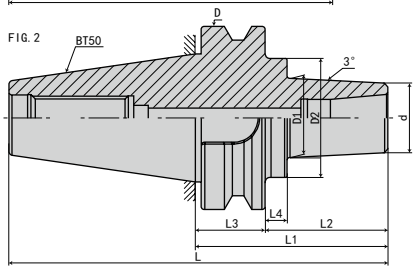
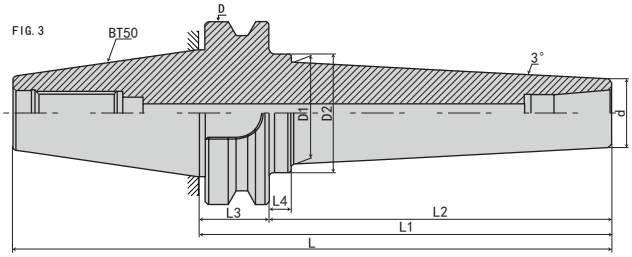


FIG. 3



配 件 Accessories



» P.K19

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	
-105	206.8	105	67	38	12	100	43	65	38	2	
-135	236.8	135	97	38	12	100	46.5	65	38	2	
-165	266.8	165	127	38	12	100	50	65	38	2	
-200	301.8	200	162	38	12	100	53.5	65	38	2	
-225	326.8	225	187	38	12	100	56	65	38	2	
-265	366.8	265	227	38	12	100	60	65	38	2	
-315	416.8	315	277	38	12	100	65.5	65.5	38	2	

规格说明:

BT50 - SLK - 12 - 75

- 75 — L1 长度 Length (L1)
- 12 — 接口大小 Connection size
- SLK — 功能代号 Holder type
- BT50 — 锥柄形式 Taper size

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





FIG. 1

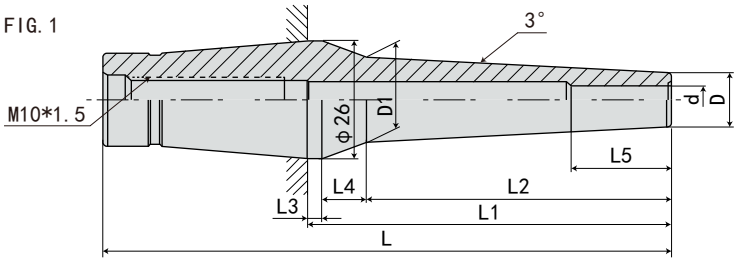
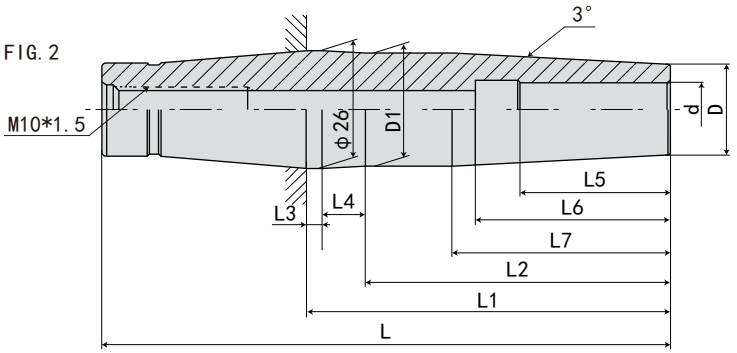
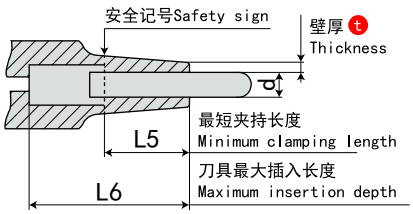


FIG. 2





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
- 55	100	55	42	3.5	9.5	12	-	-	7.5	12	3	2.25	1	0.2
- 80	125	80	67	3.5	9.5	12	-	-	7.5	14.6	3	2.25	1	0.2
- 4- 35	80	35	22	3.5	9.5	16	-	-	10	12.4	4	3	1	0.2
- 55	100	55	42	3.5	9.5	16	-	-	10	14.5	4	3	1	0.2
- 80	125	80	67	3.5	9.5	16	-	-	10	17.1	4	3	1	0.2
-110	155	110	97	3.5	9.5	16	-	-	10	20.2	4	3	1	0.25
- 5- 35	80	35	22	3.5	9.5	18	-	-	11	13.3	5	3	1	0.2
- 55	100	55	42	3.5	9.5	18	-	-	11	15.4	5	3	1	0.2
- 80	125	80	67	3.5	9.5	18	-	-	11	18.1	5	3	1	0.2
-110	155	110	97	3.5	9.5	18	-	-	11	21.2	5	3	1	0.25
- 6- 35	80	35	22	3.5	9.5	23	-	-	12	14.4	6	3	1	0.2
- 55	100	55	42	3.5	9.5	23	-	-	12	16.5	6	3	1	0.2
- 80	125	80	67	3.5	9.5	23	-	-	12	19.1	6	3	1	0.2
-110	155	110	97	3.5	9.5	23	-	-	12	22.2	6	3	1	0.25
- 8- 35	80	35	22	3.5	9.5	27	-	-	14	16.4	8	3	1	0.2
- 55	100	55	42	3.5	9.5	27	-	-	14	18.5	8	3	1	0.2
- 80	125	80	67	3.5	9.5	27	-	-	14	21.1	8	3	1	0.3
-110	155	110	97	3.5	9.5	27	-	-	14	24.2	8	3	1	0.35
-10- 35	80	35	22	3.5	9.5	32	42	-	16	18.4	10	3	1	0.2
- 55	100	55	42	3.5	9.5	32	42	-	16	20.5	10	3	1	0.2
- 80	125	80	67	3.5	9.5	32	42	-	16	23.1	10	3	1	0.3
-110	155	110	97	3.5	9.5	32	42	86	16	25.1	10	3	2	0.35
-12- 35	80	35	22	3.5	9.5	37	48	-	20	22.4	12	4	1	0.2
- 55	100	55	42	3.5	9.5	37	48	-	20	24.5	12	4	1	0.2
- 80	125	80	67	3.5	9.5	37	48	48	20	25.5	12	4	2	0.3
-110	155	110	97	3.5	9.5	37	48	48	20	25.1	12	4	2	0.35

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





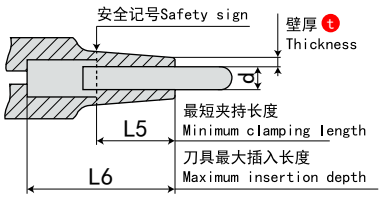


FIG. 1

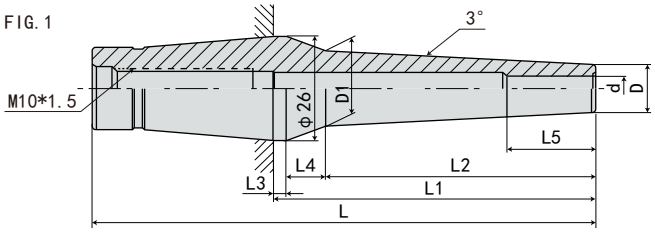
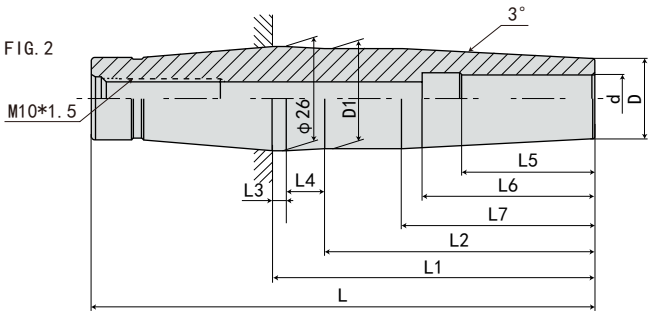


FIG. 2



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
- 55	100	55	42	3.5	9.5	12	-	-	6	10.5	3	1.5	1	0.2
- 80	125	80	67	3.5	9.5	12	-	-	6	13.1	3	1.5	1	0.2
-110	155	110	97	3.5	9.5	12	-	-	6	16.2	3	1.5	1	0.25
- 4- 35	80	35	22	3.5	9.5	16	-	-	7	9.4	4	1.5	1	0.2
- 55	100	55	42	3.5	9.5	16	-	-	7	11.5	4	1.5	1	0.2
- 80	125	80	67	3.5	9.5	16	-	-	7	14.1	4	1.5	1	0.2
-110	155	110	97	3.5	9.5	16	-	-	7	17.2	4	1.5	1	0.25
- 5- 35	80	35	22	3.5	9.5	18	-	-	8	10.4	5	1.5	1	0.2
- 55	100	55	42	3.5	9.5	18	-	-	8	12.5	5	1.5	1	0.2
- 80	125	80	67	3.5	9.5	18	-	-	8	15.1	5	1.5	1	0.2
-110	155	110	97	3.5	9.5	18	-	-	8	18.2	5	1.5	1	0.25
- 6- 35	80	35	22	3.5	9.5	23	-	-	9	11.4	6	1.5	1	0.2
- 55	100	55	42	3.5	9.5	23	-	-	9	13.5	6	1.5	1	0.2
- 80	125	80	67	3.5	9.5	23	-	-	9	16.1	6	1.5	1	0.2
-110	155	110	97	3.5	9.5	23	-	-	9	19.2	6	1.5	1	0.25
- 7- 35	80	35	22	3.5	9.5	25	-	-	10	12.4	7	1.5	1	0.2
- 55	100	55	42	3.5	9.5	25	-	-	10	14.5	7	1.5	1	0.2
- 80	125	80	67	3.5	9.5	25	-	-	10	17.1	7	1.5	1	0.2
-110	155	110	97	3.5	9.5	25	-	-	10	20.2	7	1.5	1	0.25
- 8- 35	80	35	22	3.5	9.5	27	-	-	11	13.4	8	1.5	1	0.2
- 55	100	55	42	3.5	9.5	27	-	-	11	15.5	8	1.5	1	0.2
- 80	125	80	67	3.5	9.5	27	-	-	11	18.1	8	1.5	1	0.2
-110	155	110	97	3.5	9.5	27	-	-	11	21.2	8	1.5	1	0.25
- 9- 35	80	35	22	3.5	9.5	29	42	-	12	14.4	9	1.5	1	0.2
- 55	100	55	42	3.5	9.5	29	42	-	12	16.5	9	1.5	1	0.2
- 80	125	80	67	3.5	9.5	29	42	-	12	19.1	9	1.5	1	0.2
-110	155	110	97	3.5	9.5	29	42	-	12	22.2	9	1.5	1	0.25
-10- 35	80	35	22	3.5	9.5	32	42	-	13	15.4	10	1.5	1	0.2
- 55	100	55	42	3.5	9.5	32	42	-	13	17.5	10	1.5	1	0.2
- 80	125	80	67	3.5	9.5	32	42	-	13	20.1	10	1.5	1	0.2
-110	155	110	97	3.5	9.5	32	42	-	13	23.2	10	1.5	1	0.25
-11- 35	80	35	22	3.5	9.5	34	44	-	14	16.4	11	1.5	1	0.2
- 55	100	55	42	3.5	9.5	34	44	-	14	18.5	11	1.5	1	0.2
- 80	125	80	67	3.5	9.5	34	44	-	14	21.1	11	1.5	1	0.2
-110	155	110	97	3.5	9.5	34	44	-	14	24.2	11	1.5	1	0.25
-12- 35	80	35	22	3.5	9.5	37	48	-	15	17.4	12	1.5	1	0.2
- 55	100	55	42	3.5	9.5	37	48	-	15	19.5	12	1.5	1	0.2
- 80	125	80	67	3.5	9.5	37	48	-	15	22.1	12	1.5	1	0.2
-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)





FIG. 1

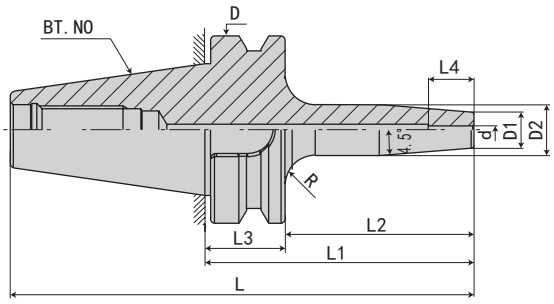
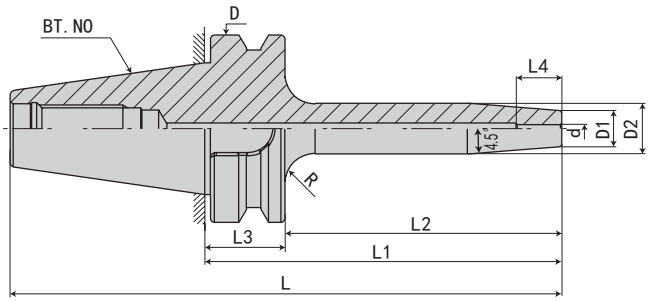


FIG. 2



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
-SF04- 80	128.4	80	58	22	16	46	15	20	4	5	1	0.6
-120	168.4	120	98	22	16	46	15	20	4	5	2	0.7
-SF05- 80	128.4	80	58	22	18	46	15	20	5	5	1	0.6
-120	168.4	120	98	22	18	46	15	20	5	5	2	0.7

规格说明:

BT30 - SF - 03 - 80

- 80 — L1 长度 Length (L1)
- 03 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- BT30 — 锥柄形式 Taper size

·BT30-SF 热缩刀柄（4.5 度标准型）

BT30-SF SHRINK FIT TOOL HOLDER (4.5° STANDARD VERSION)



FIG. 1

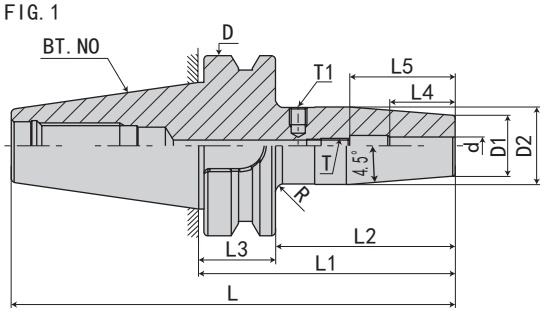
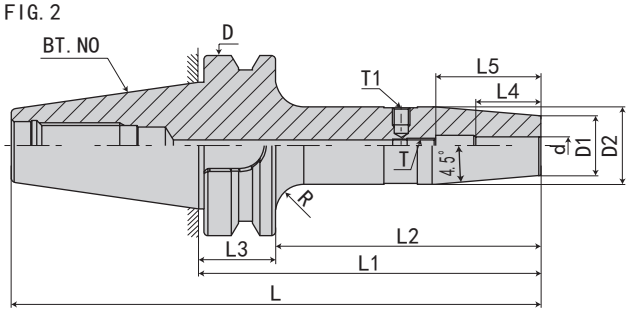




FIG. 2



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
-120	168.4	120	98	22	26	36	46	21	27	6	M5*0.8P	M6*1.0P	5	2	0.9
-SF08- 80	128.4	80	58	22	26	36	46	21	27	8	M6*1.0P	M6*1.0P	1	1	0.7
-120	168.4	120	98	22	26	36	46	21	27	8	M6*1.0P	M6*1.0P	5	2	0.9
-SF10- 80	128.4	80	58	22	32	42	46	24	32	10	M8*1.0P	M6*1.0P	1	1	0.8
-120	168.4	120	98	22	32	42	46	24	32	10	M8*1.0P	M6*1.0P	5	2	1.1
-SF12- 80	128.4	80	58	22	37	47	46	24	32	12	M10*1.0P	M6*1.0P	1	1	0.8
-120	168.4	120	98	22	37	47	46	24	32	12	M10*1.0P	M6*1.0P	5	2	1.1
-SF14- 80	128.4	80	58	22	37	47	46	27	34	14	M10*1.0P	M6*1.0P	1	1	0.8
-120	168.4	120	98	22	37	47	46	27	34	14	M10*1.0P	M6*1.0P	3	2	1.1
-SF16- 90	138.4	90	68	22	40	50	46	27	34	16	M12*1.0P	M6*1.0P	1	1	0.8
-120	168.4	120	98	22	40	50	46	27	34	16	M12*1.0P	M6*1.0P	3	2	1.1
-SF18- 90	138.4	90	68	22	40	50	46	33	42	18	M12*1.0P	M6*1.0P	1	1	1
-120	168.4	120	98	22	40	50	46	33	42	18	M12*1.0P	M6*1.0P	1	2	1.5
-SF20- 90	138.4	90	68	22	42	52	46	33	42	20	M16*1.0P	M6*1.0P	1	1	1
-120	168.4	120	98	22	42	52	46	33	42	20	M16*1.0P	M6*1.0P	1	2	1.5

规格说明:

BT30 - SF - 06 - 80

- 80 — L1 长度 Length (L1)
- 06 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- BT30 — 锥柄形式 Taper size

·BT40-SF 热缩刀柄（4.5 度标准型）

BT40-SF SHRINK FIT TOOL HOLDER (4.5° STANDARD VERSION)



FIG. 1

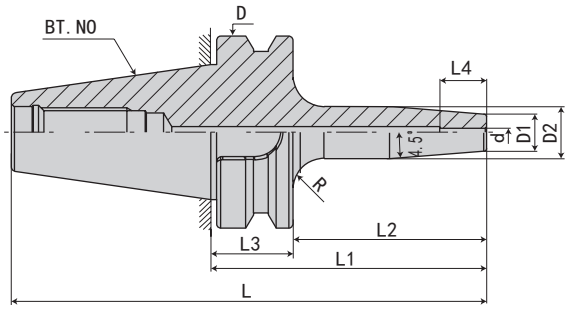
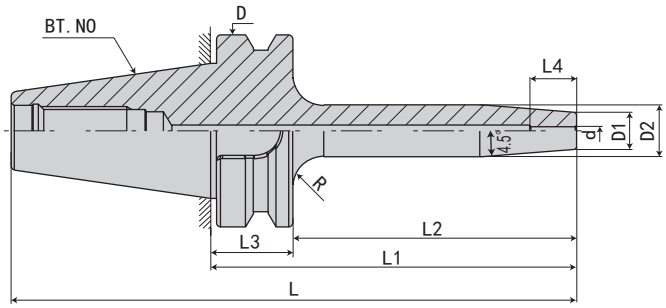




FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
BT40-SF03- 90	155.4	90	63	27	12	63	15	20	3	5	1	1.1
-120	185.4	120	93	27	12	63	15	20	3	5	2	1.2
-160	225.4	160	133	27	12	63	15	25	3	5	2	1.3
-SF04- 90	155.4	90	63	27	16	63	15	20	4	5	1	1.1
-120	185.4	120	93	27	16	63	15	20	4	5	2	1.2
-160	225.4	160	133	27	16	63	15	25	4	5	2	1.3
-SF05- 90	155.4	90	63	27	18	63	15	20	5	5	1	1.1
-120	185.4	120	93	27	18	63	15	20	5	5	2	1.2
-160	225.4	160	133	27	18	63	15	25	5	5	2	1.3

规格说明:

BT40 - SF - 03 - 90

- 90 — L1 长度 Length (L1)
- 03 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- BT40 — 锥柄形式 Taper size

·BT40-SF 热缩刀柄（4.5 度标准型）

BT40-SF SHRINK FIT TOOL HOLDER (4.5 ° STANDARD VERSION)







FIG. 1

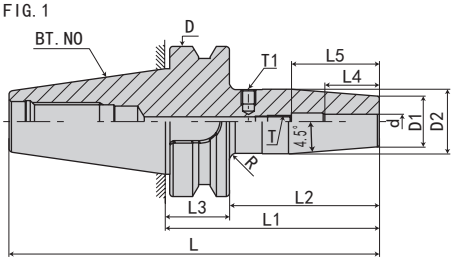


FIG. 2

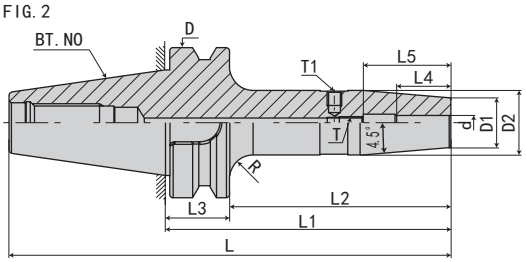
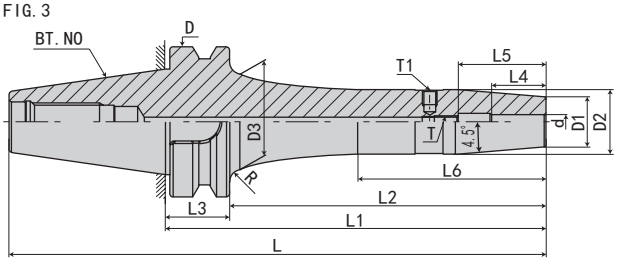


FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
BT40-SF06- 90	155.4	90	63	27	26	36	-	63	21	27	-	6	M5*0.8P	M6*1.0P	5	1	1.2
-120	185.4	120	93	27	26	36	-	63	21	27	-	6	M5*0.8P	M6*1.0P	5	2	1.5
-160	225.4	160	133	27	26	36	79	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	1.8
-200	265.4	200	173	27	26	36	119	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	2.2
-250	315.4	250	223	27	26	36	169	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	2.6
-300	365.4	300	273	27	26	36	219	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	3.1
-SF08- 90	155.4	90	63	27	26	36	-	63	21	27	-	8	M6*1.0P	M6*1.0P	5	1	1.2
-120	185.4	120	93	27	26	36	-	63	21	27	-	8	M6*1.0P	M6*1.0P	5	2	1.5
-160	225.4	160	133	27	26	36	79	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	1.8
-200	265.4	200	173	27	26	36	119	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	2.2
-250	315.4	250	223	27	26	36	169	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	2.6
-300	365.4	300	273	27	26	36	219	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	3.1
-SF10- 90	155.4	90	63	27	32	42	-	63	24	32	-	10	M8*1.0P	M6*1.0P	3	1	1.3
-120	185.4	120	93	27	32	42	-	63	24	32	-	10	M8*1.0P	M6*1.0P	10	2	1.6
-160	225.4	160	133	27	32	42	79	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	1.9
-200	265.4	200	173	27	32	42	119	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	2.3
-250	315.4	250	223	27	32	42	169	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	2.7
-300	365.4	300	273	27	32	42	219	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	3.2
-SF12- 90	155.4	90	63	27	37	47	-	63	24	32	-	12	M10*1.0P	M6*1.0P	3	1	1.3
-120	185.4	120	93	27	37	47	-	63	24	32	-	12	M10*1.0P	M6*1.0P	10	2	1.6
-160	225.4	160	133	27	37	47	79	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	1.9
-200	265.4	200	173	27	37	47	119	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	2.3
-250	315.4	250	223	27	37	47	169	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	2.7
-300	365.4	300	273	27	37	47	219	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	3.1
-SF14- 90	155.4	90	63	27	37	48	-	63	27	34	-	14	M10*1.0P	M6*1.0P	3	1	1.3
-120	185.4	120	93	27	37	47	-	63	27	34	-	14	M10*1.0P	M6*1.0P	10	2	1.6
-160	225.4	160	133	27	37	47	78	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	1.9
-200	265.4	200	173	27	37	47	118	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	2.3
-250	315.4	250	223	27	37	47	168	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	2.7
-300	365.4	300	273	27	37	47	218	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	3.1

规格说明:

BT40 - SF - 06 - 90

- 90 L1 长度 Length (L1)
- 06 刀杆直径 Diameter
- SF 功能代号 Holder type
- BT40 锥柄形式 Taper size

·BT40-SF 热缩刀柄（4.5 度标准型）

BT40-SF SHRINK FIT TOOL HOLDER (4.5 ° STANDARD VERSION)







FIG. 1

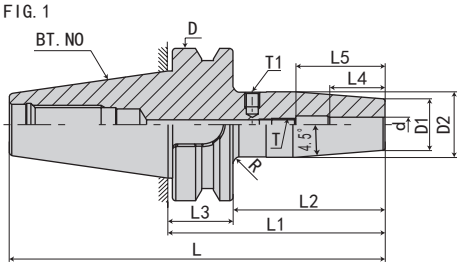


FIG. 2

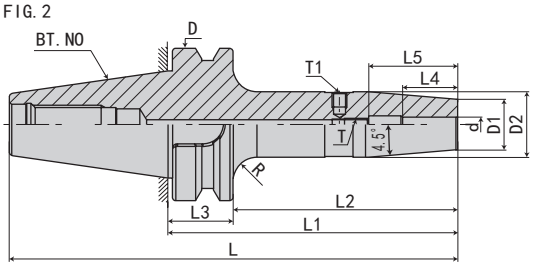
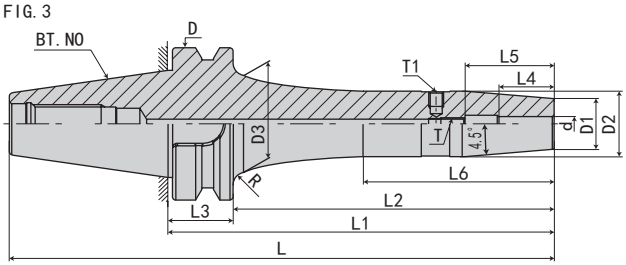


FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
BT40-SF16- 90	155.4	90	63	27	40	50	-	63	27	34	-	16	M12*1.0P	M6*1.0P	3	1	1.3
-120	185.4	120	93	27	40	50	-	63	27	34	-	16	M12*1.0P	M6*1.0P	10	2	1.6
-160	225.4	160	133	27	40	50	78	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	1.9
-200	265.4	200	173	27	40	50	118	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	2.3
-250	315.4	250	223	27	40	50	168	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	2.7
-300	365.4	300	273	27	40	50	218	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	3.1
-SF18- 90	155.4	90	63	27	40	50	-	63	33	41	-	18	M12*1.0P	M6*1.0P	2	1	1.4
-120	185.4	120	93	27	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	1.8
-160	225.4	160	133	27	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	2.1
-200	265.4	200	173	27	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	2.4
-250	315.4	250	223	27	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	2.8
-300	365.4	300	273	27	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	3.2
-SF20- 90	155.4	90	63	27	42	50	-	63	33	41	-	20	M16*1.0P	M6*1.0P	2	1	1.4
-120	185.4	120	93	27	42	50	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	1.8
-160	225.4	160	133	27	42	50	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	2.1
-200	265.4	200	173	27	42	50	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	2.4
-250	315.4	250	223	27	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	2.8
-300	365.4	300	273	27	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	3.2
-SF25-100	155.4	90	63	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	1	2.1
-120	185.4	120	93	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	2.3
-160	225.4	160	133	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	2.6
-200	265.4	200	173	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	3.1
-250	315.4	250	223	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	3.6
-300	365.4	300	273	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	4.1
-SF32-100	155.4	90	63	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	1	2.1
-120	185.4	120	93	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	2.3
-160	225.4	160	133	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	2.6
-200	265.4	200	173	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	3.1
-250	315.4	250	223	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	3.6
-300	365.4	300	273	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	4.1

规格说明:

BT40 - SF - 16 - 90

- 90 — L1 长度 Length (L1)
- 16 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- BT40 — 锥柄形式 Taper size

·BT50-SF 热缩刀柄（4.5 度标准型）

BT50-SF SHRINK FIT TOOL HOLDER (4.5 ° STANDARD VERSION)



FIG. 1

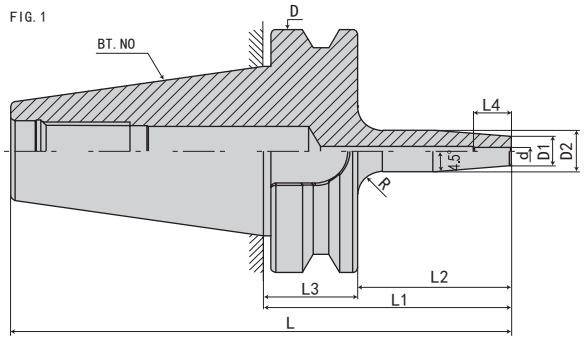
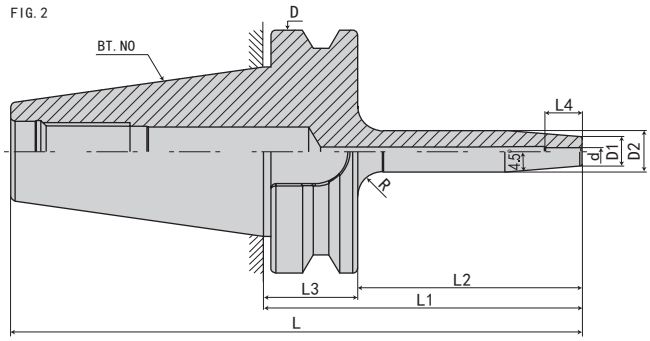




FIG. 2



规 格 Model	L	L1	L2	L3	L4	D	D1	D2	d	R	FIG	重量 KGS
BT50-SF03-100	201.8	100	62	38	12	100	15	20	3	10	1	3.7
-120	221.8	120	82	38	12	100	15	20	3	10	2	3.9
-160	261.8	160	122	38	12	100	15	25	3	10	2	4.2
-SF04-100	201.8	100	62	38	16	100	15	20	4	10	1	3.7
-120	221.8	120	82	38	16	100	15	20	4	10	2	3.9
-160	261.8	160	122	38	16	100	15	25	4	10	2	4.2
-SF05-100	201.8	100	62	38	18	100	15	20	5	10	1	3.7
-120	221.8	120	82	38	18	100	15	20	5	10	2	3.9
-160	261.8	160	122	38	18	100	15	25	5	10	2	4.2

规格说明:

BT50 - SF - 03 - 100

- 100 — L1 长度 Length (L1)
- 03 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- BT50 — 锥柄形式 Taper size

·BT50-SF 热缩刀柄（4.5 度标准型）

BT50-SF SHRINK FIT TOOL HOLDER (4.5 ° STANDARD VERSION)



FIG. 1

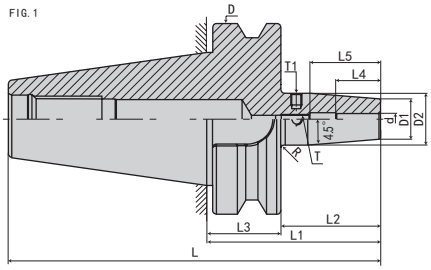


FIG. 2

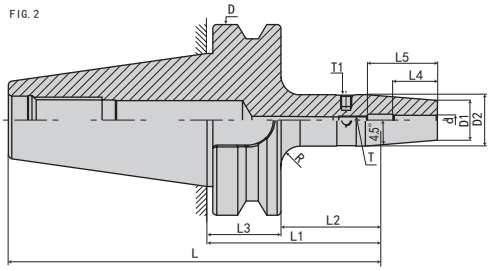
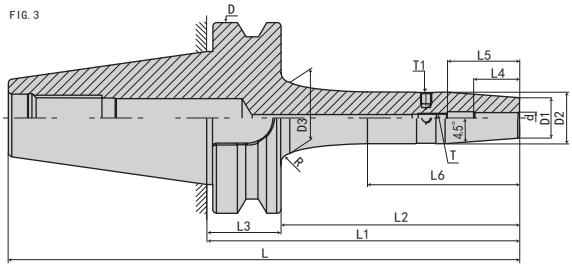


FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
BT50-SF06-100	201.8	100	62	38	26	36	-	100	21	27	-	6	M5*0.8P	M6*1.0P	2	1	3.7
-120	221.8	120	82	38	26	36	-	100	21	27	-	6	M5*0.8P	M6*1.0P	12	2	3.9
-160	2618	160	122	38	26	36	58	100	21	27	39	6	M5*0.8P	M6*1.0P	12	3	4.2
-200	301.8	200	162	38	26	36	92	100	21	27	42	6	M5*0.8P	M6*1.0P	12	3	5.8
-250	351.8	250	212	38	26	36	142	100	21	27	42	6	M5*0.8P	M6*1.0P	12	3	7.4
-300	401.8	300	262	38	26	36	192	100	21	27	42	6	M5*0.8P	M6*1.0P	12	3	8.9
-SF08-100	201.8	100	62	38	26	36	-	100	21	27	-	8	M6*1.0P	M6*1.0P	2	1	3.8
-120	221.8	120	82	38	26	36	-	100	21	27	-	8	M6*1.0P	M6*1.0P	12	2	3.9
-160	2618	160	122	38	26	36	58	100	21	27	39	8	M6*1.0P	M6*1.0P	12	3	4.2
-200	301.8	200	162	38	26	36	92	100	21	27	42	8	M6*1.0P	M6*1.0P	12	3	5.8
-250	351.8	250	212	38	26	36	142	100	21	27	42	8	M6*1.0P	M6*1.0P	12	3	7.4
-300	401.8	300	262	38	26	36	192	100	21	27	42	6	M5*0.8P	M6*1.0P	12	3	8.9
-SF10-100	201.8	100	62	38	32	42	-	100	24	32	-	10	M8*1.0P	M6*1.0P	2	1	3.9
-120	221.8	120	82	38	32	42	-	100	24	32	-	10	M8*1.0P	M6*1.0P	10	2	4.1
-160	2618	160	122	38	32	42	72	100	24	32	38	10	M8*1.0P	M6*1.0P	15	3	4.3
-200	301.8	200	162	38	32	42	107	100	24	32	39	10	M8*1.0P	M6*1.0P	15	3	5.9
-250	351.8	250	212	38	32	42	127	100	24	32	39	10	M8*1.0P	M6*1.0P	15	3	7.5
-300	401.8	300	262	38	32	42	207	100	21	27	39	10	M5*0.8P	M6*1.0P	15	3	8.9
-SF12-100	201.8	100	62	38	37	47	-	100	24	32	-	12	M10*1.0P	M6*1.0P	2	1	3.9
-120	221.8	120	82	38	37	47	-	100	24	32	-	12	M10*1.0P	M6*1.0P	10	2	4.1
-160	2618	160	122	38	37	47	72	100	24	32	38	12	M10*1.0P	M6*1.0P	15	3	4.3
-200	301.8	200	162	38	37	47	107	100	24	32	39	12	M10*1.0P	M6*1.0P	15	3	5.9
-250	351.8	250	212	38	37	47	157	100	24	32	39	12	M10*1.0P	M6*1.0P	15	3	7.5
-300	401.8	300	262	38	37	47	207	100	24	32	39	12	M10*1.0P	M6*1.0P	15	3	9.1
-SF14-100	201.8	100	62	38	37	47	-	100	27	34	-	14	M10*1.0P	M6*1.0P	4	1	3.9
-120	221.8	120	82	38	37	47	-	100	27	34	-	14	M10*1.0P	M6*1.0P	10	2	4.1
-160	2618	160	122	38	37	47	67	100	27	34	41	14	M10*1.0P	M6*1.0P	15	3	4.3
-200	301.8	200	162	38	37	47	107	100	27	34	41	14	M10*1.0P	M6*1.0P	15	3	5.9
-250	351.8	250	212	38	37	47	157	100	27	34	41	14	M10*1.0P	M6*1.0P	15	3	7.5
-300	401.8	300	262	38	26	36	207	100	27	34	41	14	M10*1.0P	M6*1.0P	15	3	9.1

规格说明:

BT50 - SF - 06 - 100

- 100 L1 长度 Length (L1)
- 06 刀杆直径 Diameter
- SF 功能代号 Holder type
- BT50 锥柄形式 Taper size

·BT50-SF 热缩刀柄（4.5 度标准型）

BT50-SF SHRINK FIT TOOL HOLDER (4.5 ° STANDARD VERSION)







FIG. 1

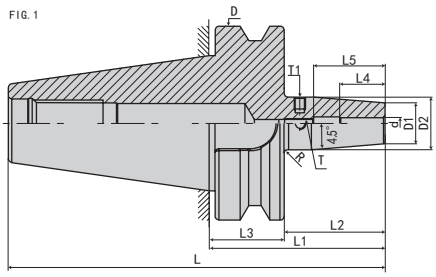


FIG. 2

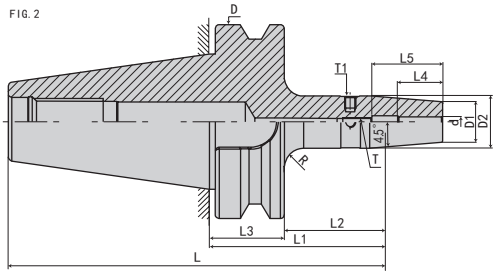
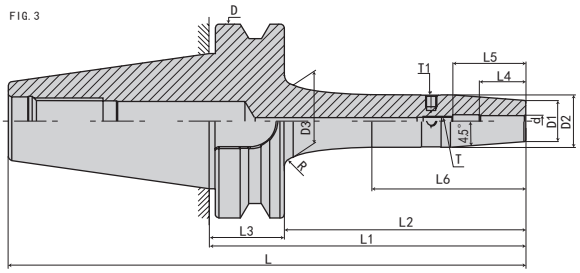


FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
BT50-SF16-100	201.8	100	62	38	40	50	-	100	27	34	-	16	M12*1.0P	M6*1.0P	4	1	3.9
-120	221.8	120	82	38	40	50	-	100	27	34	-	16	M12*1.0P	M6*1.0P	10	2	4.1
-160	2618	160	122	38	40	50	67	100	27	34	41	16	M12*1.0P	M6*1.0P	15	3	4.3
-200	301.8	200	162	38	40	50	107	100	27	34	41	16	M12*1.0P	M6*1.0P	15	3	5.9
-250	351.8	250	212	38	40	50	157	100	27	34	41	16	M12*1.0P	M6*1.0P	15	3	7.5
-300	401.8	300	262	38	40	50	207	100	27	34	41	16	M5*0.8P	M6*1.0P	15	3	9.1
-SF18-100	201.8	100	62	38	40	50	-	100	33	42	-	18	M12*1.0P	M6*1.0P	3	1	4.1
-120	221.8	120	82	38	40	50	-	100	33	42	-	18	M12*1.0P	M6*1.0P	4	2	4.2
-160	2618	160	122	38	40	50	77	100	33	42	47	18	M12*1.0P	M6*1.0P	12	3	4.4
-200	301.8	200	162	38	40	50	107	100	33	42	50	18	M12*1.0P	M6*1.0P	12	3	6.1
-250	351.8	250	212	38	40	50	157	100	33	42	50	18	M12*1.0P	M6*1.0P	12	3	7.8
-300	401.8	300	262	38	40	50	207	100	27	34	50	18	M5*0.8P	M6*1.0P	12	3	9.4
-SF20-100	201.8	100	62	38	42	52	-	100	33	42	-	20	M16*1.0P	M6*1.0P	3	1	4.1
-120	221.8	120	82	38	42	52	-	100	33	42	-	20	M16*1.0P	M6*1.0P	4	2	4.2
-160	2618	160	122	38	42	52	77	100	33	42	47	20	M16*1.0P	M6*1.0P	12	3	4.4
-200	301.8	200	162	38	42	52	107	100	33	42	50	20	M16*1.0P	M6*1.0P	12	3	6.1
-250	351.8	250	212	38	42	52	157	100	33	42	50	20	M16*1.0P	M6*1.0P	12	3	7.8
-300	401.8	300	262	38	42	52	207	100	33	42	50	18	M5*0.8P	M6*1.0P	12	3	9.4
-SF25-110	211.8	110	72	38	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	1	1	4.5
-120	221.8	120	82	38	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	3	2	4.7
-160	2618	160	122	38	48	58	79	100	44	53	57	25	M16*1.0P	M6*1.0P	8	3	5.1
-200	301.8	200	162	38	48	58	107	100	44	53	61	25	M16*1.0P	M6*1.0P	8	3	6.1
-250	351.8	250	212	38	48	58	157	100	44	53	61	25	M16*1.0P	M6*1.0P	8	3	7.8
-300	401.8	300	262	38	48	58	207	100	44	53	61	25	M16*1.0P	M6*1.0P	8	3	9.7
-SF32-110	211.8	110	72	38	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	1	1	4.5
-120	221.8	120	82	38	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	3	2	4.7
-160	2618	160	122	38	52	62	79	100	44	53	57	32	M16*1.0P	M6*1.0P	8	3	5.1
-200	301.8	200	162	38	52	62	107	100	44	53	61	32	M16*1.0P	M6*1.0P	8	3	6.1
-250	351.8	250	212	38	52	62	157	100	44	53	61	32	M16*1.0P	M6*1.0P	8	3	7.8
-300	401.8	300	262	38	52	62	207	100	44	53	61	32	M16*1.0P	M6*1.0P	8	3	9.7

规格说明:

BT50 - SF - 16 - 100

- 100 L1 长度 Length (L1)
- 16 刀杆直径 Diameter
- SF 功能代号 Holder type
- BT50 锥柄形式 Taper size

·BT30-SFS 热缩刀柄（3 度细长型）

BT30-SFS SHRINK CHUCK（3° C SLENDER TYPE）





FIG. 1

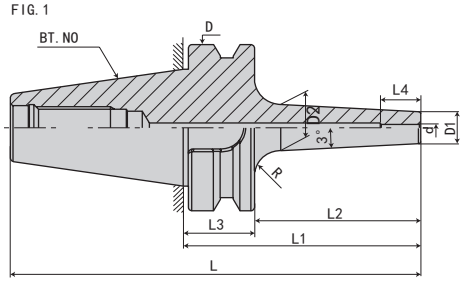
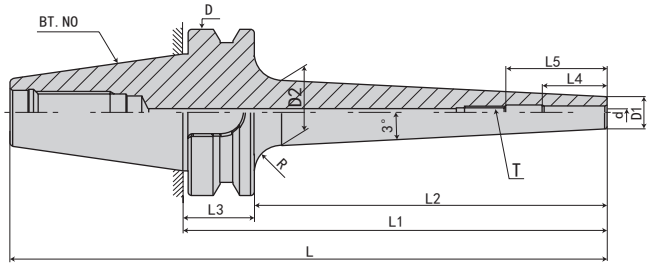


FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R 大圆弧	FIG	重量 KGS
BT30-SFS03- 80	128.4	80	58	22	12	-	46	7	13	3	-	5	1	0.6
-120	168.4	120	98	22	12	-	46	7	17	3	-	5	2	0.9
-SFS04- 80	128.4	80	58	22	16	-	46	8	14	4	-	5	1	0.6
-120	168.4	120	98	22	16	-	46	8	18	4	-	5	2	0.9
-SFS05- 80	128.4	80	58	22	18	-	46	9	15	5	-	5	1	0.6
-120	168.4	120	98	22	18	-	46	9	19	5	-	5	2	0.9
-SFS06- 80	128.4	80	58	22	26	36	46	10	16	6	M5*0.8P	5	1	0.7
-120	168.4	120	98	22	26	36	46	10	20	6	M5*0.8P	5	2	1
-SFS08- 80	128.4	80	58	22	26	36	46	12	16	8	M6*1.0P	5	1	0.7
-120	168.4	120	98	22	26	36	46	12	20	8	M6*1.0P	5	2	1
-SFS10- 80	128.4	80	58	22	32	42	46	14	16	10	M8*1.0P	5	1	0.8
-120	168.4	120	98	22	32	42	46	14	20	10	M8*1.0P	5	2	1.1
-SFS12- 80	128.4	80	58	22	37	47	46	16	22	12	M10*1.0P	5	1	0.8
-120	168.4	120	98	22	37	47	46	16	26	12	M10*1.0P	5	2	1.1
- SFS14- 80	128.4	80	58	22	37	47	46	18	24	14	M10*1.0P	5	1	1
-120	168.4	120	98	22	37	47	46	18	28	14	M10*1.0P	5	2	1.2
-SFS16- 80	128.4	80	58	22	40	50	46	22	28	16	M12*1.0P	5	1	1
-120	168.4	120	98	22	40	50	46	22	31	16	M12*1.0P	5	2	1.2

规格说明:

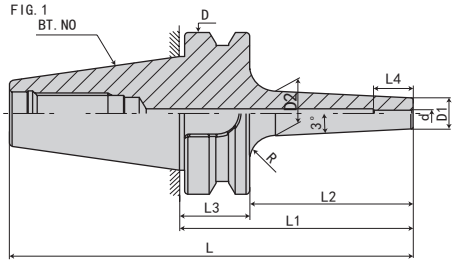
BT30 - SFS - 03 - 80

- 80 — L1 长度 Length (L1)
- 03 — 刀杆直径 Diameter
- SFS — 功能代号 Holder type
- BT30 — 锥柄形式 Taper size

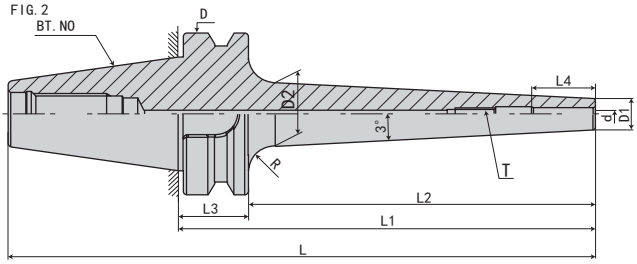
·BT40-SFS 热缩刀柄（3 度细长型）

BT40-SFS SHRINK CHUCK（3° C SLENDER TYPE）









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
-120	185.4	120	93	27	12	63	9	16	3	10	2	1.1
-160	225.4	160	133	27	12	63	9	19	3	10	2	1.2
-200	265.4	200	173	27	12	63	9	22	3	10	2	1.2
-SFS04- 90	155.4	90	63	27	16	63	10	16	4	10	1	1
-120	185.4	120	93	27	16	63	10	17	4	10	2	1.1
-160	225.4	160	133	27	16	63	10	20	4	10	2	1.2
-200	265.4	200	173	27	16	63	10	23	4	10	2	1.3
-SFS05- 90	155.4	90	63	27	18	63	11	17	5	10	1	1.1
-120	185.4	120	93	27	18	63	11	18	5	10	2	1.1
-160	225.4	160	133	27	18	63	11	21	5	10	2	1.2
-200	265.4	200	173	27	18	63	11	24	5	10	2	1.3

规格说明:

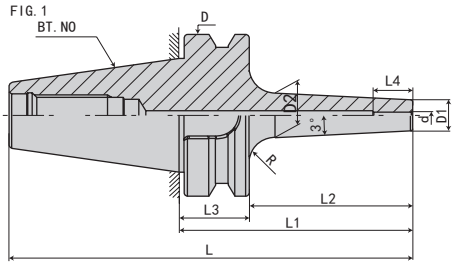
BT40 - SFS - 03 - 90

- BT40 锥柄形式 Taper size
- SFS 功能代号 Holder type
- 03 刀杆直径 Diameter
- 90 L1 长度 Length（L1）

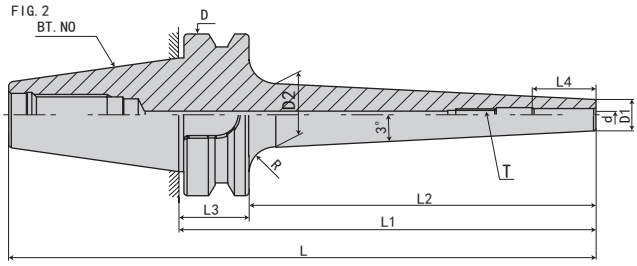
·BT40-SFS 热缩刀柄（3 度细长型）

BT40-SFS SHRINK CHUCK（3° C SLENDER TYPE）









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
-120	185.4	120	93	27	26	36	63	12	21	6	M5*0.8P	10	2	1.1
-160	225.4	160	133	27	26	36	63	12	24	6	M5*0.8P	10	2	1.2
-200	265.4	200	173	27	26	36	63	12	27	6	M5*0.8P	10	2	1.3
-250	315.4	250	223	27	26	36	63	12		6	M5*0.8P	10	2	1.4
-SFS08- 90	155.4	90	63	27	26	36	63	14	20	8	M6*1.0P	10	1	1.1
-120	185.4	120	93	27	26	36	63	14	23	8	M6*1.0P	10	2	1.2
-160	225.4	160	133	27	26	36	63	14	26	8	M6*1.0P	10	2	1.3
-200	265.4	200	173	27	26	36	63	14	29	8	M6*1.0P	10	2	1.4
-250	315.4	250	223	27	26	36	63	14		8	M6*1.0P	10	2	1.5
-SFS10- 90	155.4	90	63	27	32	42	63	16	22	10	M8*1.0P	10	1	1.1
-120	185.4	120	93	27	32	42	63	16	25	10	M8*1.0P	10	2	1.2
-160	225.4	160	133	27	32	42	63	16	28	10	M8*1.0P	10	2	1.3
-200	265.4	200	173	27	32	42	63	16	31	10	M8*1.0P	10	2	1.5
-250	315.4	250	223	27	32	42	63	16		10	M8*1.0P	10	2	1.7
-SFS12- 90	155.4	90	63	27	37	47	63	18	24	12	M10*1.0P	10	1	1.1
-120	185.4	120	93	27	37	47	63	18	27	12	M10*1.0P	10	2	1.2
-160	225.4	160	133	27	37	47	63	18	30	12	M10*1.0P	10	2	1.4
-200	265.4	200	173	27	37	47	63	18	33	12	M10*1.0P	10	2	1.6
-250	315.4	250	223	27	37	47	63	18		12	M10*1.0P	10	2	1.8

规格说明:

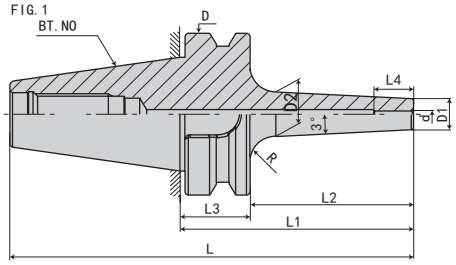
BT40 - SFS - 06 - 90

- 90 — L1 长度 Length (L1)
- 06 — 刀杆直径 Diameter
- SFS — 功能代号 Holder type
- BT40 — 锥柄形式 Taper size

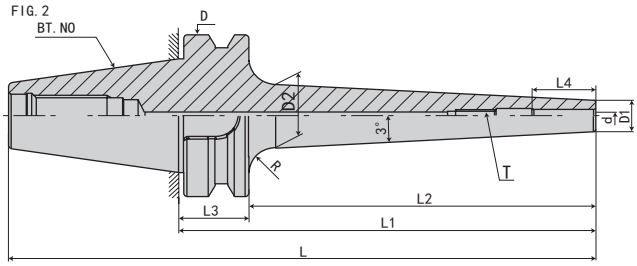
·BT40-SFS 热缩刀柄（3 度细长型）

BT40-SFS SHRINK CHUCK（3° C SLENDER TYPE）









规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R 大圆弧	FIG	重量 KGS
-SFS14- 90	155.4	90	63	27	37	47	63	20	26	14	M10*1.0P	10	1	1.1
-120	185.4	120	93	27	37	47	63	20	29	14	M10*1.0P	10	2	1.3
-160	225.4	160	133	27	37	47	63	20	32	14	M10*1.0P	10	2	1.5
-200	265.4	200	173	27	37	47	63	20	35	14	M10*1.0P	10	2	1.7
-250	315.4	250	223	27	37	47	63	20		14	M10*1.0P	10	2	1.9
-SFS16- 90	155.4	90	63	27	40	50	63	22	28	16	M12*1.0P	10	1	1.2
-120	185.4	120	93	27	40	50	63	22	31	16	M12*1.0P	10	2	1.3
-160	225.4	160	133	27	40	50	63	22	34	16	M12*1.0P	10	2	1.5
-200	265.4	200	173	27	40	50	63	22	37	16	M12*1.0P	10	2	1.8
-250	315.4	250	223	27	40	50	63	22		16	M12*1.0P	10	2	2
-SFS18- 90	155.4	90	63	27	40	50	63	24	30	18	M12*1.0P	10	1	1.2
-120	185.4	120	93	27	40	50	63	24	33	18	M12*1.0P	10	2	1.3
-160	225.4	160	133	27	40	50	63	24	36	18	M12*1.0P	10	2	1.6
-200	265.4	200	173	27	40	50	63	24	39	18	M12*1.0P	10	2	1.9
-250	315.4	250	223	27	40	50	63	24		18	M12*1.0P	10	2	2.1
-SFS20- 90	155.4	90	63	27	42	52	63	26	32	20	M16*1.0P	10	1	1.2
-120	185.4	120	93	27	42	52	63	26	35	20	M16*1.0P	10	2	1.3
-160	225.4	160	133	27	42	52	63	26	38	20	M16*1.0P	10	2	1.7
-200	265.4	200	173	27	42	52	63	26	41	20	M16*1.0P	10	2	2
-250	315.4	250	223	27	42	52	63	26		20	M16*1.0P	10	2	2.2

规格说明:

BT40 - SFS - 14 - 90

- 90 — L1 长度 Length（L1）
- 14 — 刀杆直径 Diameter
- SFS — 功能代号 Holder type
- BT40 — 锥柄形式 Taper size

·BT50-SFS 热缩刀柄（3 度细长型）

BT50-SFS SHRINK CHUCK（3° C SLENDER TYPE）





FIG. 1

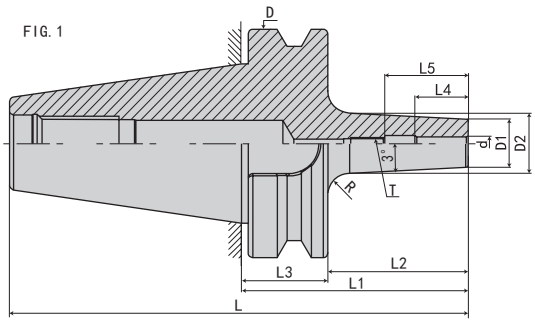
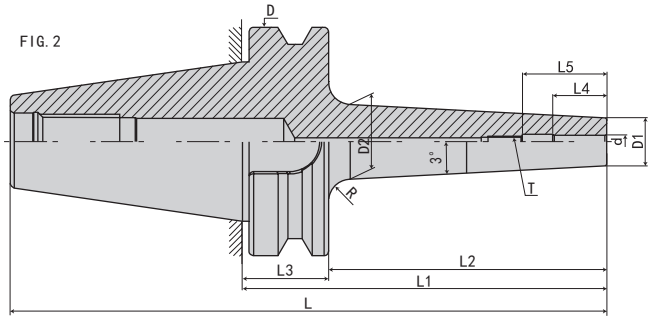


FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R 大圆弧	FIG	重量 KGS
BT50-SFS06-100	201.8	100	62	38	26	36	100	12	18	6	M5*0.8P	10	1	3.8
-120	221.8	120	82	38	26	36	100	12	20	6	M5*0.8P	10	1	3.9
-160	162.8	160	122	38	26	36	100	12	24	6	M5*0.8P	10	2	4.2
-200	301.8	200	162	38	26	36	100	12	28	6	M5*0.8P	10	2	5.8
-250	351.8	250	212	38	26	36	100	12		6	M5*0.8P	10	2	7.2
-SFS08-100	201.8	100	62	38	26	36	100	14	20	8	M6*1.0P	10	1	3.8
-120	221.8	120	82	38	26	36	100	14	22	8	M6*1.0P	10	1	3.9
-160	162.8	160	122	38	26	36	100	14	26	8	M6*1.0P	10	2	4.2
-200	301.8	200	162	38	26	36	100	14	30	8	M6*1.0P	10	2	5.8
-250	351.8	250	212	38	26	36	100	14		8	M6*1.0P	10	2	7.2
-SFS10-100	201.8	100	62	38	32	42	100	16	22	10	M8*1.0P	10	1	3.9
-120	221.8	120	82	38	32	42	100	16	24	10	M8*1.0P	10	1	4.1
-160	162.8	160	122	38	32	42	100	16	28	10	M8*1.0P	10	2	4.3
-200	301.8	200	162	38	32	42	100	16	32	10	M8*1.0P	10	2	5.9
-250	351.8	250	212	38	32	42	100	16		10	M8*1.0P	10	2	7.6
-SFS12-100	201.8	100	62	38	37	47	100	18	24	12	M10*1.0P	10	1	3.9
-120	221.8	120	82	38	37	47	100	18	26	12	M10*1.0P	10	1	4.1
-160	162.8	160	122	38	37	47	100	18	30	12	M10*1.0P	10	2	4.3
-200	301.8	200	162	38	37	47	100	18	34	12	M10*1.0P	10	2	5.9
-250	351.8	250	212	38	37	47	100	18		12	M10*1.0P	10	2	7.6

规格说明:

BT50 - SFS - 06 - 100

- 100 L1 长度 Length（L1）
- 06 刀杆直径 Diameter
- SFS 功能代号 Holder type
- BT50 锥柄形式 Taper size

·BT50-SFS 热缩刀柄（3 度细长型）

BT50-SFS SHRINK CHUCK（3° C SLENDER TYPE）





FIG. 1

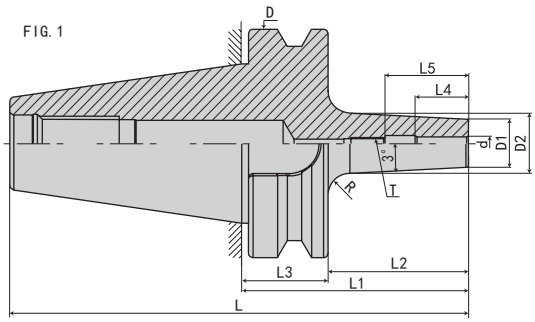
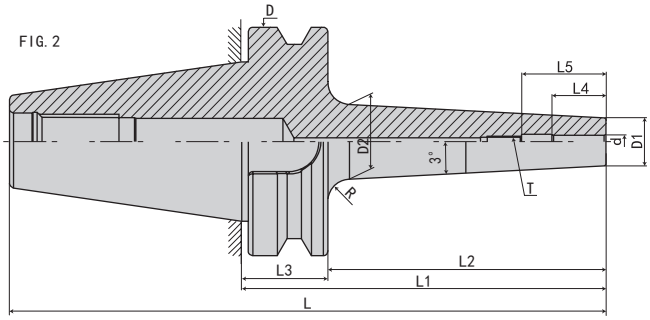


FIG. 2



规 格 Model	L	L1	L2	L3	L4	L5	D	D1	D2	d	T	R 大圆弧	FIG	重量 KGS
BT50 -SFS14-100	201.8	100	62	38	37	47	100	20	26	14	M10*1.0P	10	1	3.9
-120	221.8	120	82	38	37	47	100	20	28	14	M10*1.0P	10	1	4.1
-160	162.8	160	122	38	37	47	100	20	32	14	M10*1.0P	10	2	4.3
-200	301.8	200	162	38	37	47	100	20	36	14	M10*1.0P	10	2	5.9
-250	351.8	250	212	38	37	47	100	20		14	M10*1.0P	10	2	7.6
-SFS16-100	201.8	100	62	38	40	50	100	22	28	16	M12*1.0P	10	1	4
-120	221.8	120	82	38	40	50	100	22	30	16	M12*1.0P	10	1	4.2
-160	162.8	160	122	38	40	50	100	22	34	16	M12*1.0P	10	2	4.4
-200	301.8	200	162	38	40	50	100	22	38	16	M12*1.0P	10	2	6
-250	351.8	250	212	38	40	50	100	22		16	M12*1.0P	10	2	7.7
-SFS18-100	201.8	100	62	38	40	50	100	24	30	18	M12*1.0P	10	1	4
-120	221.8	120	82	38	40	50	100	24	32	18	M12*1.0P	10	1	4.2
-160	162.8	160	122	38	40	50	100	24	36	18	M12*1.0P	10	2	4.4
-200	301.8	200	162	38	40	50	100	24	40	18	M12*1.0P	10	2	6
-250	351.8	250	212	38	40	50	100	24		18	M12*1.0P	10	2	7.7
-SFS20-100	201.8	100	62	38	42	52	100	26	32	20	M16*1.0P	10	1	4.1
-120	221.8	120	82	38	42	52	100	26	34	20	M16*1.0P	10	1	4.3
-160	162.8	160	122	38	42	52	100	26	38	20	M16*1.0P	10	2	4.4
-200	301.8	200	162	38	42	52	100	26	42	20	M16*1.0P	10	2	6.1
-250	351.8	250	212	38	42	52	100	26		20	M16*1.0P	10	2	7.8

规格说明:

BT50 - SFS - 14 - 100

- 100 L1 长度 Length（L1）
- 14 刀杆直径 Diameter
- SFS 功能代号 Holder type
- BT50 锥柄形式 Taper size

·BT30-SFK 热缩刀柄 (4.5°通水型)

BT30-SFK SHRINK CHUCK（4.5° SHRINK-FIT COOLANT TYPE）





FIG. 1

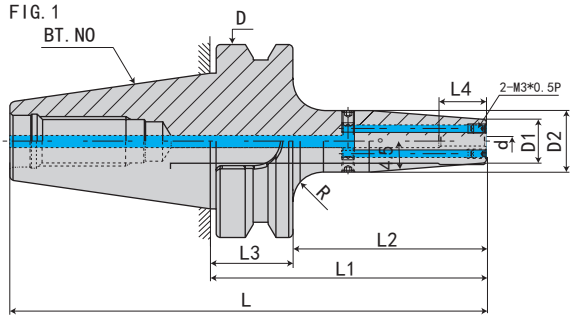
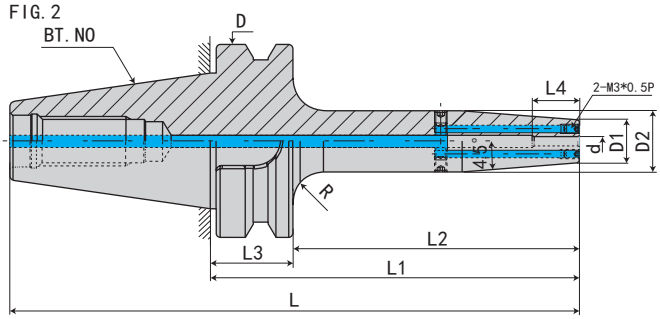


FIG. 2



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
-SF04- 80K	128.4	80	58	22	16	46	15	20	4	5	1	0.6
-120K	168.4	120	98	22	16	46	15	20	4	5	2	0.7
-SF05- 80K	128.4	80	58	22	18	46	15	20	5	5	1	0.6
-120K	168.4	120	98	22	18	46	15	20	5	5	2	0.7

规格说明:

BT30 - SF - 03 - 80K

- 80K：L1 长度 Length（L1）
- 03：刀杆直径 Diameter
- SF：功能代号 Holder type
- BT30：锥柄形式 Taper size

·BT30-SFK 热缩刀柄 (4.5°通水型)

BT30-SFK SHRINK CHUCK（4.5° SHRINK-FIT COOLANT TYPE）





FIG. 1

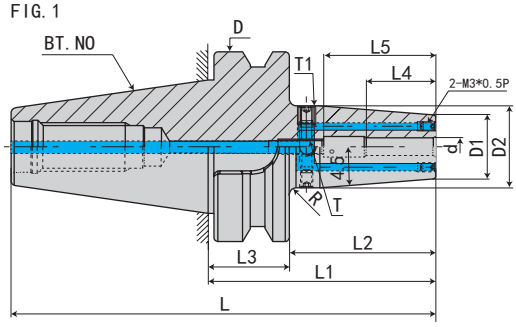
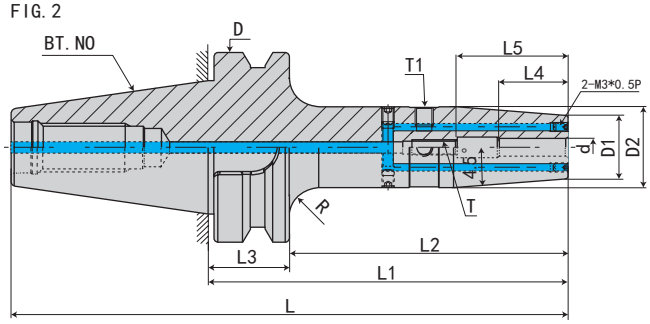


FIG. 2



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	1	1	0.7
-120K	168.4	120	98	22	26	36	46	21	27	6	M5*0.8P	M6*1.0P	5	2	0.9
-SF08- 80K	128.4	80	58	22	26	36	46	21	27	8	M6*1.0P	M6*1.0P	1	1	0.7
-120K	168.4	120	98	22	26	36	46	21	27	8	M6*1.0P	M6*1.0P	5	2	0.9
-SF10- 80K	128.4	80	58	22	32	42	46	24	32	10	M8*1.0P	M6*1.0P	1	1	0.8
-120K	168.4	120	98	22	32	42	46	24	32	10	M8*1.0P	M6*1.0P	5	2	1.1
-SF12- 80K	128.4	80	58	22	37	47	46	24	32	12	M10*1.0P	M6*1.0P	1	1	0.8
-120K	168.4	120	98	22	37	47	46	24	32	12	M10*1.0P	M6*1.0P	5	2	1.1
-SF14- 80K	128.4	80	58	22	37	47	46	27	34	14	M10*1.0P	M6*1.0P	1	1	0.8
-120K	168.4	120	98	22	37	47	46	27	34	14	M10*1.0P	M6*1.0P	3	2	1.1
-SF16- 90K	138.4	90	68	22	40	50	46	27	34	16	M12*1.0P	M6*1.0P	1	1	0.8
-120K	168.4	120	98	22	40	50	46	27	34	16	M12*1.0P	M6*1.0P	3	2	1.1
-SF18- 90K	138.4	90	68	22	40	50	46	33	42	18	M12*1.0P	M6*1.0P	1	1	1
-120K	168.4	120	98	22	40	50	46	33	42	18	M12*1.0P	M6*1.0P	1	2	1.5
-SF20- 90K	138.4	90	68	22	42	52	46	33	42	20	M16*1.0P	M6*1.0P	1	1	1
-120K	168.4	120	98	22	42	52	46	33	42	20	M16*1.0P	M6*1.0P	1	2	1.5

规格说明:

BT30 - SF - 06 - 80K

- 80K — L1 长度 Length (L1)
- 06 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- BT30 — 锥柄形式 Taper size

·BT40-SFK 热缩刀柄 (4.5°通水型)

BT40-SFK SHRINK CHUCK（4.5° SHRINK-FIT COOLANT TYPE）





FIG. 1

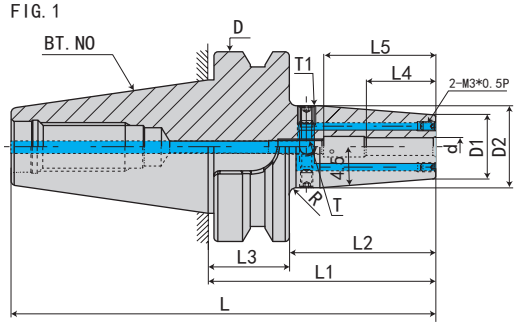
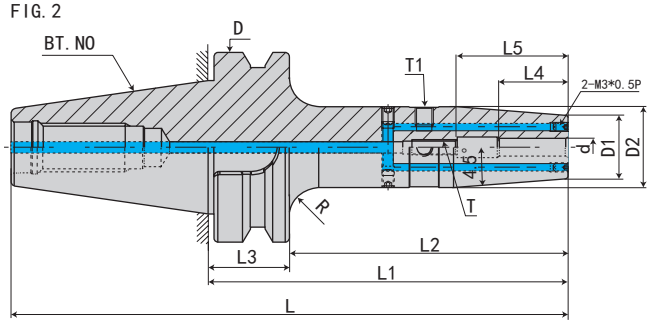


FIG. 2



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
-120K	185.4	120	93	27	12	63	15	20	3	5	2	1.2
-160K	225.4	160	133	27	12	63	15	25	3	5	2	1.3
-SF04- 90K	155.4	90	63	27	16	63	15	20	4	5	1	1.1
-120K	185.4	120	93	27	16	63	15	20	4	5	2	1.2
-160K	225.4	160	133	27	16	63	15	25	4	5	2	1.3
-SF05- 90K	155.4	90	63	27	18	63	15	20	5	5	1	1.1
-120K	185.4	120	93	27	18	63	15	20	5	5	2	1.2
-160K	225.4	160	133	27	18	63	15	25	5	5	2	1.3

规格说明:

BT40 - SF - 03 - 90K

- 90K：L1 长度 Length（L1）
- 03：刀杆直径 Diameter
- SF：功能代号 Holder type
- BT40：锥柄形式 Taper size

·BT40-SFK 热缩刀柄 (4.5°通水型)

BT40-SFK SHRINK CHUCK（4.5° SHRINK-FIT COOLANT TYPE）







FIG. 1

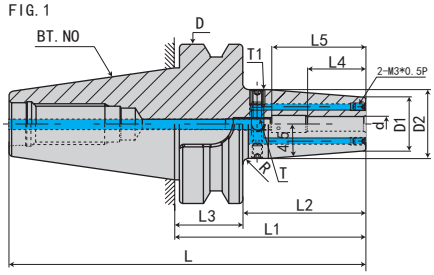


FIG. 2

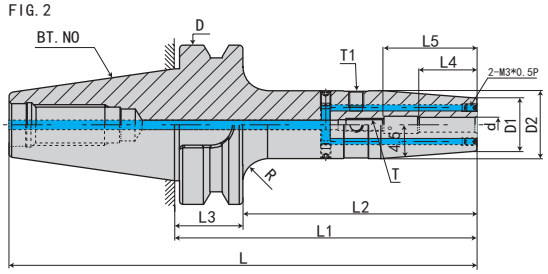
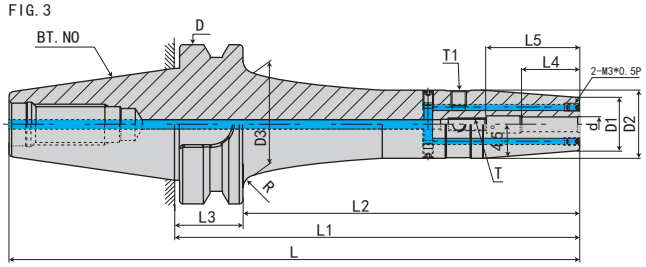


FIG. 3



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
-120K	185.4	120	93	27	26	36	-	63	21	27	-	6	M5*0.8P	M6*1.0P	5	2	1.5
-160K	225.4	160	133	27	26	36	79	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	1.8
-200K	265.4	200	173	27	26	36	119	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	2.2
-250K	315.4	250	223	27	26	36	169	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	2.6
-300K	365.4	300	273	27	26	36	219	63	21	27	40	6	M5*0.8P	M6*1.0P	6	3	3.1
-SF08- 90K	155.4	90	63	27	26	36	-	63	21	27	-	8	M6*1.0P	M6*1.0P	5	1	1.2
-120K	185.4	120	93	27	26	36	-	63	21	27	-	8	M6*1.0P	M6*1.0P	5	2	1.5
-160K	225.4	160	133	27	26	36	79	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	1.8
-200K	265.4	200	173	27	26	36	119	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	2.2
-250K	315.4	250	223	27	26	36	169	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	2.6
-300K	365.4	300	273	27	26	36	219	63	21	27	40	8	M6*1.0P	M6*1.0P	6	3	3.1
-SF10- 90K	155.4	90	63	27	32	42	-	63	24	32	-	10	M8*1.0P	M6*1.0P	3	1	1.3
-120K	185.4	120	93	27	32	42	-	63	24	32	-	10	M8*1.0P	M6*1.0P	10	2	1.6
-160K	225.4	160	133	27	32	42	79	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	1.9
-200K	265.4	200	173	27	32	42	119	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	2.3
-250K	315.4	250	223	27	32	42	169	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	2.7
-300K	365.4	300	273	27	32	42	219	63	24	32	39	10	M8*1.0P	M6*1.0P	7	3	3.2
-SF12- 90K	155.4	90	63	27	37	47	-	63	24	32	-	12	M10*1.0P	M6*1.0P	3	1	1.3
-120K	185.4	120	93	27	37	47	-	63	24	32	-	12	M10*1.0P	M6*1.0P	10	2	1.6
-160K	225.4	160	133	27	37	47	79	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	1.9
-200K	265.4	200	173	27	37	47	119	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	2.3
-250K	315.4	250	223	27	37	47	169	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	2.7
-300K	365.4	300	273	27	37	47	219	63	24	32	39	12	M10*1.0P	M6*1.0P	7	3	3.1
-SF14- 90K	155.4	90	63	27	37	48	-	63	27	34	-	14	M10*1.0P	M6*1.0P	3	1	1.3
-120K	185.4	120	93	27	37	47	-	63	27	34	-	14	M10*1.0P	M6*1.0P	10	2	1.6
-160K	225.4	160	133	27	37	47	78	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	1.9
-200K	265.4	200	173	27	37	47	118	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	2.3
-250K	315.4	250	223	27	37	47	168	63	27	34	42	14	M10*1.0P	M6*1.0P	5	3	2.7
-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

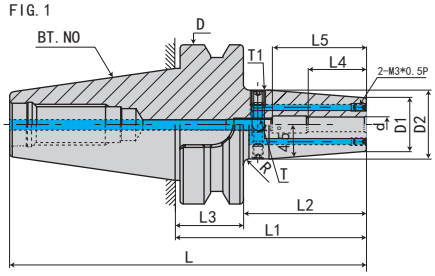


FIG. 2

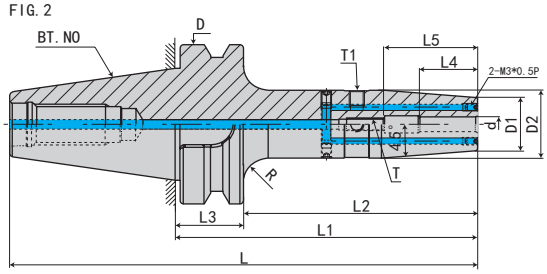
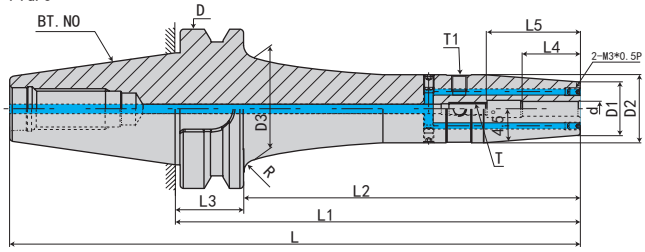


FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
BT40-SF16- 90K	155.4	90	63	27	40	50	-	63	27	34	-	16	M12*1.0P	M6*1.0P	3	1	1.3
-120K	185.4	120	93	27	40	50	-	63	27	34	-	16	M12*1.0P	M6*1.0P	10	2	1.6
-160K	225.4	160	133	27	40	50	78	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	1.9
-200K	265.4	200	173	27	40	50	118	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	2.3
-250K	315.4	250	223	27	40	50	168	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	2.7
-300K	365.4	300	273	27	40	50	218	63	27	34	42	16	M12*1.0P	M6*1.0P	5	3	3.1
-SF18- 90K	155.4	90	63	27	40	50	-	63	33	41	-	18	M12*1.0P	M6*1.0P	2	1	1.4
-120K	185.4	120	93	27	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	1.8
-160K	225.4	160	133	27	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	2.1
-200K	265.4	200	173	27	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	2.4
-250K	315.4	250	223	27	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	2.8
-300K	365.4	300	273	27	40	50	-	63	33	42	-	18	M12*1.0P	M6*1.0P	5	2	3.2
-SF20- 90K	155.4	90	63	27	42	50	-	63	33	41	-	20	M16*1.0P	M6*1.0P	2	1	1.4
-120K	185.4	120	93	27	42	50	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	1.8
-160K	225.4	160	133	27	42	50	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	2.1
-200K	265.4	200	173	27	42	50	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	2.4
-250K	315.4	250	223	27	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	2.8
-300K	365.4	300	273	27	42	52	-	63	33	42	-	20	M16*1.0P	M6*1.0P	5	2	3.2
-SF25-100K	155.4	90	63	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	1	2.1
-120K	185.4	120	93	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	2.3
-160K	225.4	160	133	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	2.6
-200K	265.4	200	173	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	3.1
-250K	315.4	250	223	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	3.6
-300K	365.4	300	273	27	48	58	-	63	44	53	-	25	M16*1.0P	M6*1.0P	2	2	4.1
-SF32-100K	155.4	90	63	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	1	2.1
-120K	185.4	120	93	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	2.3
-160K	225.4	160	133	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	2.6
-200K	265.4	200	173	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	3.1
-250K	315.4	250	223	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	3.6
-300K	365.4	300	273	27	52	62	-	63	44	53	-	32	M16*1.0P	M6*1.0P	2	2	4.1

规格说明:

BT40 - SF - 16 - 75K

- 75K: L1 长度 Length (L1)
- 16: 刀杆直径 Diameter
- SF: 功能代号 Holder type
- BT40: 锥柄形式 Taper size

·BT50-SFK 热缩刀柄 (4.5°通水型)

BT50-SFK SHRINK CHUCK（4.5° SHRINK-FIT COOLANT TYPE）







FIG. 1

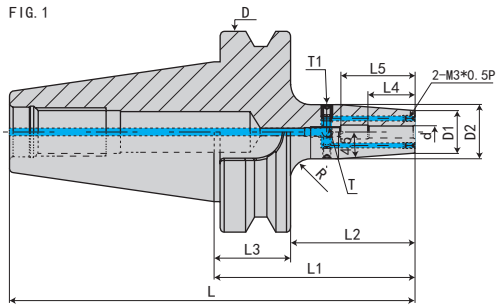


FIG. 2

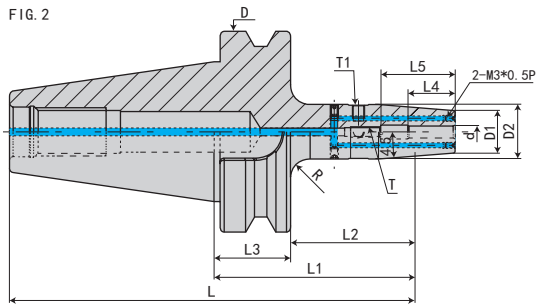
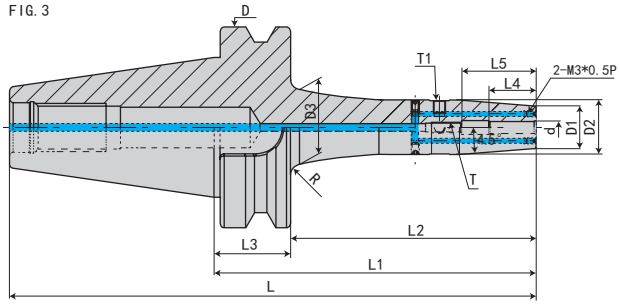


FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
BT50-SF06-100K	201.8	100	62	38	26	36	-	100	21	27	-	6	M5*0.8P	M6*1.0P	2	1	3.7
-120K	221.8	120	82	38	26	36	-	100	21	27	-	6	M5*0.8P	M6*1.0P	12	2	3.9
-160K	2618	160	122	38	26	36	58	100	21	27	39	6	M5*0.8P	M6*1.0P	12	3	4.2
-200K	301.8	200	162	38	26	36	92	100	21	27	42	6	M5*0.8P	M6*1.0P	12	3	5.8
-250K	351.8	250	212	38	26	36	142	100	21	27	42	6	M5*0.8P	M6*1.0P	12	3	7.4
-300K	401.8	300	262	38	26	36	192	100	21	27	42	6	M5*0.8P	M6*1.0P	12	3	8.9
-SF08-100K	201.8	100	62	38	26	36	-	100	21	27	-	8	M6*1.0P	M6*1.0P	2	1	3.8
-120K	221.8	120	82	38	26	36	-	100	21	27	-	8	M6*1.0P	M6*1.0P	12	2	3.9
-160K	2618	160	122	38	26	36	58	100	21	27	39	8	M6*1.0P	M6*1.0P	12	3	4.2
-200K	301.8	200	162	38	26	36	92	100	21	27	42	8	M6*1.0P	M6*1.0P	12	3	5.8
-250K	351.8	250	212	38	26	36	142	100	21	27	42	8	M6*1.0P	M6*1.0P	12	3	7.4
-300K	401.8	300	262	38	26	36	192	100	21	27	42	6	M5*0.8P	M6*1.0P	12	3	8.9
-SF10-100K	201.8	100	62	38	32	42	-	100	24	32	-	10	M8*1.0P	M6*1.0P	2	1	3.9
-120K	221.8	120	82	38	32	42	-	100	24	32	-	10	M8*1.0P	M6*1.0P	10	2	4.1
-160K	2618	160	122	38	32	42	72	100	24	32	38	10	M8*1.0P	M6*1.0P	15	3	4.3
-200K	301.8	200	162	38	32	42	107	100	24	32	39	10	M8*1.0P	M6*1.0P	15	3	5.9
-250K	351.8	250	212	38	32	42	127	100	24	32	39	10	M8*1.0P	M6*1.0P	15	3	7.5
-300K	401.8	300	262	38	32	42	207	100	21	27	39	10	M5*0.8P	M6*1.0P	15	3	8.9
-SF12-100K	201.8	100	62	38	37	47	-	100	24	32	-	12	M10*1.0P	M6*1.0P	2	1	3.9
-120K	221.8	120	82	38	37	47	-	100	24	32	-	12	M10*1.0P	M6*1.0P	10	2	4.1
-160K	2618	160	122	38	37	47	72	100	24	32	38	12	M10*1.0P	M6*1.0P	15	3	4.3
-200K	301.8	200	162	38	37	47	107	100	24	32	39	12	M10*1.0P	M6*1.0P	15	3	5.9
-250K	351.8	250	212	38	37	47	157	100	24	32	39	12	M10*1.0P	M6*1.0P	15	3	7.5
-300K	401.8	300	262	38	37	47	207	100	24	32	39	12	M10*1.0P	M6*1.0P	15	3	9.1
-SF14-100K	201.8	100	62	38	37	47	-	100	27	34	-	14	M10*1.0P	M6*1.0P	4	1	3.9
-120K	221.8	120	82	38	37	47	-	100	27	34	-	14	M10*1.0P	M6*1.0P	10	2	4.1
-160K	2618	160	122	38	37	47	67	100	27	34	41	14	M10*1.0P	M6*1.0P	15	3	4.3
-200K	301.8	200	162	38	37	47	107	100	27	34	41	14	M10*1.0P	M6*1.0P	15	3	5.9
-250K	351.8	250	212	38	37	47	157	100	27	34	41	14	M10*1.0P	M6*1.0P	15	3	7.5
-300K	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

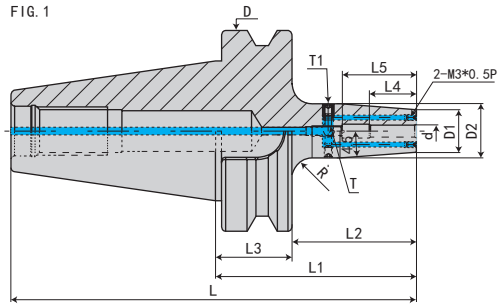


FIG. 2

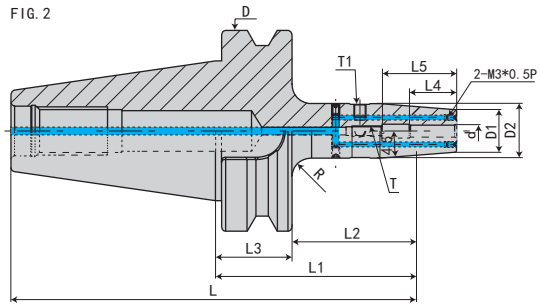
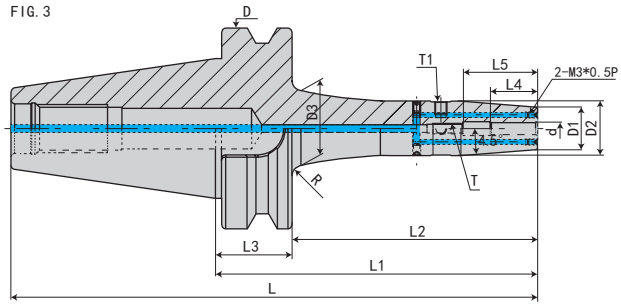


FIG. 3



规 格 Model	L	L1	L2	L3	L4	L5	L6	D	D1	D2	D3	d	T	T1	R	FIG	重量 KGS
BT50-SF16-100K	201.8	100	62	38	40	50	-	100	27	34	-	16	M12*1.0P	M6*1.0P	4	1	3.9
-120K	221.8	120	82	38	40	50	-	100	27	34	-	16	M12*1.0P	M6*1.0P	10	2	4.1
-160K	2618	160	122	38	40	50	67	100	27	34	41	16	M12*1.0P	M6*1.0P	15	3	4.3
-200K	301.8	200	162	38	40	50	107	100	27	34	41	16	M12*1.0P	M6*1.0P	15	3	5.9
-250K	351.8	250	212	38	40	50	157	100	27	34	41	16	M12*1.0P	M6*1.0P	15	3	7.5
-300K	401.8	300	262	38	40	50	207	100	27	34	41	16	M5*0.8P	M6*1.0P	15	3	9.1
-SF18-100K	201.8	100	62	38	40	50	-	100	33	42	-	18	M12*1.0P	M6*1.0P	3	1	4.1
-120K	221.8	120	82	38	40	50	-	100	33	42	-	18	M12*1.0P	M6*1.0P	4	2	4.2
-160K	2618	160	122	38	40	50	77	100	33	42	47	18	M12*1.0P	M6*1.0P	12	3	4.4
-200K	301.8	200	162	38	40	50	107	100	33	42	50	18	M12*1.0P	M6*1.0P	12	3	6.1
-250K	351.8	250	212	38	40	50	157	100	33	42	50	18	M12*1.0P	M6*1.0P	12	3	7.8
-300K	401.8	300	262	38	40	50	207	100	27	34	50	18	M5*0.8P	M6*1.0P	12	3	9.4
-SF20-100K	201.8	100	62	38	42	52	-	100	33	42	-	20	M16*1.0P	M6*1.0P	3	1	4.1
-120K	221.8	120	82	38	42	52	-	100	33	42	-	20	M16*1.0P	M6*1.0P	4	2	4.2
-160K	2618	160	122	38	42	52	77	100	33	42	47	20	M16*1.0P	M6*1.0P	12	3	4.4
-200K	301.8	200	162	38	42	52	107	100	33	42	50	20	M16*1.0P	M6*1.0P	12	3	6.1
-250K	351.8	250	212	38	42	52	157	100	33	42	50	20	M16*1.0P	M6*1.0P	12	3	7.8
-300K	401.8	300	262	38	42	52	207	100	33	42	50	18	M5*0.8P	M6*1.0P	12	3	9.4
-SF25-110K	211.8	110	72	38	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	1	1	4.5
-120K	221.8	120	82	38	48	58	-	100	44	53	-	25	M16*1.0P	M6*1.0P	3	2	4.7
-160K	2618	160	122	38	48	58	79	100	44	53	57	25	M16*1.0P	M6*1.0P	8	3	5.1
-200K	301.8	200	162	38	48	58	107	100	44	53	61	25	M16*1.0P	M6*1.0P	8	3	6.1
-250K	351.8	250	212	38	48	58	157	100	44	53	61	25	M16*1.0P	M6*1.0P	8	3	7.8
-300K	401.8	300	262	38	48	58	207	100	44	53	61	25	M16*1.0P	M6*1.0P	8	3	9.7
-SF32-110K	211.8	110	72	38	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	1	1	4.5
-120K	221.8	120	82	38	52	62	-	100	44	53	-	32	M16*1.0P	M6*1.0P	3	2	4.7
-160K	2618	160	122	38	52	62	79	100	44	53	57	32	M16*1.0P	M6*1.0P	8	3	5.1
-200K	301.8	200	162	38	52	62	107	100	44	53	61	32	M16*1.0P	M6*1.0P	8	3	6.1
-250K	351.8	250	212	38	52	62	157	100	44	53	61	32	M16*1.0P	M6*1.0P	8	3	7.8
-300K	401.8	300	262	38	52	62	207	100	44	53	61	32	M16*1.0P	M6*1.0P	8	3	9.7

·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

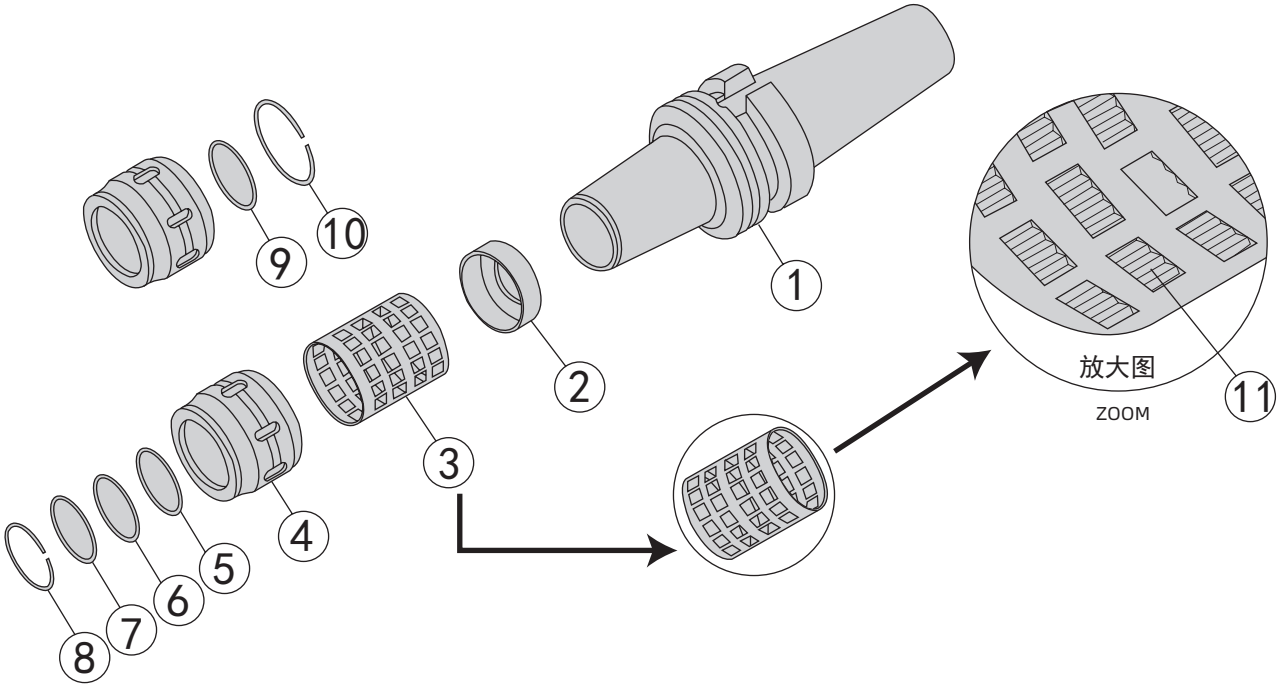
◎防护罩能防止液体，灰尘，切削进入本体与转螺帽形成的间隙间损坏表面及滚针，从而使强力夹头持久保持铣削精度延长使用寿命

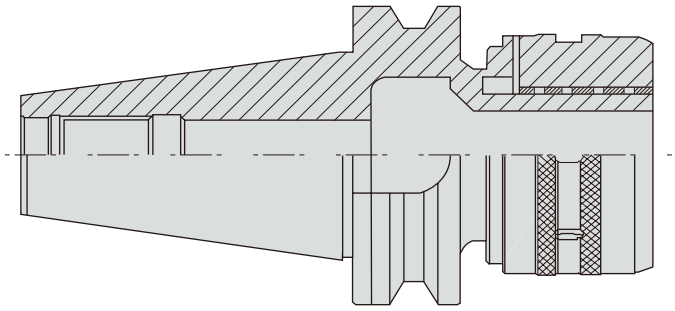
Features:

◎ 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 本体 Holder body
② 防护罩 Cover ring
③ 保持架 Keeping shelves
④ 螺帽 Nut
⑤ 本体垫片 Body spacer
⑥ 本体密封圈 Body lock ring
⑦ 本体垫片 Body spacer
⑧ 本体卡簧 Body clamp spring
⑨ 螺帽垫片 Nut spacer
⑩ 螺帽卡簧 Nut clamp spring
⑪ 滚针 Needle roller

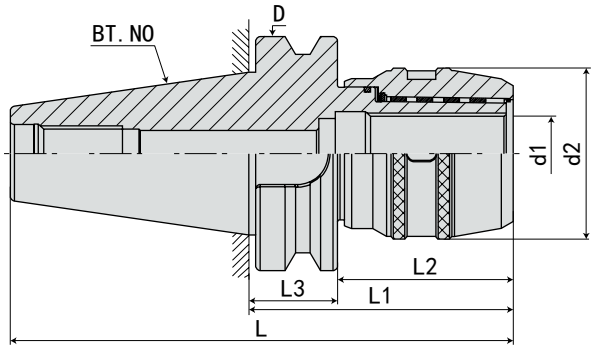
类似强力夹头存在的缺点 The shortcoming for the power milling chuck of standard type

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。

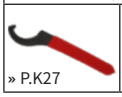
The standard milling chuck has the spacing between chuck body and transfer screw cap. It easily makes water with dust and cutting scrap into the spacing, and it also will be move to take the dust and cutting scrap together running, it not only fret the surface of chuck body and transfer screw cap, but 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





配 件 Accessories


» P.K27


» P.K12


» P.K19

规 格 Model	L	L1	L2	L3	D	d1	d2	夹持范围 Range	重量 KGS
BT30-C20- 80	128.4	80	58	22	46	20	58	3 4 5 6 8 10 12 14 16 20	1.3
-C25-100	148.4	100	78	22	46	25	63	3 4 5 6 8 10 12 14 16 18 20 25	1.6
-C32-105	153.4	105	83	22	46	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	2.3
BT40-C20-100	165.4	100	73	27	63	20	58	3 4 5 6 8 10 12 14 16 20	2
-C25-100	165.4	100	73	27	63	25	63	3 4 5 6 8 10 12 14 16 18 20 25	2.2
-135	200.4	135	108	27	63	25	63	3 4 5 6 8 10 12 14 16 18 20 25	3.1
-C32-105	170.4	105	78	27	63	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	2.5
-135	200.4	135	108	27	63	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	3.1
-165	230.4	165	138	27	63	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	3.9
-200	265.4	200	173	27	63	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	4.6
-250	315.4	250	223	27	63	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	5.7
-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 42	
BT50-C25-110	211.8	110	72	38	100	25	63	3 4 5 6 8 10 12 14 16 18 20 25	4.8
-165	236.8	165	127	38	100	25	63	3 4 5 6 8 10 12 14 16 18 20 25	6.1
-C32-110	211.8	110	72	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	5.3
-135	236.8	135	97	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	6
-165	266.8	165	127	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	6.9
-200	301.8	200	162	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	7.8
-250	351.8	250	212	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	9.45
-300	401.8	300	262	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	11.75
-350	451.8	350	312	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	12.3
-400	501.8	400	362	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	
-450	551.8	450	412	38	100	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	
-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 42	6.2
-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 42	7.6
-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 42	9

特点：

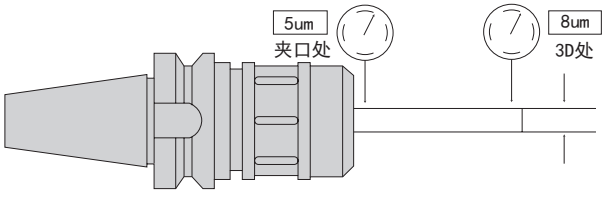
高速、高精度、高寿命直柄刀具系列
◎材质：20CrMnTi/15CrMn
◎硬度：HRC58-60，渗碳深度＞ 0.8mm
◎锥柄公差等级：≤ AT3
◎刀柄内孔分割了六槽，以防止刀具转动，增大夹持力
◎采用特殊材料制作滚针轴承保持架，延长使用寿命，增强夹紧力
◎具有夹持力大，定点精度高，特别适用于强力切削
◎可提供两种外观：光饰或涂层处理
◎内孔多次研磨，可达 Ra0.4, 起到镜面效果
◎外圆及端面多次研磨，可达 Ra0.4, 起到镜面效果
◎表面“环保”特殊涂层处理，提高表面硬度、耐磨性，提高清洁度，精度更稳定，表面更光滑，防锈、防腐蚀效果更好，手感更舒适，外观更美观
◎扳手、拉钉、筒夹须另行购买

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.

规格说明：

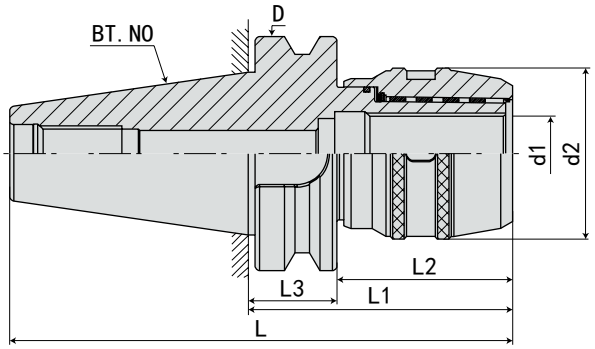
BT30 - C - 20 - 80
- 80：L1 长度 Length (L1)
- 20：筒夹型号 Collect model
- C：筒夹种类 Collect type C
- BT30：锥柄形式 Taper size



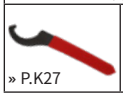
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·BT60-C 型高精度强力刀柄 BT60-C FORCE MILLING CHUCK





配 件 Accessories


» P.K27


» P.K12


» P.K19

规 格 Model	L	L1	L2	L3	D	d1	d2	夹持范围 Range	重量 KGS
BT60-C32-130	291.8	130	82	48	155	32	73	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	
-C42-130	291.8	130	82	48	155	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

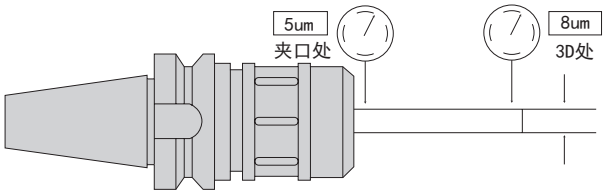
规格说明：

BT60 - C - 32 - 130

- 130 L1 长度 Length (L1)
- 32 筒夹型号 Collect model
- C 筒夹种类 Collect type C
- BT60 锥柄形式 Taper size

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.



扫描二维码观看产品视频

·强力铣刀柄（套装）　ASC MILLING CHUCK SET



规 格 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

规格说明：

BT30 - C - 32 - 105/ 7P

- 筒夹数 Collet No.
- L1 长度 Length (L1)
- 筒夹型号 Collect model
- 筒夹种类 Collect type C
- 锥柄形式 Taper size

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

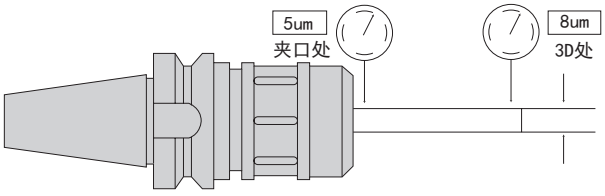
◎ Suitable for the diameter of integer specification tool clamping

◎ 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



·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

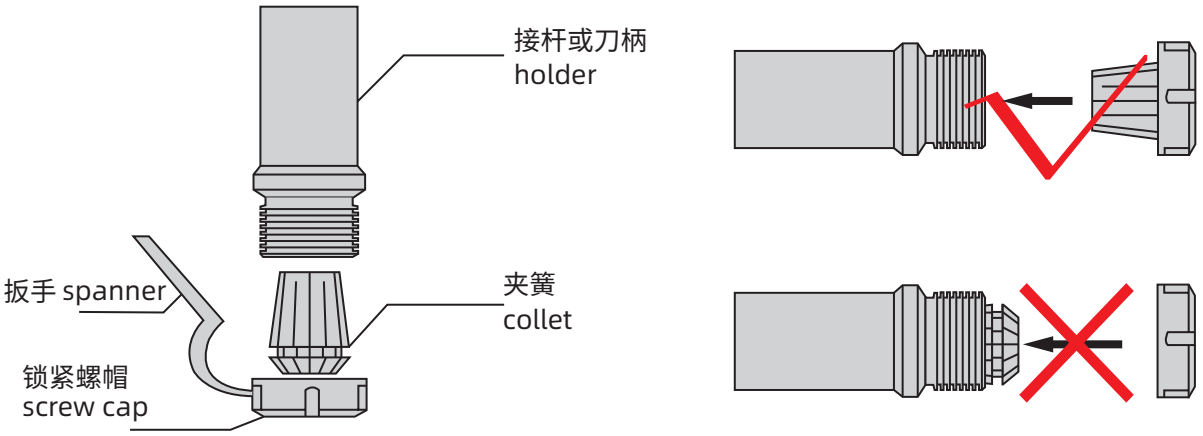
◎在安装弹簧夹头之前，必须先将夹簧装入锁紧螺母之中（如图所示），然后将装上夹簧的锁紧螺帽轻轻拧在接杆或是刀柄上，待装上刀具后即可用挺难手夹紧投入工作。

◎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:

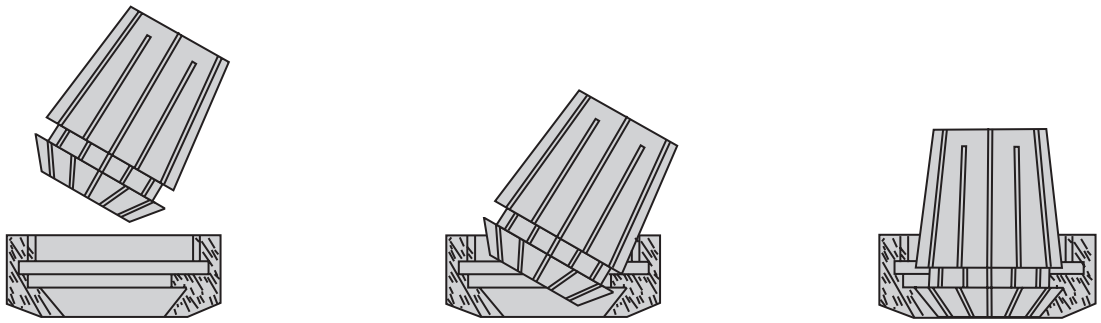
◎ Firstly should install collet into clamp nut then uses a wrench to lock it on tool holder before working.

◎ 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：

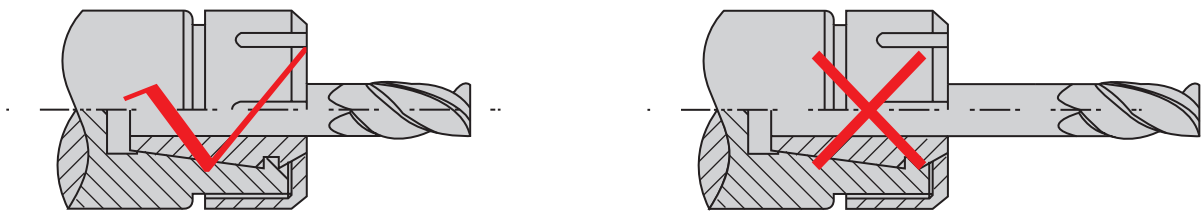
◎用弹簧夹头刀柄夹紧刀具进行切削加工时，一定要注意夹簧必须夹紧刀具，以免刀具在高速旋转中飞出伤人，出现安全事故。

◎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.

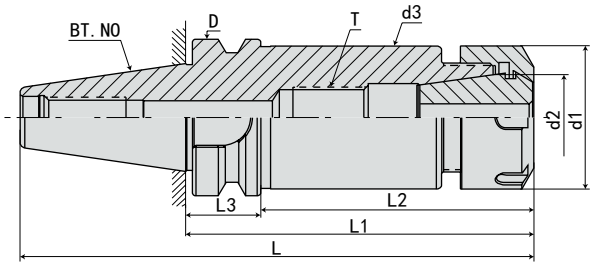


正确的夹紧方式
holding right

错误的夹紧方式
holding wrong

·BT30-ER 弹性筒夹刀柄 BT30-ER COLLET CHUCK





配 件 Accessories


» P.K27


» P.K07


» P.K29


» P.K19

扫描二维码观看产品视频

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
-ER11M-100	148.4	100	78	22	46	16	11	16	M8*1.0P	1-7mm	0.53
-ER16- 60	108.4	60	38	22	46	28	16	28	M10*1.0P	1-10mm	0.58
-100	148.4	100	78	22	46	28	16	28	M10*1.0P	1-10mm	0.7
-ER20- 60	108.4	60	38	22	46	34	20	34	M13*1.0P	1-13mm	0.63
-100	148.4	100	78	22	46	34	20	34	M13*1.0P	1-13mm	0.8
-150	198.4	150	128	22	46	34	20	34	M13*1.0P	1-13mm	1.5
-ER25- 60	108.4	60	38	22	46	42	25	42	M18*1.5P	1-16mm	0.61
-100	148.4	100	78	22	46	42	25	42	M18*1.5P	1-16mm	1
-150	198.4	150	128	22	46	42	25	42	M18*1.5P	1-16mm	1.5
-ER32- 60	108.4	60	38	22	46	50	32	50	M22*1.5P	2-20mm	0.7
-100	148.4	100	78	22	46	50	32	50	M22*1.5P	2-20mm	1
-150	198.4	150	128	22	46	50	32	50	M22*1.5P	2-20mm	1.55
-ER40- 80	128.4	80	58	22	46	63	40	63	M28*1.5P	2-26mm	1

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

规格说明:

BT30 - ER - 11M - 60

- 60 — L1 长度 Length (L1)
- 11M — 筒夹型号 Collect model
- ER — 筒夹种类 Collect type ER
- BT30 — 锥柄形式 Taper size

Features:

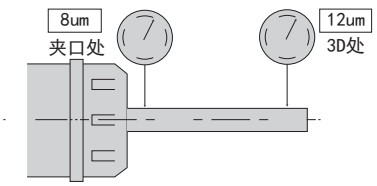
◎ Spindle conicity standard:JIS MAS 403 BT

◎ 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.

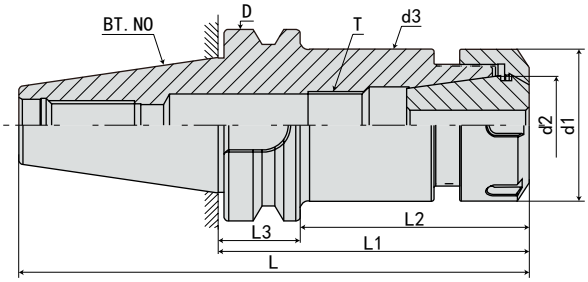
◎ The spanner、 pull stud chuck must purchase alone.



·BT40-ER 弹性筒夹刀柄 BT40-ER COLLET CHUCK



扫描二维码观看产品视频



配 件 Accessories


» P.K27


» P.K07


» P.K29


» P.K19

规 格 Model	L	L1	L2	L3	D	d1	d2	d3	T	夹持范围 Range	重量 KGS
BT40-ER11M- 70	135.4	70	43	27	63	16	11	16	M8*1.0P	1-7mm	1.15
-ER11M-100	165.4	100	73	27	63	16	11	16	M8*1.0P	1-7mm	1.2
-150	215.4	150	123	27	63	16	11	16	M8*1.0P	1-7mm	1.5
-ER16- 70	135.4	70	43	27	63	28	16	28	M10*1.0P	1-10mm	1.3
-100	165.4	100	73	27	63	28	16	28	M10*1.0P	1-10mm	1.3
-150	215.4	150	123	27	63	28	16	28	M10*1.0P	1-10mm	1.6
-200	265.4	200	173	27	63	28	16	28	M10*1.0P	1-10mm	1.7
-250	315.4	250	223	27	63	28	16	28	M10*1.0P	1-10mm	2
-300	365.4	300	273	27	63	28	16	28	M10*1.0P	1-10mm	2.3
-ER20- 70	135.4	70	43	27	63	34	20	34	M13*1.0P	1-13mm	1.2
-100	165.4	100	73	27	63	34	20	34	M13*1.0P	1-13mm	1.4
-150	215.4	150	123	27	63	34	20	34	M13*1.0P	1-13mm	1.7
-200	265.4	200	173	27	63	34	20	34	M13*1.0P	1-13mm	2
-250	315.4	250	223	27	63	34	20	34	M13*1.0P	1-13mm	2.1
-300	365.4	300	273	27	63	34	20	34	M13*1.0P	1-13mm	2.4
-ER25- 70	135.4	70	43	27	63	42	25	42	M18*1.5P	1-16mm	1.3
-100	165.4	100	73	27	63	42	25	42	M18*1.5P	1-16mm	1.6
-150	215.4	150	123	27	63	42	25	42	M18*1.5P	1-16mm	2.05
-200	265.4	200	173	27	63	42	25	42	M18*1.5P	1-16mm	2.5
-250	315.4	250	223	27	63	42	25	42	M18*1.5P	1-16mm	3.05
-300	365.4	300	273	27	63	42	25	42	M18*1.5P	1-16mm	3.55
-ER32- 70	135.4	70	43	27	63	50	32	50	M22*1.5P	2-20mm	1.4
-100	165.4	100	73	27	63	50	32	50	M22*1.5P	2-20mm	1.7
-150	215.4	150	123	27	63	50	32	50	M22*1.5P	2-20mm	2.4
-200	265.4	200	173	27	63	50	32	50	M22*1.5P	2-20mm	3.15
-250	315.4	250	223	27	63	50	32	50	M22*1.5P	2-20mm	4
-300	365.4	300	273	27	63	50	32	50	M22*1.5P	2-20mm	4.4
-ER40- 80	145.4	80	53	27	63	63	40	63	M28*1.5P	2-26mm	1.5
-100	165.4	100	73	27	63	63	40	63	M28*1.5P	2-26mm	2.1
-150	215.4	150	123	27	63	63	40	63	M28*1.5P	2-26mm	3.2
-200	265.4	200	173	27	63	63	40	63	M28*1.5P	2-26mm	3.3
-250	315.4	250	223	27	63	63	40	63	M28*1.5P	2-26mm	4.2
-300	365.4	300	273	27	63	63	40	63	M28*1.5P	2-26mm	4.5
-ER50- 100	165.4	100	43	27	63	78	50	78	M36*1.5P	6-34mm	1.15

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

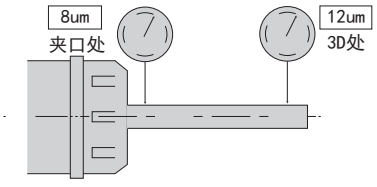
Features:

◎ 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.

规格说明:

BT40 - ER - 11M - 70

- 70 — L1 长度 Length (L1)
- 11M — 筒夹型号 Collect model
- ER — 筒夹种类 Collect type ER
- BT40 — 锥柄形式 Taper size



·BT50-ER 弹性筒夹刀柄 BT50-ER COLLET CHUCK

扫描二维码观看产品视频



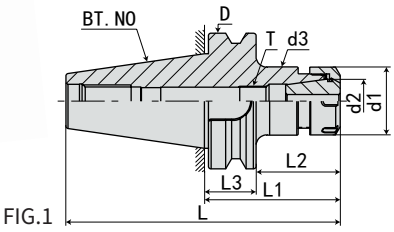


FIG.1

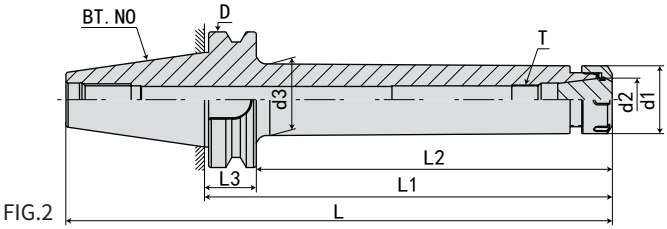


FIG.2

配 件 Accessories



» P.K27 » P.K07 » P.K29 » P.K19

规 格 Model	L	L1	L2	L3	D	d1	d2	d3	T	FIG	夹持范围 Range	重量 KGS
BT50-ER16- 80	171.8	80	42	38	100	28	16	28	M10*1.0P	1	1-10mm	3.7
-100	201.8	100	62	38	100	28	16	28	M10*1.0P	1	1-10mm	3.9
-150	251.8	150	112	38	100	28	16	28	M10*1.0P	1	1-10mm	4.2
-200	301.8	200	162	38	100	28	16	28	M10*1.0P	1	1-10mm	4.3
-250	351.8	250	212	38	100	28	16	31	M10*1.0P	2	1-10mm	4.7
-300	401.8	300	262	38	100	28	16	33	M10*1.0P	2	1-10mm	5.5
-350	451.8	350	312	38	100	28	16	35	M10*1.0P	2	1-10mm	6.3
-ER20- 80	181.8	80	42	38	100	34	20	34	M13*1.0P	1	1-13mm	3.8
-100	201.8	100	62	38	100	34	20	34	M13*1.0P	1	1-13mm	4
-150	251.8	150	112	38	100	34	20	34	M13*1.0P	1	1-13mm	4.3
-200	301.8	200	162	38	100	34	20	34	M13*1.0P	1	1-13mm	4.6
-250	351.8	250	212	38	100	34	20	37	M13*1.0P	2	1-13mm	5
-300	401.8	300	262	38	100	34	20	39	M13*1.0P	2	1-13mm	5.45
-350	451.8	350	312	38	100	34	20	41	M13*1.0P	2	1-13mm	5.1
-400	501.8	400	362	38	100	34	20	43	M13*1.0P	2	1-13mm	6.4
-ER25- 80	181.8	80	42	38	100	42	25	42	M18*1.5P	1	1-16mm	4
-100	201.8	100	62	38	100	42	25	42	M18*1.5P	1	1-16mm	4.1
-150	251.8	150	112	38	100	42	25	42	M18*1.5P	1	1-16mm	4.6
-200	301.8	200	162	38	100	42	25	42	M18*1.5P	1	1-16mm	5.1
-250	351.8	250	212	38	100	42	25	45	M18*1.5P	2	1-16mm	5.8
-300	401.8	300	262	38	100	42	25	47	M18*1.5P	2	1-16mm	6.2
-350	451.8	350	312	38	100	42	25	49	M18*1.5P	2	1-16mm	7
-400	501.8	400	362	38	100	42	25	51	M18*1.5P	2	1-16mm	7.8

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

规格说明:

BT50 - ER - 32 - 80

- 80 L1 长度 Length (L1)
- 32 筒夹型号 Collect model
- ER 筒夹种类 Collect type ER
- BT50 锥柄形式 Taper size

Features:

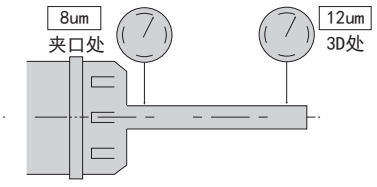
◎ Spindle conicity standard:JIS MAS 403 BT

◎ 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.



·BT50-ER 弹性筒夹刀柄 BT50-ER COLLET CHUCK

扫描二维码观看产品视频



FIG.1

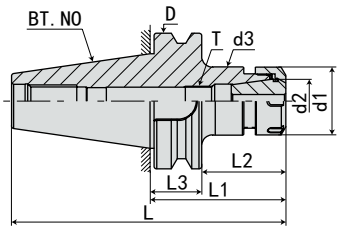
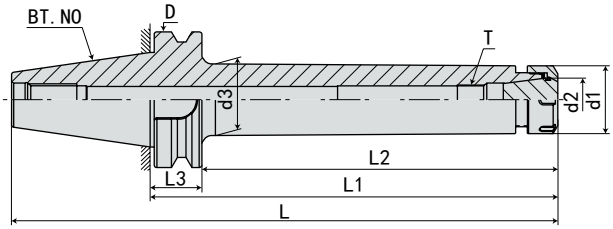


FIG.2



配 件 Accessories


» P.K27


» P.K07


» P.K29


» P.K19

规 格 Model	L	L1	L2	L3	D	d1	d2	d3	T	FIG	夹持范围 Range	重量 KGS
BT50-ER32- 80	181.8	80	42	38	100	50	32	50	M22*1.5P	1	2-20mm	3.9
-100	201.8	100	62	38	100	50	32	50	M22*1.5P	1	2-20mm	4.2
-150	251.8	150	112	38	100	50	32	50	M22*1.5P	1	2-20mm	4.9
-200	301.8	200	162	38	100	50	32	50	M22*1.5P	1	2-20mm	5.7
-250	351.8	250	212	38	100	50	32	50	M22*1.5P	1	2-20mm	6.5
-300	401.8	300	262	38	100	50	32	53	M22*1.5P	2	2-20mm	7.2
-350	451.8	350	312	38	100	50	32	54	M22*1.5P	2	2-20mm	8
-400	501.8	400	362	38	100	50	32	56	M22*1.5P	2	2-20mm	8.9
-450	551.8	450	412	38	100	50	32	58	M22*1.5P	2	2-20mm	11.5
-500	601.8	500	462	38	100	50	32	60	M22*1.5P	2	2-20mm	12.5
-550	651.8	550	512	38	100	50	32	65	M22*1.5P	2	2-20mm	15
-600	701.8	600	562	38	100	50	32	68	M22*1.5P	2	2-20mm	16
-ER40- 80	186.8	80	42	38	100	63	40	63	M28*1.5P	1	2-26mm	4.7
-100	201.8	100	62	38	100	63	40	63	M28*1.5P	1	2-26mm	5.2
-150	251.8	150	112	38	100	63	40	63	M28*1.5P	1	2-26mm	6.5
-200	301.8	200	162	38	100	63	40	63	M28*1.5P	1	2-26mm	7.5
-250	351.8	250	212	38	100	63	40	63	M28*1.5P	1	2-26mm	8.6
-300	401.8	300	262	38	100	63	40	66	M28*1.5P	2	2-26mm	9.8
-350	451.8	350	312	38	100	63	40	67	M28*1.5P	2	2-26mm	11.5
-400	501.8	400	362	38	100	63	40	70	M28*1.5P	2	2-26mm	13.5
-450	551.8	450	412	38	100	63	40	72	M28*1.5P	2	2-26mm	14
-500	601.8	500	462	38	100	63	40	73	M28*1.5P	2	2-26mm	16.5
-550	651.8	550	512	38	100	63	40	75	M28*1.5P	2	2-26mm	18.5
-600	701.8	600	562	38	100	63	40	78	M28*1.5P	2	2-26mm	21
-ER50-100	201.8	100	62	38	100	78	50	78	M36*1.5P	1	6-34mm	3.9
-150	251.8	150	112	38	100	78	50	78	M36*1.5P	1	6-34mm	6.2
-200	301.8	200	162	38	100	78	50	78	M36*1.5P	1	6-34mm	7.8

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

规格说明:

BT50 - ER - 32 - 80

- 80 — L1 长度 Length (L1)
- 32 — 筒夹型号 Collect model
- ER — 筒夹种类 Collect type ER
- BT50 — 锥柄形式 Taper size

Features:

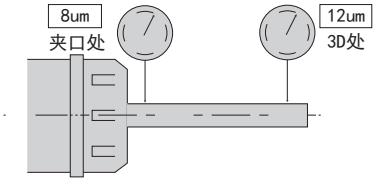
◎ Spindle conicity standard:JIS MAS 403 BT

◎ 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.

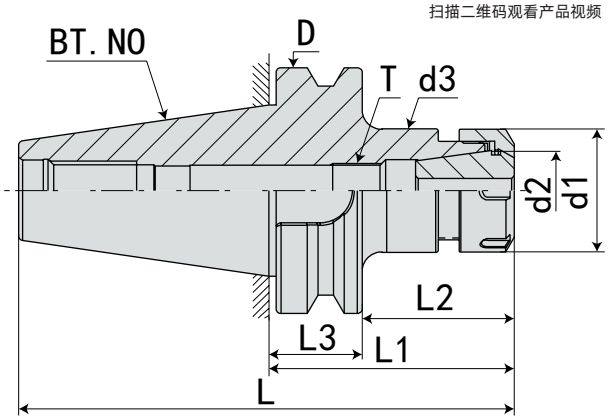
◎ The spanner、 pull stud chuck must purchase alone.



·BT60-ER 弹性筒夹刀柄 BT60-ER COLLET CHUCK

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配 件 Accessories

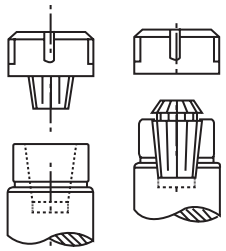

» P.K27


» P.K07

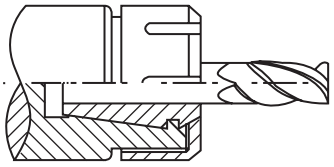

» P.K29

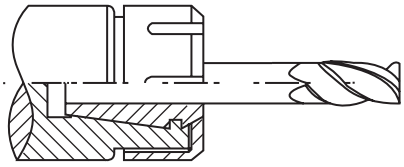

» P.K19

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
-150	311.8	150	102	48	155	50	32	50	2-20mm
-ER40-100	261.8	100	52	48	155	63	40	63	2-26mm
-150	311.8	150	102	48	155	63	40	63	2-26mm
-ER50-100	261.8	100	52	48	155	78	50	78	6-34mm
-150	311.8	150	102	48	155	78	50	78	6-34mm


√ 正确 right

× 错误 wrong


√ 正确的夹紧方式 holding right


× 错误的夹紧方式 holding wrong

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

BT60 - ER - 32 - 100

- 100 L1 长度 Length (L1)
- 32 筒夹型号 Collect model
- ER 筒夹种类 Collect type ER
- BT60 锥柄形式 Taper size

Features:

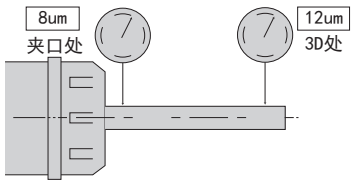
◎ Spindle conicity standard:JIS MAS 403 BT

◎ 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.

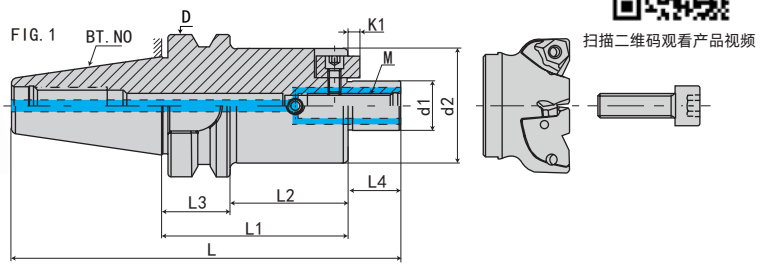


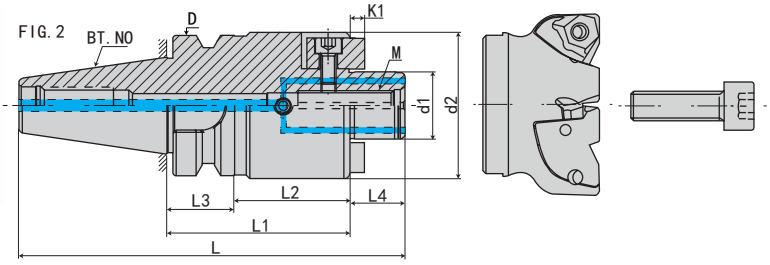
·BT30-FMB 平面铣刀柄 BT30-FMB FACE MILL ARBOR

扫描二维码观看产品视频









配 件 Accessories



» P.K19

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
-FMB22-45	111.4	45	23	22	18	46	22	48	4.8	10	M10*1.5P	2	0.75
-60	126.4	60	38	22	18	46	22	48	4.8	10	M10*1.5P	2	1.5
-FMB27-45	113.4	45	23	22	20	46	27	58	5.8	12	M12*1.75P	2	1.45
-60	128.4	60	38	22	20	46	27	58	5.8	12	M12*1.75P	2	1.45
-FMB32-45	115.4	45	23	22	22	46	32	63	6.8	14	M16*2.0P	2	1.5
-60	130.4	60	38	22	22	46	32	63	6.8	14	M16*2.0P	2	1.6
-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

规格说明：

BT30 - FMB - 16 - 60

- 60 — L1 长度 Length（L1）
- 16 — 接口直径 Bore diameter of cutter
- FMB — 功能代号 Face mill holder type B
- BT30 — 锥柄形式 Taper size

Features:

◎ Spindle conicity standard：JIS MAS 403 BT

◎ With water through design that reduces vibration and steady for cutting.

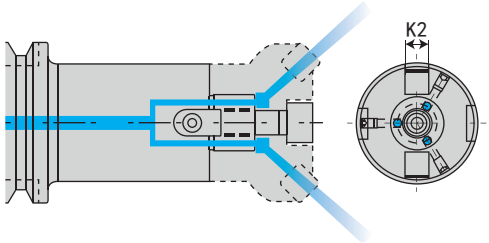
◎ Connecting part(d) designed for metric size.

◎ 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.

通过内冷，冷却液·空气直达刀尖



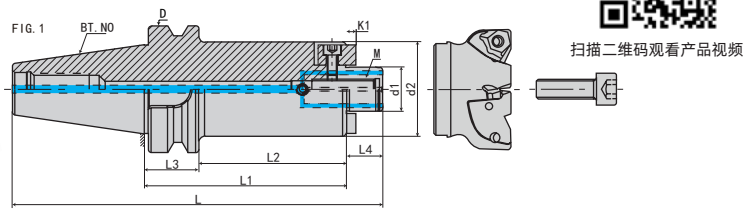
·BT40-FMB 平面铣刀柄

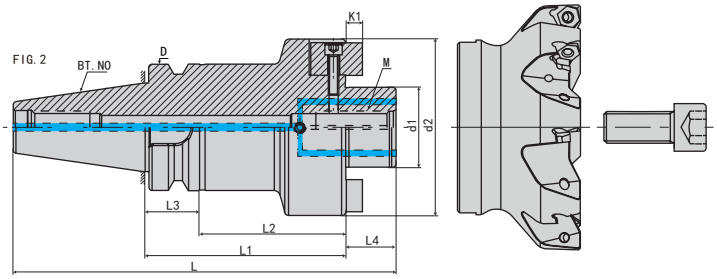
BT40-FMB FACE MILL ARBOR

扫描二维码观看产品视频









配 件 Accessories



» P.K19

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
-100	182.4	100	73	27	17	63	16	38	3.2	8	M8*1.25P	1	1.4
-FMB22- 60	143.4	60	33	27	18	63	22	48	4.8	10	M10*1.5P	1	1.5
-100	183.4	100	73	27	18	63	22	48	4.8	10	M10*1.5P	1	2.05
-150	233.4	150	123	27	18	63	22	48	4.8	10	M10*1.5P	1	2.75
-200	283.4	200	173	27	18	63	22	48	4.8	10	M10*1.5P	1	3.6
-250	333.4	250	223	27	18	63	22	48	4.8	10	M10*1.5P	1	4.25
-300	383.4	300	273	27	18	63	22	48	4.8	10	M10*1.5P	1	4.9
-350	433.4	350	323	27	18	63	22	48	4.8	10	M10*1.5P	1	5.65
-400	483.4	400	373	27	18	63	22	48	4.8	10	M10*1.5P	1	6.4
-450	533.4	450	423	27	18	63	22	48	4.8	10	M10*1.5P	1	7.15
-500	583.4	500	473	27	18	63	22	48	4.8	10	M10*1.5P	1	7.9
-FMB27- 60	145.4	60	33	27	20	63	27	58	5.8	12	M12*1.75P	1	2.35
-100	185.4	100	73	27	20	63	27	58	5.8	12	M12*1.75P	1	3.1
-150	235.4	150	123	27	20	63	27	58	5.8	12	M12*1.75P	1	3.9
-200	285.4	200	173	27	20	63	27	58	5.8	12	M12*1.75P	1	4.8
-250	335.4	250	223	27	20	63	27	58	5.8	12	M12*1.75P	1	5.7
-300	385.4	300	273	27	20	63	27	58	5.8	12	M12*1.75P	1	6.6
-FMB32- 60	147.4	60	33	27	22	63	32	63	6.8	14	M16*2.0P	2	1.9
-100	187.4	100	73	27	22	63	32	63	6.8	14	M16*2.0P	2	2.8
-150	237.4	150	123	27	22	63	32	63	6.8	14	M16*2.0P	2	3.6
-200	287.4	200	173	27	22	63	32	63	6.8	14	M16*2.0P	2	4.2
-FMB40- 60	150.4	60	33	27	25	63	40	74	8.3	16	M16*2.0P	2	2.8
-100	190.4	100	73	27	25	63	40	74	8.3	16	M16*2.0P	2	3.6
-150	240.4	150	123	27	25	63	40	74	8.3	16	M16*2.0P	2	4.9
-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

规格说明:

BT40 - FMB - 16 - 60

- 60 — L1 长度 Length (L1)
- 16 — 接口直径 Bore diameter of cutter
- FMB — 功能代号 Face mill holder type B
- BT40 — 锥柄形式 Taper size

Features:

◎ Spindle conicity standard：JIS MAS 403 BT

◎ With water through design that reduces vibration and steady for cutting.

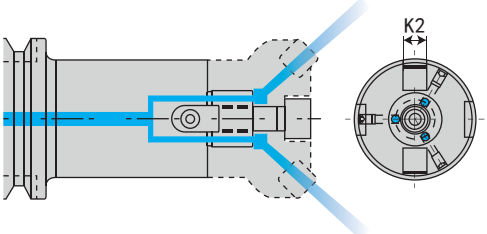
◎ Connecting part(d) designed for metric size.

◎ 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.

通过内冷，冷却液·空气直达刀尖

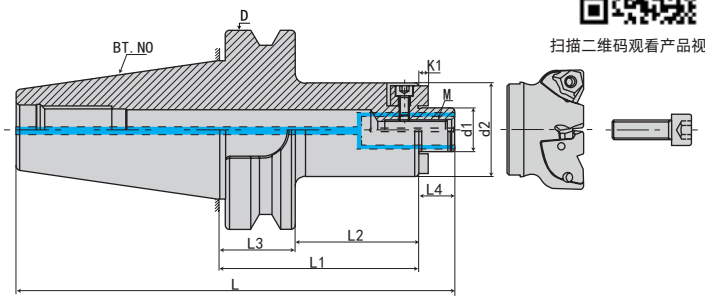


·BT50-FMB 平面铣刀柄

BT50-FMB FACE MILL ARBOR

扫描二维码观看产品视频





配 件 Accessories



» P.K19

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
-100	218.8	100	62	38	17	100	16	38	3.2	8	M8*1.25P	1	4.2
-150	268.8	150	112	38	17	100	16	38	3.2	8	M8*1.25P	1	4.5
-200	318.8	200	162	38	17	100	16	38	3.2	8	M8*1.25P	1	4.8
-FMB22- 60-D48	179.8	60	22	38	18	100	22	48	4.8	10	M10*1.5P	1	4.6
-100-D48	219.8	100	62	38	18	100	22	48	4.8	10	M10*1.5P	1	4.55
-150-D48	269.8	150	112	38	18	100	22	48	4.8	10	M10*1.5P	1	5.25
-200-D48	319.8	200	162	38	18	100	22	48	4.8	10	M10*1.5P	1	6
-250-D48	369.8	250	212	38	18	100	22	48	4.8	10	M10*1.5P	1	7
-300-D48	419.8	300	262	38	18	100	22	48	4.8	10	M10*1.5P	1	7.7
-350-D48	469.8	350	312	38	18	100	22	48	4.8	10	M10*1.5P	1	8.4
-400-D48	519.8	400	362	38	18	100	22	48	4.8	10	M10*1.5P	1	9.2
-450-D48	569.8	450	412	38	18	100	22	48	4.8	10	M10*1.5P	1	10
-500-D48	619.8	500	462	38	18	100	22	48	4.8	10	M10*1.5P	1	11.2
-FMB22- 45-D60	164.8	45	7	38	18	100	22	60	4.8	10	M10*1.5P	1	4.0
- 60-D60	179.8	60	22	38	18	100	22	60	4.8	10	M10*1.5P	1	4.8
-100-D60	219.8	100	62	38	18	100	22	60	4.8	10	M10*1.5P	1	5.9
-150-D60	269.8	150	112	38	18	100	22	60	4.8	10	M10*1.5P	1	5.9
-200-D60	319.8	200	162	38	18	100	22	60	4.8	10	M10*1.5P	1	7.05
-250-D60	369.8	250	212	38	18	100	22	60	4.8	10	M10*1.5P	1	8.4
-300-D60	419.8	300	262	38	18	100	22	60	4.8	10	M10*1.5P	1	9.45
-350-D62	469.8	350	312	38	18	100	22	62-58	4.8	10	M10*1.5P	1	10.5
-400-D62	519.8	400	362	38	18	100	22	62-58	4.8	10	M10*1.5P	1	12
-450-D62	569.8	450	412	38	18	100	22	62-58	4.8	10	M10*1.5P	1	13.25
-500-D62	619.8	500	462	38	18	100	22	62-58	4.8	10	M10*1.5P	1	15.6
-550-D62	669.8	550	512	38	18	100	22	62-58	4.8	10	M10*1.5P	1	16.95
-600-D62	719.8	600	562	38	18	100	22	62-58	4.8	10	M10*1.5P	1	18
-650-D62	769.8	650	612	38	18	100	22	62-58	4.8	10	M10*1.5P	1	22
-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

规格说明:

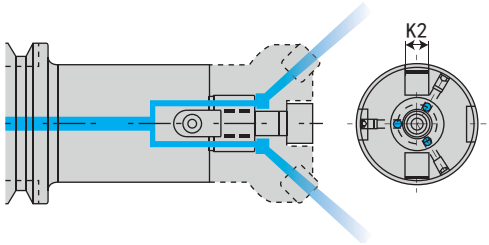
BT50 - FMB - 16 - 60

- 60 L1 长度 Length (L1)
- 16 接口直径 Bore diameter of cutter
- FMB 功能代号 Face mill holder type B
- BT50 锥柄形式 Taper size

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.

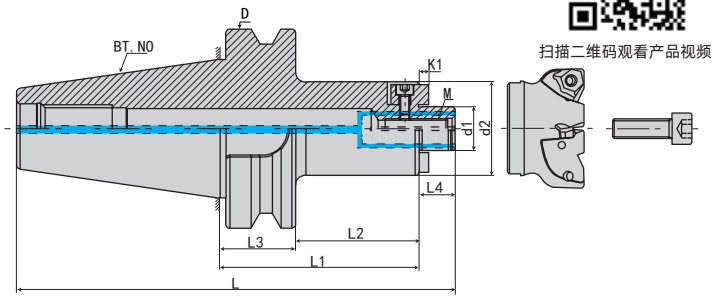
通过内冷，冷却液·空气直达刀尖



·BT50-FMB 平面铣刀柄

BT50-FMB FACE MILL ARBOR





扫描二维码观看产品视频

配 件 Accessories



» P.K19

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
- 60	181.8	60	22	38	20	100	27	60	5.8	12	M12*1.75P	4.5
-100	221.8	100	62	38	20	100	27	60	5.8	12	M12*1.75P	4.8
-150	271.8	150	112	38	20	100	27	60	5.8	12	M12*1.75P	6.05
-200	321.8	200	162	38	20	100	27	60	5.8	12	M12*1.75P	6.9
-250	371.8	250	212	38	20	100	27	60	5.8	12	M12*1.75P	8.4
-300	421.8	300	262	38	20	100	27	60	5.8	12	M12*1.75P	9.5
-350	471.8	350	312	38	20	100	27	62	5.8	12	M12*1.75P	10.5
-400	521.8	400	362	38	20	100	27	62	5.8	12	M12*1.75P	12
-450	571.8	450	412	38	20	100	27	62	5.8	12	M12*1.75P	13.5
-500	621.8	500	462	38	20	100	27	62	5.8	12	M12*1.75P	15
-550	671.8	550	512	38	20	100	27	62	5.8	12	M12*1.75P	16.5
-600	721.8	600	562	38	20	100	27	62	5.8	12	M12*1.75P	18
-FMB32- 60	183.8	60	22	38	22	100	32	70	6.8	14	M16*2.0P	4.65
-100	223.8	100	62	38	22	100	32	70	6.8	14	M16*2.0P	5.6
-150	273.8	150	112	38	22	100	32	70	6.8	14	M16*2.0P	7.85
-200	323.8	200	162	38	22	100	32	70	6.8	14	M16*2.0P	9.75
-250	373.8	250	212	38	22	100	32	70	6.8	14	M16*2.0P	12
-300	423.8	300	262	38	22	100	32	70	6.8	14	M16*2.0P	15
-350	473.8	350	312	38	22	100	32	70	6.8	14	M16*2.0P	16.5
-400	523.8	400	362	38	22	100	32	70	6.8	14	M16*2.0P	18
-450	573.8	450	412	38	22	100	32	70	6.8	14	M16*2.0P	18.5
-500	623.8	500	462	38	22	100	32	70	6.8	14	M16*2.0P	20
-FMB40- 60	186.8	60	22	38	25	100	40	80	8.3	16	M16*2.0P	5.5
-100	226.8	100	62	38	25	100	40	80	8.3	16	M16*2.0P	6.7
-150	276.8	150	112	38	25	100	40	80	8.3	16	M16*2.0P	7.5
-200	326.8	200	162	38	25	100	40	80	8.3	16	M16*2.0P	10.75
-250	376.8	250	212	38	25	100	40	80	8.3	16	M16*2.0P	12.75
-300	426.8	300	262	38	25	100	40	80	8.3	16	M16*2.0P	14.75
-350	476.8	350	312	38	25	100	40	80	8.3	16	M16*2.0P	16.75
-400	526.8	400	362	38	25	100	40	80	8.3	16	M16*2.0P	18.75
-450	576.8	450	412	38	25	100	40	80	8.3	16	M16*2.0P	20.8
-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

规格说明:

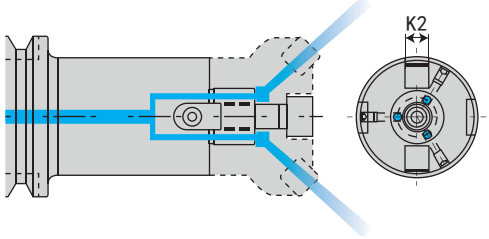
BT50 - FMB - 27 - 45

- 45 — L1 长度 Length (L1)
- 27 — 接口直径 Bore diameter of cutter
- FMB — 功能代号 Face mill holder type B
- BT50 — 锥柄形式 Taper size

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.

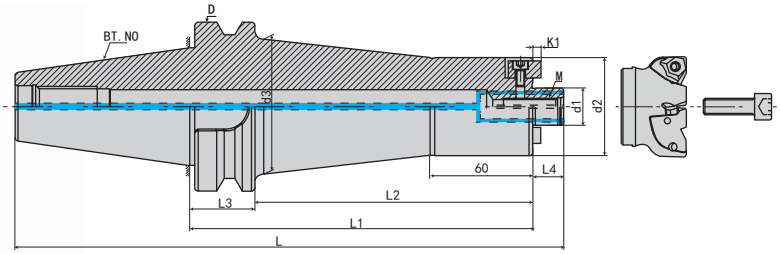
通过内冷，冷却液·空气直达刀尖



·BT-FMB 平面铣刀柄（加长斜度柄）

BT-FMB FACE MILL ARBOR (EXTENSION TYPE)





配 件 Accessories



» P.K19

扫描二维码观看产品视频

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	
-250BG	333.4	250	223	27	18	63	22	48	60	4.8	10	M10*1.5P	
-300BG	383.4	300	273	27	18	63	22	48	60	4.8	10	M10*1.5P	
-350BG	433.4	350	323	27	18	63	22	48	60	4.8	10	M10*1.5P	
-400BG	483.4	400	373	27	18	63	22	48	60	4.8	10	M10*1.5P	
-450BG	533.4	450	423	27	18	63	22	48	60	4.8	10	M10*1.5P	
-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
-250BG	369.8	250	212	38	18	100	22	58	80	4.8	10	M10*1.5P	10
-300BG	419.8	300	262	38	18	100	22	58	80	4.8	10	M10*1.5P	11
-350BG	469.8	350	312	38	18	100	22	58	80	4.8	10	M10*1.5P	
-400BG	519.8	400	362	38	18	100	22	58	80	4.8	10	M10*1.5P	14.5
-450BG	569.8	450	412	38	18	100	22	58	80	4.8	10	M10*1.5P	17
-500BG	619.8	500	462	38	18	100	22	58	80	4.8	10	M10*1.5P	17.4
-550BG	669.8	550	512	38	18	100	22	58	80	4.8	10	M10*1.5P	19
-600BG	719.8	600	562	38	18	100	22	58	80	4.8	10	M10*1.5P	20.5
-650BG	769.8	650	612	38	18	100	22	58	80	4.8	10	M10*1.5P	
-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	
-250BG	371.8	250	212	38	20	100	27	60	80	5.8	12	M12*1.75P	
-300BG	421.8	300	262	38	20	100	27	60	80	5.8	12	M12*1.75P	
-350BG	471.8	350	312	38	20	100	27	60	80	5.8	12	M12*1.75P	
-400BG	521.8	400	362	38	20	100	27	60	80	5.8	12	M12*1.75P	
-450BG	571.8	450	412	38	20	100	27	60	80	5.8	12	M12*1.75P	
-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

规格说明：

BT40 - FMB - 22 - 200BG

- 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 Taper size

Features:

◎ Spindle conicity standard：JIS MAS 403 BT

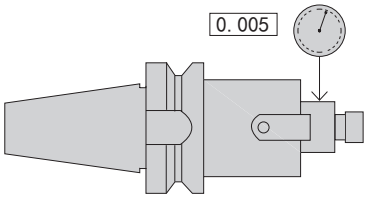
◎ With water through design that reduces vibration and steady for cutting.

◎ Connecting part(d) designed for metric size.

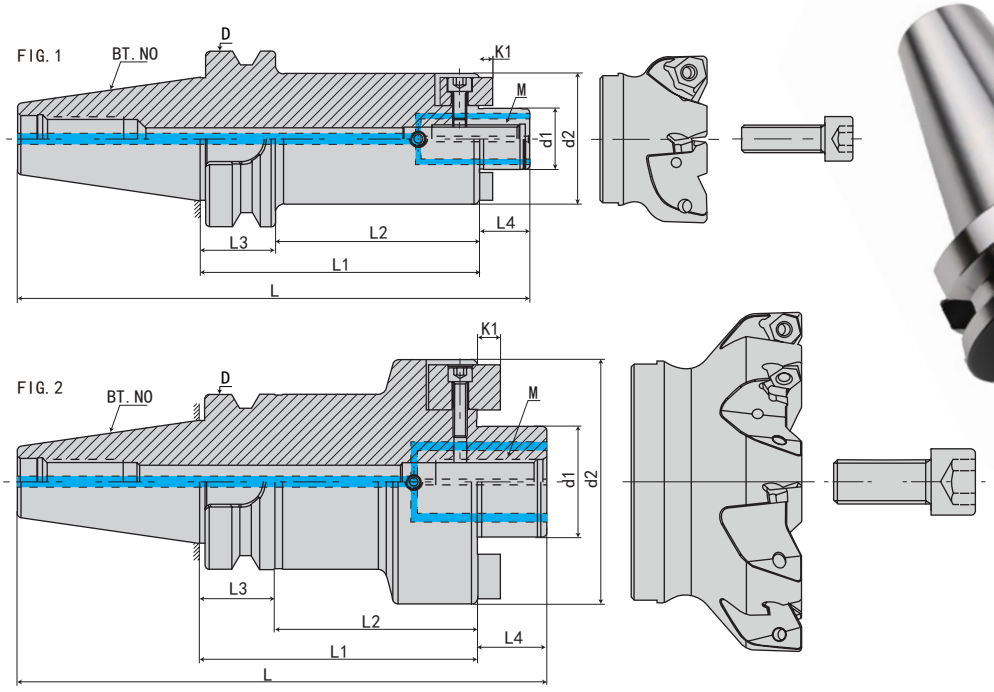
◎ Tool holders with BT shank for face mill chuck, Face mill holders equipped with screws and drive keys to assemble the mill cutter to holder.

◎ Can be made upon requested dimensions.

◎ The pull stud must purchase alone.



·BT60-FMB 平面铣刀柄 BT60-FMB FACE MILL ARBOR





配 件 Accessories



» P.K19

扫描二维码观看产品视频

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
-150	329.8	150	92	48	18	155	22	48-58	4.8	10	1	M10*1.5P
-FMB27-100	281.8	100	52	48	20	155	27	58	5.8	12	1	M12*1.75P
-FMB32-100	283.8	100	52	48	22	155	32	65	6.8	14	1	M16*2.0P
-FMB40-100	286.8	100	52	48	25	155	40	80	8.3	16	1	M16*2.0P
-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

BT60 - FMB - 22 - 100

- 100 — L1 长度 Length（L1）
- 22 — 接口直径 Bore diameter of cutter
- FMB — 功能代号 Face mill holder type B
- BT60 — 锥柄形式 Taper size

Features:

◎ Spindle conicity standard：JIS MAS 403 BT

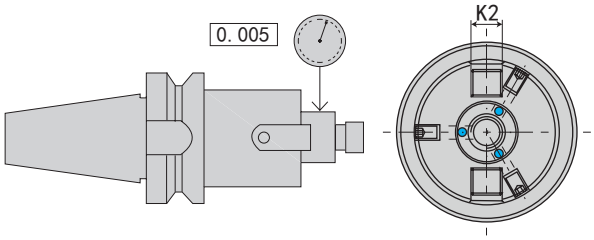
◎ With water through design that reduces vibration and steady for cutting.

◎ 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.

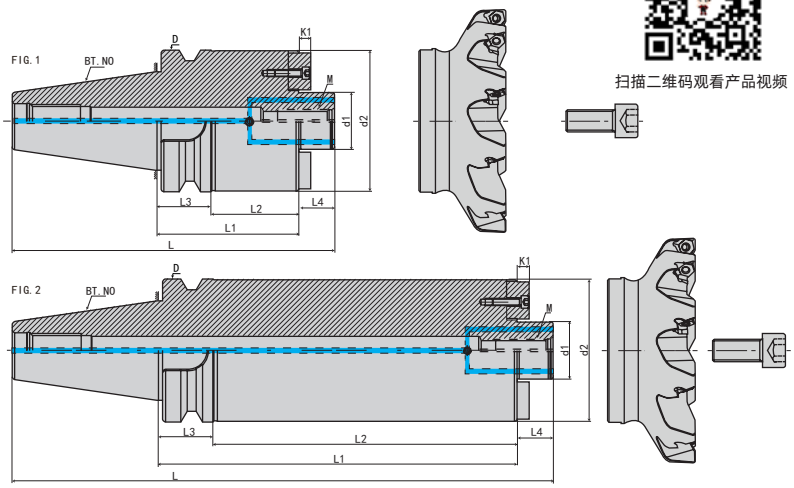
◎ The pull stud must purchase alone.



·BT-FMB 平面铣刀柄 BT-FMB FACE MILL ARBOR



扫描二维码观看产品视频



配 件 Accessories



» P.K19

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
-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
-100(四螺孔)	226.8	100	62	38	25	100	40	99	8.3	16	66.7	1	6.7
-150(四螺孔)	276.8	150	112	38	25	100	40	99	8.3	16	66.7	2	7.5
-200(四螺孔)	326.8	200	162	38	25	100	40	99	8.3	16	66.7	2	10.75
-250(四螺孔)	376.8	250	212	38	25	100	40	99	8.3	16	66.7	2	14
-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
-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.

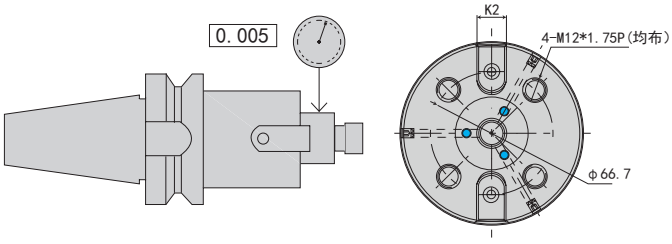
◎ Can be made upon requested dimensions.

◎ The pull stud must purchase alone.

规格说明:

BT40 - FMB - 40F - 60（四螺孔）

- 60 — L1 长度 Length (L1)
- 40F — 接口直径 Bore diameter of cutter
- FMB — 功能代号 Face mill holder type B
- BT40 — 锥柄形式 Taper size



·BT-FMB 平面铣刀柄 BT-FMB FACE MILL ARBOR

扫描二维码观看产品视频





配 件 Accessories

» P.K19

FIG. 1

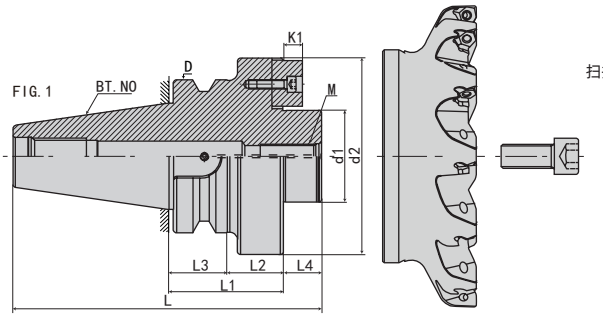
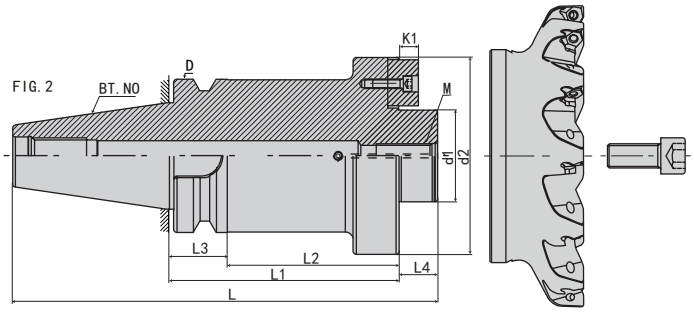


FIG. 2



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
-100	226.8	100	62	38	25	100	60	128.5	12.5	25.4	101.6	1	10
-150	276.8	150	112	38	25	100	60	128.5	12.5	25.4	101.6	2	13.5
-200	326.8	200	162	38	25	100	60	128.5	12.5	25.4	101.6	2	16
-250	376.8	250	212	38	25	100	60	128.5	12.5	25.4	101.6	2	19
-300	426.8	300	262	38	25	100	60	128.5	12.5	25.4	101.6	2	24
-350	476.8	350	312	38	25	100	60	128.5	12.5	25.4	101.6	2	28
-400	526.8	400	362	38	25	100	60	128.5	12.5	25.4	101.6	2	32
-450	576.8	450	412	38	25	100	60	128.5	12.5	25.4	101.6	2	36
-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

◎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.

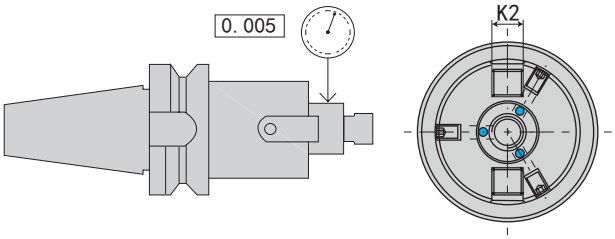
◎ Can be made upon requested dimensions.

◎ The pull stud must purchase alone.

规格说明:

BT40 - FMB - 60 - 75

- 75 L1 长度 Length (L1)
- 60 接口直径 Bore diameter of cutter
- FMB 功能代号 Face mill holder type B
- BT40 锥柄形式 Taper size



·BT-FMA 平面铣刀柄 BT-FMA FACE MILL ARBOR



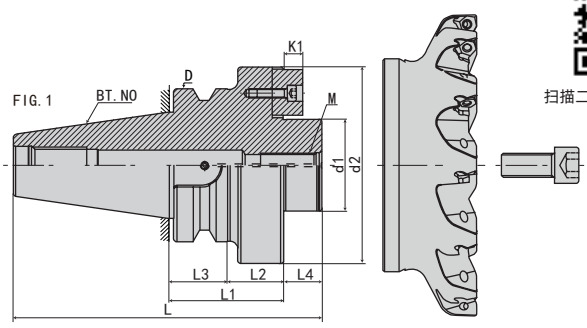


配 件 Accessories



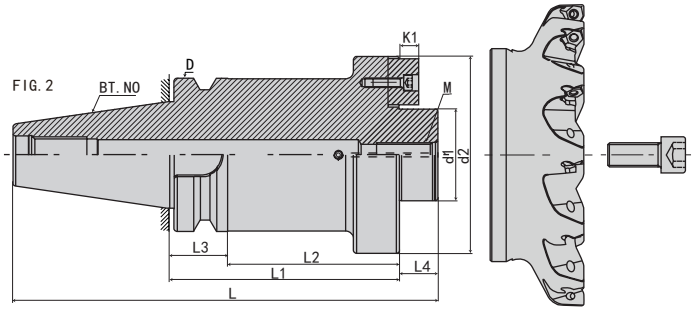
» P.K19

FIG. 1



扫描二维码观看产品视频

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
-100	233.8	100	62	38	25	100	47.625	128.5	12.5	25.4	101.6	1	10
-150	283.8	150	112	38	25	100	47.625	128.5	12.5	25.4	101.6	2	13.5
-200	333.8	200	162	38	25	100	47.625	128.5	12.5	25.4	101.6	2	16
-250	383.8	250	212	38	25	100	47.625	128.5	12.5	25.4	101.6	2	19
-300	433.8	300	262	38	25	100	47.625	128.5	12.5	25.4	101.6	2	24
-350	483.8	350	312	38	25	100	47.625	128.5	12.5	25.4	101.6	2	28
-400	533.8	400	362	38	25	100	47.625	128.5	12.5	25.4	101.6	2	32
-450	583.8	450	412	38	25	100	47.625	128.5	12.5	25.4	101.6	2	36
-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

◎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.

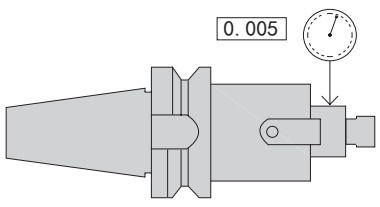
◎ Can be made upon requested dimensions.

◎ The pull stud must purchase alone.

规格说明:

BT40 - FMA - 47.625 - 75

- 75 — L1 长度 Length（L1）
- 47.625 — 接口直径 Bore diameter of cutter
- FMA — 功能代号 Face mill holder type A
- BT40 — 锥柄形式 Taper size



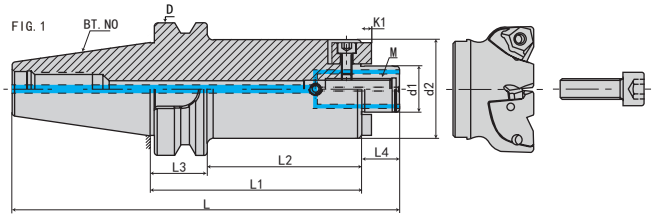
·BT-FMA 平面铣刀柄　BT FMA FACE MILL ARBOR

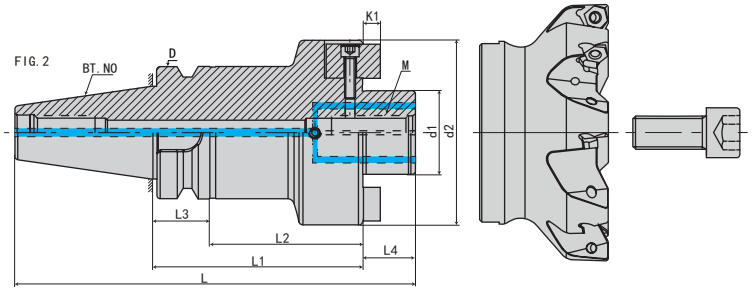






» P.K19





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
- 60	128.4	60	38	22	20	46	25.4	50	4.52	9.52	1	1.3
- FMA31.75- 45	115.4	45	23	22	22	46	31.75	60	6.7	12.7	1	1.35
- 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
-100	185.4	100	73	27	20	63	25.4	50	4.52	9.52	1	2.05
-150	235.4	150	123	27	20	63	25.4	50	4.52	9.52	1	2.75
-200	285.4	200	173	27	20	63	25.4	50	4.52	9.52	1	3.6
- FMA31.75- 60	147.4	60	33	27	22	63	31.75	60	6.7	12.7	1	2.05
-100	187.4	100	73	27	22	63	31.75	60	6.7	12.7	1	2.9
-150	237.4	150	123	27	22	63	31.75	60	6.7	12.7	1	4.1
- FMA38.10- 60	150.4	60	33	27	25	63	38.1	75	8.87	15.87	2	2.1
-100	190.4	100	73	27	25	63	38.1	75	8.87	15.87	2	2.95
- 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.

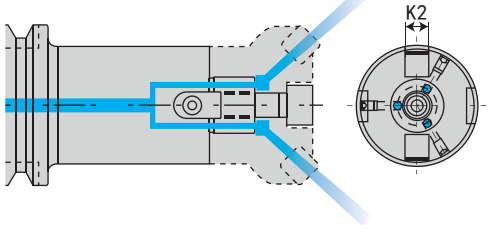
◎ The pull stud must purchase alone.

规格说明:

BT30 - FMA - 25.4 - 45

- 45 — L1 长度 Length (L1)
- 25.4 — 接口直径 Bore diameter of cutter
- FMA — 功能代号 Face mill holder type A
- BT30 — 锥柄形式 Taper size

通过内冷，冷却液·空气直达刀尖

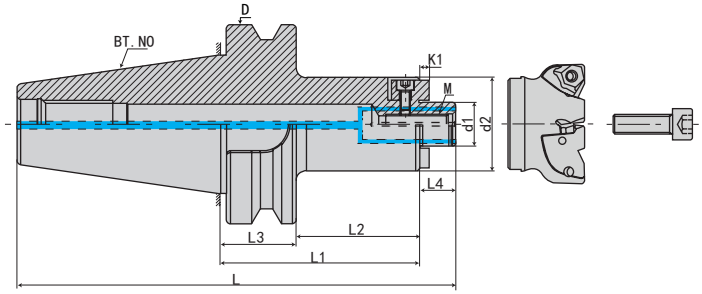


·BT50-FMA 平面铣刀柄 BT50-FMA FACE MILL ARBOR



配 件 Accessories

» P.K19



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
-100	221.8	100	62	38	20	100	25.4	50	4.52	9.52	4.8
-150	271.8	150	112	38	20	100	25.4	50	4.52	9.52	6.05
-200	321.8	200	162	38	20	100	25.4	50	4.52	9.52	6.9
-250	371.8	250	212	38	20	100	25.4	50	4.52	9.52	8.4
-300	421.8	300	262	38	20	100	25.4	50	4.52	9.52	9.5
-350	471.8	350	312	38	20	100	25.4	50	4.52	9.52	10.5
-400	521.8	400	362	38	20	100	25.4	50	4.52	9.52	12
-450	571.8	450	412	38	20	100	25.4	50	4.52	9.52	13.5
-500	621.8	500	462	38	20	100	25.4	50	4.52	9.52	15
-FMA31.75 -60	183.8	60	22	38	22	100	31.75	60	6.7	12.7	4.65
-100	223.8	100	62	38	22	100	31.75	60	6.7	12.7	5.6
-150	273.8	150	112	38	22	100	31.75	60	6.7	12.7	7.85
-200	323.8	200	162	38	22	100	31.75	60	6.7	12.7	9.75
-250	373.8	250	212	38	22	100	31.75	60	6.7	12.7	12
-300	423.8	300	262	38	22	100	31.75	60	6.7	12.7	15
-350	473.8	350	312	38	22	100	31.75	60	6.7	12.7	18
-FMA38.10- 60	186.8	60	22	38	25	100	38.1	75	8.87	15.87	5.5
-100	226.8	100	62	38	25	100	38.1	75	8.87	15.87	6.7
-150	276.8	150	112	38	25	100	38.1	75	8.87	15.87	7.5
-200	326.8	200	162	38	25	100	38.1	75	8.87	15.87	10.75
-FMA50.80- 75	212.8	75	37	38	36	100	50.8	98	9.75	19.05	6.4
-100	237.8	100	62	38	36	100	50.8	98	9.75	19.05	7
-150	287.8	150	112	38	36	100	50.8	98	9.75	19.05	8.2
-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

规格说明:

BT50 - FMA - 25.4 - 60

- 60 — L1 长度 Length（L1）
- 25.4 — 接口直径 Bore diameter of cutter
- FMA — 功能代号 Face mill holder type A
- BT50 — 锥柄形式 Taper size

Features:

◎ Spindle conicity standard：JIS MAS 403 BT

◎ With water through design that reduces vibration and steady for cutting.

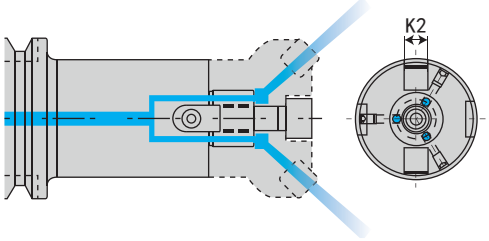
◎ Connecting part(d) designed for metric size.

◎ 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.

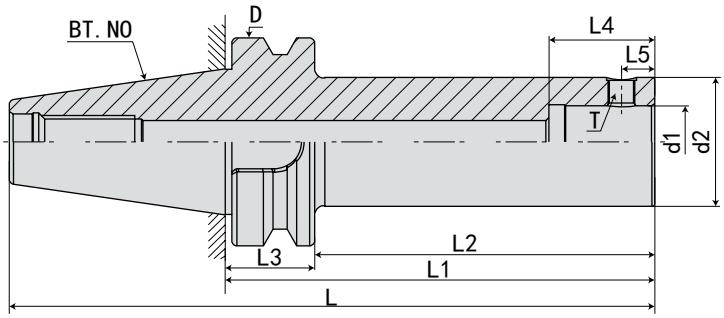
◎ The pull stud must purchase alone.

通过内冷，冷却液·空气直达刀尖



·BT30-LBK 镗头刀柄 BT30-LBK BORING HEAD SHANK





配 件 Accessories



» P.K19

扫描二维码观看产品视频

规 格 Model	L	L1	L2	L3	L4	L5	D	d2	d1	侧边螺丝 Screw	重量 KGS
BT30-LBK1-55	103.4	55	33	22	30	5.05	46	19	11	M4*0.5P	0.7
-70	118.4	70	48	22	30	5.05	46	19	11	M4*0.5P	0.7
-LBK2-80	128.4	80	58	22	31	6.62	46	24	14	M5*0.5P	0.8
-LBK3-80	128.4	80	58	22	35	8	46	31	18	M6*0.75P	0.9
-LBK4-70	118.4	70	48	22	39	10	46	39	22	M8*0.75P	1.0
-LBK5-60	108.4	60	38	22	45	13	46	50	28	M10*1.0P	1.1
-LBK6-60	108.4	60	38	22	55	16	46	63	36	M12*1.0P	1.2

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.

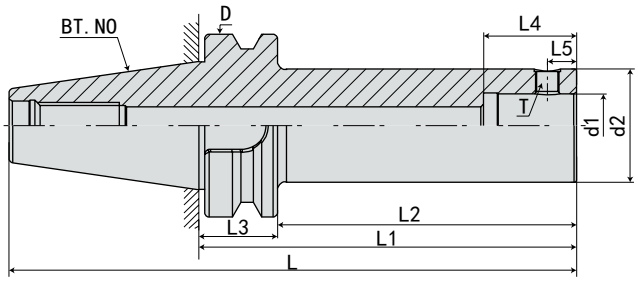
规格说明:

BT30 - LBK - 1 - 55

- 55 L1 长度 Length (L1)
- 1 接口锥度 Taper No. of cutter
- LBK 功能代号 Face mill holder type
- BT30 锥柄形式 Taper size

·BT40-LBK 镗头刀柄 BT40-LBK BORING HEAD SHANK





配 件 Accessories



» P.K19

扫描二维码观看产品视频

规 格 Model	L	L1	L2	L3	L4	L5	D	d2	d1	侧边螺丝 Screw	重量 KGS
BT40-LBK1- 75	140.4	75	48	27	30	5.05	63	19	11	M4*0.5P	1
-105	170.4	105	78	27	30	5.05	63	19	11	M4*0.5P	1.2
-LBK2- 85	150.4	85	58	27	31	6.62	63	24	14	M5*0.5P	1.2
-115	180.4	115	88	27	31	6.62	63	24	14	M5*0.5P	1.3
-165	230.4	165	138	27	31	6.62	63	24	14	M5*0.5P	1.4
-200	265.4	200	173	27	31	6.62	63	24	14	M5*0.5P	1.55
-LBK3- 95	160.4	95	68	27	35	8	63	31	18	M6*0.75P	1.3
-125	190.4	125	98	27	35	8	63	31	18	M6*0.75P	1.2
-155	220.4	155	128	27	35	8	63	31	18	M6*0.75P	1.6
-185	250.4	185	158	27	35	8	63	31	18	M6*0.75P	1.7
-205	270.4	205	178	27	35	8	63	31	18	M6*0.75P	1.8
-LBK4- 85	150.4	85	58	27	39	10	63	39	22	M8*0.75P	1.45
-130	195.4	130	103	27	39	10	63	39	22	M8*0.75P	1.5
-175	240.4	175	148	27	39	10	63	39	22	M8*0.75P	2.1
-205	270.4	205	178	27	39	10	63	39	22	M8*0.75P	2.2
-250	315.4	250	223	27	39	10	63	39	22	M8*0.75P	2.3
-300	365.4	300	273	27	39	10	63	39	22	M8*0.75P	2.4
-LBK5- 75	140.4	75	48	27	45	13	63	50	28	M10*1.0P	1.7
-125	190.4	125	98	27	45	13	63	50	28	M10*1.0P	1.95
-175	240.4	175	148	27	45	13	63	50	28	M10*1.0P	3
-205	270.4	205	178	27	45	13	63	50	28	M10*1.0P	3.2
-250	315.4	250	223	27	45	13	63	50	28	M10*1.0P	3.5
-LBK6- 65	130.4	65	38	27	55	16	63	63	36	M12*1.0P	2.15
-115	180.4	115	88	27	55	16	63	63	36	M12*1.0P	3.5
-165	230.4	165	138	27	55	16	63	63	36	M12*1.0P	3.85
-205	270.4	205	178	27	55	16	63	63	36	M12*1.0P	4.1
-250	315.4	250	223	27	55	16	63	63	36	M12*1.0P	4.4
-300	365.4	300	273	27	55	16	63	63	36	M12*1.0P	4.7

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.

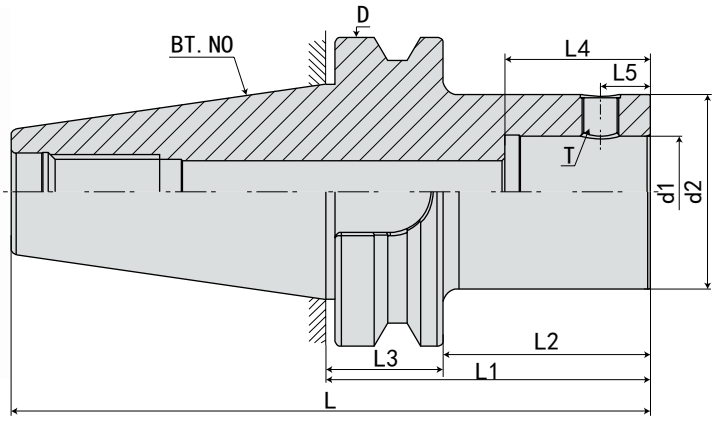
规格说明:

BT40 - LBK - 1 - 75

- 75 L1 长度 Length (L1)
- 1 接口锥度 Taper No. of cutter
- LBK 功能代号 Face mill holder type
- BT40 锥柄形式 Taper size

·BT50-LBK 镗头刀柄 BT50-LBK BORING HEAD SHANK





配 件 Accessories



» P.K19

扫描二维码观看产品视频

规 格 Model	L	L1	L2	L3	L4	L5	D	d2	d1	侧边螺丝 Screw	重量 KGS
BT50-LBK1- 90	191.8	90	52	38	30	5.05	100	19	11	M4*0.5P	3.7
-115	216.8	115	77	38	30	5.05	100	19	11	M4*0.5P	3.9
-145	246.8	145	107	38	30	5.05	100	19	11	M4*0.5P	4.4
-175	276.8	175	137	38	30	5.05	100	19	11	M4*0.5P	4.5
-205	306.8	205	167	38	30	5.05	100	19	11	M4*0.5P	5
-LBK2- 90	191.8	90	52	38	31	6.62	100	24	14	M5*0.5P	3.8
-110	211.8	110	72	38	31	6.62	100	24	14	M5*0.5P	4
-140	241.8	140	102	38	31	6.62	100	24	14	M5*0.5P	4.3
-175	276.8	175	137	38	31	6.62	100	24	14	M5*0.5P	4.6
-205	306.8	205	167	38	31	6.62	100	24	14	M5*0.5P	4.9
-LBK3- 90	191.8	90	52	38	35	8	100	31	18	M6*0.75P	4.4
-125	226.8	125	87	38	35	8	100	31	18	M6*0.75P	4.4
-155	256.8	155	117	38	35	8	100	31	18	M6*0.75P	4.6
-185	286.8	185	147	38	35	8	100	31	18	M6*0.75P	4.4
-215	316.8	215	177	38	35	8	100	31	18	M6*0.75P	4.65
-LBK4- 90	191.8	90	52	38	39	10	100	39	22	M6*0.75P	4.6
-115	216.8	115	77	38	39	10	100	39	22	M8*0.75P	4.8
-145	246.8	145	107	38	39	10	100	39	22	M8*0.75P	5.2
-175	276.8	175	137	38	39	10	100	39	22	M8*0.75P	4.6
-205	306.8	205	167	38	39	10	100	39	22	M8*0.75P	4.85
-250	351.8	250	212	38	39	10	100	39	22	M8*0.75P	5.2
-300	401.8	300	262	38	39	10	100	39	22	M8*0.75P	5.5
-350	451.8	350	312	38	39	10	100	39	22	M8*0.75P	5.8

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

规格说明:

BT50 - LBK - 1 - 90

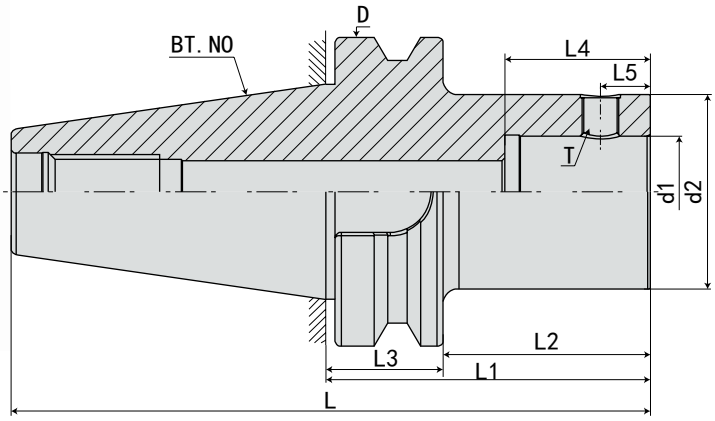
- 90 — L1 长度 Length (L1)
- 1 — 接口锥度 Taper No. of cutter
- LBK — 功能代号 Holder type
- BT50 — 锥柄形式 Taper size

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.

·BT50-LBK 镗头刀柄 BT50-LBK BORING HEAD SHANK





配 件 Accessories



» P.K19

扫描二维码观看产品视频

规 格 Model	L	L1	L2	L3	L4	L5	D	d2	d1	侧边螺丝 Screw	重量 KGS
BT50-LBK5- 95	196.8	95	57	38	45	13	100	50	28	M10*1.0P	5.4
-105	206.8	105	67	38	45	13	100	50	28	M10*1.0P	5.5
-150	251.8	150	112	38	45	13	100	50	28	M10*1.0P	6
-180	281.8	180	142	38	45	13	100	50	28	M10*1.0P	6.2
-240	341.8	240	202	38	45	13	100	50	28	M10*1.0P	6.4
-270	371.8	270	232	38	45	13	100	50	28	M10*1.0P	6.7
-300	401.8	300	262	38	45	13	100	50	28	M10*1.0P	7
-350	451.8	350	312	38	45	13	100	50	28	M10*1.0P	7.3
-LBK6- 90	191.8	90	52	38	55	16	100	63	36	M12*1.0P	5.9
-105	206.8	105	67	38	55	16	100	63	36	M12*1.0P	6.1
-150	251.8	150	112	38	55	16	100	63	36	M12*1.0P	6.3
-170	271.8	170	132	38	55	16	100	63	36	M12*1.0P	6.5
-180	281.8	180	142	38	55	16	100	63	36	M12*1.0P	6.7
-230	331.8	230	192	38	55	16	100	63	36	M12*1.0P	7.45
-270	371.8	270	232	38	55	16	100	63	36	M12*1.0P	8.2
-300	401.8	300	262	38	55	16	100	63	36	M12*1.0P	9.5
-350	451.8	350	312	38	55	16	100	63	36	M12*1.0P	10.8
-400	501.8	400	362	38	55	16	100	63	36	M12*1.0P	11.8
-450	551.8	450	412	38	55	16	100	63	36	M12*1.0P	12.8
-500	601.8	500	462	38	55	16	100	63	36	M12*1.0P	13.8

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

规格说明:

BT50 - LBK - 5 - 95

- 95 L1 长度 Length (L1)
- 5 接口锥度 Taper No. of cutter
- LBK 功能代号 Holder type
- BT50 锥柄形式 Taper size

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.

·BT-MTA 带扁尾莫氏刀柄

BT-MTA TAPER ADAPTER(MORSE)

扫描二维码观看产品视频





FIG.1

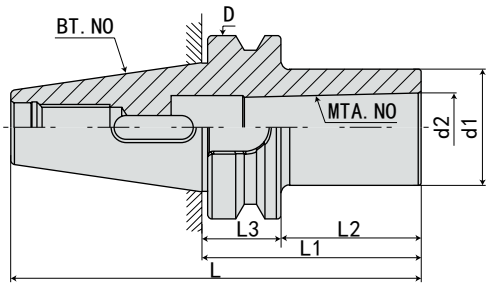
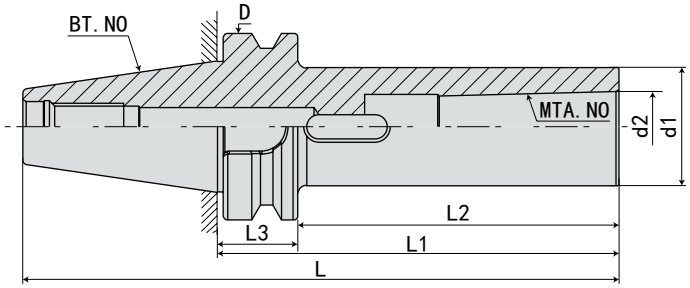


FIG.2



配 件 Accessories



» P.K19

规 格 Model	L	L1	L2	L3	D	d1	d2	夹持范围 Range	FIG	重量 KGS
BT30-MTA1- 45	93.4	45	23	22	46	25	12.065	ϕ2-ϕ14	1	0.55
-120	168.4	120	98	22	46	25	12.065	ϕ2-ϕ14	2	0.85
-MTA2- 60	108.4	60	38	22	46	32	17.18	Φ14-ϕ23	1	0.6
-120	168.4	120	98	22	46	32	17.18	Φ14-ϕ23	2	0.9
-MTA3- 90	138.4	90	68	22	46	40	23.825	Φ23-ϕ32	1	0.8
-135	183.4	135	113	22	46	40	23.825	Φ23-ϕ32	2	1
BT40-MTA1- 45	110.4	45	18	27	63	25	12.065	ϕ2-ϕ14	1	1.05
-120	185.4	120	93	27	63	25	12.065	ϕ2-ϕ14	2	1.4
-180	245.4	180	153	27	63	25	12.065	ϕ2-ϕ14	2	1.5
-MTA2- 45	110.4	45	18	27	63	32	17.18	Φ14-ϕ23	1	1.1
-120	185.4	120	93	27	63	32	17.18	Φ14-ϕ23	2	1.85
-180	245.4	180	153	27	63	32	17.18	Φ14-ϕ23	2	2
-MTA3- 75	140.4	75	48	27	63	40	23.825	Φ23-ϕ32	1	1.2
-135	200.4	135	108	27	63	40	23.825	Φ23-ϕ32	2	1.9
-180	245.4	180	153	27	63	40	23.825	Φ23-ϕ32	2	2.25
-MTA4- 90	155.4	90	63	27	63	48	31.267	ϕ32-ϕ50	1	1.4
-165	230.4	165	138	27	63	48	31.267	ϕ32-ϕ50	2	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

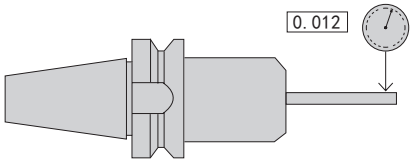
规格说明：

BT30 - MTA - 1 - 45

- 45 L1 长度 Length (L1)
- 1 莫氏锥度号 Morse taper No.
- MTA 有扁尾莫氏锥孔 Morse taper holder type A
- BT30 锥柄形式 Taper size

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.



扫描二维码观看产品视频

·BT50-MTA 带扁尾莫氏刀柄

BT50-MTA TAPER ADAPTER(MORSE)

扫描二维码观看产品视频



配 件 Accessories

» P.K19

FIG.1

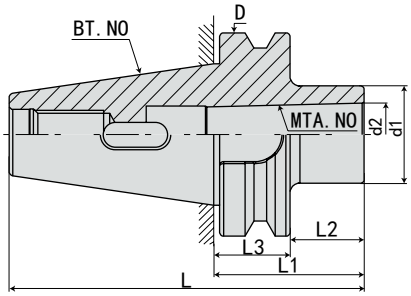
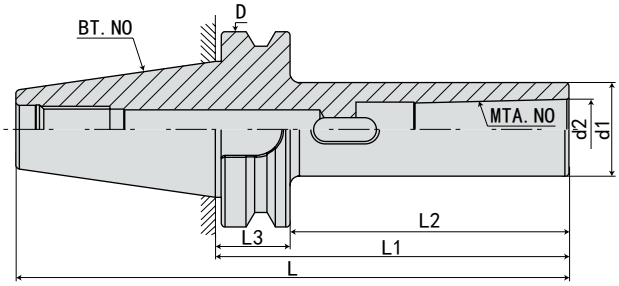


FIG.2



规 格 Model	L	L1	L2	L3	D	d1	d2	夹持范围 Range	FIG	重量 KGS
BT50-MTA1- 45	146.8	45	7	38	100	25	12.065	ϕ2-ϕ14	1	3.8
-120	221.8	120	82	38	100	25	12.065	ϕ2-ϕ14	2	4.3
-180	281.8	180	142	38	100	25	12.065	ϕ2-ϕ14	2	5
-200	301.8	200	162	38	100	25	12.065	ϕ2-ϕ14	2	5.2
-MTA2- 60	161.8	60	22	38	100	32	17.825	Φ14-ϕ23	1	4
-135	236.8	135	97	38	100	32	17.825	Φ14-ϕ23	2	4.7
-180	281.8	180	142	38	100	32	17.825	Φ14-ϕ23	2	5
-200	301.8	200	162	38	100	32	17.825	Φ14-ϕ23	2	5.2
-MTA3- 65	166.8	65	27	38	100	40	23.825	Φ23-ϕ32	1	3.7
- 75	176.8	75	37	38	100	40	23.825	Φ23-ϕ32	1	3.8
- 95	196.8	95	57	38	100	40	23.825	Φ23-ϕ32	1	3.85
-150	251.8	150	112	38	100	40	23.825	Φ23-ϕ32	2	5
-180	281.8	180	142	38	100	40	23.825	Φ23-ϕ32	2	5.5
-200	301.8	200	162	38	100	40	23.825	Φ23-ϕ32	2	6
-250	351.8	250	212	38	100	40	23.825	Φ23-ϕ32	2	6.4
-300	401.8	300	262	38	100	40	23.825	Φ23-ϕ32	2	6.8
-MTA4- 75	176.8	75	37	38	100	48	31.267	ϕ32-ϕ50	1	4.2
- 95	196.8	95	57	38	100	48	31.267	ϕ32-ϕ50	1	4.4
-150	251.8	150	112	38	100	48	31.267	ϕ32-ϕ50	2	5
-180	281.8	180	142	38	100	48	31.267	ϕ32-ϕ50	2	5.5
-200	301.8	200	162	38	100	48	31.267	ϕ32-ϕ50	2	5.7
-250	351.8	250	212	38	100	48	31.267	ϕ32-ϕ50	2	6.55
-300	401.8	300	262	38	100	48	31.267	ϕ32-ϕ50	2	6.95
-MTA5-105	206.8	105	67	38	100	65	44.399	ϕ50-ϕ75	1	4
-210	311.8	210	172	38	100	65	44.399	ϕ50-ϕ75	2	7.2
-300	401.8	300	262	38	100	65	44.399	ϕ50-ϕ75	2	10.5
-350	451.8	350	312	38	100	65	44.399	ϕ50-ϕ75	2	12.2
-MTA6-200	301.8	200	162	38	100	85	63.348	ϕ75-ϕ100	1	5.2
-280	381.8	280	242	38	100	85	63.348	ϕ75-ϕ100	2	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

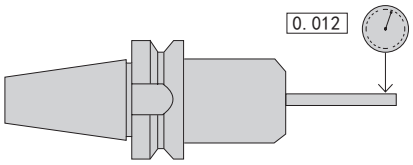
规格说明:

BT50 - MTA - 1 - 45

- BT50 锥柄形式 Taper size
- MTA 有扁尾莫氏锥孔 Morse taper holder type A
- 1 莫氏锥度号 Morse taper No.
- 45 L1 长度 Length (L1)

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)

扫描二维码观看产品视频



配 件 Accessories

» P.K19

FIG.1

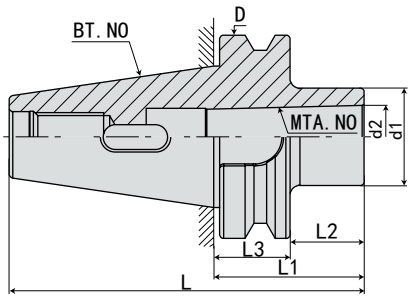
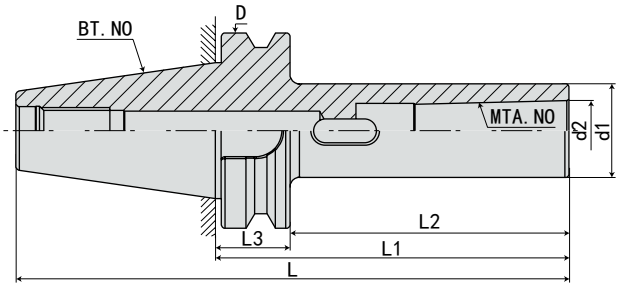


FIG.2



规格 / 型号 Model	L	L1	L2	L3	D	d1	d2	FIG	夹持钻头范围	重量 KGS
BT60-MTA3-100	261.8	100	52	48	155	40	23.825	1	Φ23-ϕ32	
-190	351.8	190	142	48	155	40	23.825	2	Φ23-ϕ32	
-MTA4-110	271.8	110	62	48	155	48	31.267	1	ϕ32-ϕ50	
-210	371.8	210	162	48	155	48	31.267	2	ϕ32-ϕ50	
-MTA5-135	296.8	135	87	48	155	65	44.399	1	ϕ50-ϕ75	
-240	401.8	240	192	48	155	65	44.399	2	ϕ50-ϕ75	
-MTA6-170	331.8	170	122	48	155	90	63.348	1	ϕ75-ϕ100	
-310	471.8	310	262	48	155	90	63.348	2	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

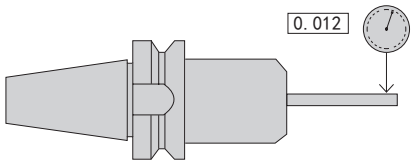
Features:

◎ 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.

规格说明:

BT60 - MTA - 3 - 100

- BT60 锥柄形式 Taper size
- MTA 有扁尾莫氏锥孔 Morse taper holder type A
- 3 莫氏锥度号 Morse taper No.
- 100 L1 长度 Length (L1)



·BT-MTB 无扁尾莫氏刀柄 BT-MTB MORSE TAP HOLDER



FIG.1

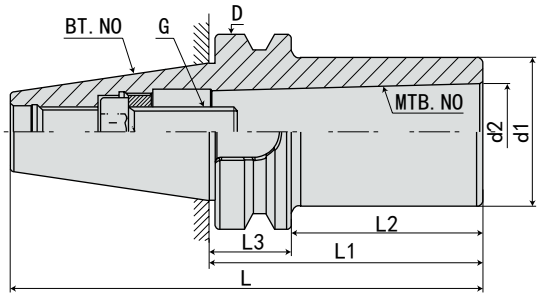
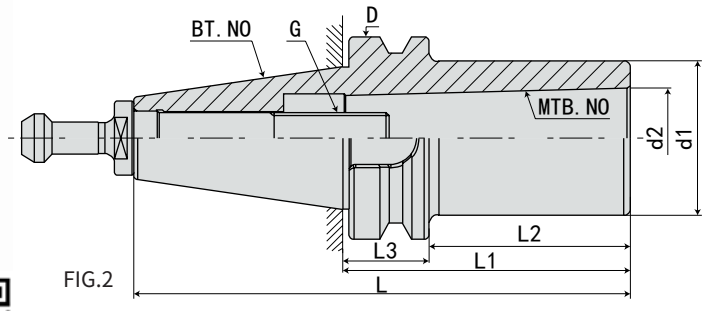


FIG.2



配 件 Accessories



» P.K19

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规 格 Model	L	L1	L2	L3	D	d1	d2	螺杆 G	夹持铣刀范围	FIG	重量 KGS
BT30-MTB1- 45	93.4	45	23	22	46	25	12.065	M6	ϕ10-ϕ14	1	0.55
-MTB2- 60	108.4	60	38	22	46	32	17.780	M10	ϕ16-ϕ22	1	0.60
-MTB3- 80	128.4	80	58	22	46	40	23.825	M12	ϕ24-ϕ32	2	0.8
BT40-MTB1- 45	110.4	45	18	27	63	25	12.065	M6	ϕ10-ϕ14	1	1.05
-120	185.4	120	93	27	63	25	12.065	M6	ϕ10-ϕ14	2	1.40
-MTB2- 45	110.4	45	18	27	63	32	17.180	M10	ϕ16-ϕ22	1	1.10
-120	185.4	120	93	27	63	32	17.180	M10	ϕ16-ϕ22	1	1.85
-MTB3- 75	140.4	75	48	27	63	40	23.825	M12	ϕ24-ϕ32	1	1.20
-135	200.4	135	108	27	63	40	23.825	M12	ϕ24-ϕ32	1	1.90
-MTB4- 90	155.4	90	63	27	63	48	31.267	M16	ϕ32-ϕ50	2	1.40
-165	230.4	165	138	27	63	48	31.267	M16	ϕ32-ϕ50	2	2.50

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

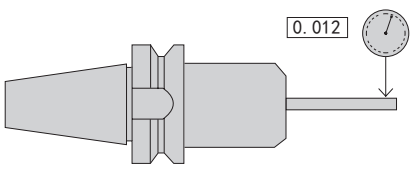
规格说明:

BT30 - MTB - 1 - 45

- 45 — L1 长度 Length (L1)
- 1 — 莫氏锥度号 Morse taper No.
- MTB — 无扁尾莫氏锥孔 Morse taper holder type B
- BT30 — 锥柄形式 Taper size

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.



·BT-MTB 无扁尾莫氏刀柄 BT-MTB MORSE TAP HOLDER



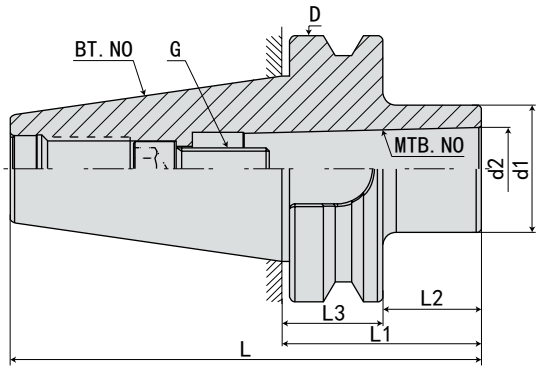


FIG.1

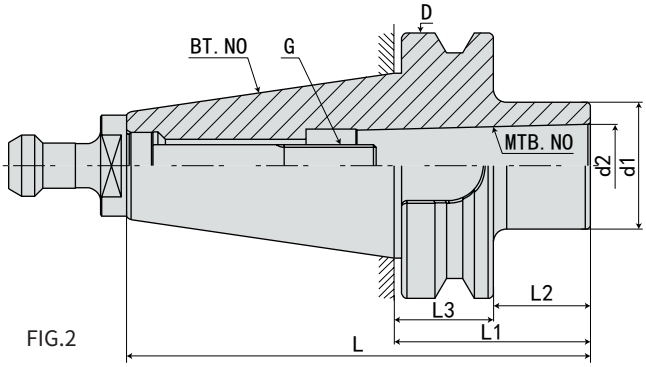


FIG.2

配 件 Accessories



» P.K19

扫描二维码观看产品视频

规 格 Model	L	L1	L2	L3	D	d1	d2	螺杆 G	夹持铣刀范围	FIG	重量 KGS
BT50-MTB1- 45	146.8	45	7	38	100	25	12.065	M6	ϕ10-ϕ14	1	3.80
-120	221.8	120	82	38	100	25	12.065	M6	ϕ10-ϕ14	2	4.30
-180	281.8	180	142	38	100	25	12.065	M6	ϕ10-ϕ14	2	5.00
-MTB2- 60	161.8	60	22	38	100	32	17.780	M10	ϕ16-ϕ22	1	4.00
-135	236.8	135	97	38	100	32	17.780	M10	ϕ16-ϕ22	2	4.70
-180	281.8	180	142	38	100	32	17.780	M10	ϕ16-ϕ22	2	5.00
-MTB3- 75	166.8	75	37	38	100	40	23.825	M12	ϕ24-ϕ32	1	3.90
-150	251.8	150	112	38	100	40	23.825	M12	ϕ24-ϕ32	2	5.00
-180	281.8	180	142	38	100	40	23.825	M12	ϕ24-ϕ32	2	5.50
-MTB4- 75	176.8	75	37	38	100	48	31.267	M16	ϕ32-ϕ50	1	4.20
- 90	191.8	90	52	38	100	48	31.267	M16	ϕ32-ϕ50	1	4.40
-150	251.8	150	112	38	100	48	31.267	M16	ϕ32-ϕ50	2	5.00
-180	281.8	180	142	38	100	48	31.267	M16	ϕ32-ϕ50	2	5.25
-200	301.8	200	162	38	100	48	31.267	M16	ϕ32-ϕ50	2	5.60
-250	351.8	250	212	38	100	48	31.267	M16	ϕ32-ϕ50	2	6.55
-300	401.8	300	262	38	100	48	31.267	M16	ϕ32-ϕ50	2	7.2
-MTB5-115	216.8	115	77	38	100	65	44.399	M20	ϕ40-ϕ75	1	4.30
-210	311.8	210	172	38	100	65	44.399	M20	ϕ40-ϕ75	2	7.2
BT60-MTB2-100	261.8	100	52	48	155	32	17.780	M10*1.5P	ϕ16-ϕ22	1	/
-MTB3-100	261.8	100	52	48	155	40	23.825	M12*1.75P	ϕ24-ϕ32	1	/
-MTB4-100	261.8	100	52	48	155	48	31.267	M16*2.0P	ϕ32-ϕ50	1	/
-MTB5-100	261.8	100	52	48	155	65	44.399	M20*2.5P	ϕ40-ϕ75	1	/
-MTB6-150	311.8	150	102	48	155	85	63.348	M24*3.0P	ϕ75-ϕ100	1	/

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

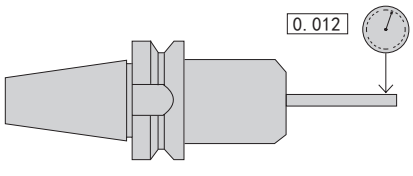
规格说明：

BT50 - MTB - 1 - 45

- 45 — L1 长度 Length (L1)
- 1 — 莫氏锥度号 Morse taper No.
- MTB — 无扁尾莫氏锥孔 Morse taper holder type B
- BT50 — 锥柄形式 Taper size

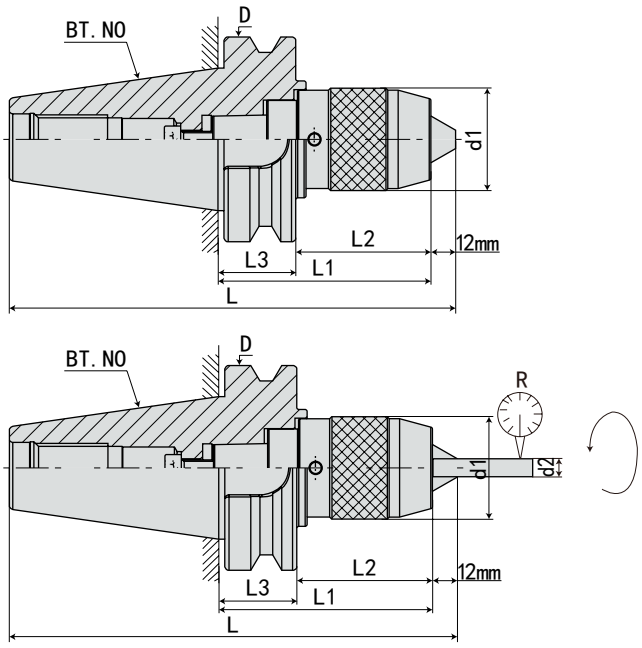
Features:

◎ 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.

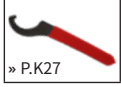


·BT-APU 一体式钻夹头刀柄 BT-APU DRILL CHUCK HOLDER





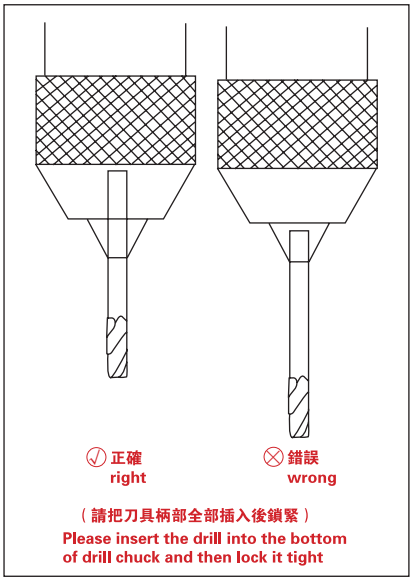
配 件 Accessories


» P.K27


» P.K19

扫描二维码观看产品视频

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
-APU13-110	170.4	110	88	22	50	13	46	0.08	1.85
-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
-APU13-100	177.4	100	73	27	50	13	63	0.08	2
-150	227.4	150	123	27	50	13	63	0.08	2.35
-APU16-110	187.4	110	83	27	57	16	63	0.08	2.3
-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
-APU13-110	223.8	110	72	38	50	13	100	0.08	4.7
-180	293.8	180	142	38	50	13	100	0.08	5.85
-APU16-120	233.8	120	82	38	57	16	100	0.08	5.03
-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.

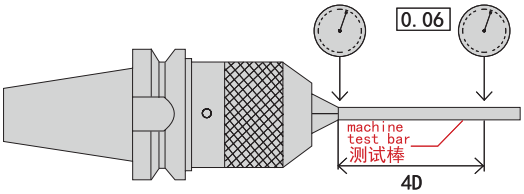
◎ The APU leaning precision is 0.06mm, like the need high accuracy request, please use ER or the SK serise.

◎ The spanner、 pull stud must purchase alone.

规格说明:

BT40 - APU - 08 - 80

- 80 L1 长度 Length (L1)
- 08 最大夹持直径 Max grip diameter
- APU 功能代号 Drill chuck
- BT40 锥柄形式 Taper size



·BT30-SLN 侧固式刀柄 BT30-SLN SIDE LOCK END MILL HOLDER



FIG. 1

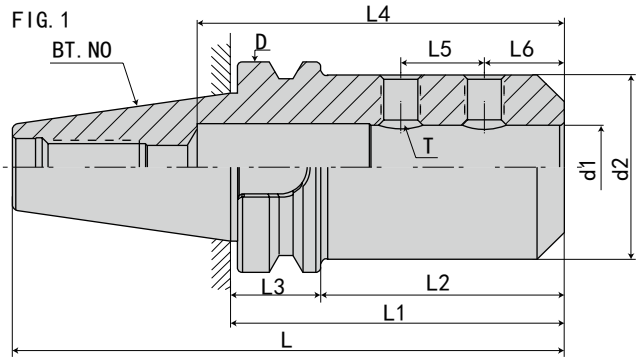
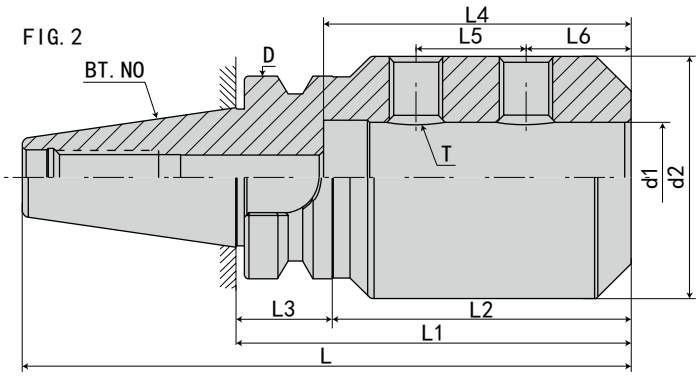


FIG. 2



配 件 Accessories



» P.K19

扫描二维码观看产品视频

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
- SLN8-75	123.4	75	53	22	50	12	14	46	8	28	M8	1	0.65
-SLN10-75	123.4	75	53	22	55	14	15	46	10	32	M10	1	0.7
-SLN12-75	123.4	75	53	22	60	16	20	46	12	40	M10	1	0.75
-SLN16-75	123.4	75	53	22	60	18	22	46	16	45	M10	1	1.15
-90	138.4	90	68	22	60	18	22	46	16	45	M10	1	1.2
-SLN20-80	128.4	80	58	22	70	20	25	46	20	50	M12	2	1.15
-90	138.4	90	68	22	70	20	25	46	20	50	M12	2	1.2
-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

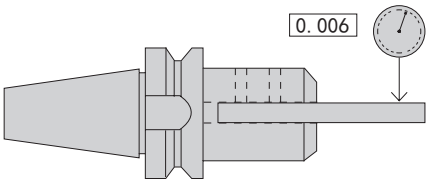
规格说明:

BT30 - SLN - 6 - 75

- L1 长度 Length (L1)
- 刀杆直径 Bore dlamenter
- 功能代号 Side lock end mill holder type N
- 锥柄形式 Taper size

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.



·BT40-SLN 侧固式刀柄 BT40-SLN SIDE LOCK END MILL HOLDER



FIG. 1

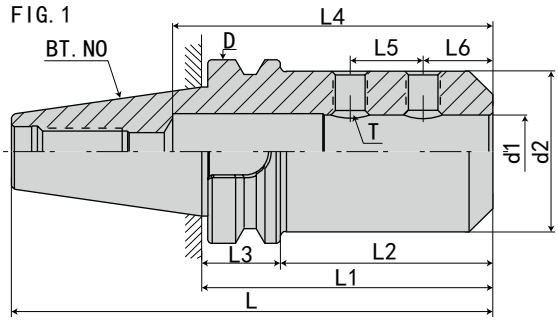
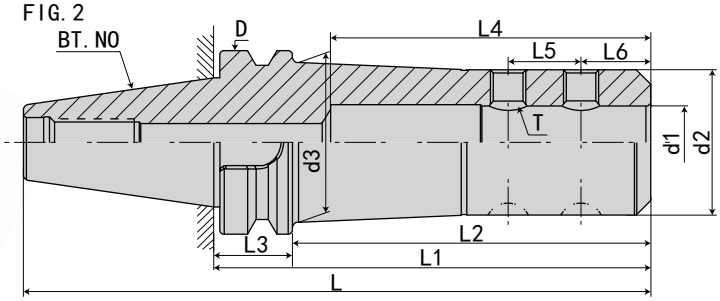


FIG. 2



配 件 Accessories



» P.K19

扫描二维码观看产品视频

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
- SLN8- 75	140.4	75	48	27	50	12	14	63	8	28	-	M8	1	1.3
-100	165.4	100	73	27	50	12	14	63	8	28	-	M8	1	1.35
-SLN10- 75	140.4	75	48	27	55	14	15	63	10	35	-	M10	1	1.3
-100	165.4	100	73	27	55	14	15	63	10	35	-	M10	1	1.35
-SLN12- 75	140.4	75	48	27	60	16	20	63	12	40	-	M10	1	1.32
-100	165.4	100	73	27	60	16	20	63	12	40	-	M10	1	1.35
-SLN16- 90	155.4	90	63	27	100	18	22	63	16	45	-	M12	1	1.5
-100	165.4	100	73	27	100	18	22	63	16	45	-	M12	1	1.55
-150	215.4	150	123	27	100	18	22	63	16	38	45	M10	2	1.7
-200	265.4	200	173	27	100	18	22	63	16	38	45	M10	2	2
-SLN20- 90	155.4	90	63	27	100	20	25	63	20	50	-	M12	1	1.6
-100	165.4	100	73	27	100	20	25	63	20	50	-	M12	1	1.65
-150	215.4	150	123	27	100	20	25	63	20	45	50	M12	2	1.8
-200	265.4	200	173	27	100	20	25	63	20	45	50	M12	2	2
-SLN25- 90	155.4	90	63	27	110	25	24	63	25	55	-	M12	1	2.5
-100	165.4	100	73	27	110	25	24	63	25	55	-	M12	1	2.6
-150	215.4	150	123	27	110	25	24	63	25	50	55	M12	2	2.8
-200	265.4	200	173	27	110	25	24	63	25	50	55	M12	2	3
-SLN32-100	165.4	100	73	27	120	28	24	63	32	65	-	M16	1	2.75
-150	215.4	150	123	27	120	28	24	63	32	58	63	M16	2	3
-200	265.4	200	173	27	120	28	24	63	32	58	63	M16	2	3.2
-SLN40-105	170.4	105	78	27	120	32	30	63	40	73	-	M16	1	3.5
-150	215.4	150	123	27	120	32	30	63	40	73	-	M16	1	4
-200	265.4	200	173	27	120	32	30	63	40	73	-	M16	2	4.5
-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
◎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

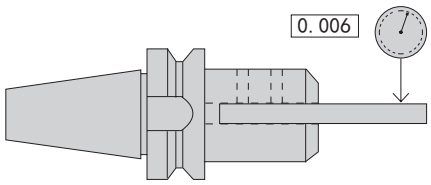
规格说明:

BT40 - SLN - 6 - 75

- 75 L1 长度 Length (L1)
- 6 刀杆直径 Diameter
- SLN 功能代号 Holder type
- BT40 锥柄形式 Taper size

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.



·BT50-SLN 侧固式刀柄 BT50-SLN SIDE LOCK END MILL HOLDER



FIG. 1

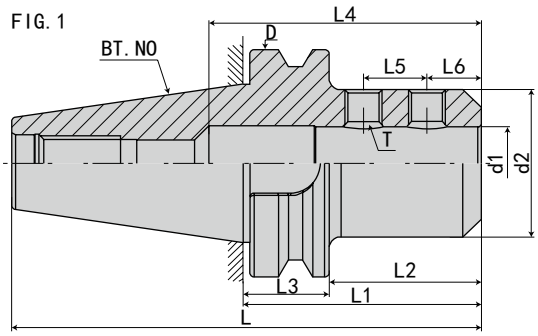
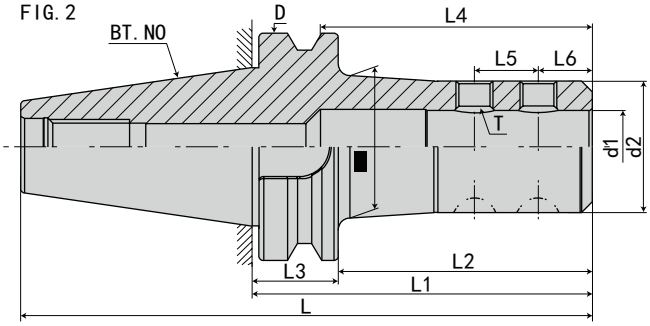


FIG. 2



配 件 Accessories



» P.K19

扫描二维码观看产品视频

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
- SLN8-100	201.8	100	62	38	50	12	14	100	8	28	-	M8	1	4.15
-SLN10-100	201.8	100	62	38	55	14	15	100	10	35	-	M10	1	4.15
-SLN12-100	201.8	100	62	38	60	16	20	100	12	40	-	M10	1	4.15
-SLN16-100	201.8	100	62	38	100	18	22	100	16	45	-	M10	1	4.15
-150	251.8	150	112	38	100	18	22	100	16	38	45	M10	2	5
-200	301.8	200	162	38	100	18	22	100	16	38	45	M10	2	6.8
-250	351.8	250	212	38	100	18	22	100	16	38	45	M10	2	7
-300	401.8	300	262	38	100	18	22	100	16	38	45	M10	2	7.5
-SLN20-100	201.8	100	62	38	100	20	25	100	20	50	-	M12	1	4.8
-150	251.8	150	112	38	100	20	25	100	20	45	50	M12	2	5.8
-200	301.8	200	162	38	100	20	25	100	20	45	50	M12	2	6.9
-250	351.8	250	212	38	100	20	25	100	20	45	50	M12	2	7.3
-300	401.8	300	262	38	100	20	25	100	20	45	50	M12	2	7.8
-SLN25-100	201.8	100	62	38	110	25	24	100	25	60	-	M12	1	5.5
-150	251.8	150	112	38	110	25	24	100	25	50	55	M12	2	6
-200	301.8	200	162	38	110	25	24	100	25	50	55	M12	2	7
-250	351.8	250	212	38	110	25	24	100	25	50	55	M12	2	7.5
-300	401.8	300	262	38	110	25	24	100	25	50	55	M12	2	8
-350	451.8	350	312	38	110	25	24	100	25	50	55	M12	2	8.5

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

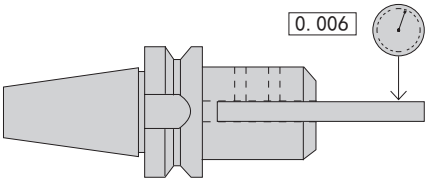
规格说明:

BT50 - SLN - 6 - 100

- 100 L1 长度 Length (L1)
- 6 刀杆直径 Diameter
- SLN 功能代号 Side lock end mill holder type N
- BT50 锥柄形式 Taper size

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.



·BT50-SLN 侧固式刀柄 BT50-SLN SIDE LOCK END MILL HOLDER



FIG. 1

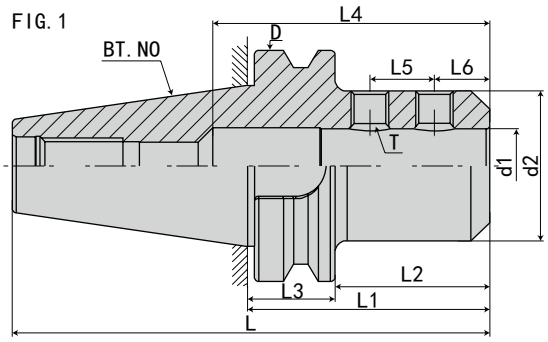
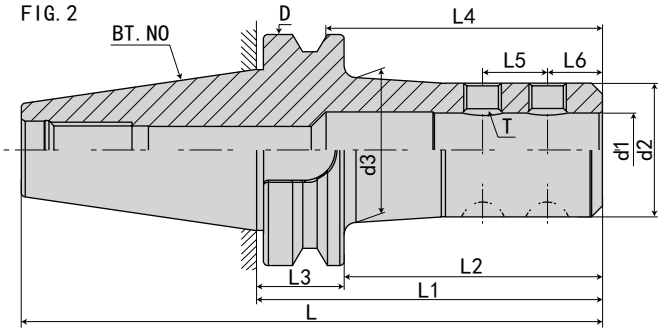


FIG. 2



配 件 Accessories



» P.K19

扫描二维码观看产品视频

规 格 Model	L	L1	L2	L3	L4	L5	L6	D	d1	d2	d3	T	Fig	重量 KGS
BT50- SLN32-105	206.8	105	67	38	120	28	24	100	32	65	-	M16	1	6
-150	251.8	150	112	38	120	28	24	100	32	58	63	M16	2	6.5
-200	301.8	200	162	38	120	28	24	100	32	58	63	M16	2	7.5
-250	351.8	250	212	38	120	28	24	100	32	58	63	M16	2	8
-300	401.8	300	262	38	120	28	24	100	32	58	63	M16	2	8.5
-350	451.8	350	312	38	120	28	24	100	32	58	63	M16	2	9
- SLN40-115	216.8	115	77	38	120	32	30	100	40	80	-	M20	1	6.6
-150	251.8	150	112	38	120	32	30	100	40	70	75	M16	2	7
-200	301.8	200	162	38	120	32	30	100	40	70	75	M16	2	7.5
-250	351.8	250	212	38	120	32	30	100	40	70	75	M16	2	8
-300	401.8	300	262	38	120	32	30	100	40	70	75	M16	2	8.5
-350	451.8	350	312	38	120	32	30	100	40	70	75	M16	2	9
- SLN42-120	221.8	120	82	38	120	32	30	100	42	80	-	M20	1	6.5
-150	251.8	150	112	38	120	32	30	100	42	75	80	M20	1	7.5
-200	301.8	200	162	38	120	32	30	100	42	75	80	M20	1	8.5
- SLN50-120	221.8	120	82	38	120	35	35	100	50	90	-	M20	1	7.2
-150	251.8	150	112	38	120	35	35	100	50	85	90	M20	1	8.5
-200	301.8	200	162	38	120	35	35	100	50	85	90	M20	1	9.5
-SLN50.8 -120	221.8	120	82	38	120	35	35	100	50.8	90	-	M20	1	7.3
-150	251.8	150	112	38	120	35	35	100	50.8	85	90	M20	1	8.5
-200	301.8	200	162	38	120	35	35	100	50.8	85	90	M20	1	9.5

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

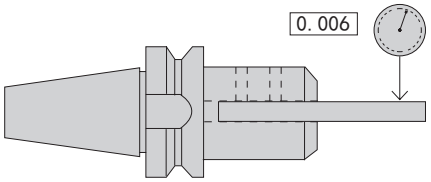
规格说明:

BT50 - SLN - 32 - 105

- 105 L1 长度 Length (L1)
- 32 刀杆直径 Diameter
- SLN 功能代号 Side lock end mill holder type N
- BT50 锥柄形式 Taper size

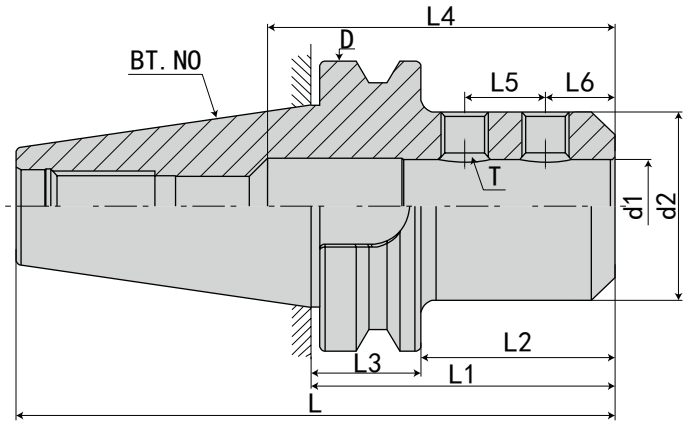
Features:

◎ 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.



·BT60-SLN 侧固式刀柄 BT60-SLN SIDE LOCK END MILL HOLDER





配 件 Accessories



» P.K19

扫描二维码观看产品视频

规 格 Model	L	L1	L2	L3	L4	L5	L6	D	d1	d2	T	重量 KGS
BT60-SLN25 -135	296.8	135	87	48	110	25	24	155	25	60	M12	
-SLN32 -135	296.8	135	87	48	120	28	24	155	32	65	M16	
-SLN40 -135	296.8	135	87	48	120	32	30	155	40	80	M16	
-SLN42 -135	296.8	135	87	48	120	32	30	155	42	80	M20	
-SLN50 -135	296.8	135	87	48	120	35	35	155	50	90	M20	
-SLN50.8-135	296.8	135	87	48	120	35	35	155	50.8	90	M20	

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

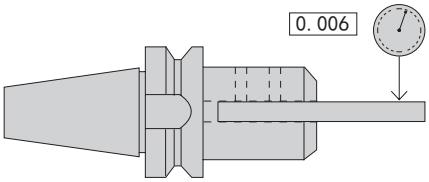
Features:

◎ 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.

规格说明:

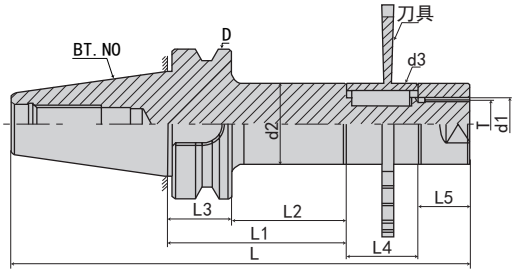
BT60 - SLN - 25 - 135

- 135 L1 长度 Length (L1)
- 25 刀杆直径 Diameter
- SLN 功能代号 Side lock end mill holder type N
- BT60 锥柄形式 Taper size

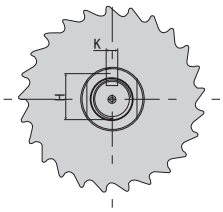


·BT-SCA 侧铣刀柄 BT-SCA SIDE CUTTER ADAPTET





扫描二维码观看产品视频



配 件 Accessories



» P.K19

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
- SCA16- 60	154.4	60	38	22	30	16	46	16	26	26	4	17.7	M14×1.5P	1
- SCA22- 60	160.4	60	38	22	30	22	46	22	34	34	6	24.3	M20×1.5P	1.2
- 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
- SCA22- 60	177.4	60	33	27	30	22	63	22	34	34	6	24.3	M20×1.5P	1.6
- 75	192.4	75	48	27	30	22	63	22	34	34	6	24.3	M20×1.5P	1.7
-120	237.4	120	93	27	30	22	63	22	34	34	6	24.3	M20×1.5P	2
- SCA27- 75	198.4	75	48	27	30	28	63	27	41	40	7	30	M24×1.5P	2.1
-120	243.4	120	93	27	30	28	63	27	41	40	7	30	M24×1.5P	2.5
- SCA32- 90	217.4	90	63	27	30	32	63	32	47	47	8	35	M30×1.5P	2.6
-SCA22.22- 75	192.4	75	48	27	30	22	63	22.22	34	34	3.17	24.6	M20×1.5P	1.7
-120	237.4	120	93	27	30	22	63	22.22	34	34	3.17	24.6	M20×1.5P	2
-SCA25.4- 75	198.4	75	48	27	30	28	63	25.4	41	40	6.35	28.4	M24×1.5P	2
-120	243.4	120	93	27	30	28	63	25.4	41	40	6.35	28.4	M24×1.5P	2.4
-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
-135	288.8	135	97	38	30	22	100	22	34	34	6	24.3	M20×1.5P	4.7
-180	333.8	180	142	38	30	22	100	22	34	34	6	24.3	M20×1.5P	5
- SCA27- 90	249.8	90	52	38	30	28	100	27	41	40	7	30	M24×1.5P	4.6
-135	294.8	135	97	38	30	28	100	27	41	40	7	30	M24×1.5P	5
-180	339.8	180	142	38	30	28	100	27	41	40	7	30	M24×1.5P	5.5
- SCA32- 90	253.8	90	52	38	30	32	100	32	47	47	8	35	M30×1.5P	4.7
-135	298.8	135	97	38	30	32	100	32	47	47	8	35	M30×1.5P	5.2
-180	343.8	180	142	38	30	32	100	32	47	47	8	35	M30×1.5P	5.7
- SCA40- 90	261.8	90	52	38	30	40	100	40	55	55	10	43.7	M36×2.0P	5
-135	306.8	135	97	38	30	40	100	40	55	55	10	43.7	M36×2.0P	6
-180	351.8	180	142	38	30	40	100	40	55	55	10	43.7	M36×2.0P	7
-SCA22.22- 90	243.8	90	52	38	30	22	100	22.22	34	34	3.17	24.6	M20×1.5P	4.4
-135	288.8	135	97	38	30	22	100	22.22	34	34	3.17	24.6	M20×1.5P	4.7
- SCA25.4- 90	249.8	90	52	38	30	28	100	25.4	41	40	6.35	28.4	M24×1.5P	4.5
-135	294.8	135	97	38	30	28	100	25.4	41	40	6.35	28.4	M24×1.5P	4.9
-SCA31.75- 90	253.8	90	52	38	30	32	100	31.75	47	47	7.93	34.8	M30×1.5P	4.7
-135	298.8	135	97	38	30	32	100	31.75	47	47	7.93	34.8	M30×1.5P	5.2
-SCA38.10- 90	261.8	90	52	38	30	40	100	38.1	55	55	9.52	42.4	M36×2.0P	4.9
-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.

规格说明:

BT30 - SCA - 10 - 60

- 60 — L1 长度 Length (L1)
- 10 — 刀片内孔直径 Diameter
- SCA — 功能代号 Holder type
- BT30 — 锥柄形式 Taper size

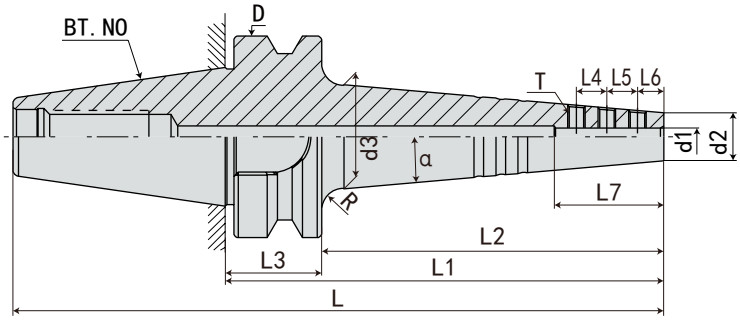
·BT30-SLD 小径侧固刀柄

BT30-SLD SMALL DIAMETER SIDE LOCK TOOL HOLDER



配 件 Accessories

» P.K19



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	
-100-A5	148.4	100	78	22	6	6	6	18	46	3	9	22	M3.5*3*0.35P*T6	5°	5	
-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	
-100-A5	148.4	100	78	22	7	7	6	20	46	4	11	24	M4*2.8*0.5P*H2	5°	5	
-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	
-100-A5	148.4	100	78	22	8	8	6	22	46	6	13	25.5	M5*4*0.5P*H2.5	5°	5	
-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	
-100-A5	148.4	100	78	22	10	10	7	27	46	8	15	28	M5*4*0.5P*H2.5	5°	5	

规格说明:

BT30 - SLD - 3 - 80 - A5

- A5 锥度
- 80 L1 长度 Length (L1)
- 3 接口锥度 Taper No. of cutter
- SLD 功能代号 Holder type
- BT30 锥柄形式 Taper size

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

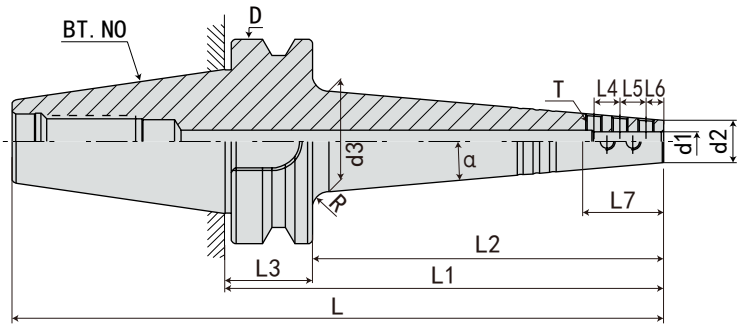
·BT40-SLD 小径侧固刀柄

BT40-SLD SMALL DIAMETER SIDE LOCK TOOL HOLDER



配 件 Accessories

» P.K19



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	
- SLD4-135-A5	200.4	135	108	27	7	7	6	20	63	4	11	29	M4*2.8*0.5P*H2	5°	5	
- SLD6-135-A5	200.4	135	108	27	8	8	6	22	63	6	13	31	M5*4*0.5P*H2.5	5°	5	
-150-A5	215.4	150	123	27	8	8	6	22	63	6	13	33.5	M5*4*0.5P*H2.5	5°	5	
-200-A5	265.4	200	173	27	8	8	6	22	63	6	13	41.5	M5*4*0.5P*H2.5	5°	5	
- SLD8-135-A5	200.4	135	108	27	10	10	7	27	63	8	15	33	M5*4*0.5P*H2.5	5°	5	
-150-A5	215.4	150	123	27	10	10	7	27	63	8	15	35.5	M5*4*0.5P*H2.5	5°	5	
-200-A5	265.4	200	173	27	10	10	7	27	63	8	15	43.5	M5*4*0.5P*H2.5	5°	5	
-SLD10-135-A5	200.4	135	108	27	10	10	10	35	63	10	17	35	M5*4*0.5P*H2.5	5°	5	
-150-A5	215.4	150	123	27	10	10	10	35	63	10	17	37.5	M5*4*0.5P*H2.5	5°	5	
-200-A5	265.4	200	173	27	10	10	10	35	63	10	17	45.5	M5*4*0.5P*H2.5	5°	5	
-SLD12-135-A5	200.4	135	108	27	10	10	10	45	63	12	22	40	M6*5*0.75P*H3	5°	5	
-150-A5	215.4	150	123	27	10	10	10	45	63	12	22	42.5	M6*5*0.75P*H3	5°	5	
-200-A5	265.4	200	173	27	10	10	10	45	63	12	22	50.5	M6*5*0.75P*H3	5°	5	
- 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	
-200-A3	265.4	200	173	27	8	8	6	22	63	6	13	30.5	M5*4*0.5P*H2.5	3°	5	
- 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	
-200-A3	265.4	200	173	27	10	10	7	27	63	8	15	32.5	M5*4*0.5P*H2.5	3°	5	
-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	
-200-A3	265.4	200	173	27	10	10	10	35	63	10	17	34.5	M5*4*0.5P*H2.5	3°	5	

规格说明:

BT40 - SLD - 3 - 135 - A5

- A5 锥度
- 135 L1 长度 Length (L1)
- 3 接口锥度 Taper No. of cutter
- SLD 功能代号 Holder type
- BT40 锥柄形式 Taper size

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

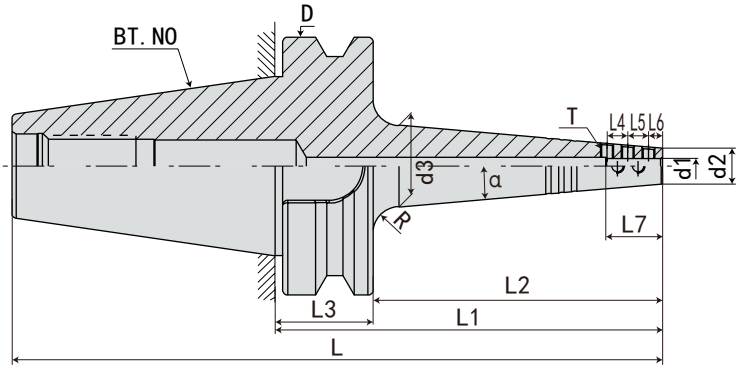
·BT50-SLD 小径侧固刀柄

BT50-SLD SMALL DIAMETER SIDE LOCK TOOL HOLDER



配 件 Accessories

» P.K19



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	
-200-A5	301.8	200	162	38	7	7	6	20	100	4	12	38.5	M4*2.8*0.5P*H2	5°	10	
-250-A5	351.8	250	212	38	7	7	6	20	100	4	12	47.5	M4*2.8*0.5P*H2	5°	10	
-300-A5	401.8	300	262	38	7	7	6	20	100	4	12	56	M4*2.8*0.5P*H2	5°	10	
- SLD6-150-A5	251.8	150	112	38	8	8	6	22	100	6	14	32	M5*4*0.5P*H2.5	5°	10	
-200-A5	301.8	200	162	38	8	8	6	22	100	6	14	40.5	M5*4*0.5P*H2.5	5°	10	
-250-A5	351.8	250	212	38	8	8	6	22	100	6	14	49.5	M5*4*0.5P*H2.5	5°	10	
-300-A5	401.8	300	262	38	8	8	6	22	100	6	14	58	M5*4*0.5P*H2.5	5°	10	
- SLD8-150-A5	251.8	150	112	38	10	10	7	27	100	8	16	34	M5*4*0.5P*H2.5	5°	10	
-200-A5	301.8	200	162	38	10	10	7	27	100	8	16	42.5	M5*4*0.5P*H2.5	5°	10	
-250-A5	351.8	250	212	38	10	10	7	27	100	8	16	51.5	M5*4*0.5P*H2.5	5°	10	
-300-A5	401.8	300	262	38	10	10	7	27	100	8	16	60	M5*4*0.5P*H2.5	5°	10	
-SLD10-150-A5	251.8	150	112	38	10	10	10	35	100	10	18	36	M5*4*0.5P*H2.5	5°	10	
-200-A5	301.8	200	162	38	10	10	10	35	100	10	18	44.5	M5*4*0.5P*H2.5	5°	10	
-250-A5	351.8	250	212	38	10	10	10	35	100	10	18	53.5	M5*4*0.5P*H2.5	5°	10	
-300-A5	401.8	300	262	38	10	10	10	35	100	10	18	62	M5*4*0.5P*H2.5	5°	10	
-SLD12-150-A5	251.8	150	112	38	10	10	10	45	100	12	22	40	M6*5*0.75P*H3	5°	10	
-200-A5	301.8	200	162	38	10	10	10	45	100	12	22	48.5	M6*5*0.75P*H3	5°	10	
-250-A5	351.8	250	212	38	10	10	10	45	100	12	22	57.5	M6*5*0.75P*H3	5°	10	
-300-A5	401.8	300	262	38	10	10	10	45	100	12	22	66	M6*5*0.75P*H3	5°	10	
-SLD16-150-A5	251.8	150	112	38	12	12	10	50	100	16	26	44	M8*5*0.75P*L4	5°	10	
-200-A5	301.8	200	162	38	12	12	10	50	100	16	26	52.5	M8*5*0.75P*L4	5°	10	
-250-A5	351.8	250	212	38	12	12	10	50	100	16	26	61.5	M8*5*0.75P*L4	5°	10	
-300-A5	401.8	300	262	38	12	12	10	50	100	16	26	70	M8*5*0.75P*L4	5°	10	
-SLD20-150-A5	251.8	150	112	38	12	12	10	55	100	20	30	48	M8*5*0.75P*L4	5°	10	
-200-A5	301.8	200	162	38	12	12	10	55	100	20	30	56.5	M8*5*0.75P*L4	5°	10	
-250-A5	351.8	250	212	38	12	12	10	55	100	20	30	65.5	M8*5*0.75P*L4	5°	10	
-300-A5	401.8	300	262	38	12	12	10	55	100	20	30	74	M8*5*0.75P*L4	5°	10	

规格说明:

BT50 - SLD - 4 - 150 - A5

- A5 — L1 锥度
- 150 — L1 长度 Length (L1)
- 4 — 接口锥度 Taper No. of cutter
- SLD — 功能代号 Holder type
- BT50 — 锥柄形式 Taper size

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

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

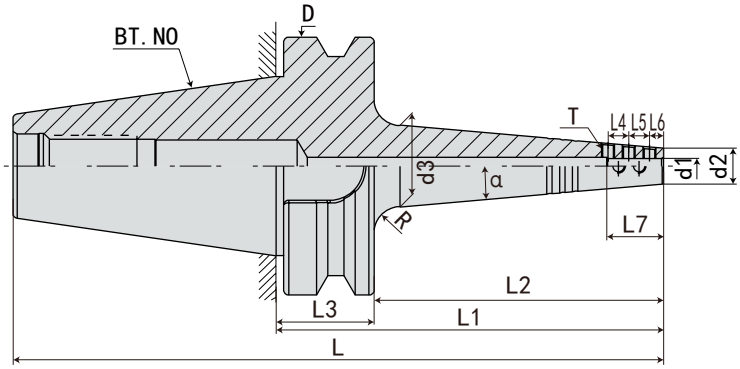
·BT50-SLD 小径侧固刀柄

BT50-SLD SMALL DIAMETER SIDE LOCK TOOL HOLDER



配 件 Accessories

» P.K19



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	
-200-A3	301.8	200	162	38	8	8	6	22	100	6	14	30	M5*4*0.5P*H2.5	3°	10	
-250-A3	351.8	250	212	38	8	8	6	22	100	6	14	35	M5*4*0.5P*H2.5	3°	10	
-300-A3	401.8	300	262	38	8	8	6	22	100	6	14	40	M5*4*0.5P*H2.5	3°	10	
- SLD8-150-A3	251.8	150	112	38	10	10	7	27	100	8	16	27	M5*4*0.5P*H2.5	3°	10	
-200-A3	301.8	200	162	38	10	10	7	27	100	8	16	32	M5*4*0.5P*H2.5	3°	10	
-250-A3	351.8	250	212	38	10	10	7	27	100	8	16	37	M5*4*0.5P*H2.5	3°	10	
-300-A3	401.8	300	262	38	10	10	7	27	100	8	16	42	M5*4*0.5P*H2.5	3°	10	
-SLD10-150-A3	251.8	150	112	38	10	10	10	35	100	10	18	29	M5*4*0.5P*H2.5	3°	10	
-200-A3	301.8	200	162	38	10	10	10	35	100	10	18	34	M5*4*0.5P*H2.5	3°	10	
-250-A3	351.8	250	212	38	10	10	10	35	100	10	18	39	M5*4*0.5P*H2.5	3°	10	
-300-A3	401.8	300	262	38	10	10	10	35	100	10	18	44	M5*4*0.5P*H2.5	3°	10	
-SLD12-150-A3	251.8	150	112	38	10	10	10	45	100	12	22	33	M6*5*0.75P*H3	3°	10	
-200-A3	301.8	200	162	38	10	10	10	45	100	12	22	38	M6*5*0.75P*H3	3°	10	
-250-A3	351.8	250	212	38	10	10	10	45	100	12	22	43	M6*5*0.75P*H3	3°	10	
-300-A3	401.8	300	262	38	10	10	10	45	100	12	22	48	M6*5*0.75P*H3	3°	10	

规格说明:

BT50 - SLD - 6 - 150 - A3

- 锥度
- L1 长度 Length (L1)
- 接口锥度 Taper No. of cutter
- 功能代号 Holder type
- 锥柄形式 Taper size

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



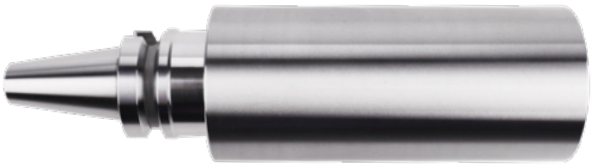


FIG. 1

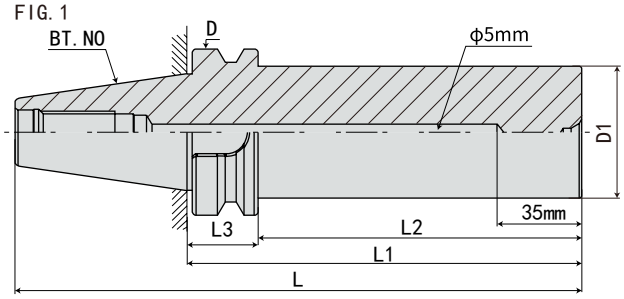
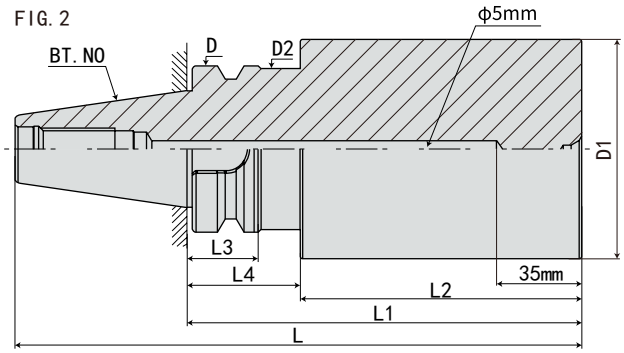


FIG. 2



配 件 Accessories



» P.K19

- 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
BT30- D40-100	148.4	100	78	22	-	46	40	-	1	
-125	173.4	125	103	22	-	46	40	-	1	
-150	198.4	150	128	22	-	46	40	-	1	
-175	223.4	175	153	22	-	46	40	-	1	
-200	248.4	200	178	22	-	46	40	-	1	
-225	273.4	225	203	22	-	46	40	-	1	
-250	298.4	250	228	22	-	46	40	-	1	
- D63-100	148.4	100	68	22	32	46	63	44	2	
-125	173.4	125	93	22	32	46	63	44	2	
-150	198.4	150	118	22	32	46	63	44	2	
-175	223.4	175	143	22	32	46	63	44	2	
-200	248.4	200	168	22	32	46	63	44	2	
-225	273.4	225	193	22	32	46	63	44	2	
-250	298.4	250	218	22	32	46	63	44	2	
-275	323.4	275	243	22	32	46	63	44	2	
-300	348.4	300	268	22	32	46	63	44	2	
- D83-100	148.4	100	68	22	32	46	83	44	2	
-125	173.4	125	93	22	32	46	83	44	2	
-150	198.4	150	118	22	32	46	83	44	2	
-175	223.4	175	143	22	32	46	83	44	2	
-200	248.4	200	168	22	32	46	83	44	2	
-225	273.4	225	193	22	32	46	83	44	2	
-250	298.4	250	218	22	32	46	83	44	2	
-275	323.4	275	243	22	32	46	83	44	2	
-300	348.4	300	268	22	32	46	83	44	2	
-D102-100	148.4	100	68	22	32	46	102	44	2	
-125	173.4	125	93	22	32	46	102	44	2	
-150	198.4	150	118	22	32	46	102	44	2	
-200	248.4	200	168	22	32	46	102	44	2	
-D127-100	148.4	100	68	22	32	46	127	44	2	
-130	178.4	130	98	22	32	46	127	44	2	

规格说明:

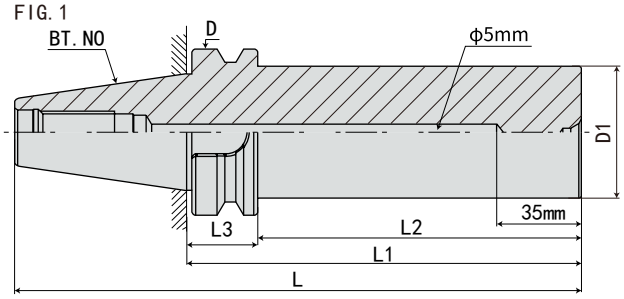
BT30 - D - 40 - 100

- 100 — L1 长度 Length（L1）
- 40 — 刀杆直径 Diameter
- D — 功能代号 Holder type
- BT30 — 锥柄形式 Taper size

·BT40- 基础柄刀柄 BT40 SEMI-FINISHED TOOL HOLDER



FIG. 1



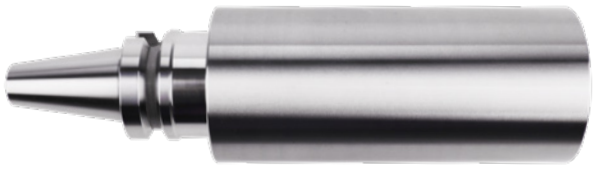
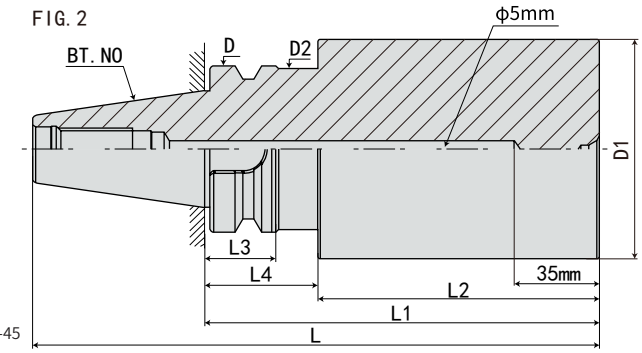


FIG. 2



配 件 Accessories

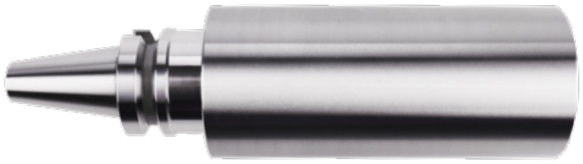


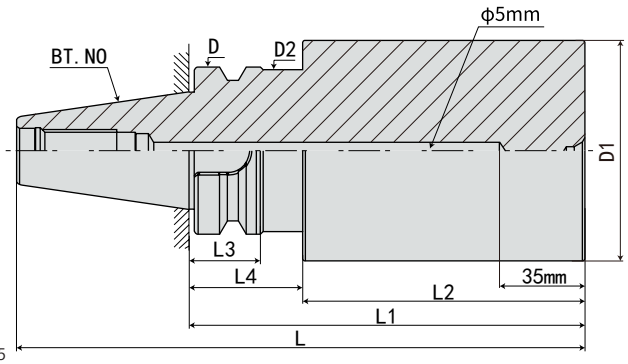
» P.K19

- 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	
-125	190.4	125	98	27	-	63	40	-	1	
-150	215.4	150	123	27	-	63	40	-	1	
-175	240.4	175	148	27	-	63	40	-	1	
-200	265.4	200	173	27	-	63	40	-	1	
-225	290.4	225	198	27	-	63	40	-	1	
-250	315.4	250	223	27	-	63	40	-	1	
-275	340.4	275	248	27	-	63	40	-	1	
-300	365.4	300	273	27	-	63	40	-	1	
-330	395.4	330	303	27	-	63	40	-	1	
-D50-100	165.4	100	73	27	-	63	50	-	1	
-125	190.4	125	98	27	-	63	50	-	1	
-150	215.4	150	123	27	-	63	50	-	1	
-175	240.4	175	148	27	-	63	50	-	1	
-200	265.4	200	173	27	-	63	50	-	1	
-225	290.4	225	198	27	-	63	50	-	1	
-250	315.4	250	223	27	-	63	50	-	1	
-275	340.4	275	248	27	-	63	50	-	1	
-300	365.4	300	273	27	-	63	50	-	1	
-330	395.4	330	303	27	-	63	50	-	1	
-D63-100	165.4	100	63	27	37	63	63	61	2	
-125	190.4	125	88	27	37	63	63	61	2	
-150	215.4	150	113	27	37	63	63	61	2	
-175	240.4	175	138	27	37	63	63	61	2	
-200	265.4	200	163	27	37	63	63	61	2	
-225	290.4	225	188	27	37	63	63	61	2	
-250	315.4	250	213	27	37	63	63	61	2	
-275	340.4	275	238	27	37	63	63	61	2	
-300	365.4	300	263	27	37	63	63	61	2	
-330	395.4	330	293	27	37	63	63	61	2	
-D73-100	165.4	100	63	27	37	63	73	61	2	
-125	190.4	125	88	27	37	63	73	61	2	
-150	215.4	150	113	27	37	63	73	61	2	
-175	240.4	175	138	27	37	63	73	61	2	
-200	265.4	200	163	27	37	63	73	61	2	
-225	290.4	225	188	27	37	63	73	61	2	
-250	315.4	250	213	27	37	63	73	61	2	
-275	340.4	275	238	27	37	63	73	61	2	
-300	365.4	300	263	27	37	63	73	61	2	
-330	395.4	330	293	27	37	63	73	61	2	

·BT40- 基础柄刀柄 BT40 SEMI-FINISHED TOOL HOLDER





配 件 Accessories



» P.K19

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

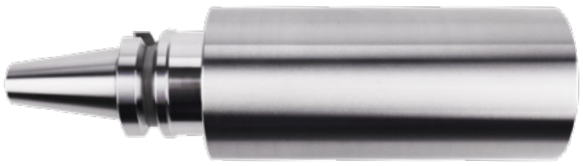
规 格 Model	L	L1	L2	L3	L4	D	D1	D2	重量 KGS
BT40- D83-100	165.4	100	63	27	37	63	83	61	
-125	190.4	125	88	27	37	63	83	61	
-150	215.4	150	113	27	37	63	83	61	
-175	240.4	175	138	27	37	63	83	61	
-200	265.4	200	163	27	37	63	83	61	
-225	290.4	225	188	27	37	63	83	61	
-250	315.4	250	213	27	37	63	83	61	
-275	340.4	275	238	27	37	63	83	61	
-300	365.4	300	263	27	37	63	83	61	
-330	395.4	330	293	27	37	63	83	61	
- D92-100	165.4	100	63	27	37	63	92	61	
-125	190.4	125	88	27	37	63	92	61	
-150	215.4	150	113	27	37	63	92	61	
-175	240.4	175	138	27	37	63	92	61	
-200	265.4	200	163	27	37	63	92	61	
-225	290.4	225	188	27	37	63	92	61	
-250	315.4	250	213	27	37	63	92	61	
-275	340.4	275	238	27	37	63	92	61	
-300	365.4	300	263	27	37	63	92	61	
-330	395.4	330	293	27	37	63	92	61	
-D102-100	165.4	100	63	27	37	63	102	61	
-125	190.4	125	88	27	37	63	102	61	
-150	215.4	150	113	27	37	63	102	61	
-175	240.4	175	138	27	37	63	102	61	
-200	265.4	200	163	27	37	63	102	61	
-225	290.4	225	188	27	37	63	102	61	
-250	315.4	250	213	27	37	63	102	61	
-275	340.4	275	238	27	37	63	102	61	
-300	365.4	300	263	27	37	63	102	61	
-330	395.4	330	293	27	37	63	102	61	
-D127-100	165.4	100	63	27	37	63	127	61	
-130	195.4	130	93	27	37	63	127	61	
-150	215.4	150	113	27	37	63	127	61	
-200	265.4	200	163	27	37	63	127	61	
-110	175.4	110	73	27	37	63	157	61	
-160	225.4	160	123	27	37	63	157	61	
-210	275.4	210	173	27	37	63	157	61	
-260	325.4	260	223	27	37	63	157	61	

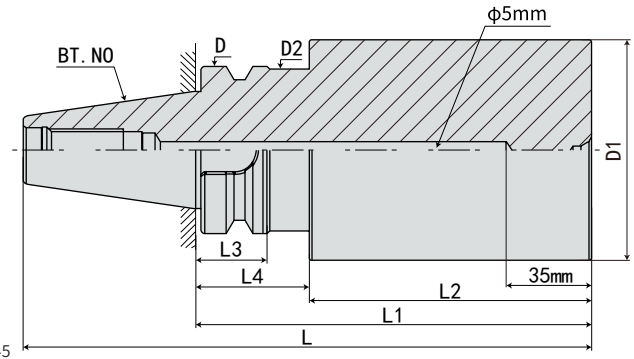
规格说明:

BT40 - D - 83 - 100

- 100 L1 长度 Length（L1）
- 83 刀杆直径 Diameter
- D 功能代号 Holder type
- BT40 锥柄形式 Taper size

·BT50- 基础柄刀柄 BT50 SEMI-FINISHED TOOL HOLDER





配 件 Accessories



» P.K19

- 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	重量 KGS
BT50-D102-110	211.8	110	62	38	48	100	102	98	
-160	261.8	160	112	38	48	100	102	98	
-210	311.8	210	162	38	48	100	102	98	
-260	361.8	260	212	38	48	100	102	98	
-310	411.8	310	262	38	48	100	102	98	
-D127-110	211.8	110	62	38	48	100	127	98	
-160	261.8	160	112	38	48	100	127	98	
-210	311.8	210	162	38	48	100	127	98	
-260	361.8	260	212	38	48	100	127	98	
-310	411.8	310	262	38	48	100	127	98	
-D157-110	211.8	110	62	38	48	100	157	98	
-160	261.8	160	112	38	48	100	157	98	
-210	311.8	210	162	38	48	100	157	98	
-260	361.8	260	212	38	48	100	157	98	
-310	411.8	310	262	38	48	100	157	98	

规格说明:

BT50 - D - 102 - 110

- 110 L1 长度 Length（L1）
- 102 刀杆直径 Diameter
- D 功能代号 Holder type
- BT50 锥柄形式 Taper size

·BT30-DC 后拉式刀柄

BT30-DC BACK LOCKING COLLET HOLDER



FIG. 1

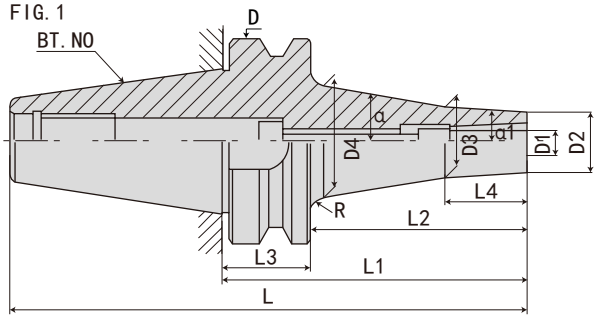
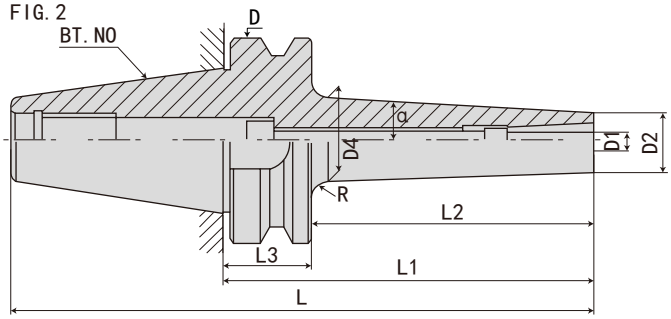


FIG. 2



配 件 Accessories



» P.K19

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	
- 90	138.4	90	68	22	-	46		13	-	19.5	3°	-	5	2	2-6mm	
-120	168.4	120	98	22	-	46		13	-	23	3°	-	5	2	2-6mm	
- DC8- 60	108.4	60	38	22	-	46		15	-	18.5	3°	-	5	2	2-8mm	
- 90	138.4	90	68	22	-	46		15	-	21.5	3°	-	5	2	2-8mm	
-120	168.4	120	98	22	-	46		15	-	24.5	3°	-	5	2	2-8mm	
-DC10- 90	138.4	90	68	22	-	46		22	-	29	3°	-	5	2	3-10mm	
-105	153.4	105	83	22		46		22		30	3°		5	1	3-10mm	
-DC12- 60	108.4	60	38	22	-	46		30	-	33.5	3°	-	5	2	3-12mm	
- 90	108.4	60	68	22	-	46		30	-	36.5	3°	-	5	2	3-12mm	

规格说明:

BT30 - DC - 6 - 60

- 60 — L1 长度 Length（L1）
- 6 — 夹持范围 Clamping Range
- DC — 功能代号 Holder type
- BT30 — 锥柄形式 Taper size

·BT40-DC 后拉式刀柄

BT40-DC BACK LOCKING COLLET HOLDER



配 件 Accessories



» P.K19

FIG. 1
BT. NO

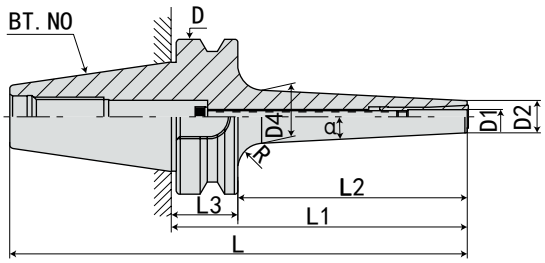
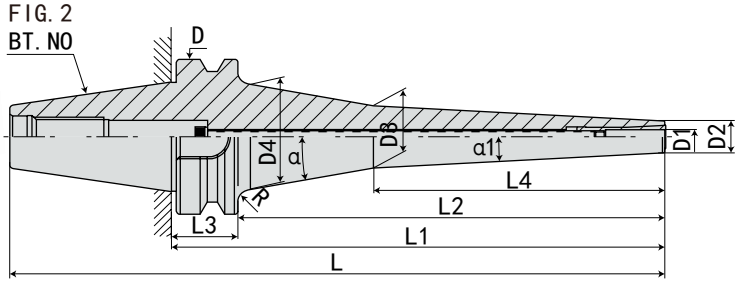


FIG. 2
BT. NO



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	
-120	185.4	120	93	27	-	63		13	-	21.5	3°	-	10	2	2-6mm	
-150	215.4	150	123	27	-	63		13	-	25	3°	-	10	2	2-6mm	
-200	265.4	200	173	27	118	63		13	25.5	43	10°	3°	5	1	2-6mm	
-250	315.4	250	223	27	168	63		13	30.5	48	10°	3°	5	1	2-6mm	
- DC8- 90	155.4	90	63	27	-	63		15	-	20.5	3°	-	10	2	2-8mm	
-120	185.4	120	93	27	-	63		15	-	23.5	3°	-	10	2	2-8mm	
-150	215.4	150	123	27	-	63		15	-	27	3°	-	10	2	2-8mm	
-200	265.4	200	173	27	118	63		15	27.5	45	10°	3°	5	1	2-8mm	
-250	315.4	250	223	27	168	63		15	32.5	50	10°	3°	5	1	2-8mm	
-DC10- 75	140.4	75	48	27	-	63		22	-	26	3°	-	10	2	3-10mm	
- 90	155.4	90	63	27	-	63		22	-	27.5	3°	-	10	2	3-10mm	
-120	185.4	120	93	27	-	63		22	-	30.5	3°	-	10	2	3-10mm	
-DC12- 90	155.4	90	63	27	-	63		30	-	35.5	3°	-	10	2	3-12mm	
-120	185.4	120	93	27	-	63		30	-	38.5	3°	-	10	2	3-12mm	
-150	215.4	150	123	27	-	63		30	-	42	3°	-	10	2	3-12mm	
-200	265.4	200	173	27	-	63		30	-	47.5	3°	-	5	2	3-12mm	

规格说明:

BT40 - DC - 6 - 90

- 90 — L1 长度 Length（L1）
- 6 — 夹持范围 Clamping Range
- DC — 功能代号 Holder type
- BT40 — 锥柄形式 Taper size

·BT50-DC 后拉式刀柄 BT50-DC BACK LOCKING COLLET HOLDER



FIG. 1

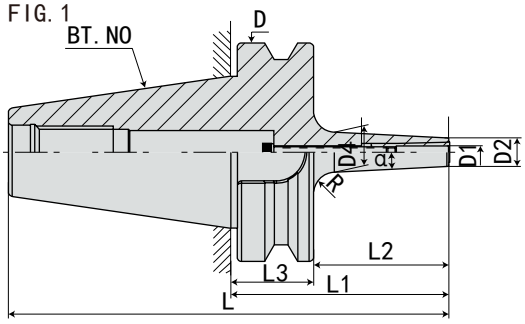
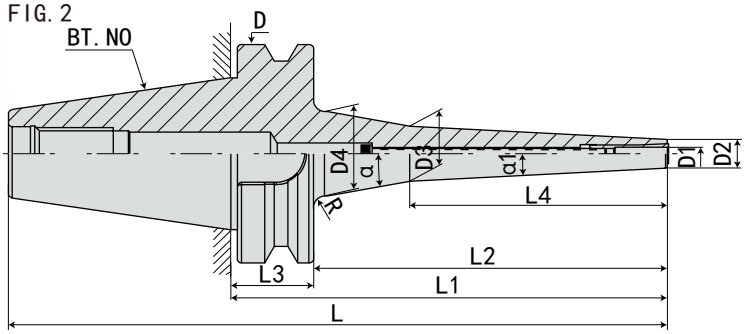


FIG. 2



配 件 Accessories



» P.K19

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	
-150	251.8	150	112	38	-	100		13	-	23.5	3°	-	10	2	2-6mm	
-200	301.8	200	162	38	102	100		13	23.5	41	10°	3°	10	1	2-6mm	
-250	351.8	250	212	38	152	100		13	29	46.5	10°	3°	10	1	2-6mm	
-300	401.8	300	262	38	202	100		13	34	51.5	10°	3°	10	1	2-6mm	
- DC8-100	201.8	100	62	38	-	100		15	-	20.5	3°	-	10	2	2-8mm	
-150	251.8	150	112	38	-	100		15	-	25.5	3°	-	10	2	2-8mm	
-200	301.8	200	162	38	102	100		15	25.5	43	10°	3°	10	1	2-8mm	
-250	351.8	250	212	38	152	100		15	31	48.5	10°	3°	10	1	2-8mm	
-300	401.8	300	262	38	202	100		15	36	53.5	10°	3°	10	1	2-8mm	
-DC10-100	201.8	100	62	38	-	100		22	-	27.5	3°	-	10	2	3-10mm	
-150	251.8	150	112	38	-	100		22	-	32.5	3°	-	10	2	3-10mm	
-200	301.8	200	162	38	102	100		22	32.5	50	10°	3°	10	1	3-10mm	
-DC12-100	201.8	100	62	38	-	100		30	-	35.5	3°	-	10	2	3-12mm	
-150	251.8	150	112	38	-	100		30	-	40.5	3°	-	10	2	3-12mm	
-200	301.8	200	162	38	102	100		30	40.5	58	10°	3°	10	1	3-12mm	
-250	351.8	250	212	38	152	100		30	46	63.5	10°	3°	10	1	3-12mm	
-300	401.8	300	262	38	202	100		30	51	68.5	10°	3°	10	1	3-12mm	

规格说明:

BT50 - DC - 6 - 100

- BT50 锥柄形式 Taper size
- DC 功能代号 Holder type
- 6 夹持范围 Clamping Range
- 100 L1 长度 Length（L1）

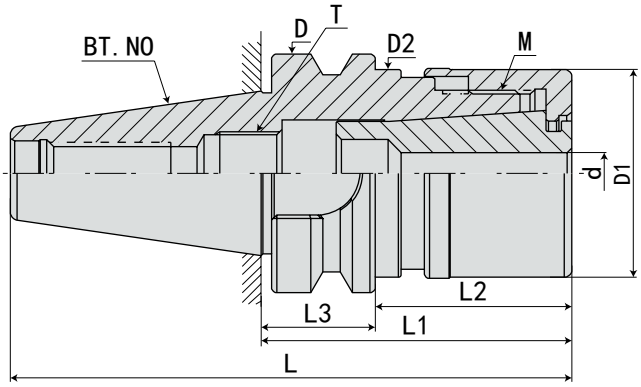
·BT30-GSK 高速刀柄 BT30-GSK HIGH SPEED COLLET CHUCK



配 件 Accessories



» P.K19



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
- 75	123.4	75	53	22	46	19.5	20	M15.5*1.0P	2-6mm	0.53
- 90	138.4	90	68	22	46	19.5	20	M15.5*1.0P	2-6mm	0.55
-GSK10- 60	108.4	60	38	22	46	27.1	27.6	M21.5*1.0P	3-10mm	0.53
- 75	123.4	75	53	22	46	27.1	27.6	M21.5*1.0P	3-10mm	0.6
- 90	138.4	90	68	22	46	27.1	27.6	M21.5*1.0P	3-10mm	0.67
-120	168.4	120	98	22	46	27.1	27.6	M21.5*1.0P	3-10mm	0.74
-GSK13- 60	108.4	60	38	22	46	33	33.5	M27.0*1.0P	3-13mm	0.55
- 75	123.4	75	53	22	46	33	33.5	M27.0*1.0P	3-13mm	0.62
- 90	138.4	90	68	22	46	33	33.5	M27.0*1.0P	3-13mm	0.69
-120	168.4	120	98	22	46	33	33.5	M27.0*1.0P	3-13mm	0.76
-GSK16- 60	108.4	60	38	22	46	40	40.5	M32.0*1.0P	3-16mm	0.58
- 75	123.4	75	53	22	46	40	40.5	M32.0*1.0P	3-16mm	0.64
- 90	138.4	90	68	22	46	40	40.5	M32.0*1.0P	3-16mm	0.7
-120	168.4	120	98	22	46	40	40.5	M32.0*1.0P	3-16mm	0.76
-GSK20- 60	108.4	60	38	22	46	48	48.5	M40.0*1.0P	4-20mm	0.63
- 75	123.4	75	53	22	46	48	48.5	M40.0*1.0P	4-20mm	0.8
- 90	138.4	90	68	22	46	48	48.5	M40.0*1.0P	4-20mm	0.97
-120	168.4	120	98	22	46	48	48.5	M40.0*1.0P	4-20mm	1.15

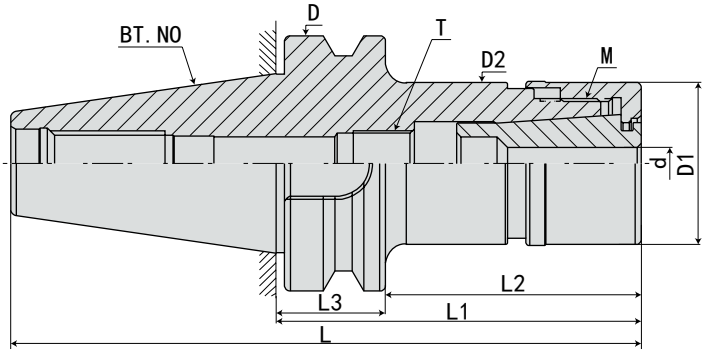
规格说明:

BT30 - GSK - 06 - 60

- 60 — L1 长度 Length (L1)
- 06 — 筒夹型号 Collect model
- GSK — 筒夹种类 Collect type GSK
- BT30 — 锥柄形式 Taper size

·BT40-GSK 高速刀柄 BT40-GSK HIGH SPEED COLLET CHUCK





配 件 Accessories



» P.K19

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
- 75	140.4	75	48	27	63	19.5	20	M15.5*1.0P	2-6mm	1.07
- 90	155.4	90	63	27	63	19.5	20	M15.5*1.0P	2-6mm	1.18
-120	185.4	120	93	27	63	19.5	20	M15.5*1.0P	2-6mm	1.3
-GSK10- 60	125.4	60	33	27	63	27.1	27.6	M21.5*1.0P	3-10mm	1.04
- 75	140.4	75	48	27	63	27.1	27.6	M21.5*1.0P	3-10mm	1.15
- 90	155.4	90	63	27	63	27.1	27.6	M21.5*1.0P	3-10mm	1.26
-120	185.4	120	93	27	63	27.1	27.6	M21.5*1.0P	3-10mm	1.37
-150	215.4	150	123	27	63	27.1	27.6	M21.5*1.0P	3-10mm	1.5
-GSK13- 60	125.4	60	33	27	63	33	33.5	M27.0*1.0P	3-13mm	1.12
- 75	140.4	75	48	27	63	33	33.5	M27.0*1.0P	3-13mm	1.22
- 90	155.4	90	63	27	63	33	33.5	M27.0*1.0P	3-13mm	1.33
-120	185.4	120	93	27	63	33	33.5	M27.0*1.0P	3-13mm	1.44
-150	215.4	150	123	27	63	33	33.5	M27.0*1.0P	3-13mm	1.55
-GSK16- 60	125.4	60	33	27	63	40	40.5	M32.0*1.0P	3-16mm	1.2
- 75	140.4	75	48	27	63	40	40.5	M32.0*1.0P	3-16mm	1.3
- 90	155.4	90	63	27	63	40	40.5	M32.0*1.0P	3-16mm	1.4
-120	185.4	120	93	27	63	40	40.5	M32.0*1.0P	3-16mm	1.5
-150	215.4	150	123	27	63	40	40.5	M32.0*1.0P	3-16mm	1.6
-GSK20- 60	125.4	60	33	27	63	48	48.5	M40.0*1.0P	4-20mm	1
- 75	140.4	75	48	27	63	48	48.5	M40.0*1.0P	4-20mm	1.15
- 90	155.4	90	63	27	63	48	48.5	M40.0*1.0P	4-20mm	1.3
-120	185.4	120	93	27	63	48	48.5	M40.0*1.0P	4-20mm	1.5
-150	215.4	150	123	27	63	48	48.5	M40.0*1.0P	4-20mm	1.7
-GSK25- 90	155.4	90	63	27	63	55	55.5	M45.0*1.0P	6-25mm	1.5
-120	185.4	120	93	27	63	55	55.5	M45.0*1.0P	6-25mm	1.8

规格说明:

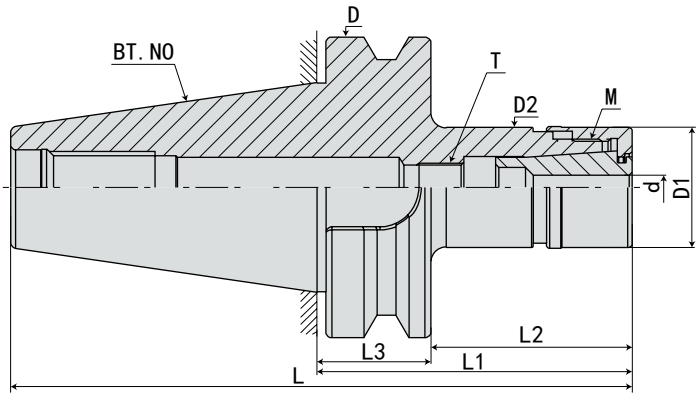
BT40 - GSK - 06 - 60

- 60 L1 长度 Length (L1)
- 06 筒夹型号 Collect model
- GSK 筒夹种类 Collect type GSK
- BT40 锥柄形式 Taper size

·BT50-GSK 高速刀柄

BT50-GSK HIGH SPEED COLLET CHUCK





配 件 Accessories



» P.K19

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
-135	198.8	135	97	38	100	27.1	27.6	M21.5*1.0P	3-10mm	3.8
-165	228.8	165	127	38	100	27.1	27.6	M21.5*1.0P	3-10mm	3.9
-GSK13-105	168.8	105	67	38	100	33	33.5	M27.0*1.0P	3-13mm	3.8
-135	198.8	135	97	38	100	33	33.5	M27.0*1.0P	3-13mm	3.9
-165	228.8	165	127	38	100	33	33.5	M27.0*1.0P	3-13mm	4
-GSK16-105	168.8	105	67	38	100	40	40.5	M32.0*1.0P	3-16mm	3.9
-135	198.8	135	97	38	100	40	40.5	M32.0*1.0P	3-16mm	4
-165	228.8	165	127	38	100	40	40.5	M32.0*1.0P	3-16mm	4.1
-200	263.8	200	162	38	100	40	40.5	M32.0*1.0P	3-16mm	4.3
-GSK20-105	168.8	105	67	38	100	48	48.5	M40.0*1.0P	4-20mm	4
-135	198.8	135	97	38	100	48	48.5	M40.0*1.0P	4-20mm	4.2
-165	228.8	165	127	38	100	48	48.5	M40.0*1.0P	4-20mm	4.4
-200	263.8	200	162	38	100	48	48.5	M40.0*1.0P	4-20mm	4.6
-GSK25-105	168.8	105	67	38	100	55	55.5	M45.0*1.0P	6-25mm	4.1
-135	198.8	135	97	38	100	55	55.5	M45.0*1.0P	6-25mm	4.43
-165	228.8	165	127	38	100	55	55.5	M45.0*1.0P	6-25mm	4.76
-200	263.8	200	162	38	100	55	55.5	M45.0*1.0P	6-25mm	5.1

规格说明:

BT50 - GSK - 10 - 105

- 105 — L1 长度 Length (L1)
- 10 — 筒夹型号 Collect model
- GSK — 筒夹种类 Collect type GSK
- BT50 — 锥柄形式 Taper size

·BT40-BST 镗孔组合刀柄 BT40-BST ROUGH BORING TOOL HOLDER



FIG. 1

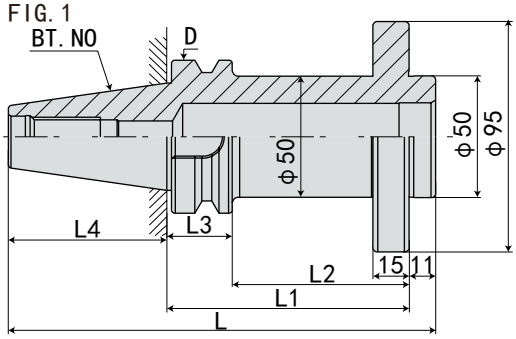
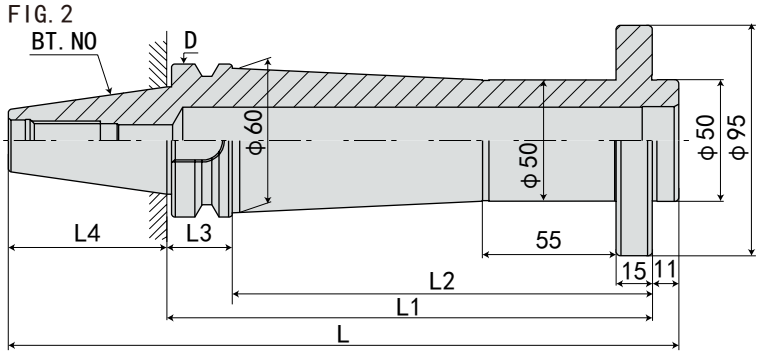


FIG. 2



配 件 Accessories



» P.K19

扫描二维码观看产品视频

规格 Model	L	L1	L2	L3	L4	D	FIG	重量 KGS
BT40-BST-100	175.4	100	73	27	65.4	63	1	3.35
-150	225.4	150	123	27	65.4	63	1	3.5
-200	275.4	200	173	27	65.4	63	1	4.5
-250	325.4	250	223	27	65.4	63	2	5
-300	375.4	300	273	27	65.4	63	2	5.5

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.

规格说明:

BT40 - BST - 100

- 100 — L1 长度 Length（L1）
- BST — 功能代号 Holder type
- BT40 — 锥柄形式 Taper size

·BT50-BST 镗孔组合刀柄

BT50-BST ROUGH BORING TOOL HOLDER





配 件 Accessories

» P.K19

FIG. 1

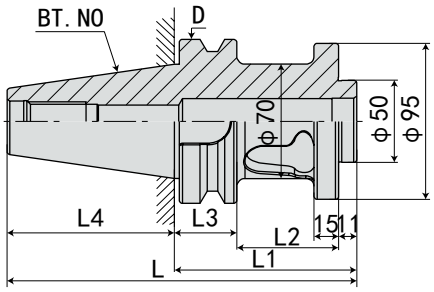
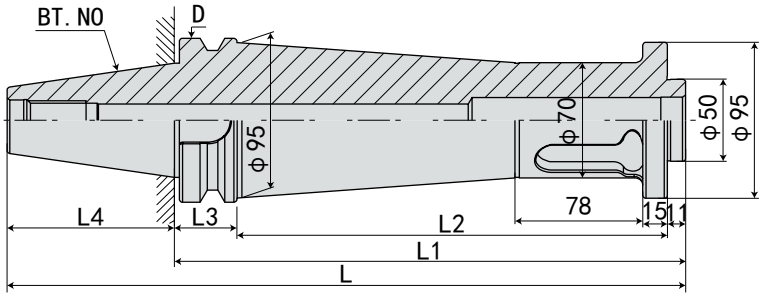


FIG. 2



扫描二维码观看产品视频

规格 Model	L	L1	L2	L3	L4	D	FIG	重量 KGS
BT50-BST-100	211.8	100	62	38	101.8	100	1	5.1
-150	261.8	150	112	38	101.8	100	1	6.85
-200	311.8	200	162	38	101.8	100	1	9.1
-250	361.8	250	212	38	101.8	100	1	9.5
-300	411.8	300	262	38	101.8	100	2	13.4
-350	461.8	350	312	38	101.8	100	2	15.75
-400	511.8	400	362	38	101.8	100	2	19.2
-450	561.8	450	412	38	101.8	100	2	21.5
-500	611.8	500	462	38	101.8	100	2	24.5
-550	661.8	550	512	38	101.8	100	2	27.5
-600	711.8	600	562	38	101.8	100	2	30.5

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.

规格说明:

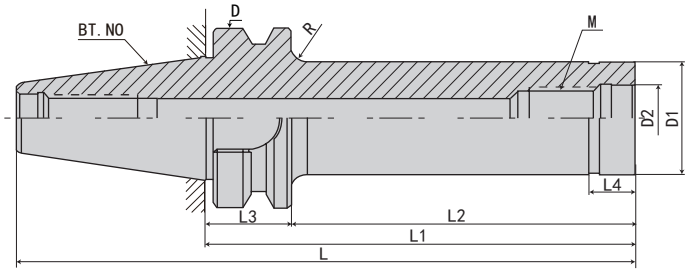
BT50 - BST - 100

- 100：L1 长度 Length（L1）
- BST：功能代号 Holder type
- BT50：锥柄形式 Taper size

·BT30-M 螺纹连接刀柄（直柄）

BT30-M THERADED CHUCK





配 件 Accessories



» P.K19

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	
- 90	138.4	90	68	22	12	46	15.4	8.5	M8*1.25P	4	0.5
-110	158.4	110	88	22	12	46	15.4	8.5	M8*1.25P	4	
-M10- 60	108.4	60	38	22	12	46	19	10.5	M10*1.5P	4	
- 90	138.4	90	68	22	12	46	19	10.5	M10*1.5P	4	0.5
-110	158.4	110	88	22	12	46	19	10.5	M10*1.5P	4	
-M12- 60	108.4	60	38	22	12	46	24	12.5	M12*1.75P	4	
- 90	138.4	90	68	22	12	46	24	12.5	M12*1.75P	4	0.6
-110	158.4	110	88	22	12	46	24	12.5	M12*1.75P	4	
-M16- 60	108.4	60	38	22	12	46	29	17	M16*2.0P	4	
- 90	138.4	90	68	22	12	46	29	17	M16*2.0P	4	0.7
-110	158.4	110	88	22	12	46	29	17	M16*2.0P	4	

规格说明:

BT30 - M - 08 - 60

- 60 — L1 长度 Length (L1)
- 08 — 接口大小 Interface size
- M — 功能代号 Holder type
- BT30 — 锥柄形式 Taper size

·BT40-M 螺纹连接刀柄（直柄）

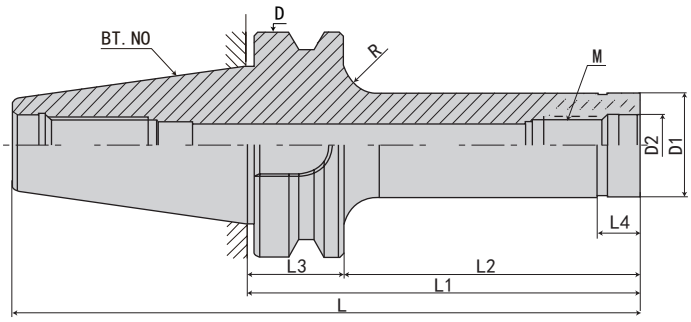
BT40-M THERADED CHUCK



配 件 Accessories



» P.K19



规格 Model	L	L1	L2	L3	L4	D	D1	D2	M	R	重量 KGS
BT40-M08- 60	125.4	60	33	27	12	63	15.4	8.5	M8*1.25P	10	1.1
- 90	155.4	90	63	27	12	63	15.4	8.5	M8*1.25P	10	1.2
-110	175.4	110	83	27	12	63	15.4	8.5	M8*1.25P	10	1.2
-M10- 60	125.4	60	33	27	12	63	19	10.5	M10*1.5P	10	1.1
- 90	155.4	90	63	27	12	63	19	10.5	M10*1.5P	10	1.1
-110	175.4	110	83	27	12	63	19	10.5	M10*1.5P	10	1.2
-M12- 60	125.4	60	33	27	12	63	24	12.5	M12*1.75P	10	1.2
- 90	155.4	90	63	27	12	63	24	12.5	M12*1.75P	10	1.3
-110	175.4	110	83	27	12	63	24	12.5	M12*1.75P	10	1.3
-M16- 60	125.4	60	33	27	12	63	29	17	M16*2.0P	10	1.2
- 90	155.4	90	63	27	12	63	29	17	M16*2.0P	10	1.3
-110	175.4	110	83	27	12	63	29	17	M16*2.0P	10	1.4

规格说明:

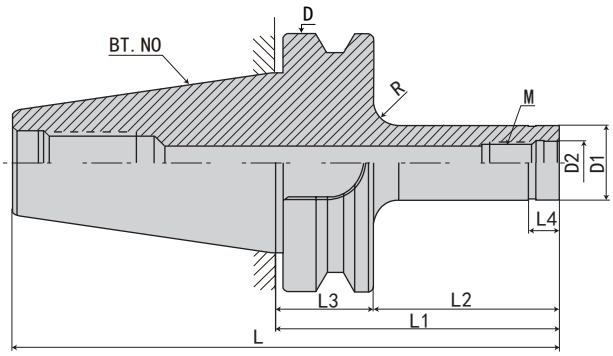
BT40 - M - 08 - 60

- 60 — L1 长度 Length (L1)
- 08 — 接口大小 Interface size
- M — 功能代号 Holder type
- BT40 — 锥柄形式 Taper size

·BT50-M 螺纹连接刀柄（直柄）

BT50-M THERADED CHUCK





配 件 Accessories



» P.K19

规格 Model	L	L1	L2	L3	L4	D	D1	D2	M	R	重量 KGS
BT50-M08- 60	161.8	60	22	38	12	100	15.4	8.5	M8*1.25P	10	
- 90	191.8	90	52	38	12	100	15.4	8.5	M8*1.25P	10	3.8
-110	211.8	110	72	38	12	100	15.4	8.5	M8*1.25P	10	3.8
-M10- 60	161.8	60	22	38	12	100	19	10.5	M10*1.5P	10	
- 90	191.8	90	52	38	12	100	19	10.5	M10*1.5P	10	3.8
-110	211.8	110	72	38	12	100	19	10.5	M10*1.5P	10	3.8
-M12- 60	161.8	60	22	38	12	100	24	12.5	M12*1.75P	10	
- 90	191.8	90	52	38	12	100	24	12.5	M12*1.75P	10	3.9
-110	211.8	110	72	38	12	100	24	12.5	M12*1.75P	10	3.9
-M16- 60	161.8	60	22	38	12	100	29	17	M16*2.0P	10	3.9
- 90	191.8	90	52	38	12	100	29	17	M16*2.0P	10	3.9
-110	211.8	110	72	38	12	100	29	17	M16*2.0P	10	3.9

规格说明:

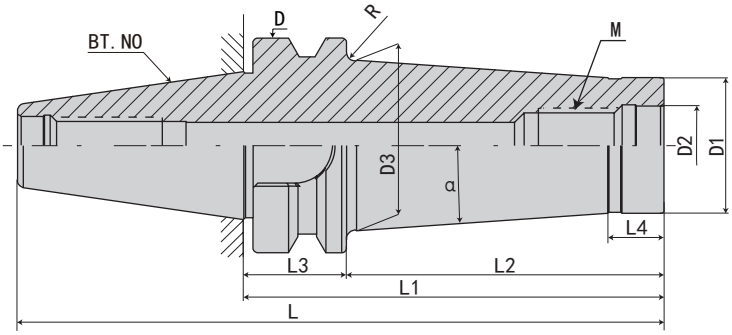
BT50 - M - 08 - 60

- 60 — L1 长度 Length (L1)
- 08 — 接口大小 Interface size
- M — 功能代号 Holder type
- BT50 — 锥柄形式 Taper size

·BT30-M 螺纹连接刀柄（斜柄）

BT30-M THERADED CHUCK





配 件 Accessories



» P.K19

扫描二维码观看产品视频

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
-90-A5	138.4	90	68	22	12	46	15.4	8.5	24.5	M8*1.25P	5°	4	
-M10-60-A4	108.4	60	38	22	12	46	19	10.5	22	M10*1.5P	4°	4	0.5
-90-A4	138.4	90	68	22	12	46	19	10.5	26	M10*1.5P	4°	4	
-M12-60-A4	108.4	60	38	22	12	46	24	12.5	27	M12*1.75P	4°	4	0.5
-90-A4	138.4	90	68	22	12	46	24	12.5	31.5	M12*1.75P	4°	2	
-M16-60-A4	108.4	60	38	22	12	46	29	17	32.5	M16*2.0P	4°	2	0.6
-90-A4	138.4	90	68	22	12	46	29	17	36.5	M16*2.0P	4°	2	0.7

规格说明:

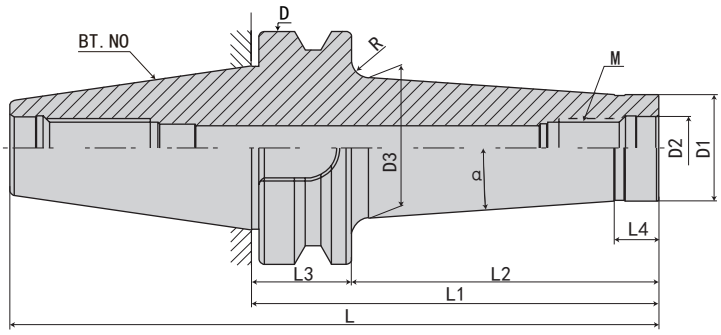
BT30 - M - 08 - 60 - A5

- A5 单边锥度 Unilateral taper
- 60 L1 长度 Length (L1)
- 08 接口大小 Interface size
- M 功能代号 Holder type
- BT30 锥柄形式 Taper size

·BT40-M 螺纹连接刀柄（斜柄）

BT40-M THERADED CHUCK





配 件 Accessories



» P.K19

扫描二维码观看产品视频

规格 Model	L	L1	L2	L3	L4	D	D1	D2	D3	M	α	R	重量 KGS
BT40-M08- 60-A5	125.4	60	33	27	12	63	15.4	8.5	18	M8*1.25P	5°	5	1.1
- 90-A5	155.4	90	63	27	12	63	15.4	8.5	23.5	M8*1.25P	5°	5	1.2
-110-A5	175.4	110	83	27	12	63	15.4	8.5	27	M8*1.25P	5°	5	1.3
-150-A5	215.4	150	123	27	12	63	15.4	8.5	34	M8*1.25P	5°	5	1.5
-200-A5	265.4	200	173	27	12	63	15.4	8.5	42.5	M8*1.25P	5°	5	
-M10- 60-A4	125.4	60	33	27	12	63	19	10.5	21.5	M10*1.5P	4°	5	1.1
- 90-A4	155.4	90	63	27	12	63	19	10.5	25.5	M10*1.5P	4°	5	1.2
-110-A4	175.4	110	83	27	12	63	19	10.5	28.5	M10*1.5P	4°	5	1.3
-150-A4	215.4	150	123	27	12	63	19	10.5	34	M10*1.5P	4°	5	1.6
-200-A4	265.4	200	173	27	12	63	19	10.5	41	M10*1.5P	4°	5	2
-M12- 60-A4	125.4	60	33	27	12	63	23	12.5	25.5	M12*1.75P	4°	5	1.2
- 90-A4	155.4	90	63	27	12	63	23	12.5	29.5	M12*1.75P	4°	5	1.2
-110-A4	175.4	110	83	27	12	63	23	12.5	32.5	M12*1.75P	4°	5	1.5
-135-A4	200.4	135	108	27	12	63	23	12.5	36	M12*1.75P	4°	5	1.6
-150-A4	215.4	150	123	27	12	63	23	12.5	38	M12*1.75P	4°	5	1.7
-200-A4	265.4	200	173	27	12	63	23	12.5	45	M12*1.75P	4°	5	2.5
-M16- 60-A4	125.4	60	33	27	12	63	28.8	17	31	M16*2.0P	4°	5	
- 90-A4	155.4	90	63	27	12	63	28.8	17	35.5	M16*2.0P	4°	5	
-110-A4	175.4	110	83	27	12	63	28.8	17	38	M16*2.0P	4°	5	
-135-A4	200.4	135	108	27	12	63	28.8	17	41.5	M16*2.0P	4°	5	1.7
-150-A4	215.4	150	123	27	12	63	28.8	17	43.5	M16*2.0P	4°	5	
-200-A4	265.4	200	173	27	12	63	28.8	17	50.5	M16*2.0P	4°	5	

规格说明:

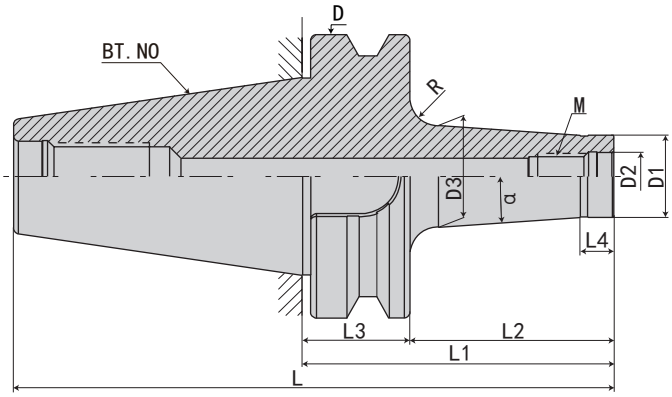
BT40 - M - 08 - 60 - A5

- A5 单边锥度 Unilateral taper
- 60 L1 长度 Length (L1)
- 08 接口大小 Interface size
- M 功能代号 Holder type
- BT40 锥柄形式 Taper size

·BT50-M 螺纹连接刀柄（斜柄）

BT50-M THERADED CHUCK





配 件 Accessories



» P.K19

扫描二维码观看产品视频

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	
- 90-A5	194.8	90	52	38	12	100	15.4	8.5	20.5	M8*1.25P	5°	10	3.9
-110-A5	211.8	110	72	38	12	100	15.4	8.5	24	M8*1.25P	5°	10	4
-150-A5	251.8	150	112	38	12	100	15.4	8.5	31	M8*1.25P	5°	10	4.3
-200-A5	301.8	200	162	38	12	100	15.4	8.5	40	M8*1.25P	5°	10	5
-250-A5	351.8	250	212	38	12	100	15.4	8.5	48.5	M8*1.25P	5°	10	
-300-A5	401.8	300	262	38	12	100	15.4	8.5	57.5	M8*1.25P	5°	10	
-M10- 60-A4	161.8	60	22	38	12	100	19	10.5	20.5	M10*1.5P	4°	10	
- 90-A4	194.8	90	52	38	12	100	19	10.5	23	M10*1.5P	4°	10	3.9
-110-A4	211.8	110	72	38	12	100	19	10.5	26	M10*1.5P	4°	10	4
-150-A4	251.8	150	112	38	12	100	19	10.5	31.5	M10*1.5P	4°	10	4.3
-200-A4	301.8	200	162	38	12	100	19	10.5	38.5	M10*1.5P	4°	10	4.7
-250-A4	351.8	250	212	38	12	100	19	10.5	45.5	M10*1.5P	4°	10	
-300-A4	401.8	300	262	38	12	100	19	10.5	52.5	M10*1.5P	4°	10	6.4
-M12- 60-A4	161.8	60	22	38	12	100	24	12.5	25.5	M12*1.75P	4°	10	
- 90-A4	194.8	90	52	38	12	100	24	12.5	28	M12*1.75P	4°	10	4.2
-110-A4	211.8	110	72	38	12	100	24	12.5	31	M12*1.75P	4°	10	4.1
-135-A4	236.8	135	97	38	12	100	24	12.5	34.5	M12*1.75P	4°	10	4.3
-150-A4	251.8	150	112	38	12	100	24	12.5	36.5	M12*1.75P	4°	10	4.6
-200-A4	301.8	200	162	38	12	100	24	12.5	43.5	M12*1.75P	4°	10	5.2
-250-A4	351.8	250	212	38	12	100	24	12.5	50.5	M12*1.75P	4°	10	5.8
-300-A4	401.8	300	262	38	12	100	24	12.5	57.5	M12*1.75P	4°	10	7.2
-M16- 60-A4	161.8	60	22	38	12	100	29	17	30.5	M16*2.0P	4°	10	
- 90-A4	194.8	90	52	38	12	100	29	17	33	M16*2.0P	4°	10	4
-110-A4	211.8	110	72	38	12	100	29	17	36	M16*2.0P	4°	10	4.2
-135-A4	236.8	135	97	38	12	100	29	17	39.5	M16*2.0P	4°	10	4.4
-150-A4	251.8	150	112	38	12	100	29	17	41.5	M16*2.0P	4°	10	4.8
-200-A4	301.8	200	162	38	12	100	29	17	48.5	M16*2.0P	4°	10	5.5
-250-A4	351.8	250	212	38	12	100	29	17	55.5	M16*2.0P	4°	10	6.2
-300-A4	401.8	300	262	38	12	100	29	17	62.5	M16*2.0P	4°	10	

规格说明:

BT50 - M - 08 - 60 - A5

- 单边锥度 Unilateral taper
- L1 长度 Length (L1)
- 接口大小 Interface size
- 功能代号 Holder type
- 锥柄形式 Taper size

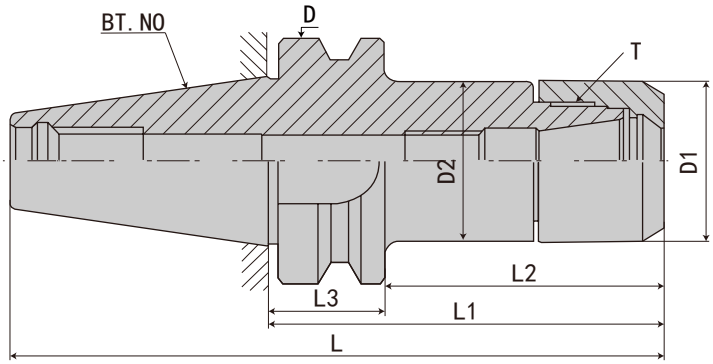
·BT30-HGER 高速刀柄 BT30-HGER HIGH SPEED ER COLLET CHUCK



配 件 Accessories



» P.K19



规格 Model	L	L1	L2	L3	D	D1	D2	T	夹持范围 Range	重量 KGS
BT30-HGER16- 60	108.4	60	38	22	46	30	30.5	TR22*1.5	3-10mm	0.58
- 75	123.4	75	53	22	46	30	30.5	TR22*1.5	3-10mm	0.63
- 90	138.4	90	68	22	46	30	30.5	TR22*1.5	3-10mm	0.68
-120	168.4	120	98	22	46	30	30.5	TR22*1.5	3-10mm	0.73
-HGER20- 60	108.4	60	38	22	46	32	32.5	TR26*1.5	3-13mm	0.63
- 75	123.4	75	53	22	46	32	32.5	TR26*1.5	3-13mm	0.8
- 90	138.4	90	68	22	46	32	32.5	TR26*1.5	3-13mm	0.97
-120	168.4	120	98	22	46	32	32.5	TR26*1.5	3-13mm	1.15
-HGER25- 60	108.4	60	38	22	46	40	40.5	TR32*1.5	3-16mm	0.61
- 75	123.4	75	53	22	46	40	40.5	TR32*1.5	3-16mm	0.81
- 90	138.4	90	68	22	46	40	40.5	TR32*1.5	3-16mm	1.01
-120	168.4	120	98	22	46	40	40.5	TR32*1.5	3-16mm	1.25
-HGER32- 75	123.4	75	53	22	46	50	45	TR40*1.5	3-20mm	0.8
- 90	138.4	90	68	22	46	50	45	TR40*1.5	3-20mm	0.9
-120	168.4	120	98	22	46	50	45	TR40*1.5	3-20mm	1.3

规格说明:

BT30 - HGER - 16 - 60

- 60 — L1 长度 Length (L1)
- 16 — 筒夹型号 Collect model
- HGER — 筒夹种类 Collect type HGER
- BT30 — 锥柄形式 Taper size

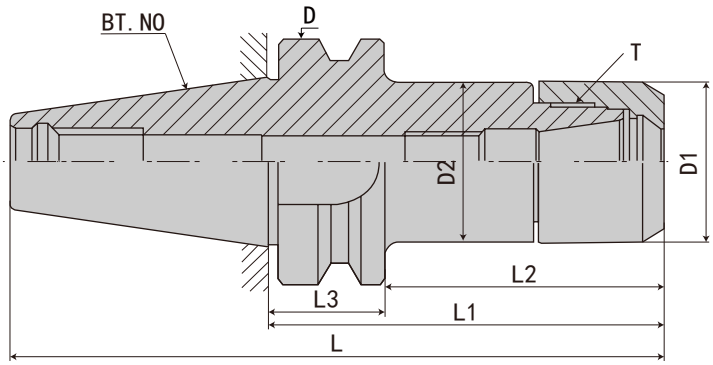
·BT40-HGER 高速刀柄 BT40-HGER HIGH SPEED ER COLLET CHUCK



配 件 Accessories



» P.K19



规格 Model	L	L1	L2	L3	D	D1	D2	T	夹持范围 Range	重量 KGS
BT40-HGER16- 75	140.4	75	48	27	63	30	30.5	TR22*1.5	3-20mm	1.3
- 90	155.4	90	63	27	63	30	30.5	TR22*1.5	3-10mm	1.3
-120	185.4	120	93	27	63	30	30.5	TR22*1.5	3-10mm	1.45
-150	215.4	150	123	27	63	30	30.5	TR22*1.5	3-10mm	1.6
-HGER20- 75	140.4	75	48	27	63	32	32.5	TR26*1.5	3-13mm	1.2
- 90	155.4	90	63	27	63	32	32.5	TR26*1.5	3-13mm	1.4
-120	185.4	120	93	27	63	32	32.5	TR26*1.5	3-13mm	1.55
-150	215.4	150	123	27	63	32	32.5	TR26*1.5	3-13mm	1.7
-HGER25- 75	140.4	75	48	27	63	40	40.5	TR32*1.5	3-16mm	1.3
- 90	155.4	90	63	27	63	40	40.5	TR32*1.5	3-16mm	1.6
-120	185.4	120	93	27	63	40	40.5	TR32*1.5	3-16mm	1.83
-150	215.4	150	123	27	63	40	40.5	TR32*1.5	3-16mm	2.05
-HGER32- 75	140.4	75	48	27	63	50	50.5	TR40*1.5	3-20mm	1.4
- 90	155.4	90	63	27	63	50	50.5	TR40*1.5	3-20mm	1.7
-120	185.4	120	93	27	63	50	50.5	TR40*1.5	3-20mm	2.05
-150	215.4	150	123	27	63	50	50.5	TR40*1.5	3-20mm	2.4

规格说明:

BT40 - HGER - 16 - 75

- 75 — L1 长度 Length (L1)
- 16 — 筒夹型号 Collect model
- HGER — 筒夹种类 Collect type HGER
- BT40 — 锥柄形式 Taper size

·BT50-HGER 高速刀柄

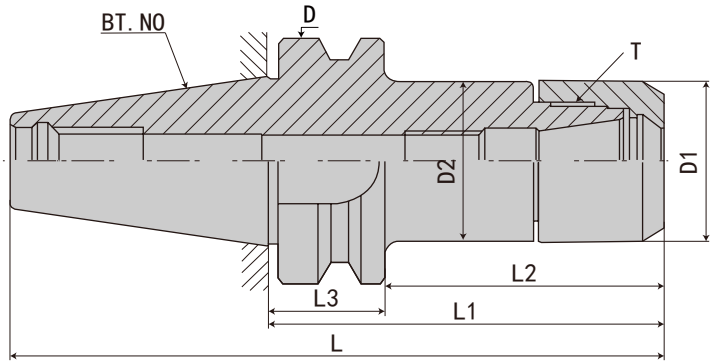
BT50-HGER HIGH SPEED ER COLLET CHUCK



配 件 Accessories



» P.K19



规格 Model	L	L1	L2	L3	D	D1	D2	T	夹持范围 Range	重量 KGS
BT50-HGER16-105	206.8	105	67	38	100	30	30.5	TR22*1.5	3-10mm	3.9
-135	236.8	135	97	38	100	30	30.5	TR22*1.5	3-10mm	4.1
-165	266.8	165	127	38	100	30	30.5	TR22*1.5	3-10mm	4.25
-HGER20-105	206.8	105	67	38	100	32	32.5	TR26*1.5	3-13mm	4
-135	236.8	135	97	38	100	32	32.5	TR26*1.5	3-13mm	4.2
-165	266.8	165	127	38	100	32	32.5	TR26*1.5	3-13mm	4.35
-HGER25-105	206.8	105	67	38	100	40	40.5	TR32*1.5	3-16mm	4.1
-135	236.8	135	97	38	100	40	40.5	TR32*1.5	3-16mm	4.4
-165	266.8	165	127	38	100	40	40.5	TR32*1.5	3-16mm	4.7
-200	301.8	200	162	38	100	40	40.5	TR32*1.5	3-16mm	5.1
-HGER32-105	206.8	105	67	38	100	50	50.5	TR40*1.5	3-20mm	4.2
-135	236.8	135	97	38	100	50	50.5	TR40*1.5	3-20mm	4.7
-165	266.8	165	127	38	100	50	50.5	TR40*1.5	3-20mm	5.2
-200	301.8	200	162	38	100	50	50.5	TR40*1.5	3-20mm	5.7

规格说明:

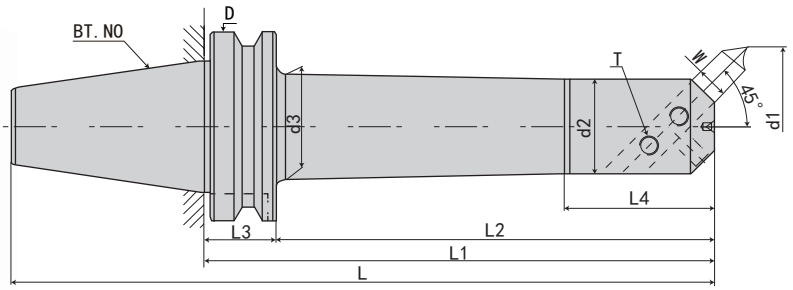
BT50 - HGER - 16 - 105

- 105 — L1 长度 Length (L1)
- 16 — 筒夹型号 Collect model
- HGER — 筒夹种类 Collect type HGER
- BT50 — 锥柄形式 Taper size

·BT40-BSA 45°粗镗刀杆（盲孔）

BT40-BSA 45° DEGREE SLANT-INSERTED TYPE ROUGH BORING HOLDERS





配 件 Accessories	
	
» P.K31	» P.K19

扫描二维码观看产品视频

规格 Model	d1		L	L1	L2	L3	L4	D	d2	d3	W 方孔	T 螺孔	重量 KGS
	最小加工孔 Min	最大加工孔 Max											
BT40-BSA25-120	25	38	185.4	120	93	27	35	63	20	22	8	M6*1.0P	1.2
-BSA30-150	30	42	215.4	150	123	27	40	63	24	26	8	M6*1.0P	1.4
-BSA38-165	38	52	230.4	165	138	27	50	63	30	33	10	M8*1.25P	1.7
-BSA42-165	42	56	230.4	165	138	27	50	63	34	37	10	M8*1.25P	2
-BSA50-165	50	65	230.4	165	138	27	65	63	40	44	13	M8*1.25P	2.3
-BSA62-180	62	90	245.4	180	153	27	80	63	50	56	16	M10*1.5P	2.4
-BSA72-180	72	110	245.4	180	153	27	95	63	60	-	19	M10*1.5P	3.9
-BSA90-180	90	125	245.4	180	153	27	110	63	75	-	19	M10*1.5P	5.2

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.

规格说明:

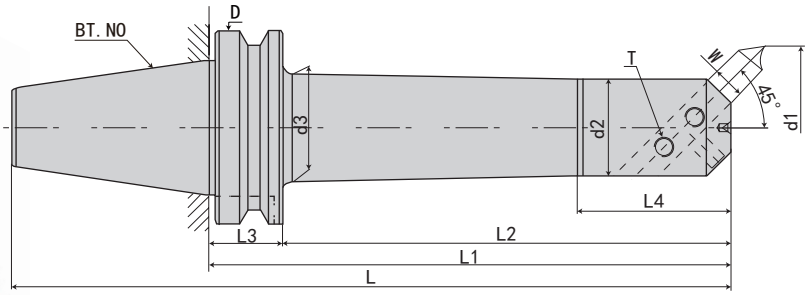
BT40 - BSA - 25 - 120

- 120 L1 长度 Length (L1)
- 25 刀片内孔直径 Diameter
- BSA 功能代号 Holder type
- BT40 锥柄形式 Taper size

·BT50-BSA 45°粗镗刀杆（盲孔）

BT50-BSA 45° DEGREE SLANT-INSERTED TYPE ROUGH BORING HOLDERS





配 件 Accessories

» P.K31

» P.K19

扫描二维码观看产品视频

规格 Model	d1		L	L1	L2	L3	L4	D	d2	d3	W 方孔	T 螺孔	重量 KGS
	最小加工孔 Min	最大加工孔 Max											
BT50-BSA25-135	25	38	236.8	135	97	38	35	100	20	22	8	M6*1.0P	4.2
-185	25	38	286.8	185	147	38	35	100	20	22	8	M6*1.0P	4.4
-BSA30-165	30	42	266.8	165	127	38	40	100	24	26	8	M6*1.0P	4.4
-BSA38-180	38	52	281.8	180	142	38	50	100	30	33	10	M8*1.25P	4.8
-240	38	52	341.8	240	202	38	50	100	30	33	10	M8*1.25P	5
-BSA42-210	42	56	311.8	210	172	38	60	100	34	37	10	M8*1.25P	5
-BSA50-180	50	65	281.8	180	142	38	65	100	40	44	13	M10*1.5P	5.4
-240	50	65	341.8	240	202	38	65	100	40	44	13	M10*1.5P	5.7
-300	50	65	401.8	300	262	38	65	100	40	44	13	M10*1.5P	6
-BSA62-195	62	90	296.8	195	157	38	80	100	50	56	16	M10*1.5P	6.2
-270	62	90	371.8	270	232	38	80	100	50	56	16	M10*1.5P	7.6
-350	62	90	451.8	350	312	38	80	100	50	56	16	M10*1.5P	9
-400	62	90	501.8	400	362	38	80	100	50	56	16	M10*1.5P	10.4
-BSA72-195	72	110	296.8	195	157	38	95	100	60	66	19	M10*1.5P	7
-285	72	110	386.8	285	247	38	95	100	60	66	19	M10*1.5P	9.2
-350	72	110	451.8	350	312	38	95	100	60	66	19	M10*1.5P	10.8
-400	72	110	501.8	400	362	38	95	100	60	66	19	M10*1.5P	12.4
-BSA90-210	90	125	311.8	210	172	38	110	100	75	80	19	M12*1.75P	9.3
-300	90	125	401.8	300	262	38	110	100	75	80	19	M12*1.75P	12.3
-350	90	125	451.8	350	312	38	110	100	75	80	19	M12*1.75P	15.3
-BSA105-195	105	160	296.8	195	157	38	-	100	90	-	25	M12*1.75P	10.7
-285	105	160	386.8	285	247	38	130	100	90	94	25	M12*1.75P	15
-300	105	160	401.8	300	262	38	130	100	90	94	25	M12*1.75P	13.2
-BSA130-255	130	190	356.8	255	217	38	120	100	110	-	25	M12*1.75P	14.5
-300	130	190	401.8	300	262	38	120	100	110	-	25	M12*1.75P	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.

规格说明:

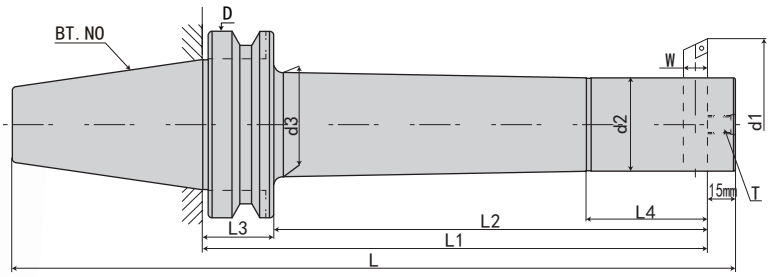
BT50 - BSA - 25 - 135

- 135 L1 长度 Length (L1)
- 25 刀片内孔直径 Diameter
- BSA 功能代号 Holder type
- BT50 锥柄形式 Taper size

·BT40-BSB 90°粗镗刀杆（通孔）

BT40-BSB 90° DEGREE SLANT-INSERTED TYPE ROUGH BORING HOLDERS





配 件 Accessories	
» P.K31	» P.K19

扫描二维码观看产品视频

规格 Model	d1		L	L1	L2	L3	L4	D	d2	d3	W 方孔	T 螺孔	重量 KGS
	最小加工孔 Min	最大加工孔 Max											
BT40-BSB25-120	25	52	200.4	120	93	27	35	63	20	22	8	M6*1.0P	1.2
-BSB30-150	30	57	230.4	150	123	27	40	63	25	27	8	M6*1.0P	1.5
-BSB38-165	38	70	245.4	165	138	27	55	63	30	33	10	M8*1.25P	1.7
-BSB42-165	42	74	245.4	165	138	27	55	63	34	37	10	M8*1.25P	2
-BSB50-165	50	90	245.4	165	138	27	55	63	40	44	13	M10*1.5P	2.5
-BSB62-180	62	115	260.4	180	153	27	80	63	50	56	16	M10*1.5P	3.6
-BSB72-180	72	125	260.4	180	153	27	80	63	60	66	19	M12*1.75P	4.6
-BSB90-180	90	150	260.4	180	153	27	115	63	75	-	19	M12*1.75P	5.9

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.

规格说明:

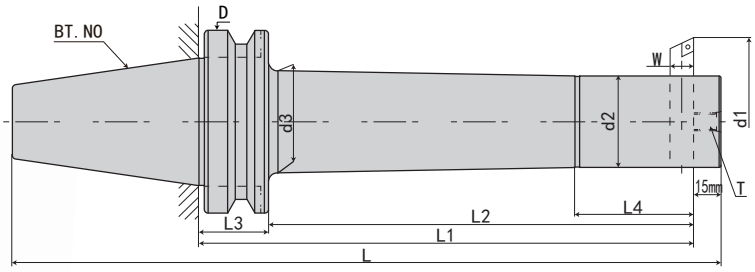
BT40 - BSB - 25 - 120

- 120 L1 长度 Length (L1)
- 25 刀片内孔直径 Diameter
- BSB 功能代号 Holder type
- BT40 锥柄形式 Taper size

·BT50-BSB 90°粗镗刀杆（通孔）

BT50-BSB 90° DEGREE SLANT-INSERTED TYPE ROUGH BORING HOLDERS





配 件 Accessories	
» P.K31	» P.K19

扫描二维码观看产品视频

规格 Model	d1		L	L1	L2	L3	L4	D	d2	d3	W 方孔	T 螺孔	重量 KGS
	最小加工孔 Min	最大加工孔 Max											
BT50-BSB25-135	25	52	251.8	135	97	38	35	100	20	22	8	M6*1.0P	4.3
-185	25	52	301.8	185	147	38	35	100	20	22	8	M6*1.0P	4.4
-BSB30-165	30	42	281.8	165	127	38	40	100	24	26	8	M6*1.0P	4.2
-BSB38-180	38	70	296.8	180	142	38	55	100	30	33	10	M8*1.25P	4.9
-240	38	70	356.8	240	202	38	55	100	30	33	10	M8*1.25P	5.2
-BSB42-210	42	56	326.8	210	172	38	60	100	34	37	10	M8*1.25P	5
-BSB50-180	50	90	296.8	180	142	38	70	100	40	44	13	M10*1.5P	5.5
-240	50	90	356.8	240	202	38	70	100	40	44	13	M10*1.5P	6.1
-300	50	90	416.8	300	262	38	70	100	40	44	13	M10*1.5P	6.7
-BSB62-195	62	115	311.8	195	157	38	80	100	50	56	16	M10*1.5P	6.4
-270	62	115	386.8	270	232	38	80	100	50	56	16	M10*1.5P	7.8
-350	62	115	466.8	350	312	38	80	100	50	56	16	M10*1.5P	8.8
-400	62	115	516.8	400	362	38	80	100	50	56	16	M10*1.5P	10.2
-BSB72-195	72	135	311.8	195	157	38	95	100	60	66	19	M12*1.75P	7.3
-285	72	135	401.8	285	247	38	95	100	60	66	19	M12*1.75P	9.6
-350	72	135	466.8	350	312	38	95	100	60	66	19	M12*1.75P	11.6
-400	72	135	516.8	400	362	38	95	100	60	66	19	M12*1.75P	13.6
-BSB90-210	90	150	326.8	210	172	38	115	100	75	80	19	M12*1.75P	9.7
-300	90	150	416.8	300	262	38	115	100	75	80	19	M12*1.75P	12.8
-350	90	150	466.8	350	312	38	115	100	75	80	19	M12*1.75P	16
-BSB105-195	105	190	311.8	195	157	38	-	100	90	90	25	M12*1.75P	11.4
-285	105	190	401.8	285	247	38	135	100	90	94	25	M12*1.75P	15.7
-300	105	190	416.8	300	262	38	135	100	90	94	25	M12*1.75P	17
-BSB130-255	130	260	371.8	255	217	38	60	100	110	-	25	M12*1.75P	14.1
-300	130	260	416.8	300	262	38	60	100	110	-	25	M12*1.75P	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.

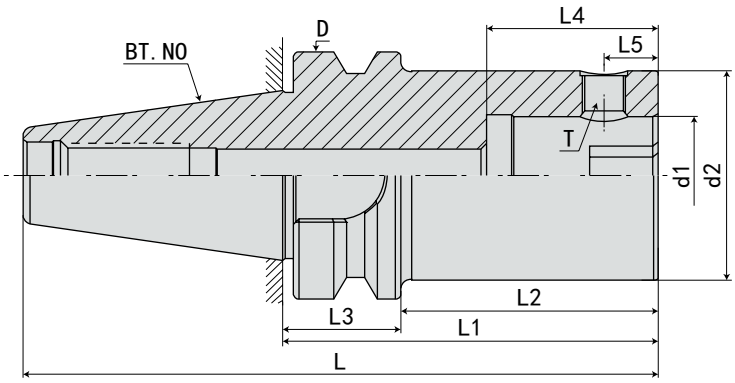
规格说明:

BT50 - BSB - 25 - 135

- 135 L1 长度 Length (L1)
- 25 刀片内孔直径 Diameter
- BSB 功能代号 Holder type
- BT50 锥柄形式 Taper size

·BT30-CK 镗头刀柄 BT30-CK BORING HEAD SHANK





配 件 Accessories



» P.K19

规格 Model	L	L1	L2	L3	L4	L5	D	d1	d2	侧边螺丝 Screw	重量 KGS
BT30-CK1-55	103.4	55	33	22	30	5.05	46	11	19	M4*0.5P	0.7
-70	118.4	70	48	22	30	5.05	46	11	19	M4*0.5P	0.7
-CK2-80	128.4	80	58	22	31	6.62	46	14	24	M5*0.5P	0.8
-CK3-80	128.4	80	58	22	35	8	46	18	31	M6*0.75P	0.9
-CK4-70	118.4	70	48	22	39	10	46	22	39	M8*0.75P	1
-CK5-60	108.4	60	38	22	45	13	46	28	50	M10*1.0P	1.1
-CK6-60	108.4	60	38	22	55	16	46	36	63	M12*1.0P	1.2

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.

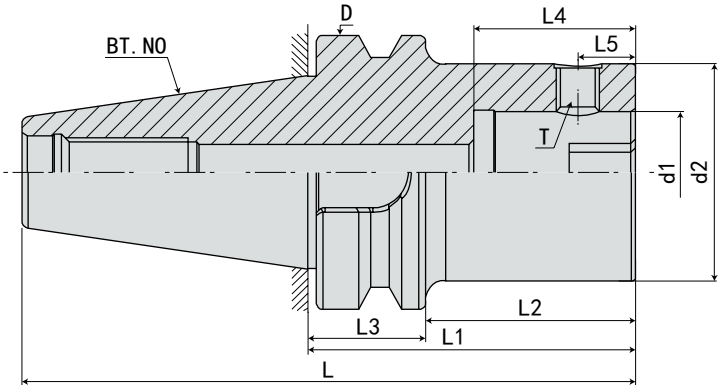
规格说明:

BT30 - CK - 1 - 55

- 55 L1 长度 Length (L1)
- 1 接口锥度 Taper No. of cutter
- CK 功能代号 Holder type
- BT30 锥柄形式 Taper size

·BT40-CK 镗头刀柄 BT40-CK BORING HEAD SHANK





配 件 Accessories



» P.K19

规格 Model	L	L1	L2	L3	L4	L5	D	d1	d2	侧边螺丝 Screw	重量 KGS
BT40-CK1- 75	140.4	75	48	27	30	5.05	63	11	19	M4*0.5P	1
-105	170.4	105	78	27	30	5.05	63	11	19	M4*0.5P	1.2
-CK2- 85	150.4	85	58	27	31	6.62	63	14	24	M5*0.5P	1.2
-115	180.4	115	88	27	31	6.62	63	14	24	M5*0.5P	1.3
-CK3- 95	160.4	95	68	27	35	8	63	18	31	M6*0.75P	1.1
-125	190.4	125	98	27	35	8	63	18	31	M6*0.75P	1.2
-155	220.4	155	128	27	35	8	63	18	31	M6*0.75P	1.6
-185	250.4	185	158	27	35	8	63	18	31	M6*0.75P	1.7
-205	270.4	205	178	27	35	8	63	18	31	M6*0.75P	1.8
-CK4- 85	150.4	85	58	27	39	10	63	22	39	M8*0.75P	1.45
-130	195.4	130	103	27	39	10	63	22	39	M8*0.75P	1.5
-175	240.4	175	148	27	39	10	63	22	39	M8*0.75P	2.1
-205	270.4	205	178	27	39	10	63	22	39	M8*0.75P	2.2
-250	315.4	250	223	27	39	10	63	22	39	M8*0.75P	2.3
-300	365.4	300	273	27	39	10	63	22	39	M8*0.75P	
-CK5- 75	140.4	75	48	27	45	13	63	28	50	M10*1.0P	1.7
-125	190.4	125	98	27	45	13	63	28	50	M10*1.0P	1.95
-175	240.4	175	148	27	45	13	63	28	50	M10*1.0P	3
-205	270.4	205	178	27	45	13	63	28	50	M10*1.0P	3.2
-250	315.4	250	223	27	45	13	63	28	50	M10*1.0P	3.5
-300	365.4	300	273	27	45	13	63	28	50	M10*1.0P	
-CK6- 65	130.4	65	38	27	55	16	63	36	63	M12*1.0P	2.15
-115	180.4	115	88	27	55	16	63	36	63	M12*1.0P	3.5
-165	230.4	165	138	27	55	16	63	36	63	M12*1.0P	3.85
-205	270.4	205	178	27	55	16	63	36	63	M12*1.0P	4.1
-250	315.4	250	223	27	55	16	63	36	63	M12*1.0P	
-300	365.4	300	273	27	55	16	63	36	63	M12*1.0P	

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.

规格说明:

BT40 - CK - 1 - 75

- 75 — L1 长度 Length (L1)
- 1 — 接口锥度 Taper No. of cutter
- CK — 功能代号 Holder type
- BT40 — 锥柄形式 Taper size

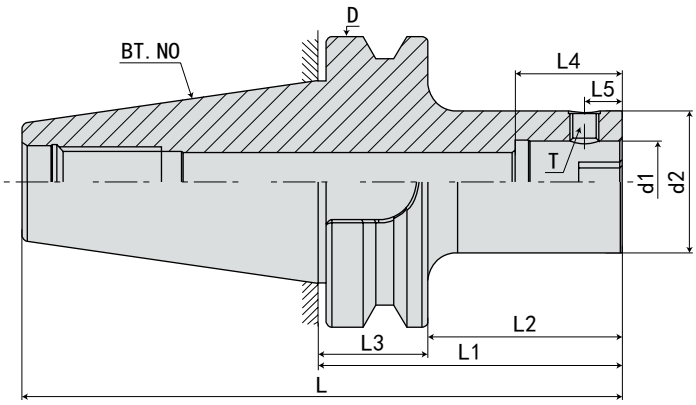
·BT50-CK 镗头刀柄 BT50-CK BORING HEAD SHANK



配 件 Accessories



» P.K19



规格 Model	L	L1	L2	L3	L4	L5	D	d1	d2	侧边螺丝 Screw	重量 KGS
BT50-CK1- 90	191.8	90	52	38	30	5.05	100	11	19	M4*0.5P	3.7
-115	216.8	115	77	38	30	5.05	100	11	19	M4*0.5P	3.9
-145	246.8	145	107	38	30	5.05	100	11	19	M4*0.5P	4.4
-175	276.8	175	137	38	30	5.05	100	11	19	M4*0.5P	4.5
-205	306.8	205	167	38	30	5.05	100	11	19	M4*0.5P	4.4
-CK2- 90	191.8	90	52	38	31	6.62	100	14	24	M5*0.5P	3.8
-110	211.8	110	72	38	31	6.62	100	14	24	M5*0.5P	4
-140	241.8	140	102	38	31	6.62	100	14	24	M5*0.5P	5
-175	276.8	175	137	38	31	6.62	100	14	24	M5*0.5P	4.2
-205	306.8	205	167	38	31	6.62	100	11	19	M5*0.5P	4.6
-CK3- 90	191.8	90	52	38	35	8	100	18	31	M6*0.75P	4.4
-125	226.8	125	87	38	35	8	100	18	31	M6*0.75P	4.4
-155	256.8	155	117	38	35	8	100	18	31	M6*0.75P	4.6
-185	286.8	185	147	38	35	8	100	18	31	M6*0.75P	4.7
-215	316.8	215	177	38	35	8	100	18	31	M6*0.75P	4.9
-CK4- 90	191.8	90	52	38	39	10	100	22	39	M8 *0.75P	4.6
-115	216.8	115	77	38	39	10	100	22	39	M8*0.75P	4.8
-145	246.8	145	107	38	39	10	100	22	39	M8*0.75P	4.7
-175	276.8	175	137	38	39	10	100	22	39	M8*0.75P	5.1
-205	306.8	205	167	38	39	10	100	22	39	M8*0.75P	5.4
-250	351.8	250	212	38	39	10	100	22	39	M8*0.75P	5.8
-300	401.8	300	262	38	39	10	100	22	39	M8*0.75P	
-350	451.8	350	312	38	39	10	100	22	39	M8*0.75P	

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.

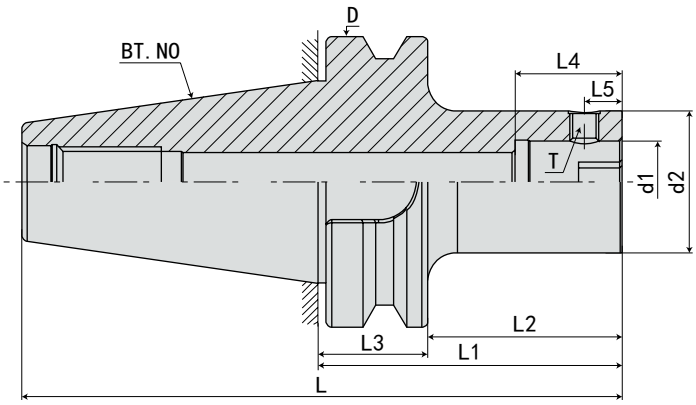
规格说明:

BT50 - CK - 1 - 90

- 90 — L1 长度 Length (L1)
- 1 — 接口锥度 Taper No. of cutter
- CK — 功能代号 Holder type
- BT50 — 锥柄形式 Taper size

·BT50-CK 镗头刀柄 BT50-CK BORING HEAD SHANK





配 件 Accessories



» P.K19

规格 Model	L	L1	L2	L3	L4	L5	D	d1	d2	侧边螺丝 Screw	重量 KGS
BT50-CK5- 90	191.8	90	52	38	45	13	100	28	50	M10*1.0P	5.4
-105	206.8	105	67	38	45	13	100	28	50	M10*1.0P	5.5
-150	251.8	150	112	38	45	13	100	28	50	M10*1.0P	6
-180	281.8	180	142	38	45	13	100	28	50	M10*1.0P	6.2
-240	341.8	240	202	38	45	13	100	28	50	M10*1.0P	6.4
-270	371.8	270	232	38	45	13	100	28	50	M10*1.0P	6.7
-300	401.8	300	262	38	45	13	100	28	50	M10*1.0P	7
-350	451.8	350	312	38	45	13	100	28	50	M10*1.0P	7.3
-400	501.8	400	362	38	45	13	100	28	50	M10*1.0P	8.7
-450	551.8	450	412	38	45	13	100	28	50	M10*1.0P	9.1
-500	601.8	500	462	38	45	13	100	28	50	M10*1.0P	13.1
-CK6- 95	196.8	95	57	38	55	16	100	36	63	M12*1.0P	5.9
-150	251.8	150	112	38	55	16	100	36	63	M12*1.0P	6.5
-170	271.8	170	132	38	55	16	100	36	63	M12*1.0P	6.3
-205	306.8	205	167	38	55	16	100	36	63	M12*1.0P	6.9
-230	331.8	230	192	38	55	16	100	36	63	M12*1.0P	7.45
-270	371.8	270	232	38	55	16	100	36	63	M12*1.0P	8.2
-300	401.8	300	262	38	55	16	100	36	63	M12*1.0P	9.5
-350	451.8	350	312	38	55	16	100	36	63	M12*1.0P	10.8
-400	501.8	400	362	38	55	16	100	36	63	M12*1.0P	9.5
-450	551.8	450	412	38	55	16	100	36	63	M12*1.0P	10.8
-500	601.8	500	462	38	55	16	100	36	63	M12*1.0P	

特点:

注:

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◎整支通孔，利于出水及抗震

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◎ The pull stud must purchase alone.

规格说明:

BT50 - CK - 5 - 90

- 90 — L1 长度 Length (L1)
- 5 — 接口锥度 Taper No. of cutter
- CK — 功能代号 Holder type
- BT50 — 锥柄形式 Taper size

·BT-MOD 模块刀柄 BT-MOD MODULAR TOOL HOLDER





配 件 Accessories



» P.K19

FIG. 1 BT. NO

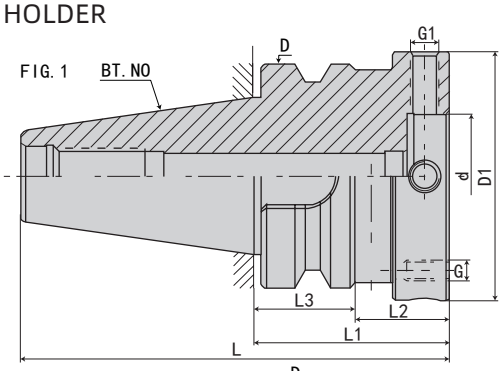
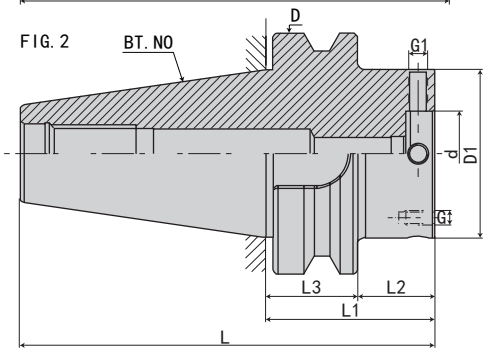


FIG. 2 BT. NO

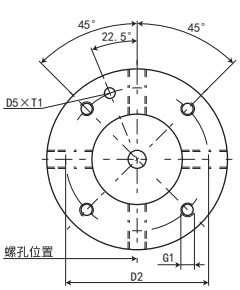


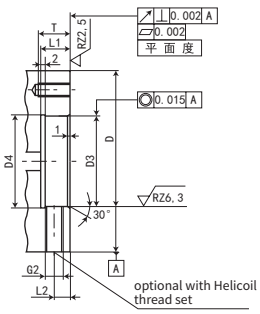
规格 Model	L	L1	L2	L3	D	D1	d	G1	G	重量 KGS
BT30-MOD060-040	88.4	40	18	22	46	60	30	M8*1.0P	M5*0.8P	0.7
-MOD070-040	88.4	40	18	22	46	70	35	M8*1.0P	M6*1.0P	0.8
BT40-MOD060-055	120.4	55	28	27	63	60	30	M8*1.0P	M5*0.8P	1.5
-MOD070-055	120.4	55	28	27	63	70	35	M8*1.0P	M6*1.0P	1.6
-MOD080-065	130.4	65	38	27	63	80	40	M8*1.0P	M6*1.0P	2
-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
-MOD070-065	147.8	65	32	33	85	70	35	M8*1.0P	M6*1.0P	3.1
-MOD080-065	147.8	65	32	33	85	80	40	M8*1.0P	M6*1.0P	3.3
-MOD100-075	157.8	75	42	33	85	100	50	M10*1.0P	M8*1.25P	3.5
-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
-MOD070-070	171.8	70	32	38	100	70	35	M8*1.0P	M6*1.0P	4.9
-MOD080-070	171.8	70	32	38	100	80	40	M8*1.0P	M6*1.0P	5.1
-MOD100-070	171.8	70	32	38	100	100	50	M10*1.0P	M8*1.25P	5.3
-MOD117-080	181.8	80	42	38	100	117	60	M10*1.0P	M8*1.25P	6.3
-MOD140-080	181.8	80	42	38	100	140	80	M10*1.0P	M8*1.25P	6.6

规格说明:

BT30 - MOD - 060 - 040

- 040 L1 长度 Length (L1)
- 060 接口大小 Collect model
- MOD 功能代号 Holder type
- BT30 锥柄形式 Taper size





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	5.0	5.0	5.0	6.0	6.0	6.0	6.0
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



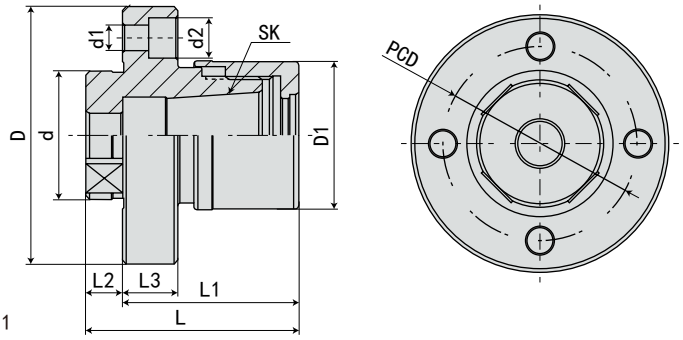


FIG. 1



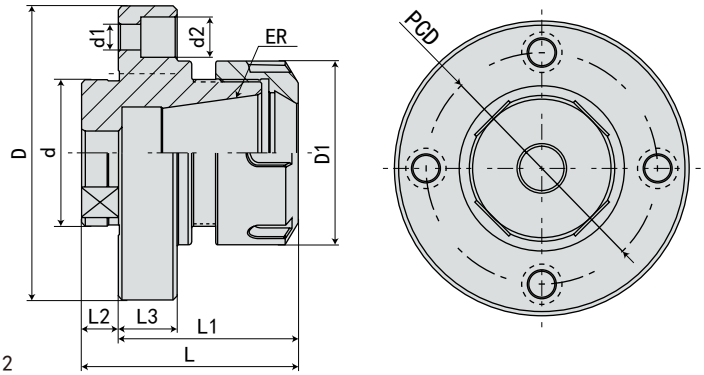


FIG. 2

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

规格说明:

MOD - GSK - 16 - 48

- 48 L1 长度 Length (L1)
- 16 筒夹型号 Collect model
- GSK 筒夹种类 Collect type GSK
- MOD 锥柄形式 Taper size

·BT-MOD 可调精度刀柄（铰刀专用）

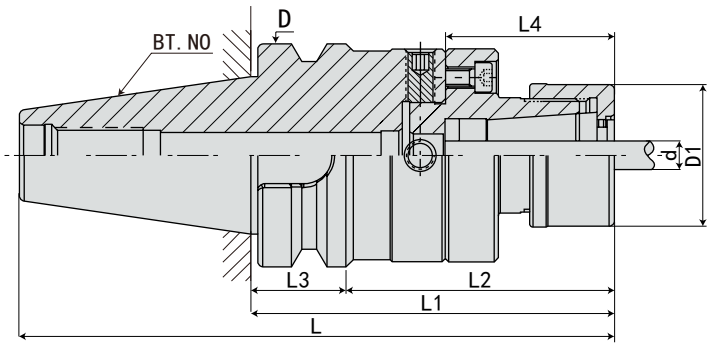
BT-MOD ADJUSTABLE CHUCK（REAMER USING）



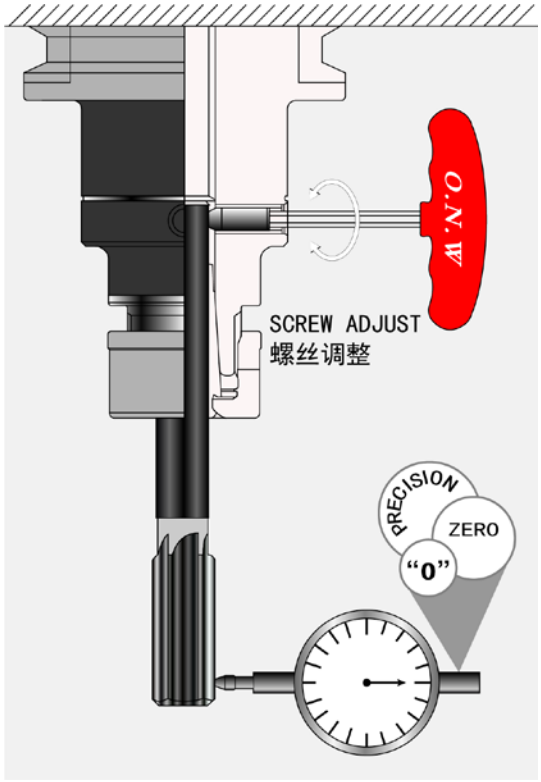
配 件 Accessories

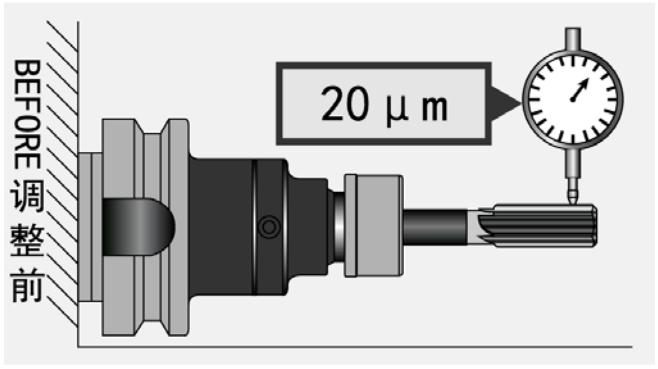


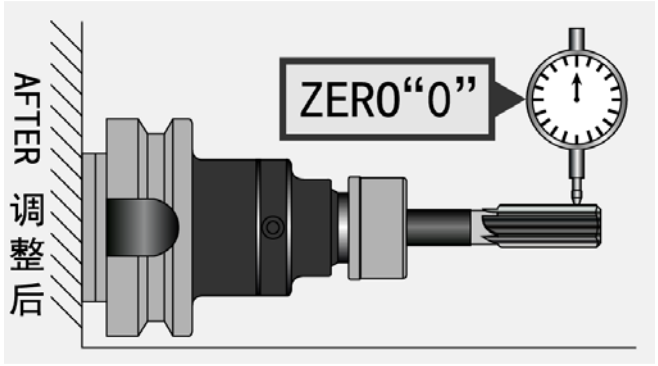
» P.K19



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
-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
-MOD070-GSK16-103	168.4	103	76	27	48	63	40	3-16mm	GSK16
-MOD080- ER32-114	179.4	114	87	27	49	63	50	2-20mm	ER32
-MOD080-GSK16-114	179.4	114	87	27	49	63	40	3-16mm	GSK16
-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
-MOD070-GSK16-118	219.8	118	80	38	48	100	40	3-16mm	GSK16
-MOD080- ER32-119	220.8	119	81	38	49	100	50	2-20mm	ER32
-MOD080-GSK16-119	220.8	119	81	38	49	100	40	3-16mm	GSK16
-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.

规格说明:

BT30 - MOD060 - GSK - 16 - 88

- 88 — L1 长度 Length (L1)
- 16 — 筒夹型号 Collect model
- GSK — 筒夹种类 Collect type GSK
- MOD060 — 功能代号 Holder type
- BT30 — 锥柄形式 Taper size

·BT-EMH 喷射型侧固式刀柄

BT-EMH JETTING END MILL HOLDER





FIG. 1

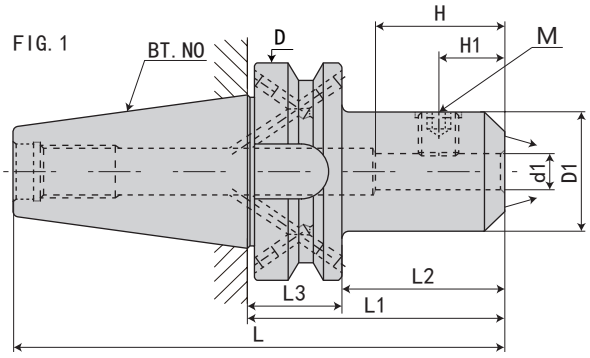
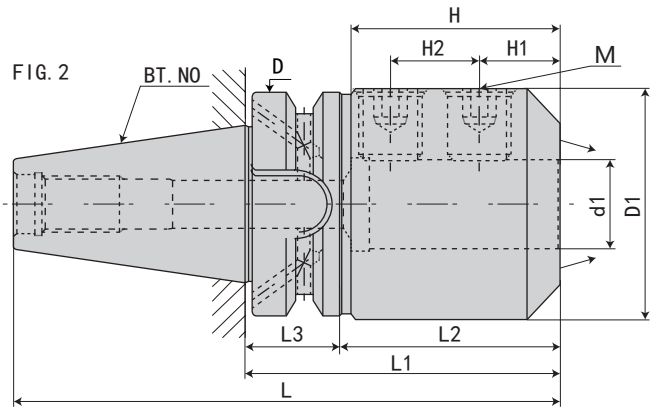


FIG. 2



配 件 Accessories



» P.K19

规 格 Model	L	L1	L2	L3	D	D1	d1	H	H1	FIG	M	重量 KGS
BT40AD/B- EMH6C- 50	115.4	50	23	27	63	25	6	35	18	1	M6*1.0P	1
- EMH8C- 50	115.4	50	23	27	63	28	8	35	18	1	M8*1.25P	1
-EMH10C- 63	128.4	63	36	27	63	35	10	35.5	20	1	M10*1.5P	1.1
-EMH12C- 63	128.4	63	36	27	63	42	12	36	22.5	1	M12*1.75P	1.3
-EMH14C- 63	128.4	63	36	27	63	44	14	36	22.5	1	M12*1.75P	1.4
-EMH16C- 63	128.4	63	36	27	63	48	16	46	24	1	M14*2.0P	1.7
-EMH18C- 63	128.4	63	36	27	63	50	18	46	24	1	M14*2.0P	1.7
-EMH20C- 63	128.4	63	36	27	63	52	20	48	25	1	M16*2.0P	1.8
-EMH25C- 90	155.4	90	63	27	63	65	25	55	25	2	M18*2.5P	1.8
-EMH32C-100	165.4	100	73	27	63	72	32	57	28	2	M20*2.5P	2
BT50AD/B- EMH6C- 63	164.8	63	25	38	100	25	6	35	18	1	M6*1.0P	3.3
- EMH8C- 63	164.8	63	25	38	100	28	8	35	18	1	M8*1.25P	3.6
-EMH10C- 65	166.8	65	27	38	100	35	10	35.5	20	1	M10*1.5P	3.8
-EMH12C- 80	181.8	80	42	38	100	42	12	36	22.5	1	M12*1.75P	3.8
-EMH14C- 80	181.8	80	42	38	100	44	14	36	22.5	1	M12*1.75P	4
-EMH16C- 80	181.8	80	42	38	100	48	16	46	24	1	M14*2.0P	4
-EMH18C- 80	181.8	80	42	38	100	50	18	46	24	1	M14*2.0P	4.2
-EMH20C- 80	181.8	80	42	38	100	52	20	48	25	1	M16*2.0P	4.2
-EMH25C-100	201.8	100	62	38	100	65	25	55	25	2	M18*2.5P	4.6
-EMH32C-105	206.8	105	67	38	100	72	32	57	28	2	M20*2.5P	4.7
-EMH40C-120	221.8	120	82	38	100	90	40	68	32	2	M20*2.5P	4.9

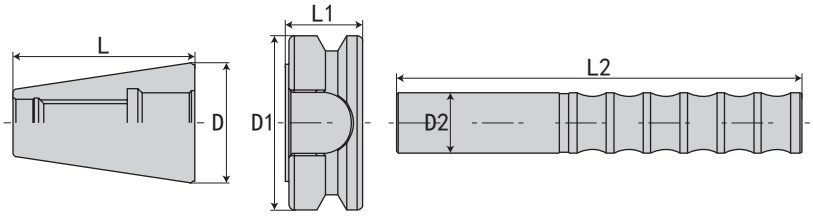
规格说明:

BT40AD/B - EMH 6C - 50

- 50 — L1 长度 Length (L1)
- 6C — 接口大小 Collect model
- EMH — 功能代号 Holder type
- BT40AD/B — 锥柄形式 Taper size

·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



FIG.1 内置螺钉型

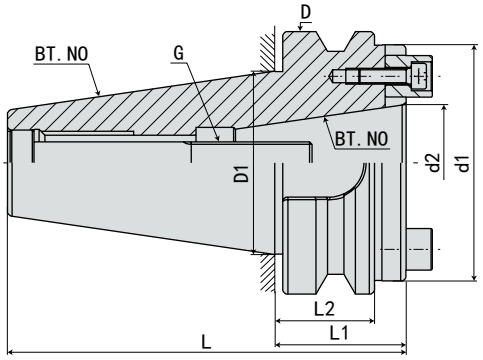
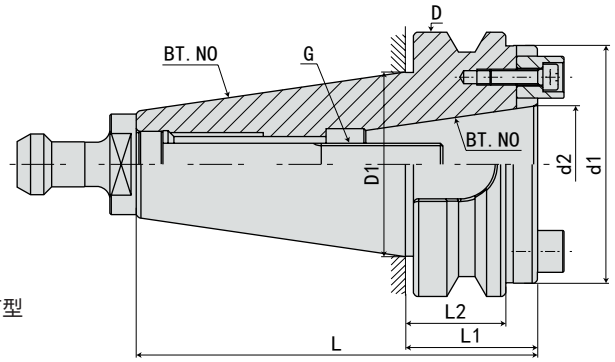


FIG.2 加长拉钉型



配 件 Accessories


» P.K19

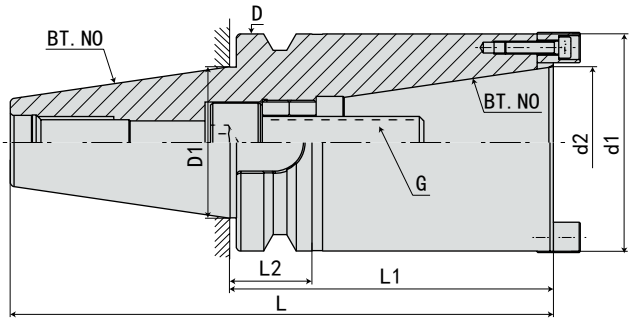

» P.K26

规格 / 型号 Model	BT.NO	bt.no	L	L1	D	D1	d1	d2	G	FIG
BT60-BT50-58（加长拉钉型）	BT60	BT50	220	58	155	107.95	69.85	135	M24	2
BT60-BT50-58（内置螺钉型）	BT60	BT50	220	58	155	107.95	69.85	135	M24	1
BT50-BT40-45（加长拉钉型）	BT50	BT40	150	45	100	69.85	44.45	90	M16	2
BT50-BT40-45（内置螺钉型）	BT50	BT40	150	45	100	69.85	44.45	90	M16	1
BT50-BT30-45（内置螺钉型）	BT50	BT30	150	45	100	69.85	31.75	75	M12	1
BT40-BT30-36（内置螺钉型）	BT40	BT30	102	36	63	44.45	31.75	62	M12	1
规格 / 型号 Model	SK.NO	sk.no	L	L1	D	D1	d1	d2	G	FIG
SK60-BT50-58（加长拉钉型）	SK60	BT50	220	58	155	107.95	69.85	135	M24	2
SK60-BT50-58（内置螺钉型）	SK60	BT50	220	58	155	107.95	69.85	135	M24	1
SK50-BT40-45（加长拉钉型）	SK50	BT40	150	45	97.5	69.85	44.45	90	M16	2
SK50-BT40-45（内置螺钉型）	SK50	BT40	150	45	97.5	69.85	44.45	90	M16	1



配 件 Accessories


» P.K19



规格 / 型号 Model	BT.NO	bt.no	L	L1	D	D1	d1	G	K
BT40-BT40-80	BT40	BT40	145.4	80L	68	44.45	44.45	M16*2.0P	8
BT40-BT40-120	BT40	BT40	185.4	120L	68	44.45	44.45	M16*2.1P	8
BT40-BT40-150	BT40	BT40	215.4	150L	68	44.45	44.45	M16*2.2P	8
BT40-BT40-200	BT40	BT40	265.4	200L	68	44.45	44.45	M16*2.3P	8
BT50-BT50-120	BT50	BT50	221.8	120L	103	69.85	69.85	M24*3.0P	12
BT50-BT50-150	BT50	BT50	251.8	150L	103	69.85	69.85	M24*3.0P	12
BT50-BT50-200	BT50	BT50	301.8	200L	103	69.85	69.85	M24*3.0P	12
BT50-BT50-250	BT50	BT50	351.8	250L	103	69.85	69.85	M24*3.0P	12
BT50-BT50-300	BT50	BT50	401.8	300L	103	69.85	69.85	M24*3.0P	12
BT50-BT50-350	BT50	BT50	451.8	350L	103	69.85	69.85	M24*3.0P	12

·BT40-HSK 转换套（内置螺丝）

BT40-HSK CONVERSION SLEEVE(BUILT-IN SCREW)



FIG.1

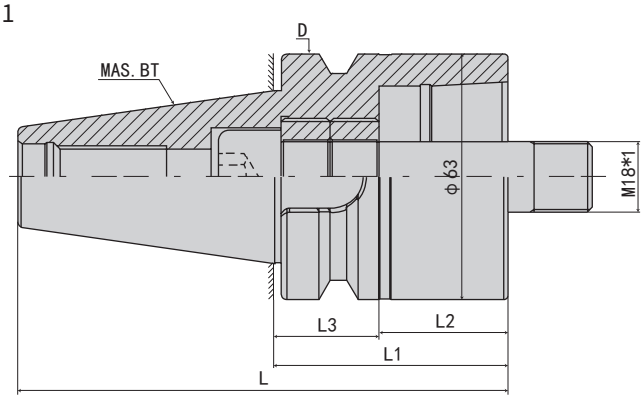
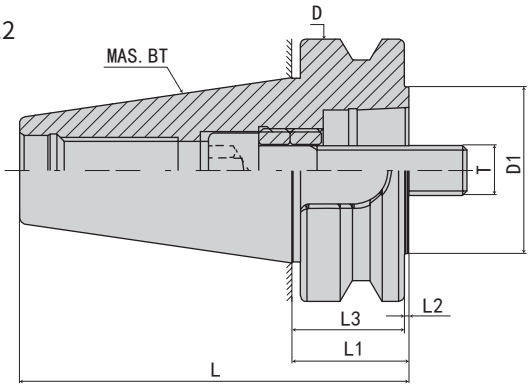




FIG.2



规格 Model	L	L1	L2	L3	D	D1	T	FIG	重量 KGS
BT40-HSK63C-60S	125.4	60	33	27	63	63	M18*1	1	
-HSK50C-30S	95.4	30	3	27	63	50	M16*1	2	
-HSK40C-30S	95.4	30	3	27	63	40	M12*1	2	
-HSK32C-30S	95.4	30	3	27	63	32	M10*1	2	

规格说明:

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

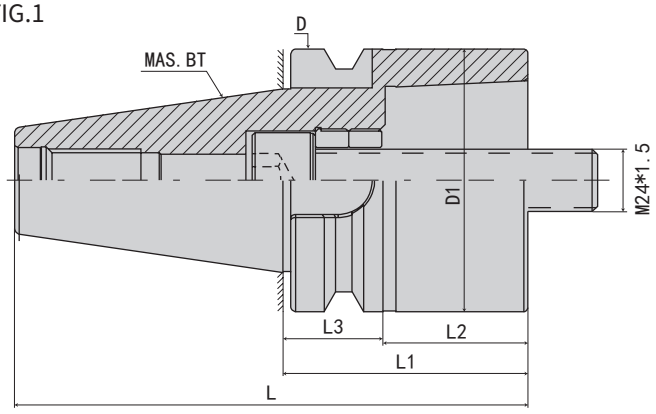


FIG.2

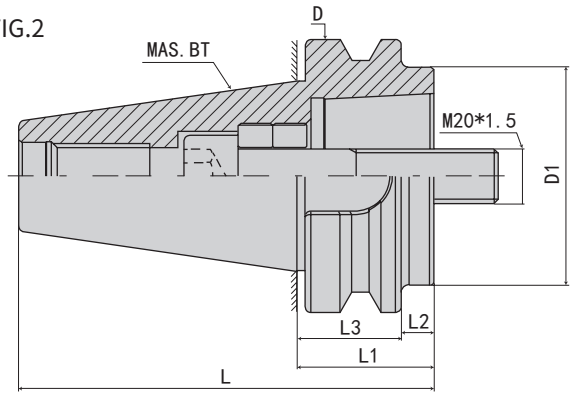
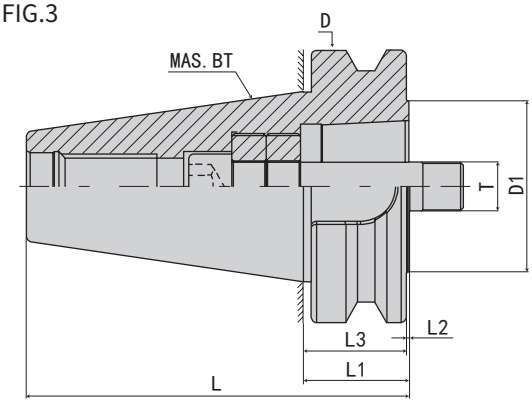




FIG.3



规格 Model	L	L1	L2	L3	D	D1	T	FIG	重量 KGS
BT50-HSK100C-95S	196.8	95	57	38	100	100	M24*1.5	1	
-HSK80C -50S	151.8	50	12	38	100	80	M20*1.5	2	
-HSK63C -40S	141.8	40	2	38	100	63	M18*1	3	
-HSK50C -40S	141.8	40	2	38	100	50	M16*1	3	
-HSK40C -40S	141.8	40	2	38	100	40	M12*1	3	
-HSK32C -40S	141.8	40	2	38	100	32	M10*1	3	

规格说明:

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

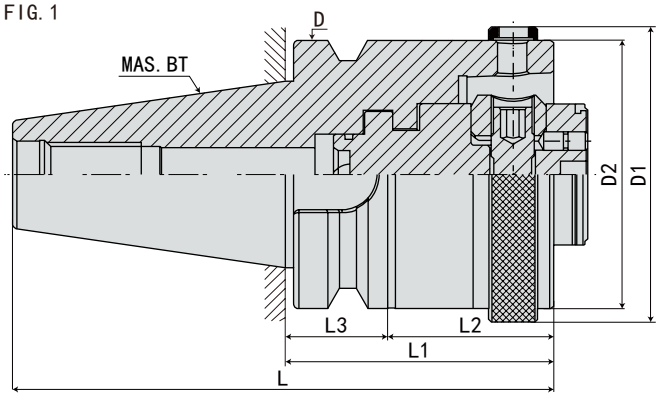
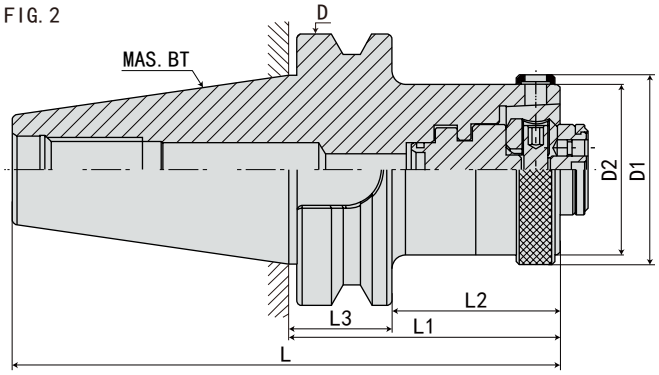


FIG. 2



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
- 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
- HSK40C-40C	105.4	40	13	27	63	45	40	2	1.1
- HSK50C-50C	115.4	50	23	27	63	55	50	2	1.2
- 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
- HSK40C-50C	151.8	50	12	38	100	45	40	2	3.7
- HSK50C-60C	161.8	60	22	38	100	55	50	2	3.8
- HSK63C-60C	161.8	60	22	38	100	70	63	2	4
- HSK80C-60C	161.8	60	22	38	100	87	80	2	5
-HSK100C-90C	191.8	90	52	38	100	110	100	1	6

规格说明:

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

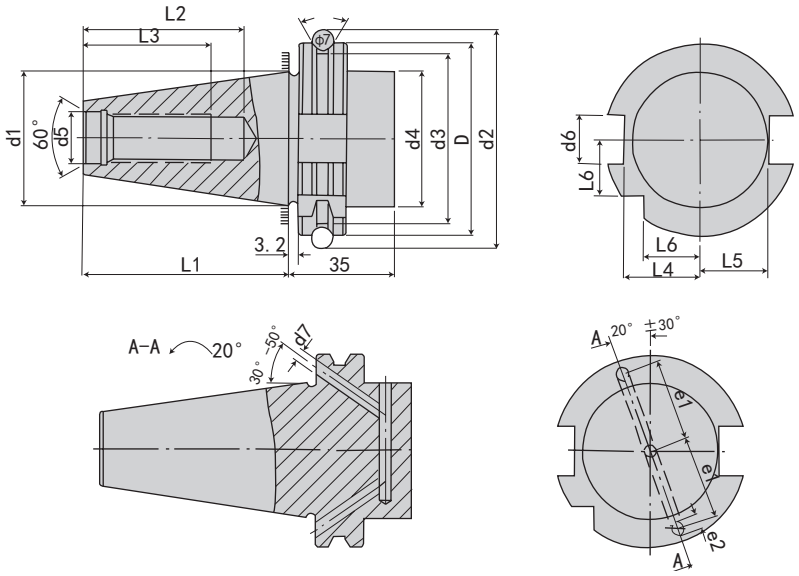
PRECISION TOOL HOLDERS SYSTEM



SK/DAT数控刀柄系列

CNC TOOL SYSTEMS

·参考资料 REFERENCE DETAILS



规 格 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	16.4	15	21	5
SK40	63.55	44.45	72.30	56.25	50	17	16.1	4	68.4	42.5	32	25	22.8	18.5	27	5
SK50	97.50	69.85	107.25	91.25	80	25	25.7	6	101.75	61.5	47	37.7	35.5	30	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

·SK30-PHC 液压刀柄 SK30-PHC HYDRAULIC TOOL HOLDER



FIG.1

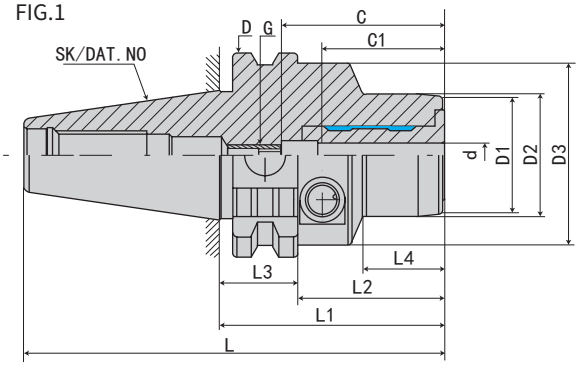
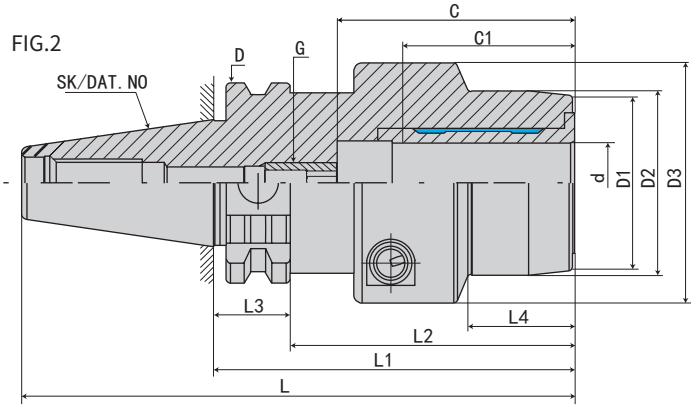


FIG.2



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
-PHC06- 55	102.8	55	35.9	19.1	20	50	22	26	45	6	37	27	M5*0.8P	1	0.6
-PHC08- 55	102.8	55	35.9	19.1	20	50	24	28	45	8	37	27	M6*1.0P	1	0.6
-PHC10- 55	102.8	55	35.9	19.1	21	50	26	30	45	10	41	31	M8*1.0P	1	0.6
-PHC12- 55	102.8	55	35.9	19.1	22	50	28	32	45	12	46	36	M10*1.0P	1	0.6
-PHC14- 90	137.8	90	70.9	19.1	42	50	30	34	45	14	46	36	M10*1.0P	1	0.7
-PHC16- 90	137.8	90	70.9	19.1	50	50	34	38	45	16	49	39	M10*1.0P	1	0.7
-PHC18- 90	137.8	90	70.9	19.1	50	50	36	40	45	18	49	39	M10*1.0P	1	0.7
-PHC20- 90	137.8	90	70.9	19.1	50	50	38	42	45	20	51	41	M10*1.0P	1	0.7
-PHC25-115	157.8	110	95.9	19.1		50	53	57	63	25	57	47	M10*1.0P	2	1
-PHC32-115	157.8	110	95.9	19.1		50	60	64	63	32	61	51	M10*1.0P	2	1

规格说明:

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

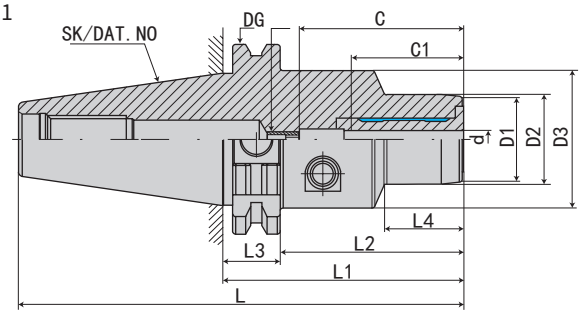
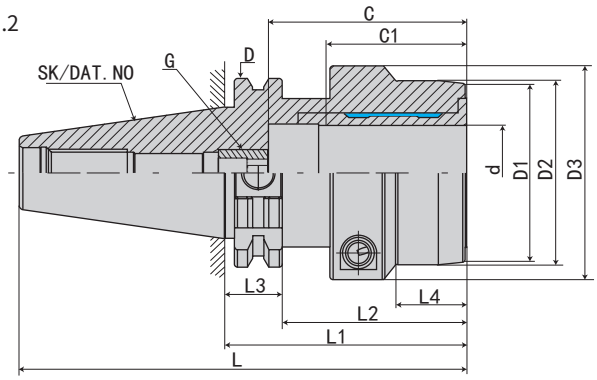


FIG.2



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
-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
-PHC04-80.5	148.9	80.5	61.4	19.1	29.5	63.55	21	24	49.5	4	*	24	*	1	1.3
-PHC05-80.5	148.9	80.5	61.4	19.1	29.5	63.55	21	25	49.5	5	*	26	*	1	1.3
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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

规格说明:

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

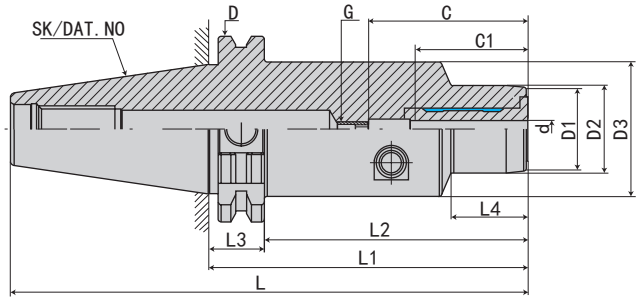
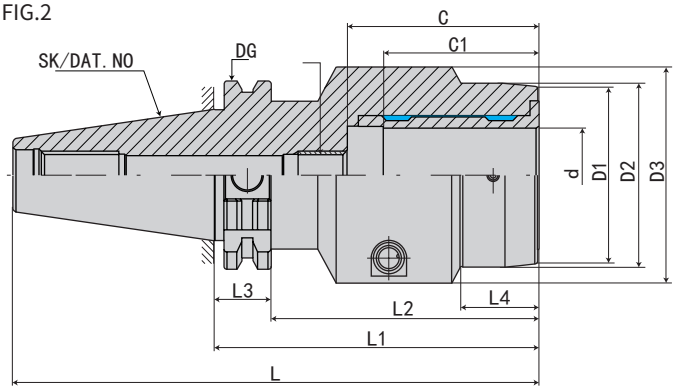


FIG.2



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
-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
-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
-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
-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
-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
-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
-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
-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
-PHC25-110	178.4	110	90.9	19.1	22	63.55	53	55	63	25	57	47	M16*1.0P	2	2.3
-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

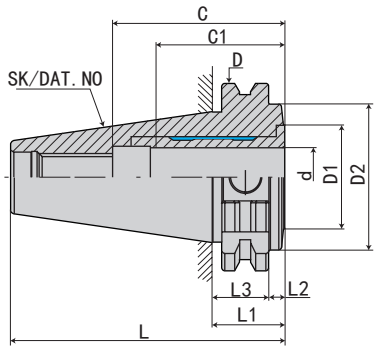
规格说明:

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

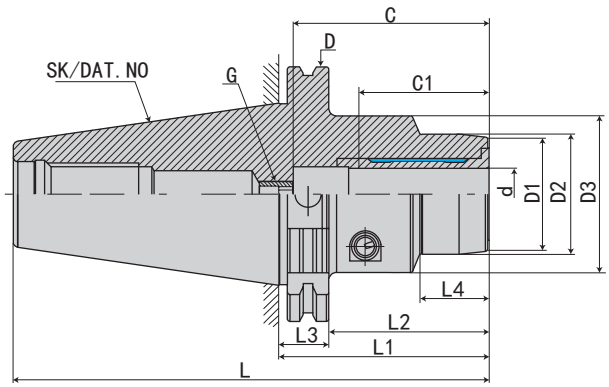
规格说明:

SK40 - PHC - 20 - 24.6

- 24.6 L1 长度 Length (L1)
- 20 刀杆直径 Diameter
- PHC 功能代号 Holder type
- SK40 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
-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
-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
-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
-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
-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
-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
-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
-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
-PHC25- 100	201.75	100	80.9	19.1	48	97.5	53	55	63	25	57	47	M16*1.0P	3.8
-PHC32- 100	201.75	100	80.9	19.1	61	97.5	60	63	70	32	61	51	M16*1.0P	4.2

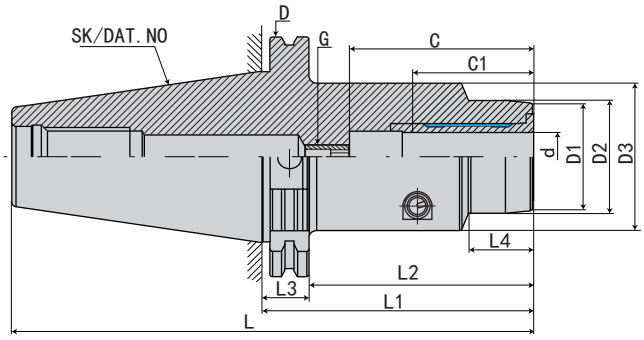
规格说明:

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
-PHC06-110	211.75	110	90.9	19.1	29	97.5	22	26	49.5	6	37	27	M5*0.8P	2.5
-PHC08-110	211.75	110	90.9	19.1	30	97.5	24	28	49.5	8	37	27	M6*1.0P	3
-PHC10-110	211.75	110	90.9	19.1	35	97.5	26	30	49.5	10	41	31	M8*1.0P	3
-PHC12-110	211.75	110	90.9	19.1	40	97.5	28	32	49.5	12	46	36	M10*1.0P	5
-PHC14-110	211.75	110	90.9	19.1	40	97.5	30	34	49.5	14	46	36	M10*1.0P	5
-PHC16-110	211.75	110	90.9	19.1	45	97.5	34	38	49.5	16	49	39	M12*1.0P	5
-PHC18-110	211.75	110	90.9	19.1	46	97.5	36	40	49.5	18	49	39	M12*1.0P	5
-PHC20-110	211.75	110	90.9	19.1	42	97.5	38	42	49.5	20	51	41	M16*1.0P	8
-PHC25-110	211.75	110	90.9	19.1	48	97.5	53	55	63	25	57	47	M16*1.0P	8
-PHC32-110	211.75	110	90.9	19.1	61	97.5	60	63	70	32	61	51	M16*1.0P	8

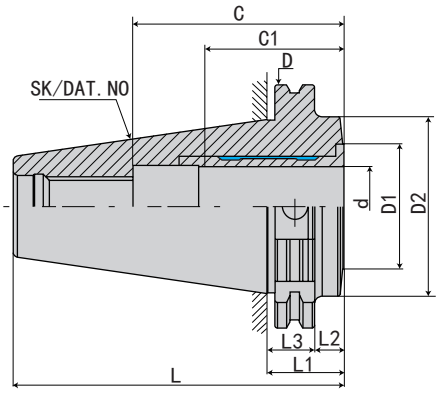
规格说明:

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

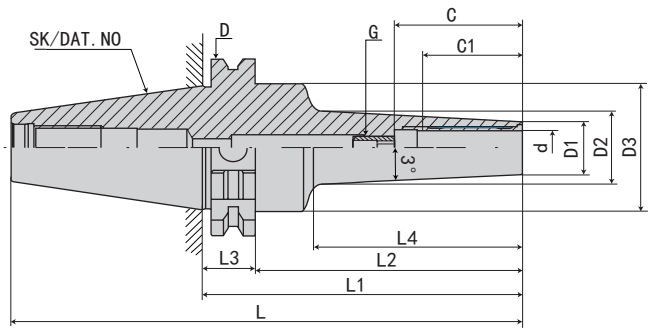
规格说明:

SK50 - PHC - 32 - 30.9

- 30.9 L1 长度 Length (L1)
- 32 刀杆直径 Diameter
- PHC 功能代号 Holder type
- SK50 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
-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
-115	183.4	115	95.9	19.1	72	63.55	11		46	4	*	24	*	1.4
-SPHC05- 85	153.4	85	65.9	19.1	42	63.55	12		46	5	*	26	*	1.3
-115	183.4	115	95.9	19.1	72	63.55	12		46	5	*	26	*	1.4
-SPHC06-115	183.4	115	95.9	19.1	74	63.55	13		46	6	37	27	M5*0.8P	1.4
-145	213.4	145	125.9	19.1	104	63.55	13		46	6	37	27	M5*0.8P	1.5
-SPHC08-115	183.4	115	95.9	19.1	74	63.55	15		46	8	37	27	M6*1.0P	1.4
-145	213.4	145	125.9	19.1	104	63.55	15		46	8	37	27	M6*1.0P	1.5
-SPHC10-115	183.4	115	95.9	19.1	74	63.55	17		46	10	41	31	M8*1.0P	1.4
-145	213.4	145	125.9	19.1	104	63.55	17		46	10	41	31	M8*1.0P	1.5
-SPHC12-115	183.4	115	95.9	19.1	74	63.55	19		46	12	46	36	M10*1.0P	1.4
-145	213.4	145	125.9	19.1	104	63.55	19		46	12	46	36	M10*1.0P	1.5
-SPHC14-115	183.4	115	95.9	19.1	74	63.55	21		46	14	46	36	M10*1.0P	1.6
-145	213.4	145	125.9	19.1	104	63.55	21		46	14	46	36	M10*1.0P	1.8
-SPHC16-115	183.4	115	95.9	19.1	74	63.55	23		50	16	49	39	M12*1.0P	1.7
-145	213.4	145	125.9	19.1	104	63.55	23		50	16	49	39	M12*1.0P	1.9
-SPHC18-115	183.4	115	95.9	19.1	74	63.55	25		50	18	49	39	M12*1.0P	1.7
-145	213.4	145	125.9	19.1	104	63.55	25		50	18	49	39	M12*1.0P	1.9
-SPHC20-115	183.4	115	95.9	19.1	74	63.55	27		50	20	51	41	M16*1.0P	1.8
-145	213.4	145	125.9	19.1	104	63.55	27		50	20	51	41	M16*1.0P	2

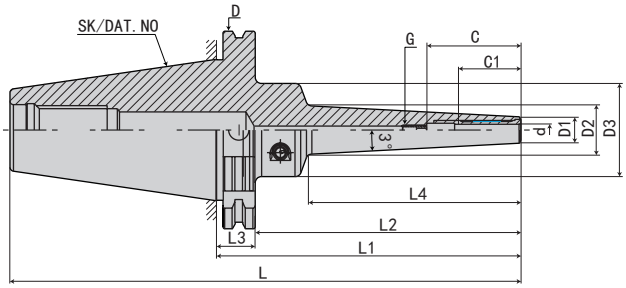
规格说明:

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
-200	301.75	200	180.9	19.1	150	97.5	13		50	6	37	27	M5*0.8P	4.4
-250	351.75	250	230.9	19.1	200	97.5	13		50	6	37	27	M5*0.8P	4.6
-300	401.75	300	280.9	19.1	250	97.5	13		50	6	37	27	M5*0.8P	4.8
-SPHC08-150	251.75	150	130.9	19.1	100	97.5	15		50	8	37	27	M6*1.0P	4.2
-200	301.75	200	180.9	19.1	150	97.5	15		50	8	37	27	M6*1.0P	4.4
-250	351.75	250	230.9	19.1	200	97.5	15		50	8	37	27	M6*1.0P	4.6
-300	401.75	300	280.9	19.1	250	97.5	15		50	8	37	27	M6*1.0P	4.8
-SPHC10-150	251.75	150	130.9	19.1	100	97.5	17		50	10	41	31	M8*1.0P	4.3
-200	301.75	200	180.9	19.1	150	97.5	17		50	10	41	31	M8*1.0P	4.5
-250	351.75	250	230.9	19.1	200	97.5	17		50	10	41	31	M8*1.0P	4.7
-300	401.75	300	280.9	19.1	250	97.5	17		50	10	41	31	M8*1.0P	4.9
-SPHC12-150	251.75	150	130.9	19.1	100	97.5	19		50	12	46	36	M10*1.0P	4.3
-200	301.75	200	180.9	19.1	150	97.5	19		50	12	46	36	M10*1.0P	4.5
-250	351.75	250	230.9	19.1	200	97.5	19		50	12	46	36	M10*1.0P	4.7
-300	401.75	300	280.9	19.1	250	97.5	19		50	12	46	36	M10*1.0P	4.9
-SPHC14-150	251.75	150	130.9	19.1	100	97.5	21		50	14	46	36	M10*1.0P	4.4
-200	301.75	200	180.9	19.1	150	97.5	21		50	14	46	36	M10*1.0P	4.6
-250	351.75	250	230.9	19.1	200	97.5	21		50	14	46	36	M10*1.0P	4.8
-300	401.75	300	280.9	19.1	250	97.5	21		50	14	46	36	M10*1.0P	5
-SPHC16-150	251.75	150	130.9	19.1	100	97.5	23		50	16	75	39	M12*1.0P	4.4
-200	301.75	200	180.9	19.1	150	97.5	23		50	16	75	39	M12*1.0P	4.6
-250	351.75	250	230.9	19.1	200	97.5	23		50	16	75	39	M12*1.0P	4.8
-300	401.75	300	280.9	19.1	250	97.5	23		50	16	75	39	M12*1.0P	5
-SPHC18-150	251.75	150	130.9	19.1	100	97.5	25		50	18	75	39	M12*1.0P	4.5
-200	301.75	200	180.9	19.1	150	97.5	25		50	18	75	39	M12*1.0P	4.7
-250	351.75	250	230.9	19.1	200	97.5	25		50	18	75	39	M12*1.0P	4.9
-300	401.75	300	280.9	19.1	250	97.5	25		50	18	75	39	M12*1.0P	5.1
-SPHC20-150	251.75	150	130.9	19.1	100	97.5	27		50	20	75	41	M16*1.0P	4.6
-200	301.75	200	180.9	19.1	150	97.5	27		50	20	75	41	M16*1.0P	4.8
-250	351.75	250	230.9	19.1	200	97.5	27		50	20	75	41	M16*1.0P	5
-300	401.75	300	280.9	19.1	250	97.5	27		50	20	75	41	M16*1.0P	5.2

规格说明:

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

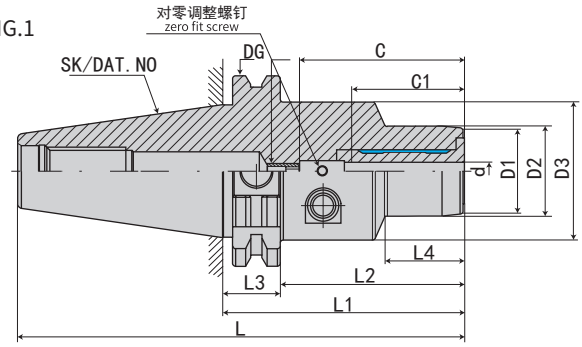
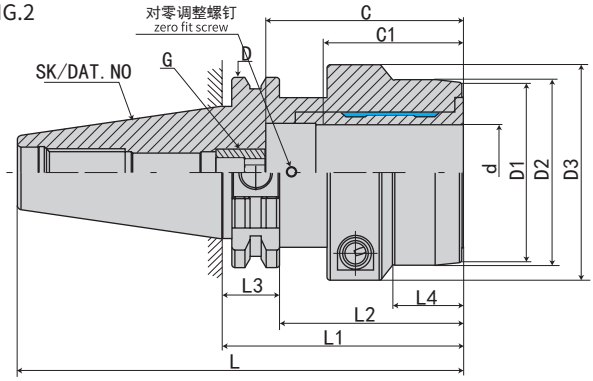


FIG.2



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
-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
-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
-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

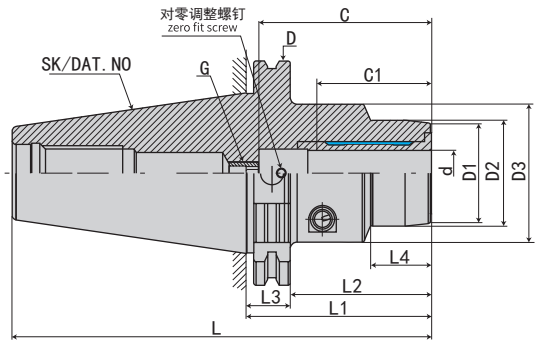
规格说明:

SK40 - ZPHC - 12 - 80.5

- 80.5 — L1 长度 Length (L1)
- 12 — 刀杆直径 Diameter
- ZPHC — 功能代号 Holder type
- SK40 — 锥柄形式 Taper size

·SK50-ZPHC 调零液压刀柄 SK40-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
-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
-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
-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
-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
-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
-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
-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
-ZPHC25- 100	201.75	80.5	61.4	19.1	48	97.5	53	55	63	25	57	47	M16*1.0P	3.8
-ZPHC32- 100	201.75	80.5	61.4	19.1	61	97.5	60	63	70	32	61	51	M16*1.0P	4.2

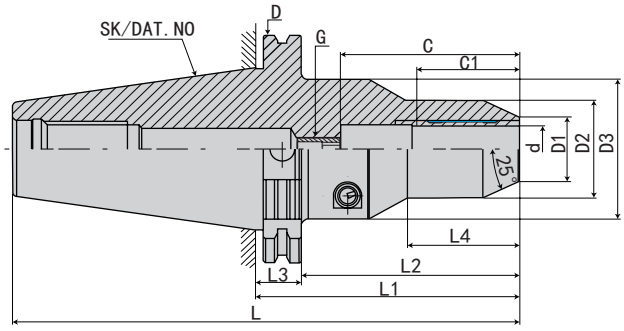
规格说明:

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
-MPHC06-110	211.75	110	90.9	19.1	55	97.5	14	32	60	6	43	27	M5*0.8P	3.6
-MPHC08-110	211.75	110	90.9	19.1	55	97.5	16	33.5	60	8	43	27	M6*1.0P	3.6
-MPHC10-110	211.75	110	90.9	19.1	55	97.5	18	35	60	10	43	31	M8*1.0P	3.6
-MPHC12-110	211.75	110	90.9	19.1	55	97.5	20	36.5	60	12	50	36	M10*1.0P	3.6
-MPHC14-110	211.75	110	90.9	19.1	60	97.5	22	38	60	14	50	36	M10*1.0P	3.7
-MPHC16-110	211.75	110	90.9	19.1	60	97.5	24	39.5	60	16	53	39	M12*1.0P	3.7
-MPHC18-110	211.75	110	90.9	19.1	60	97.5	27	41	60	18	53	39	M12*1.0P	3.8
-MPHC20-110	211.75	110	90.9	19.1	60	97.5	28	42	70	20	95	41	M16*1.0P	3.8
-MPHC25-110	211.75	110	90.9	19.1	60	97.5	30	44	70	25	95	47	M16*1.0P	3.9
-MPHC32-110	211.75	110	90.9	19.1	60	97.5	40	54	70	32	95	51	M16*1.0P	4

规格说明:

SK50 - MPHC - 05 - 110

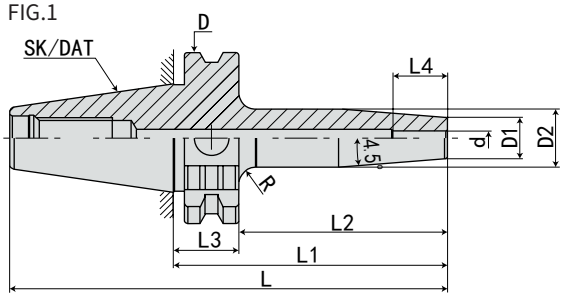
- 110 L1 长度 Length (L1)
- 05 刀杆直径 Diameter
- MPHC 功能代号 Holder type
- SK50 锥柄形式 Taper size

·SK30-SF 热缩刀柄（4.5°标准型）

SK30-SF SHRINK FIT TOOL HOLDER(4.5° STANDARD VERSION)



FIG.1



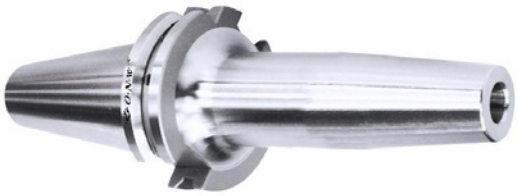
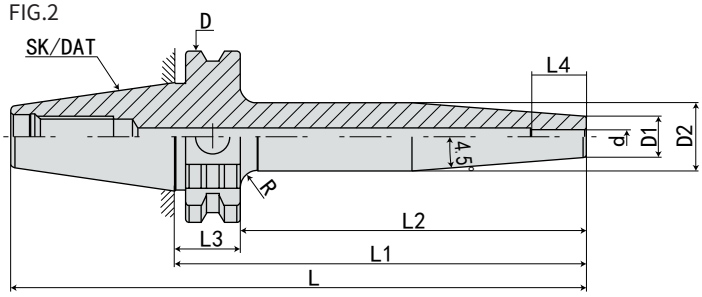


FIG.2



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
-120	167.8	120	100.9	19.1	12	50	12	20	3	5	2	0.8
-SF04- 80	127.8	80	60.9	19.1	16	50	12	17	4	5	1	0.6
-120	167.8	120	100.9	19.1	16	50	12	20	4	5	2	0.8
-SF05- 80	127.8	80	60.9	19.1	18	50	12	17	5	5	1	0.6
-120	167.8	120	100.9	19.1	18	50	12	20	5	5	2	0.8

规格说明:

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

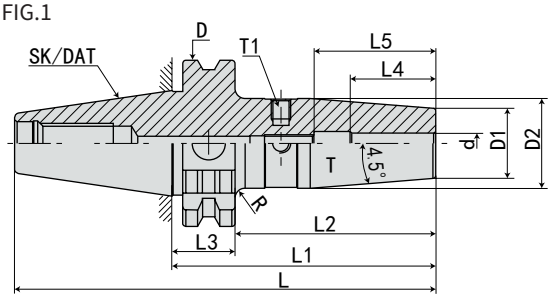
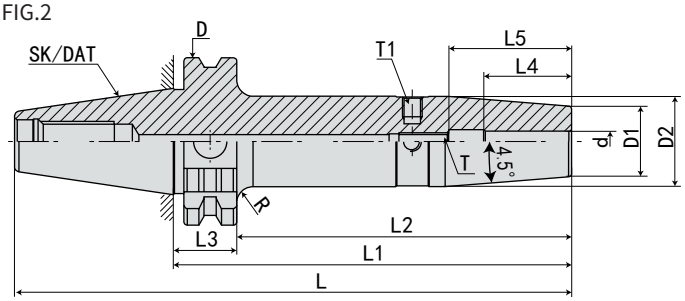




FIG.2



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
-120	167.8	120	100.9	19.1	26	36	50	21	27	6	M5*0.8P	M6*1.0P	5	2	0.8
-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
-120	167.8	120	100.9	19.1	26	36	50	21	27	8	M6*1.0P	M6*1.0P	5	2	0.85
-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
-120	167.8	120	100.9	19.1	32	42	50	24	32	10	M8*1.0P	M6*1.0P	4	2	0.9
-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
-120	167.8	120	100.9	19.1	37	47	50	24	32	12	M10*1.0P	M6*1.0P	4	2	0.9
-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
-120	167.8	120	100.9	19.1	37	47	50	27	34	14	M10*1.0P	M6*1.0P	3	2	0.95
-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
-120	167.8	120	100.9	19.1	40	50	50	27	34	16	M12*1.0P	M6*1.0P	3	2	0.95
-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
-120	167.8	120	100.9	19.1	40	50	50	33	42	18	M12*1.0P	M6*1.0P	1	2	1
-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
-120	167.8	120	100.9	19.1	42	52	50	33	42	20	M16*1.0P	M6*1.0P	1	2	1

规格说明:

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

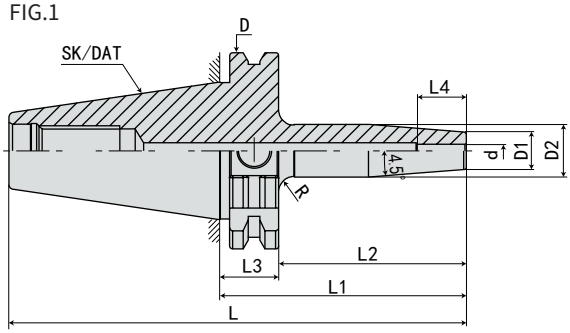
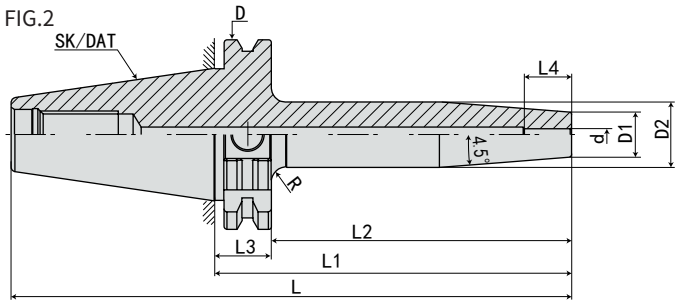




FIG.2



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
-120	188.4	120	100.9	19.1	12	63.55	12	20	3	5	2	1.1
-160	228.4	160	140.9	19.1	12	63.55	12	20	3	5	2	1.2
-SF04- 80	148.4	80	60.9	19.1	16	63.55	12	17	4	5	1	1
-120	188.4	120	100.9	19.1	16	63.55	15	22	4	5	2	1.1
-160	228.4	160	140.9	19.1	16	63.55	15	22	4	5	2	1.2
-SF05- 80	148.4	80	60.9	19.1	18	63.55	12	17	5	5	1	1
-120	188.4	120	100.9	19.1	18	63.55	15	22	5	5	2	1.1
-160	228.4	160	140.9	19.1	18	63.55	15	22	5	5	2	1.2

规格说明:

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

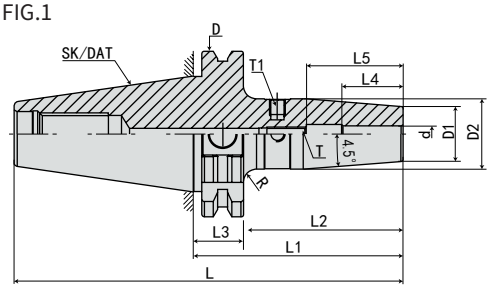




FIG.2

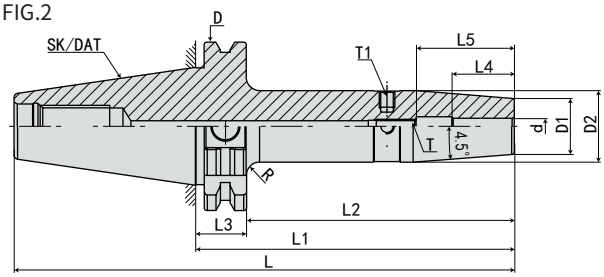
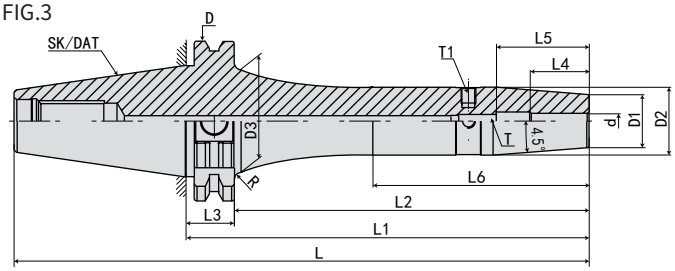




FIG.3



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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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

规格说明:

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

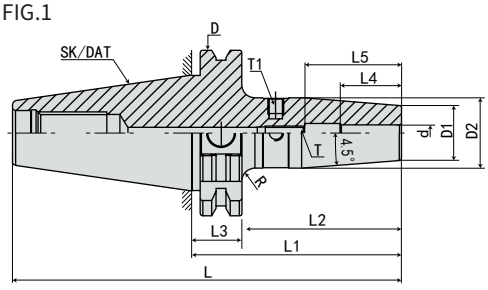




FIG.2

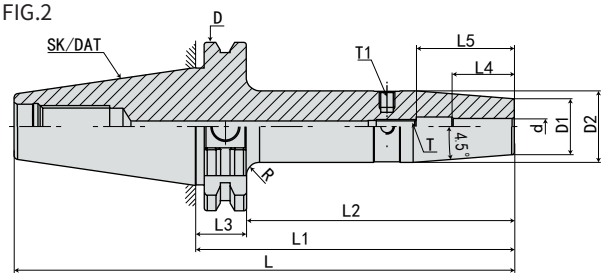
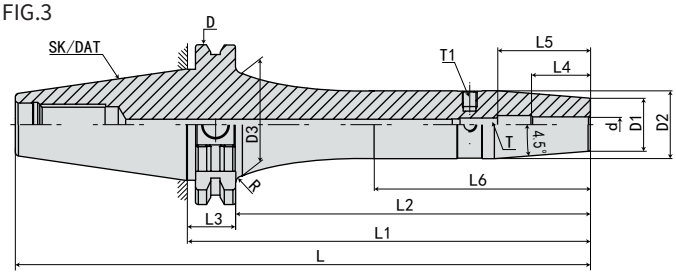




FIG.3



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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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
-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

规格说明:

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)



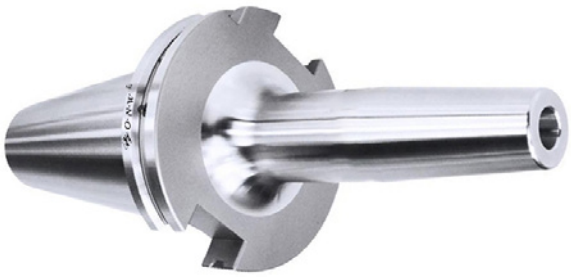


FIG.1

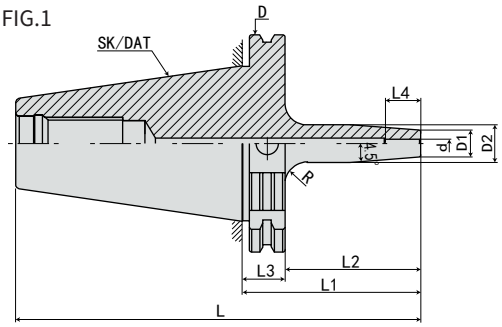
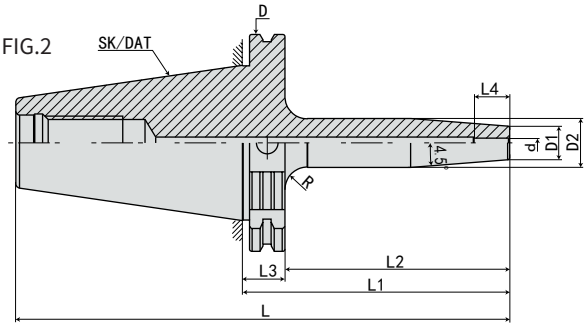


FIG.2



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
-120	221.75	120	100.9	19.1	12	97.5	12	20	3	5	2	2.9
-160	261.75	160	140.9	19.1	12	97.5	12	20	3	5	2	3
-SF04-80	181.75	80	60.9	19.1	16	97.5	12	17	4	5	1	2.8
-120	221.75	120	100.9	19.1	16	97.5	15	22	4	5	2	2.9
-160	261.75	160	140.9	19.1	16	97.5	15	22	4	5	2	3
-SF05-80	181.75	80	60.9	19.1	18	97.5	12	17	5	5	1	2.8
-120	221.75	120	100.9	19.1	18	97.5	15	22	5	5	2	2.9
-160	261.75	160	140.9	19.1	18	97.5	15	22	5	5	2	3

规格说明:

SK50 - SF - 03 - 80

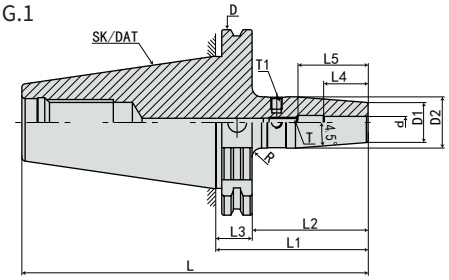
- L1 长度 Length (L1)
- 刀杆直径 Diameter
- 功能代号 Holder type
- 锥柄形式 Taper size

·SK50-SF 热缩刀柄（4.5°标准型）

SK50-SF SHRINK FIT TOOL HOLDER(4.5° STANDARD VERSION)



FIG.1



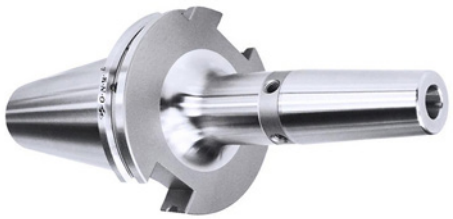
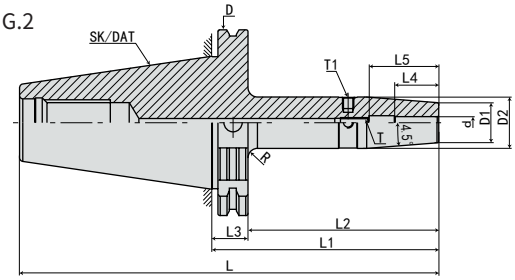


FIG.2



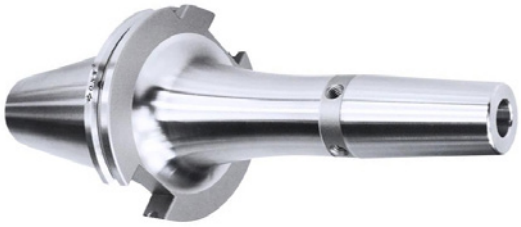
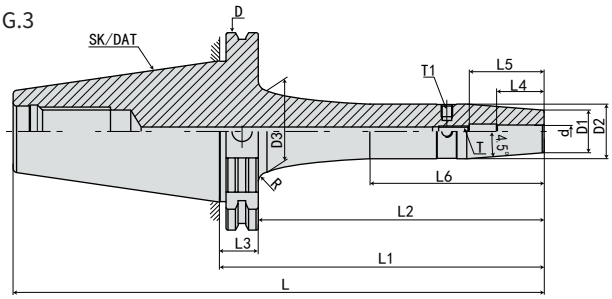


FIG.3



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
-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
-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
-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
-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
-120	221.75	120	100.9	19.1	26	36		97.5	21	27	-	8	M6*1.0P	M6*1.0P	2	2.9
-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
-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
-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
-120	221.75	120	100.9	19.1	32	42		97.5	24	32	-	10	M8*1.0P	M6*1.0P	2	2.9
-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
-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
-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
-120	221.75	120	100.9	19.1	37	47		97.5	24	32	-	12	M10*1.0P	M6*1.0P	2	3
-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
-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
-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
-120	221.75	120	100.9	19.1	37	47		97.5	27	34	-	14	M10*1.0P	M6*1.0P	2	3
-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
-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

规格说明:

SK50 - SF - 06 - 80

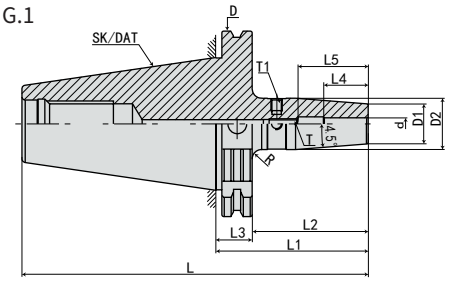
- 80 — L1 长度 Length (L1)
- 06 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- SK50 — 锥柄形式 Taper size

·SK50-SF 热缩刀柄（4.5°标准型）

SK50-SF SHRINK FIT TOOL HOLDER (4.5° STANDARD VERSION)



FIG.1



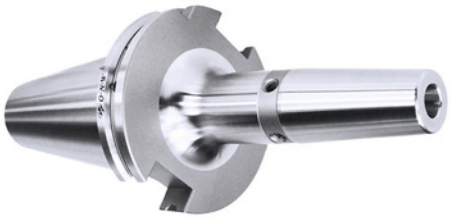


FIG.2

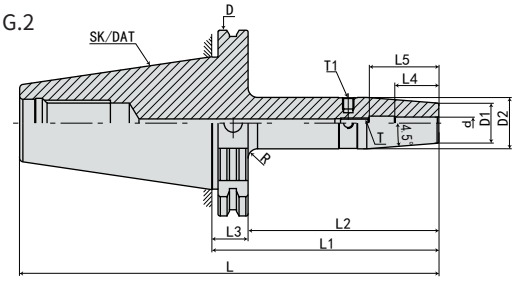
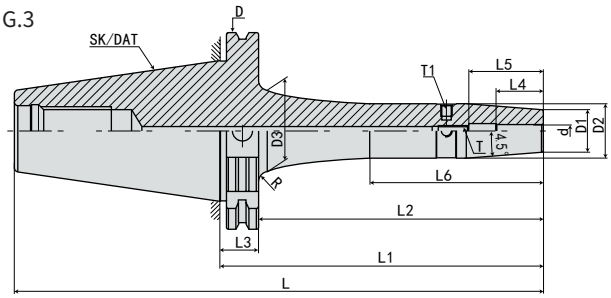




FIG.3



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
-120	221.75	120	100.9	19.1	40	50		97.5	27	34	-	16	M12*1.0P	M6*1.0P	2	3.3
-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
-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
-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
-120	221.75	120	100.9	19.1	40	50		97.5	33	42	-	18	M12*1.0P	M6*1.0P	2	3.3
-160	261.75	160	140.9	19.1	40	50		97.5	33	42		18	M12*1.0P	M6*1.0P	3	3.5
-200	301.75	200	180.9	19.1	40	50		97.5	33	42		18	M12*1.0P	M6*1.0P	3	3.7
-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
-120	221.75	120	100.9	19.1	42	52		97.5	33	42	-	20	M16*1.0P	M6*1.0P	2	3.5
-160	261.75	160	140.9	19.1	42	52		97.5	33	42		20	M16*1.0P	M6*1.0P	3	3.7
-200	301.75	200	180.9	19.1	42	52		97.5	33	42		20	M16*1.0P	M6*1.0P	3	3.9
-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
-120	221.75	120	100.9	19.1	48	58		97.5	44	53	-	25	M16*1.0P	M6*1.0P	2	3.5
-160	261.75	160	140.9	19.1	48	58		97.5	44	53		25	M16*1.0P	M6*1.0P	3	3.7
-200	301.75	200	180.9	19.1	48	58		97.5	44	53		25	M16*1.0P	M6*1.0P	3	3.9
-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
-120	221.75	120	100.9	19.1	52	62		97.5	44	53	-	32	M16*1.0P	M6*1.0P	2	3.6
-160	261.75	160	140.9	19.1	52	62		97.5	44	53		32	M16*1.0P	M6*1.0P	3	3.8
-200	301.75	200	180.9	19.1	52	62		97.5	44	53		32	M16*1.0P	M6*1.0P	3	4

规格说明:

SK50 - SF - 16 - 80

- 80 — 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

·SK30-SFS 热缩刀柄（3°细长型）

SK30-SFS SHRINK FIT TOOL HOLDER (3° SLENDER TYPE)

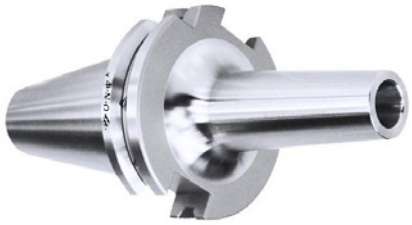
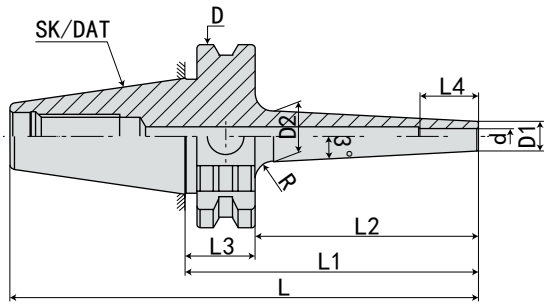


FIG.1



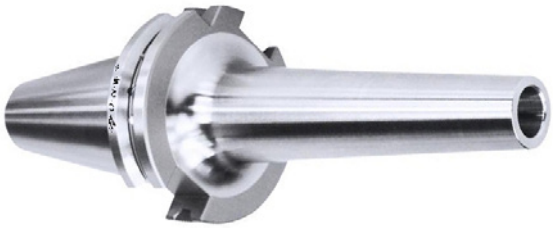
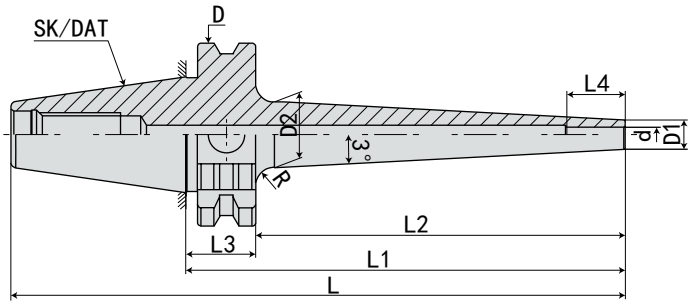


FIG.2



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
-120	167.8	120	100.9	19.1	12	50	7	17	3	5	2	0.9
-SFS04- 80	127.8	80	60.9	19.1	16	50	8	14	4	5	1	0.6
-120	167.8	120	100.9	19.1	16	50	8	18	4	5	2	0.9
-SFS05- 80	127.8	80	60.9	19.1	18	50	9	15	5	5	1	0.6
-120	167.8	120	100.9	19.1	18	50	9	19	5	5	2	0.9

规格说明:

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)

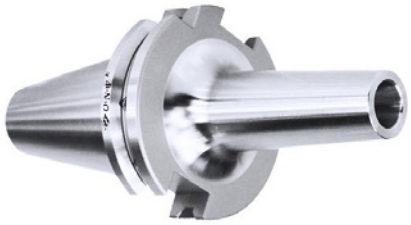
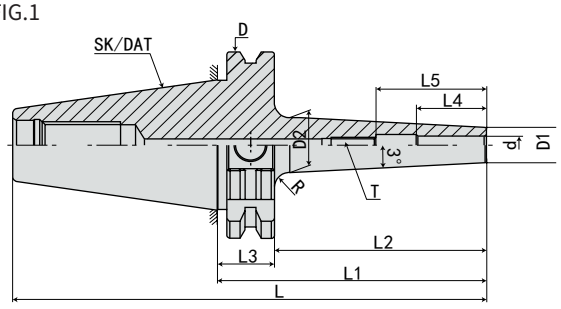


FIG.1



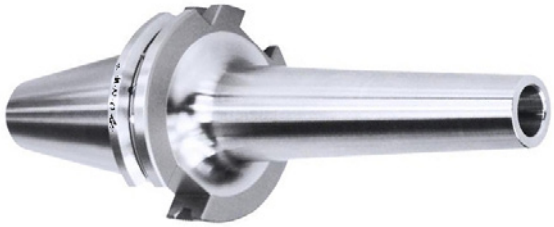
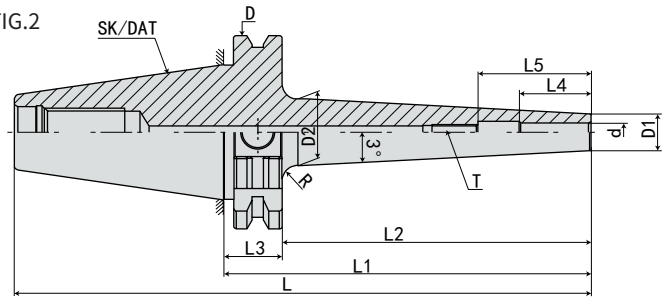


FIG.2



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
-120	167.8	120	100.9	19.1	26	36	50	10	20	6	M5*0.8P	5	2	1
-SFS08- 80	127.8	80	60.9	19.1	26	36	50	12	16	8	M6*1.0P	5	1	0.7
-120	167.8	120	100.9	19.1	26	36	50	12	20	8	M6*1.0P	5	2	1
-SFS10- 80	127.8	80	60.9	19.1	32	42	50	14	16	10	M8*1.0P	5	1	0.8
-120	167.8	120	100.9	19.1	32	42	50	14	20	10	M8*1.0P	5	2	1.1
-SFS12- 80	127.8	80	60.9	19.1	37	47	50	16	16	12	M10*1.0P	5	1	0.8
-120	167.8	120	100.9	19.1	37	47	50	16	20	12	M10*1.0P	5	2	1.1
-SFS14- 80	127.8	80	60.9	19.1	37	47	50	20	26	14	M10*1.0P	5	1	1
-120	167.8	120	100.9	19.1	37	47	50	20	29	14	M10*1.0P	5	2	1.2
-SFS16- 80	127.8	80	60.9	19.1	40	50	50	22	28	16	M12*1.0P	5	1	1
-120	167.8	120	100.9	19.1	40	50	50	22	31	16	M12*1.0P	5	2	1.2

规格说明:

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)

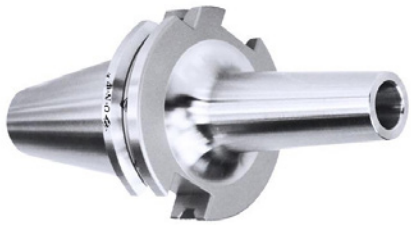
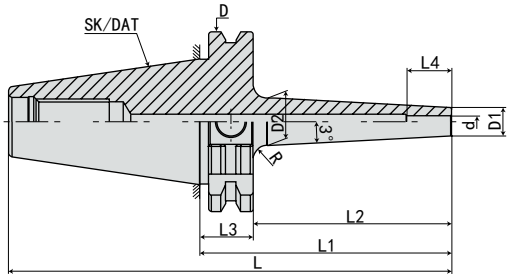


FIG.1



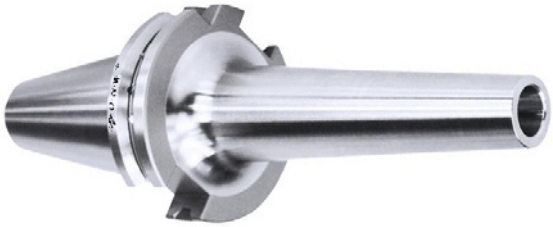
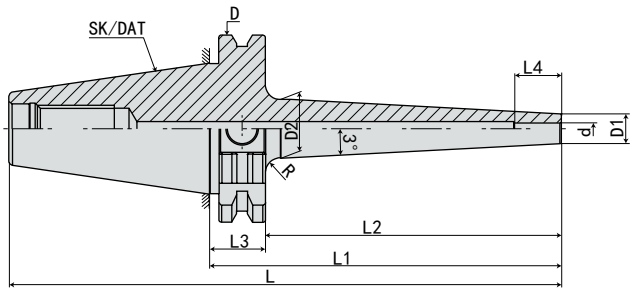


FIG.2



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
-120	188.4	120	100.9	19.1	12	63.55	9	16	3	5	2	1.1
-160	228.4	160	140.9	19.1	12	63.55	9	19	3	5	2	1.2
-200	268.4	200	180.9	19.1	12	63.55	9	22	3	5	2	1.3
-SFS04- 90	158.4	90	70.9	19.1	16	63.55	10	16	4	5	1	1
-120	188.4	120	100.9	19.1	16	63.55	10	17	4	5	2	1.1
-160	228.4	160	140.9	19.1	16	63.55	10	20	4	5	2	1.2
-200	268.4	200	180.9	19.1	16	63.55	10	23	4	5	2	1.3
-SFS05- 90	158.4	90	70.9	19.1	18	63.55	11	17	5	5	1	1
-120	188.4	120	100.9	19.1	18	63.55	11	18	5	5	2	1.1
-160	228.4	160	140.9	19.1	18	63.55	11	21	5	5	2	1.2
-200	268.4	200	180.9	19.1	18	63.55	11	24	5	5	2	1.3

规格说明:

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)

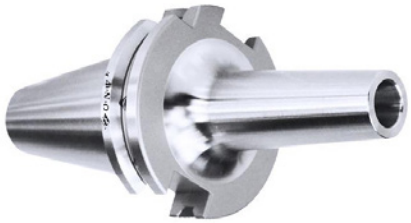
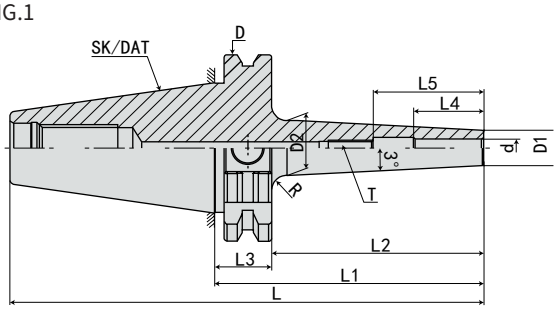


FIG.1



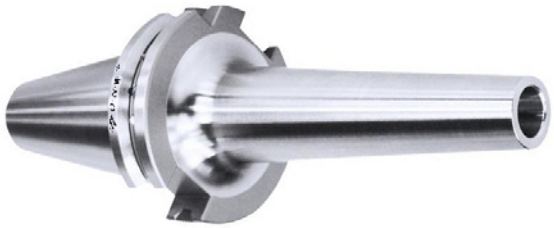
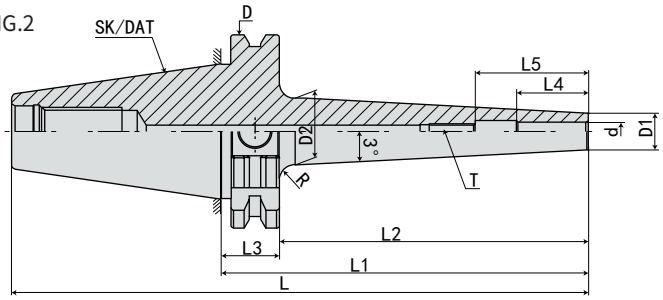


FIG.2



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
-120	188.4	120	100.9	19.1	26	36	63.55	12	21	6	M5*0.8P	10	2	1.2
-160	228.4	160	140.9	19.1	26	36	63.55	12	24	6	M5*0.8P	10	2	1.3
-200	268.4	200	180.9	19.1	26	36	63.55	12	27	6	M5*0.8P	10	2	1.4
-SFS08- 90	158.4	90	70.9	19.1	26	36	63.55	14	20	8	M6*1.0P	10	1	1.1
-120	188.4	120	100.9	19.1	26	36	63.55	14	23	8	M6*1.0P	10	2	1.2
-160	228.4	160	140.9	19.1	26	36	63.55	14	26	8	M6*1.0P	10	2	1.3
-200	268.4	200	180.9	19.1	26	36	63.55	14	29	8	M6*1.0P	10	2	1.4
-SFS10- 90	158.4	90	70.9	19.1	32	42	63.55	16	22	10	M8*1.0P	10	1	1.1
-120	188.4	120	100.9	19.1	32	42	63.55	16	25	10	M8*1.0P	10	2	1.2
-160	228.4	160	140.9	19.1	32	42	63.55	16	28	10	M8*1.0P	10	2	1.3
-200	268.4	200	180.9	19.1	32	42	63.55	16	31	10	M8*1.0P	10	2	1.4
-SFS12- 90	158.4	90	70.9	19.1	37	47	63.55	18	24	12	M10*1.0P	10	1	1.1
-120	188.4	120	100.9	19.1	37	47	63.55	18	27	12	M10*1.0P	10	2	1.2
-160	228.4	160	140.9	19.1	37	47	63.55	18	30	12	M10*1.0P	10	2	1.3
-200	268.4	200	180.9	19.1	37	47	63.55	18	33	12	M10*1.0P	10	2	1.4
-SFS14- 90	158.4	90	70.9	19.1	37	47	63.55	20	26	14	M10*1.0P	10	1	1.2
-120	188.4	120	100.9	19.1	37	47	63.55	20	29	14	M10*1.0P	10	2	1.3
-160	228.4	160	140.9	19.1	37	47	63.55	20	32	14	M10*1.0P	10	2	1.5
-200	268.4	200	180.9	19.1	37	47	63.55	20	35	14	M10*1.0P	10	2	1.7
-SFS16- 90	158.4	90	70.9	19.1	40	50	63.55	22	28	16	M12*1.0P	10	1	1.2
-120	188.4	120	100.9	19.1	40	50	63.55	22	31	16	M12*1.0P	10	2	1.3
-160	228.4	160	140.9	19.1	40	50	63.55	22	34	16	M12*1.0P	10	2	1.5
-200	268.4	200	180.9	19.1	40	50	63.55	22	37	16	M12*1.0P	10	2	1.7
-SFS18- 90	158.4	90	70.9	19.1	40	50	63.55	24	30	18	M12*1.0P	10	1	1.2
-120	188.4	120	100.9	19.1	40	50	63.55	24	33	18	M12*1.0P	10	2	1.3
-160	228.4	160	140.9	19.1	40	50	63.55	24	36	18	M12*1.0P	10	2	1.6
-200	268.4	200	180.9	19.1	40	50	63.55	24	39	18	M12*1.0P	10	2	1.9
-SFS20- 90	158.4	90	70.9	19.1	42	52	63.55	26	32	20	M12*1.0P	10	1	1.3
-120	188.4	120	100.9	19.1	42	52	63.55	26	35	20	M12*1.0P	10	2	1.4
-160	228.4	160	140.9	19.1	42	52	63.55	26	38	20	M12*1.0P	10	2	1.7
-200	268.4	200	180.9	19.1	42	52	63.55	26	41	20	M12*1.0P	10	2	2

规格说明:

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)

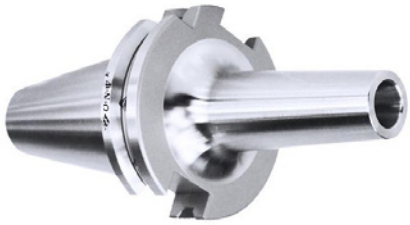
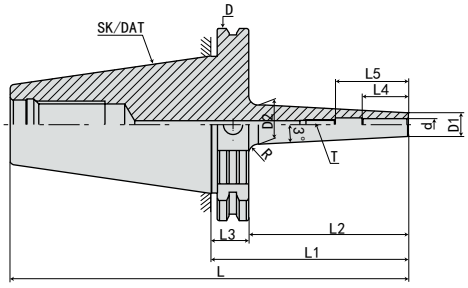


FIG.1



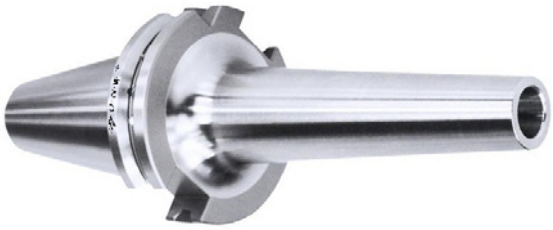
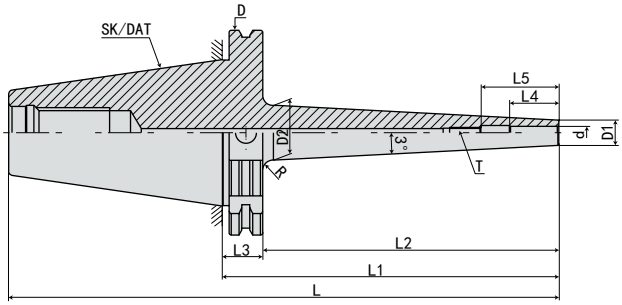


FIG.2



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
-120	221.75	120	100.9	19.1	26	36	97.5	12	20	6	M5*0.8P	10	1	3.9
-160	261.75	160	140.9	19.1	26	36	97.5	12	24	6	M5*0.8P	10	2	4.2
-200	301.75	200	180.9	19.1	26	36	97.5	12	28	6	M5*0.8P	10	2	5.8
-SFS08-100	201.75	100	80.9	19.1	26	36	97.5	14	20	8	M6*1.0P	10	1	3.8
-120	221.75	120	100.9	19.1	26	36	97.5	14	22	8	M6*1.0P	10	1	3.9
-160	261.75	160	140.9	19.1	26	36	97.5	14	26	8	M6*1.0P	10	2	4.2
-200	301.75	200	180.9	19.1	26	36	97.5	14	30	8	M6*1.0P	10	2	5.8
-SFS10-100	201.75	100	80.9	19.1	32	42	97.5	16	22	10	M8*1.0P	10	1	3.9
-120	221.75	120	100.9	19.1	32	42	97.5	16	24	10	M8*1.0P	10	1	4.1
-160	261.75	160	140.9	19.1	32	42	97.5	16	28	10	M8*1.0P	10	2	4.3
-200	301.75	200	180.9	19.1	32	42	97.5	16	32	10	M8*1.0P	10	2	5.9
-SFS12-100	201.75	100	80.9	19.1	37	47	97.5	18	24	12	M10*1.0P	10	1	3.9
-120	221.75	120	100.9	19.1	37	47	97.5	18	26	12	M10*1.0P	10	1	4.1
-160	261.75	160	140.9	19.1	37	47	97.5	18	30	12	M10*1.0P	10	2	4.3
-SFS12-200	301.75	200	180.9	19.1	37	47	97.5	18	34	12	M10*1.0P	10	2	5.9
-SFS14-100	201.75	100	80.9	19.1	37	47	97.5	20	26	14	M10*1.0P	10	1	3.9
-120	221.75	120	100.9	19.1	37	47	97.5	20	28	14	M10*1.0P	10	1	4.1
-160	261.75	160	140.9	19.1	37	47	97.5	20	32	14	M10*1.0P	10	2	4.3
-200	301.75	200	180.9	19.1	37	47	97.5	20	36	14	M10*1.0P	10	2	5.9
-SFS16-100	201.75	100	80.9	19.1	40	50	97.5	22	28	16	M12*1.0P	10	1	4
-120	221.75	120	100.9	19.1	40	50	97.5	22	30	16	M12*1.0P	10	1	4.2
-160	261.75	160	140.9	19.1	40	50	97.5	22	34	16	M12*1.0P	10	2	4.4
-200	301.75	200	180.9	19.1	40	50	97.5	22	38	16	M12*1.0P	10	2	6
-SFS18-100	201.75	100	80.9	19.1	40	50	97.5	24	30	18	M12*1.0P	10	1	4
-120	221.75	120	100.9	19.1	40	50	97.5	24	32	18	M12*1.0P	10	1	4.2
-160	261.75	160	140.9	19.1	40	50	97.5	24	36	18	M12*1.0P	10	2	4.4
-200	301.75	200	180.9	19.1	40	50	97.5	24	40	18	M12*1.0P	10	2	6
-SFS20-100	201.75	100	80.9	19.1	42	52	97.5	26	32	20	M16*1.0P	10	1	4.1
-120	221.75	120	100.9	19.1	42	52	97.5	26	34	20	M16*1.0P	10	1	4.3
-160	261.75	160	140.9	19.1	42	52	97.5	26	38	20	M16*1.0P	10	2	4.4
-200	301.75	200	180.9	19.1	42	52	97.5	26	42	20	M16*1.0P	10	2	6.1

规格说明:

SK50 - SFS - 06 - 100

- 100 — L1 长度 Length (L1)
- 06 — 刀杆直径 Diameter
- SFS — 功能代号 Holder type
- SK50 — 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

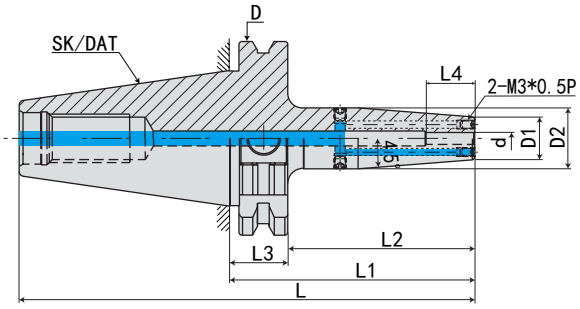
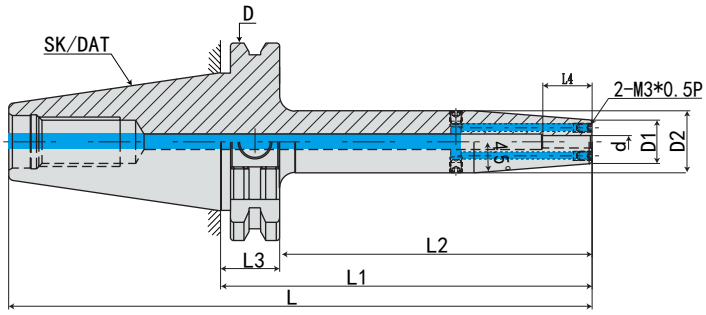




FIG.2



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
-120K	188.4	120	100.9	19.1	12	63.55	14	20	3	5	2	1.1
-160K	228.4	160	140.9	19.1	12	63.55	14	20	3	5	2	1.2
-SF04- 80K	148.4	80	60.9	19.1	16	63.55	14	20	4	5	1	1
-120K	188.4	120	100.9	19.1	16	63.55	14	20	4	5	2	1.1
-160K	228.4	160	140.9	19.1	16	63.55	14	20	4	5	2	1.2
-SF05- 80K	148.4	80	60.9	19.1	18	63.55	14	20	5	5	1	1
-120K	188.4	120	100.9	19.1	18	63.55	14	20	5	5	2	1.1
-160K	228.4	160	140.9	19.1	18	63.55	14	20	5	5	2	1.2

规格说明:

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)



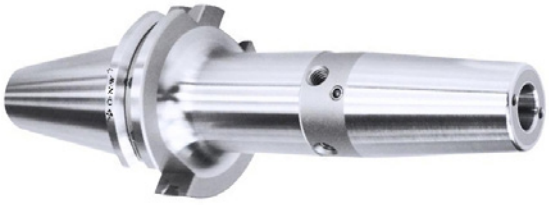


FIG.1

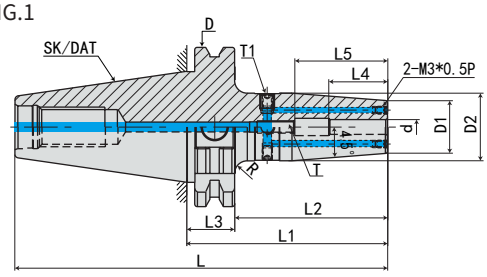


FIG.2

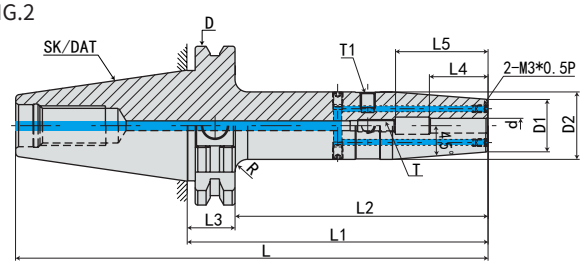
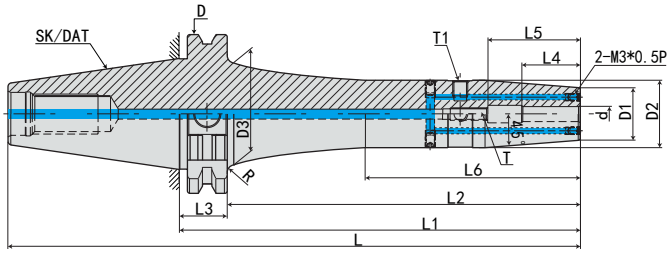


FIG.3



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
-120K	188.4	120	100.9	19.1	26	36	-	63.55	21	27	-	6	M5*0.8P	M6*1.0P	2	1.5
-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
-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
-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
-120K	188.4	120	100.9	19.1	26	36	-	63.55	21	27	-	8	M6*1.0P	M6*1.0P	2	1.5
-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
-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
-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
-120K	188.4	120	100.9	19.1	32	42	-	63.55	24	32	-	10	M8*1.0P	M6*1.0P	2	1.6
-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
-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
-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
-120K	188.4	120	100.9	19.1	37	47	-	63.55	24	32	-	12	M10*1.0P	M6*1.0P	2	1.6
-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
-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
-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
-120K	188.4	120	100.9	19.1	37	47	-	63.55	27	34	-	14	M10*1.0P	M6*1.0P	2	1.6
-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
-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

规格说明:

SK40 - SF - 06 - 80K

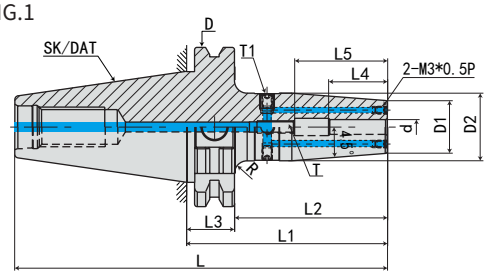
- 80K — L1 长度 Length (L1)
- 06 — 刀杆直径 Diameter
- SF — 功能代号 Holder type
- SK40 — 锥柄形式 Taper size

·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



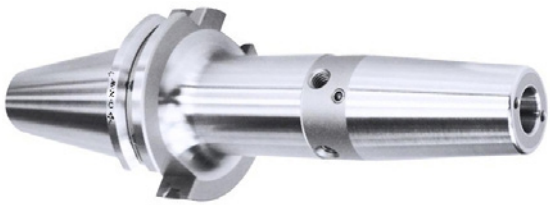


FIG.2

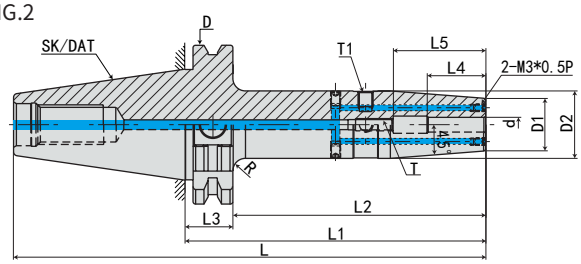
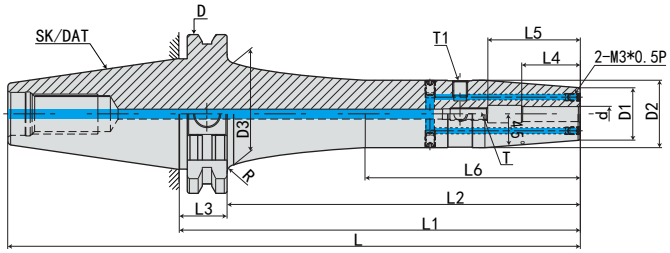


FIG.3



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
-120K	188.4	120	100.9	19.1	40	50	-	63.55	27	34	-	16	M12*1.0P	M6*1.0P	2	1.6
-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
-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
-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
-120K	188.4	120	100.9	19.1	40	50	-	63.55	33	42	-	18	M12*1.0P	M6*1.0P	2	1.7
-160K	228.4	160	140.9	19.1	40	50	-	63.55	33	42	-	18	M12*1.0P	M6*1.0P	2	2
-200K	268.4	200	180.9	19.1	40	50	-	63.55	33	42	-	18	M12*1.0P	M6*1.0P	2	2.4
-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
-120K	188.4	120	100.9	19.1	42	52	-	63.55	33	42	-	20	M16*1.0P	M6*1.0P	2	1.7
-160K	228.4	160	140.9	19.1	42	52	-	63.55	33	42	-	20	M16*1.0P	M6*1.0P	2	2
-200K	268.4	200	180.9	19.1	42	52	-	63.55	33	42	-	20	M16*1.0P	M6*1.0P	2	2.4
-SF25- 80K	148.4	80	60.9	19.1	48	58	-	63.55	44	53	-	25	M16*1.0P	M6*1.0P	1	2
-120K	188.4	120	100.9	19.1	48	58	-	63.55	44	53	-	25	M16*1.0P	M6*1.0P	2	2.3
-160K	228.4	160	140.9	19.1	48	58	-	63.55	44	53	-	25	M16*1.0P	M6*1.0P	2	2.6
-200K	268.4	200	180.9	19.1	48	58	-	63.55	44	53	-	25	M16*1.0P	M6*1.0P	2	3
-SF32- 80K	148.4	80	60.9	19.1	52	62	-	63.55	44	53	-	32	M16*1.0P	M6*1.0P	1	2
-120K	188.4	120	100.9	19.1	52	62	-	63.55	44	53	-	32	M16*1.0P	M6*1.0P	2	2.3
-160K	228.4	160	140.9	19.1	52	62	-	63.55	44	53	-	32	M16*1.0P	M6*1.0P	2	2.6
-200K	268.4	200	180.9	19.1	52	62	-	63.55	44	53	-	32	M16*1.0P	M6*1.0P	2	3

规格说明:

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)



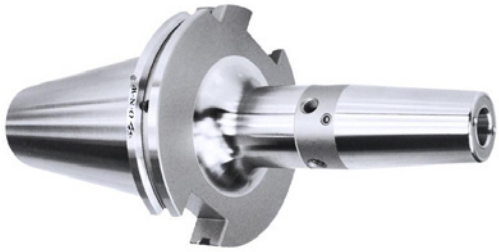


FIG.1

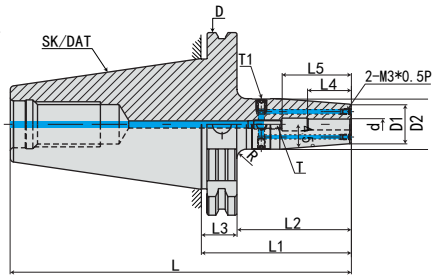


FIG.2

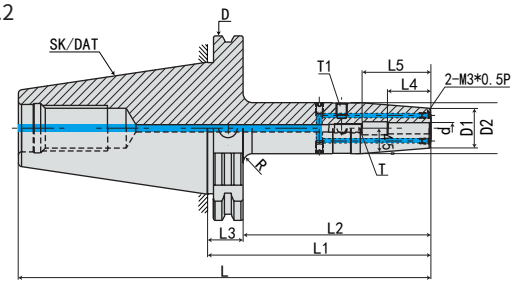
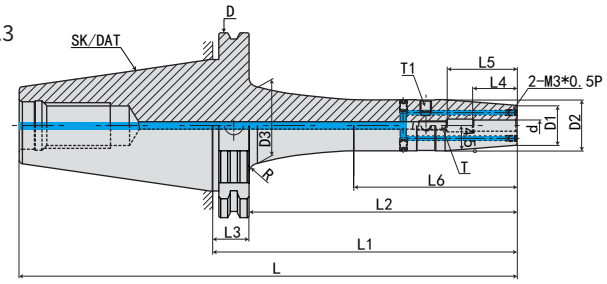


FIG.3



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
-120K	221.75	120	100.9	19.1	26	36	-	97.5	21	27	-	6	M5*0.8P	M6*1.0P	2	2.9
-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
-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
-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
-120K	221.75	120	100.9	19.1	26	36	-	97.5	21	27	-	8	M6*1.0P	M6*1.0P	2	2.9
-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
-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
-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
-120K	221.75	120	100.9	19.1	32	42	-	97.5	24	32	-	10	M8*1.0P	M6*1.0P	2	2.9
-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
-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
-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
-120K	221.75	120	100.9	19.1	37	47	-	97.5	24	32	-	12	M10*1.0P	M6*1.0P	2	3
-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
-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
-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
-120K	221.75	120	100.9	19.1	37	47	-	97.5	27	34	-	14	M10*1.0P	M6*1.0P	2	3
-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
-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

规格说明:

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)



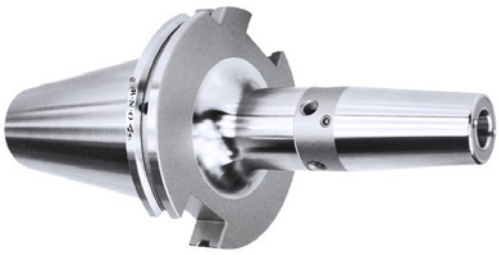


FIG.1

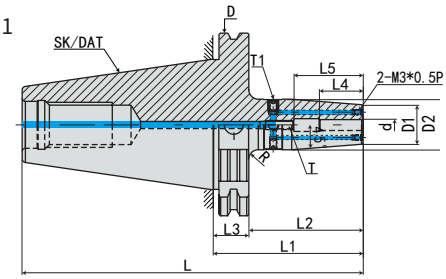


FIG.2

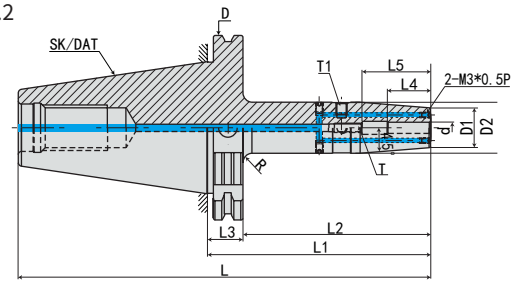
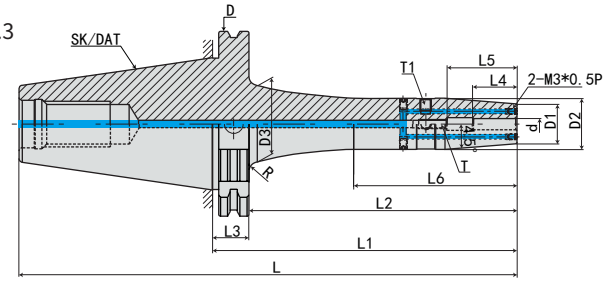


FIG.3



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
-120K	221.75	120	100.9	19.1	40	50	-	97.5	27	34	-	16	M12*1.0P	M6*1.0P	2	3.3
-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
-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
-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
-120K	221.75	120	100.9	19.1	40	50	-	97.5	33	42	-	18	M12*1.0P	M6*1.0P	2	3.3
-160K	261.75	160	140.9	19.1	40	50	-	97.5	33	42		18	M12*1.0P	M6*1.0P	3	3.5
-200K	301.75	200	180.9	19.1	40	50	-	97.5	33	42		18	M12*1.0P	M6*1.0P	3	3.7
-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
-120K	221.75	120	100.9	19.1	42	52	-	97.5	33	42	-	20	M16*1.0P	M6*1.0P	2	3.5
-160K	261.75	160	140.9	19.1	42	52	-	97.5	33	42		20	M16*1.0P	M6*1.0P	3	3.7
-200K	301.75	200	180.9	19.1	42	52	-	97.5	33	42		20	M16*1.0P	M6*1.0P	3	3.9
-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
-120K	221.75	120	100.9	19.1	48	58	-	97.5	44	53	-	25	M16*1.0P	M6*1.0P	2	3.5
-160K	261.75	160	140.9	19.1	48	58	-	97.5	44	53		25	M16*1.0P	M6*1.0P	3	3.7
-200K	301.75	200	180.9	19.1	48	58	-	97.5	44	53		25	M16*1.0P	M6*1.0P	3	3.9
-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
-120K	221.75	120	100.9	19.1	52	62	-	97.5	44	53	-	32	M16*1.0P	M6*1.0P	2	3.6
-160K	261.75	160	140.9	19.1	52	62	-	97.5	44	53		32	M16*1.0P	M6*1.0P	3	3.8
-200K	301.75	200	180.9	19.1	52	62	-	97.5	44	53		32	M16*1.0P	M6*1.0P	3	4

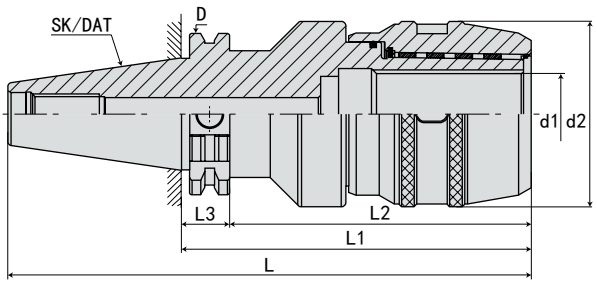
规格说明:

SK50 - SF - 16 - 80K

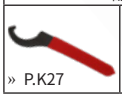
- SK50 — 锥柄形式 Taper size
- SF — 功能代号 Holder type
- 16 — 刀杆直径 Diameter
- 80K — L1 长度 Length (L1)

·SK-C 型高精度强力刀柄 SK-C FORCE MILLING CHUCK

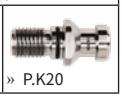




配 件 Accessories


» P.K27


» P.K12


» P.K20

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
-100	147.8	100	81	19.1	20	56	50	3 4 5 6 8 10 12 14 16
-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
-100	147.8	100	81	19.1	20	56	63.55	3 4 5 6 8 10 12 14 16
-135	182.8	135	116	19.1	20	56	63.55	3 4 5 6 8 10 12 14 16
-C25-100	147.8	100	81	19.1	25	61	63.55	3 4 5 6 8 10 12 14 16 18 20
-135	182.8	135	116	19.1	25	61	63.55	3 4 5 6 8 10 12 14 16 18 20
-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
-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
-150	251.75	150	131	19.1	20	56	97.5	3 4 5 6 8 10 12 14 16
-C25-105	206.75	105	86	19.1	25	61	97.5	3 4 5 6 8 10 12 14 16 18 20
-165	266.75	165	146	19.1	25	61	97.5	3 4 5 6 8 10 12 14 16 18 20
-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
-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
-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
-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
-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：

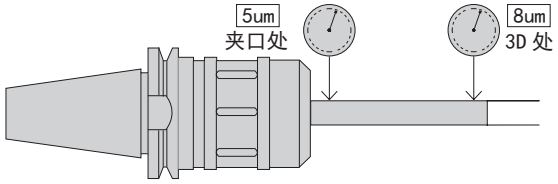
高速、高精度、高寿命直柄刀具系列
◎材质：20CrMnTi/15CrMn
◎硬度：HRC58-60，渗碳深度＞ 0.8mm
◎锥柄公差等级：≤ AT3
◎刀柄内孔分割了六槽，以防止刀具转动，增大夹持力
◎采用特殊材料制作滚针轴承保持架，延长使用寿命，增强夹紧力
◎具有夹持力大，定点精度高，特别适用于强力切削
◎可提供两种外观：光饰或涂层处理
◎内孔多次研磨，可达 Ra0.4, 起到镜面效果
◎外圆及端面多次研磨，可达 Ra0.4, 起到镜面效果
◎表面“环保”特殊涂层处理，提高表面硬度、耐磨性，提高清洁度，精度更稳定，表面更光滑，防锈、防腐蚀效果更好，手感更舒适，外观更美观
◎扳手、拉钉、筒夹须另行购买

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.

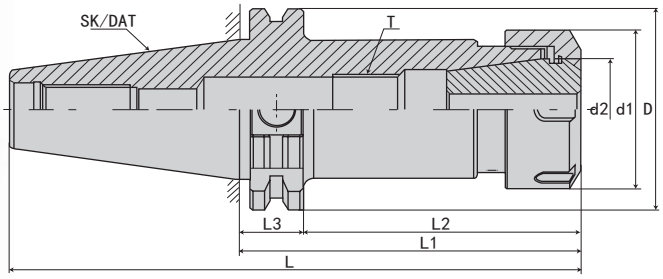
规格说明：

SK30 - C - 20 - 85
- 85 — L1 长度 Length (L1)
- 20 — 筒夹型号 Collect model
- C — 筒夹种类 Collect type C
- SK30 — 锥柄形式 Taper size

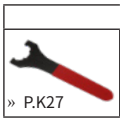


·SK30-ER 弹性筒夹刀柄 SK30-ER COLLET CHUCK





配 件 Accessories


» P.K27


» P.K07


» P.K27


» P.K20

规 格 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
-ER16- 63	110.8	63	44	19.1	28	16	50	1-10mm	0.7
-120	167.8	120	101	19.1	28	16	50	1-10mm	0.85
-ER20- 63	110.8	63	44	19.1	34	20	50	1-13mm	0.8
-120	167.8	120	101	19.1	34	20	50	1-13mm	1.05
-ER25- 63	110.8	63	44	19.1	42	25	50	1-16mm	0.85
-ER32- 63	110.8	63	44	19.1	50	32	50	2-20mm	0.90

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.

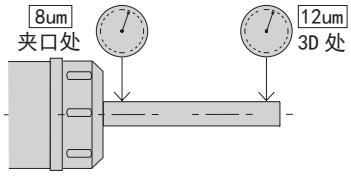
◎ Always use the recommended wrench or spanner, unless, there might cause damage of cutting tools.

◎ The spanner、 pull stud chuck must purchase alone.

规格说明:

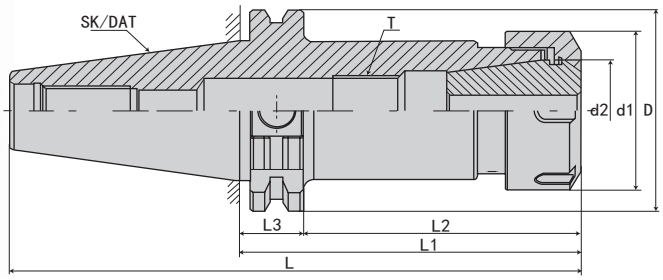
SK30 - ER - 11 - 80

- 80 — L1 长度 Length (L1)
- 11 — 筒夹型号 Collect model
- ER — 筒夹种类 Collect type ER
- SK30 — 锥柄形式 Taper size



·SK40-ER 弹性筒夹刀柄 SK40-ER COLLET CHUCK





配 件 Accessories


» P.K27


» P.K07


» P.K27


» P.K20

规 格 Model	L	L1	L2	L3	d1	d2	D	夹持范围 Range	重量 KGS
SK40-ER11- 80	148.4	80	61	19.1	19	11	63.55	1-7mm	1.05
-100	168.4	100	81	19.1	19	11	63.55	1-7mm	1.1
-150	218.4	150	131	19.1	19	11	63.55	1-7mm	
-ER16-100	168.4	100	81	19.1	28	16	63.55	1-10mm	1.4
-150	218.4	150	131	19.1	28	16	63.55	1-10mm	1.65
-200	268.4	200	181	19.1	28	16	63.55	1-10mm	
-ER20- 70	138.4	70	51	19.1	34	20	63.55	1-13mm	1.4
-100	168.4	100	81	19.1	34	20	63.55	1-13mm	1.5
-150	218.4	150	131	19.1	34	20	63.55	1-13mm	
-200	268.4	200	181	19.1	34	20	63.55	1-13mm	
-ER25- 70	138.4	70	51	19.1	42	25	63.55	1-16mm	1.6
-100	168.4	100	81	19.1	42	25	63.55	1-16mm	1.85
-150	218.4	150	131	19.1	42	25	63.55	1-16mm	2.25
-200	268.4	200	181	19.1	42	25	63.55	1-16mm	2.55
-ER32- 70	138.4	70	51	19.1	50	32	63.55	2-20mm	1.6
-100	168.4	100	81	19.1	50	32	63.55	2-20mm	2.0
-150	218.4	150	131	19.1	50	32	63.55	2-20mm	2.65
-200	268.4	200	181	19.1	50	32	63.55	2-20mm	3.2
-ER40- 70	138.4	70	51	19.1	63	40	63.55	2-26mm	1.5
-100	168.4	100	81	19.1	63	40	63.55	2-26mm	2.0
-150	233.4	150	131	19.1	63	40	63.55	2-26mm	3.8
-200	268.4	200	181	19.1	63	40	63.55	2-26mm	
-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.

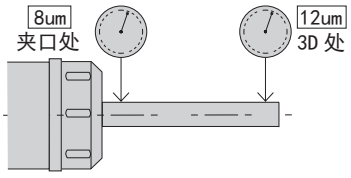
◎ Always use the recommended wrench or spanner, unless, there might cause damage of cutting tools.

◎ The spanner、 pull stud chuck must purchase alone.

规格说明:

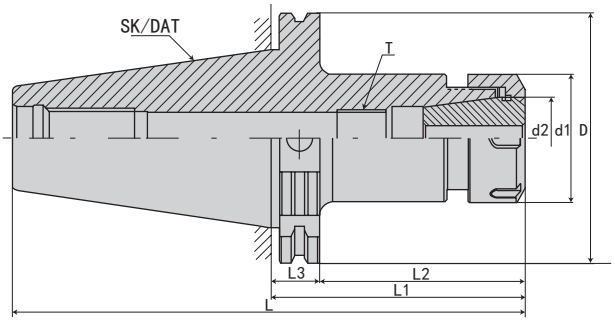
SK40 - ER - 11 - 80

- 80 — L1 长度 Length (L1)
- 11 — 筒夹型号 Collect model
- ER — 筒夹种类 Collect type ER
- SK40 — 锥柄形式 Taper size

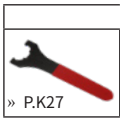


·SK50-ER 弹性筒夹刀柄 SK50-ER COLLET CHUCK





配 件 Accessories


» P.K27


» P.K07


» P.K19


» P.K20

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
-150	251.75	150	131	19.1	28	16	97.5	1-10mm	
-200	301.75	200	181	19.1	28	16	97.5	1-10mm	4.7
-250	351.75	250	231	19.1	28	16	97.5	1-10mm	
-ER20- 70	171.5	70	51	19.1	34	20	97.5	1-13mm	
-100	201.75	100	81	19.1	34	20	97.5	1-13mm	3.4
-150	251.75	150	131	19.1	34	20	97.5	1-13mm	
-200	301.75	200	181	19.1	34	20	97.5	1-13mm	4.7
-250	351.75	250	231	19.1	34	20	97.5	1-13mm	
-ER25- 80	181.75	80	61	19.1	42	25	97.5	1-16mm	
-100	201.75	100	81	19.1	42	25	97.5	1-16mm	4.15
-150	251.75	150	131	19.1	42	25	97.5	1-16mm	4.5
-200	301.75	200	181	19.1	42	25	97.5	1-16mm	4.8
-250	351.75	250	231	19.1	42	25	97.5	1-16mm	
-300	401.75	300	281	19.1	42	25	97.5	1-16mm	
-ER32- 80	181.75	80	61	19.1	50	32	97.5	2-20mm	3.6
-100	201.75	100	81	19.1	50	32	97.5	2-20mm	
-150	251.75	150	131	19.1	50	32	97.5	2-20mm	
-200	301.75	200	181	19.1	50	32	97.5	2-20mm	5.1
-250	351.75	250	231	19.1	50	32	97.5	2-20mm	5.3
-300	401.75	300	281	19.1	50	32	97.5	2-20mm	6
-ER40- 80	181.75	80	61	19.1	63	40	97.5	2-26mm	3.5
-100	201.75	100	81	19.1	63	40	97.5	2-26mm	
-150	251.75	150	131	19.1	63	40	97.5	2-26mm	
-200	301.75	200	181	19.1	63	40	97.5	2-26mm	5.2
-250	351.75	250	231	19.1	63	40	97.5	2-26mm	5.8
-300	401.75	300	281	19.1	63	40	97.5	2-26mm	6.5
-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

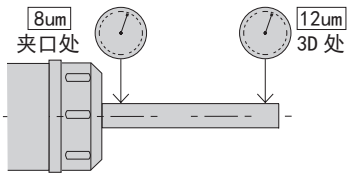
Features:

◎ 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.

规格说明:

SK50 - ER - 16 - 100

- 100 L1 长度 Length (L1)
- 16 筒夹型号 Collect model
- ER 筒夹种类 Collect type ER
- SK50 锥柄形式 Taper size



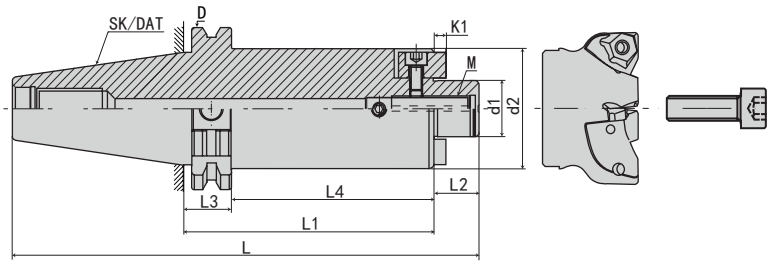
·SK-FMB 平面铣刀柄 SK-FMB FACE MILL ARBOR



配 件 Accessories



» P.K20



规 格 Model	L	L1	L2	L3	L4	D	d1	d2	k1	k2	螺孔 M
SK30-FMB22- 35	100.8	35	18	19.1	16	50	22	48	4.8	10	M10*1.5P
-FMB27- 35	102.8	35	20	19.1	16	50	27	58	5.8	12	M12*1.75P
SK40-FMB22- 45	131.4	45	18	19.1	26	63.55	22	48	4.8	10	M10*1.5P
- 60	146.4	60	18	19.1	41	63.55	22	48	4.8	10	M10*1.5P
-100	186.4	100	18	19.1	81	63.55	22	48	4.8	10	M10*1.5P
-150	236.4	150	18	19.1	131	63.55	22	48	4.8	10	M10*1.5P
-FMB27- 45	133.4	45	20	19.1	26	63.55	27	58	5.8	12	M12*1.75P
- 60	148.4	60	20	19.1	41	63.55	27	58	5.8	12	M12*1.75P
-100	163.4	100	20	19.1	81	63.55	27	58	5.8	12	M12*1.75P
-FMB32- 45	110.4	45	22	19.1	26	63.55	32	70	6.8	14	M16*2.0P
- 60	125.4	60	22	19.1	41	63.55	32	70	6.8	14	M16*2.0P
-100	165.4	100	22	19.1	81	63.55	32	70	6.8	14	M16*2.0P
-FMB40- 45	113.4	45	25	19.1	26	63.55	40	80	8.3	16	M16*2.0P
- 60	128.4	60	25	19.1	41	63.55	40	80	8.3	16	M16*2.0P
-100	168.4	100	25	19.1	81	63.55	40	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.

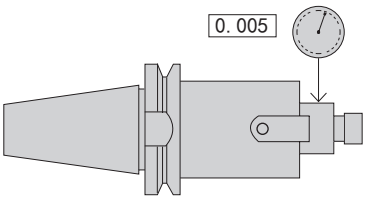
◎ Can be made upon requested dimensions.

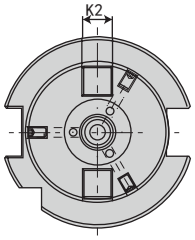
◎ The pull stud must purchase alone.

规格说明:

SK30 - FMB - 22 - 35

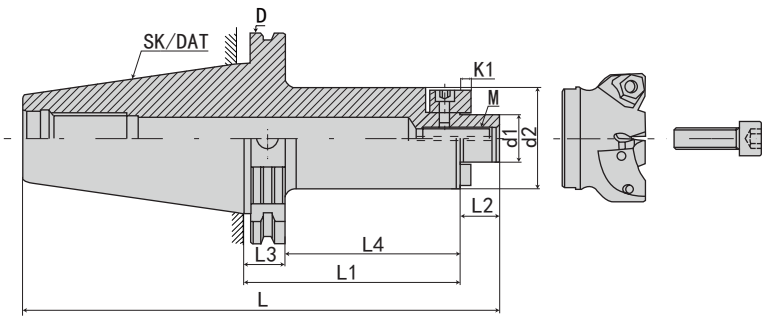
- 35 — L1 长度 Length (L1)
- 22 — 接口直径 Bore diameter of cutter
- FMB — 功能代号 Face mill holder type B
- SK30 — 锥柄形式 Taper size





·SK50-FMB 平面铣刀柄 SK50-FMB FACE MILL ARBOR





配 件 Accessories



» P.K20

规 格 Model	L	L1	L2	L3	L4	D	d1	d2	d3	k1	k2	螺孔 M
SK50-FMB22- 45	164.75	45	18	19.1	26	97.5	22	26	48	4.8	10	M10*1.5P
- 60	179.75	60	18	19.1	41	97.5	22	26	48	4.8	10	M10*1.5P
-100	219.75	100	18	19.1	81	97.5	22	26	48	4.8	10	M10*1.5P
-150	269.75	150	18	19.1	131	97.5	22	26	48	4.8	10	M10*1.5P
-200	319.75	200	18	19.1	181	97.5	22	26	48	4.8	10	M10*1.5P
-250	369.75	250	18	19.1	231	97.5	22	26	48	4.8	10	M10*1.5P
-FMB27- 45	166.75	45	20	19.1	26	97.5	27	33	58	5.8	12	M12*1.75P
- 60	181.75	60	20	19.1	41	97.5	27	33	58	5.8	12	M12*1.75P
-100	221.75	100	20	19.1	81	97.5	27	33	58	5.8	12	M12*1.75P
-150	271.75	150	20	19.1	131	97.5	27	33	58	5.8	12	M12*1.75P
-200	321.75	200	20	19.1	181	97.5	32	33	58	5.8	12	M12*1.75P
-FMB32- 45	168.75	45	22	19.1	26	97.5	32	40	70	6.8	14	M16*2.0P
- 60	183.75	60	22	19.1	41	97.5	32	40	70	6.8	14	M16*2.0P
-100	223.75	100	22	19.1	81	97.5	32	40	70	6.8	14	M16*2.0P
-150	273.75	150	22	19.1	231	97.5	32	40	70	6.8	14	M16*2.0P
-200	323.75	200	22	19.1	281	97.5	32	40	70	6.8	14	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.

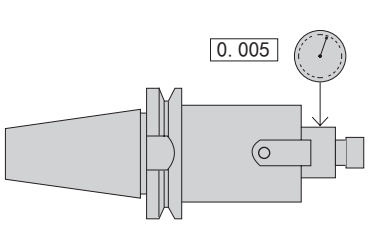
◎ Can be made upon requested dimensions.

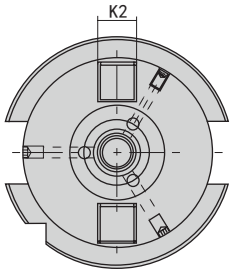
◎ The pull stud must purchase alone.

规格说明:

SK50 - FMB - 22 - 45

- 45 — L1 长度 Length (L1)
- 22 — 接口直径 Bore diameter of cutter
- FMB — 功能代号 Face mill holder type B
- SK50 — 锥柄形式 Taper size





·SK50-FMB 平面铣刀柄 SK50-FMB FACE MILL ARBOR





配 件 Accessories



» P.K20

FIG. 1

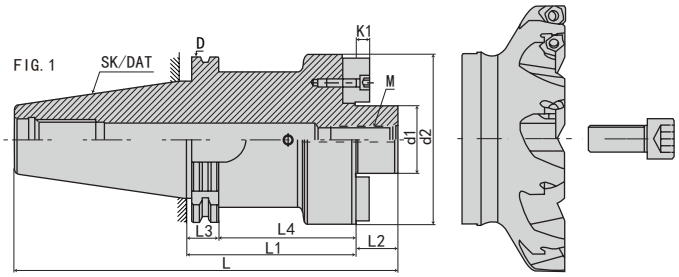
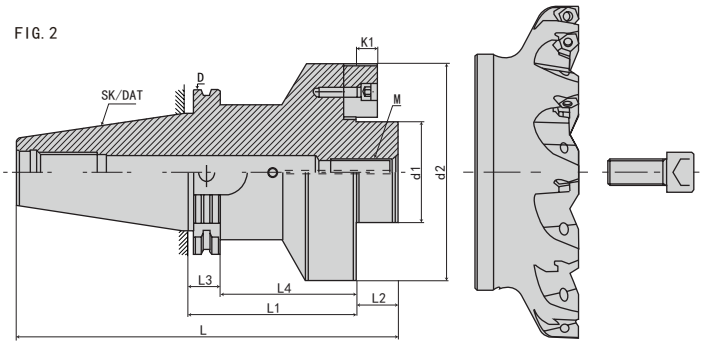


FIG. 2



规 格 Model	L	L1	L2	L3	L4	PCD	D	d1	d2	d3	四螺孔	k1	k2	螺孔 M	FIG
SK50- FMB40- 50	176.75	50	25	19.1	31	/	97.5	40	50	80	/	8.3	16	M16*2.0P	1
- 70	191.75	70	25	19.1	51	/	97.5	40	50	80	/	8.3	16	M16*2.0P	1
-100	226.75	100	25	19.1	81	/	97.5	40	50	80	/	8.3	16	M16*2.0P	1
-150	276.75	150	25	19.1	131	/	97.5	40	50	80	/	8.3	16	M16*2.0P	1
-200	326.75	200	25	19.1	181	/	97.5	40	50	80	/	8.3	16	M16*2.0P	1
- FMB50- 60	181.75	60	30	19.1	41	/	97.5	50	68	95	/	9.7	19	M24*3.0P	1
-100	221.75	100	30	19.1	81	/	97.5	50	68	95	/	9.7	19	M24*3.0P	1
SK40-FMB40F- 60(四螺孔)	153.4	60	25	19.1	41	66.7	97.5	40	/	99	M12*1.75P	8.3	16	M16*2.0P	1
SK50-FMB40F- 70(四螺孔)	196.75	70	25	19.1	51	66.7	97.5	40	/	99	M12*1.75P	8.3	16	M16*2.0P	1
-100(四螺孔)	226.75	100	25	19.1	81	66.7	97.5	40	/	99	M12*1.75P	8.3	16	M16*2.0P	1
-150(四螺孔)	276.8	150	25	19.1	131	66.7	97.5	40	/	99	M12*1.75P	8.3	16	M16*2.0P	1
-200(四螺孔)	326.8	200	25	19.1	181	66.7	97.5	40	/	99	M12*1.75P	8.3	16	M16*2.0P	1
- FMB60- 70(四螺孔)	196.75	70	25	19.1	51	101.6	97.5	60	/	128	M16*2.0P	12.5	25.4	M16*2.0P	2

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.

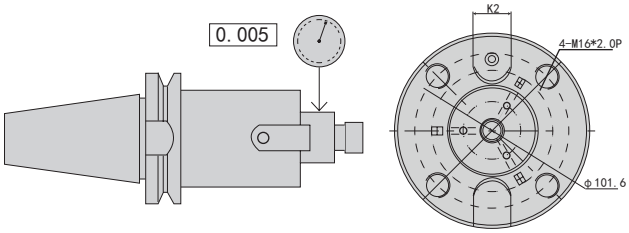
◎ Can be made upon requested dimensions.

◎ The pull stud must purchase alone.

规格说明:

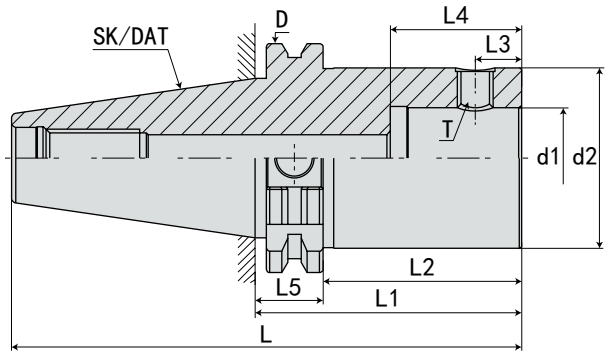
SK50 - FMB - 40 - 50

- 锥柄形式 Taper size
- 功能代号 Face mill holder type B
- 接口直径 Bore diameter of cutter
- L1 长度 Length (L1)



·SK40-LBK 镗头刀柄 SK40-LBK BORING HEAD SHANK





配 件 Accessories



» P.K20

规 格 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
-105	168.4	105	85.9	5.05	30	19.1	63.55	19	11	M4*0.5P	1.2
-LBK2- 85	153.4	85	65.9	6.62	31	19.1	63.55	24	14	M5*0.5P	1.2
-115	178.4	115	95.9	6.62	31	19.1	63.55	24	14	M5*0.5P	1.3
-LBK3- 95	163.4	95	75.9	8	35	19.1	63.55	31	18	M6*0.75P	1.3
-125	188.4	125	105.9	8	35	19.1	63.55	31	18	M6*0.75P	1.2
-155	218.4	155	135.9	8	35	19.1	63.55	31	18	M6*0.75P	1.6
-LBK4- 85	153.4	85	65.9	10	39	19.1	63.55	39	22	M8*0.75P	1.7
-130	193.4	130	110.9	10	39	19.1	63.55	39	22	M8*0.75P	1.45
-175	243.4	175	155.9	10	39	19.1	63.55	39	22	M8*0.75P	1.5
-205	273.4	205	185.9	10	39	19.1	63.55	39	22	M8*0.75P	2.1
-300	368.4	300	280.9	10	39	19.1	63.55	39	22	M8*0.75P	2.2
-LBK5- 75	143.4	75	55.9	13	45	19.1	63.55	50	28	M10*1.0P	2.3
-125	188.4	125	105.9	13	45	19.1	63.55	50	28	M10*1.0P	1.7
-175	243.4	175	155.9	13	45	19.1	63.55	50	28	M10*1.0P	1.95
-205	273.4	205	185.9	13	45	19.1	63.55	50	28	M10*1.0P	3
-250	318.4	250	230.9	13	45	19.1	63.55	50	28	M10*1.0P	3.2
-LBK6- 65	133.4	65	45.9	16	55	19.1	63.55	63	36	M12*1.0P	3.5
-115	178.4	115	95.9	16	55	19.1	63.55	63	36	M12*1.0P	2.15
-165	233.4	165	145.9	16	55	19.1	63.55	63	36	M12*1.0P	3.5
-205	273.4	205	185.9	16	55	19.1	63.55	63	36	M12*1.0P	3.85
-250	318.4	250	230.9	16	55	19.1	63.55	63	36	M12*1.0P	4.1
-300	368.4	300	280.9	16	55	19.1	63.55	63	36	M12*1.0P	4.5

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.

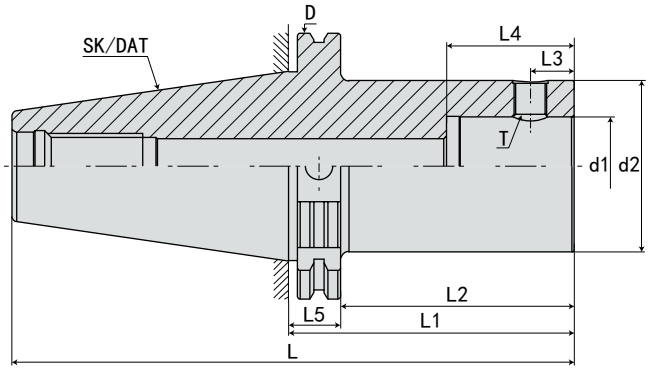
规格说明:

SK40 - LBK - 1 - 75

- 75 — L1 长度 Length (L1)
- 1 — 接口锥度 Taper No. of cutter
- LBK — 功能代号 Holder type
- SK40 — 锥柄形式 Taper size

·SK50-LBK 镗头刀柄 SK50-LBK BORING HEAD SHANK





配 件 Accessories



» P.K20

规 格 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
-115	216.75	115	95.9	5.05	30	19.1	97.5	19	11	M4*0.5P	3.9
-145	246.75	145	125.9	5.05	30	19.1	97.5	19	11	M4*0.5P	4.4
-LBK2- 90	191.75	90	70.9	6.62	31	19.1	97.5	24	14	M5*0.5P	4.5
-110	211.75	110	90.9	6.62	31	19.1	97.5	24	14	M5*0.5P	4
-140	241.75	140	120.9	6.62	31	19.1	97.5	24	14	M5*0.5P	5
-LBK3- 90	191.75	90	70.9	8	35	19.1	97.5	31	18	M6*0.75P	4.4
-125	226.75	125	105.9	8	35	19.1	97.5	31	18	M6*0.75P	4.4
-155	256.75	155	135.9	8	35	19.1	97.5	31	18	M6*0.75P	4.6
-185	286.75	185	165.9	8	35	19.1	97.5	31	18	M6*0.75P	4.75
-LBK4- 90	191.75	90	70.9	10	39	19.1	97.5	39	22	M8*0.75P	4.6
-115	216.75	115	95.9	10	39	19.1	97.5	39	22	M8*0.75P	4.8
-145	246.75	145	125.9	10	39	19.1	97.5	39	22	M8*0.75P	4.95
-175	276.75	175	155.9	10	39	19.1	97.5	39	22	M8*0.75P	5.1
-205	306.75	205	185.9	10	39	19.1	97.5	39	22	M8*0.75P	5.2
-250	351.75	250	230.9	10	39	19.1	97.5	39	22	M8*0.75P	5.5
-300	401.75	300	280.9	10	39	19.1	97.5	39	22	M8*0.75P	5.6

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.

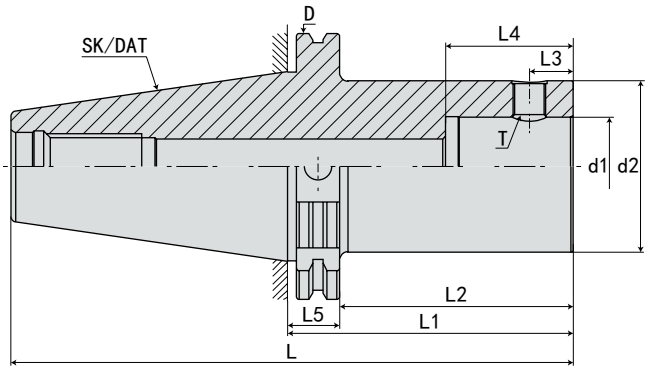
规格说明:

SK50 - LBK - 1 - 90

- 90 — L1 长度 Length (L1)
- 1 — 接口锥度 Taper No. of cutter
- LBK — 功能代号 Holder type
- SK50 — 锥柄形式 Taper size

·SK50-LBK 镗头刀柄 SK50-LBK BORING HEAD SHANK





配 件 Accessories



» P.K20

规 格 Model	L	L1	L2	L3	L4	L5	D	d2	d1	侧边螺丝	重量 KGS
SK50-LBK5- 90	191.75	90	70.9	13	45	19.1	97.5	50	28	M10*1.0P	5.4
-105	206.75	105	85.9	13	45	19.1	97.5	50	28	M10*1.0P	5.5
-150	251.75	150	130.9	13	45	19.1	97.5	50	28	M10*1.0P	6
-180	281.75	180	160.9	13	45	19.1	97.5	50	28	M10*1.0P	6.2
-240	341.75	240	220.9	13	45	19.1	97.5	50	28	M10*1.0P	6.4
-270	371.75	270	250.9	13	45	19.1	97.5	50	28	M10*1.0P	6.7
-300	401.75	300	280.9	13	45	19.1	97.5	50	28	M10*1.0P	7
-350	451.75	350	330.9	13	45	19.1	97.5	50	28	M10*1.0P	7.3
-400	501.75	400	380.9	13	45	19.1	97.5	50	28	M10*1.0P	7.6
-LBK6- 90	191.75	90	70.9	16	55	19.1	97.5	63	36	M12*1.0P	5.9
-105	206.75	105	85.9	16	55	19.1	97.5	63	36	M12*1.0P	6.5
-150	251.75	150	130.9	16	55	19.1	97.5	63	36	M12*1.0P	6.7
-170	271.75	170	150.9	16	55	19.1	97.5	63	36	M12*1.0P	6.9
-180	281.75	180	160.9	16	55	19.1	97.5	63	36	M12*1.0P	7
-230	331.75	230	210.9	16	55	19.1	97.5	63	36	M12*1.0P	7.45
-270	371.75	270	250.9	16	55	19.1	97.5	63	36	M12*1.0P	8.2
-300	401.75	300	280.9	16	55	19.1	97.5	63	36	M12*1.0P	9.5
-350	451.75	350	330.9	16	55	19.1	97.5	63	36	M12*1.0P	10.8
-400	501.75	400	380.9	16	55	19.1	97.5	63	36	M12*1.0P	11.3
-450	551.75	450	430.9	16	55	19.1	97.5	63	36	M12*1.0P	11.8
-500	601.75	500	480.9	16	55	19.1	97.5	63	36	M12*1.0P	12.3

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.

规格说明:

SK50 - LBK - 5 - 90

- 90 — L1 长度 Length (L1)
- 5 — 接口锥度 Taper No. of cutter
- LBK — 功能代号 Holder type
- SK50 — 锥柄形式 Taper size

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



配 件 Accessories

» P.K20

FIG.1

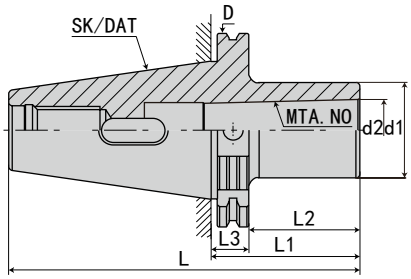
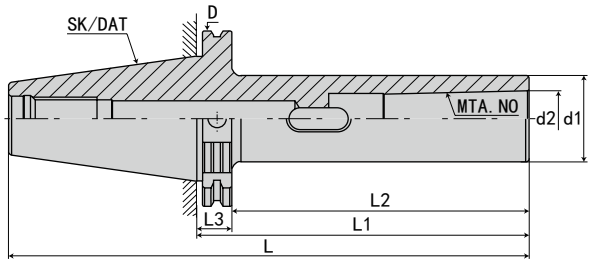


FIG.2



规 格 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
-MTA2- 60	1	107.8	60	41	19.1	32	17.780	50	Φ14-ϕ23	0.80
-MTA3- 75	1	122.8	70	51	19.1	40	23.825	50	Φ23-ϕ32	1
SK40-MTA1- 50	1	118.4	50	31	19.1	25	12.065	63.55	ϕ2-ϕ14	1.2
-MTA2- 50	1	118.4	50	31	19.1	32	17.780	63.55	Φ14-ϕ23	1
-MTA3- 70	1	138.4	70	51	19.1	40	23.825	63.55	Φ23-ϕ32	1.10
-MTA4- 95	1	163.4	95	71	19.1	48	31.267	63.55	ϕ32-ϕ50	1.35
SK50-MTA1- 45	1	146.75	45	26	19.1	25	12.065	97.5	ϕ2-ϕ14	3
-120	2	221.75	120	101	19.1	25	12.065	97.5	ϕ2-ϕ14	4.6
-MTA2- 60	1	161.75	60	41	19.1	32	17.780	97.5	Φ14-ϕ23	3.1
-135	2	236.75	135	116	19.1	32	17.780	97.5	Φ14-ϕ23	4.8
-180	2	281.75	180	161	19.1	32	17.780	97.5	Φ14-ϕ23	5
-MTA3- 65	1	166.75	65	46	19.1	40	23.825	97.5	Φ23-ϕ32	3.2
-150	2	251.75	150	131	19.1	40	23.825	97.5	Φ23-ϕ32	5
-180	2	281.75	180	161	19.1	40	23.825	97.5	Φ23-ϕ32	5.2
-MTA4- 75	1	176.75	75	56	19.1	48	31.267	97.5	ϕ32-ϕ50	3.2
- 95	1	196.75	95	76	19.1	48	31.267	97.5	ϕ32-ϕ50	3.4
-180	2	281.75	180	161	19.1	48	31.267	97.5	ϕ32-ϕ50	5.5
-MTA5-105	1	206.75	105	86	19.1	65	44.399	97.5	ϕ50-ϕ75	3.6
-200	2	301.75	200	181	19.1	65	44.399	97.5	ϕ50-ϕ75	7.2
-MTA6-200	1	301.75	200	181	19.1	85	63.348	97.5	ϕ75-ϕ100	5.2
-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

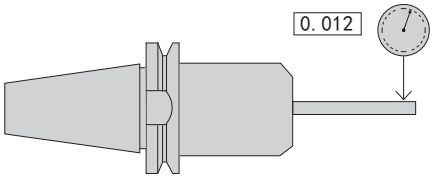
Features:

◎ Spindle conicity standard：DIN69871A or GB10944
◎ Used in Morse conicity tools, drill chuck, reamer and so on.
◎ Dimensions
◎ The pull stud must purchase alone.

规格说明:

SK30 - MTA - 1 - 50

- 锥柄形式 Taper size
- 有扁尾莫氏锥孔 Morse taper holder type A
- 莫氏锥度号 Morse taper No.
- L1 长度 Length (L1)



·SK-MTB 无扁尾莫氏刀柄 SK-MTB MORSE TAPER HOLDER



配 件 Accessories



» P.K20

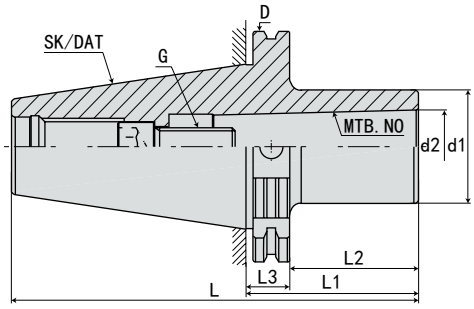


FIG.1

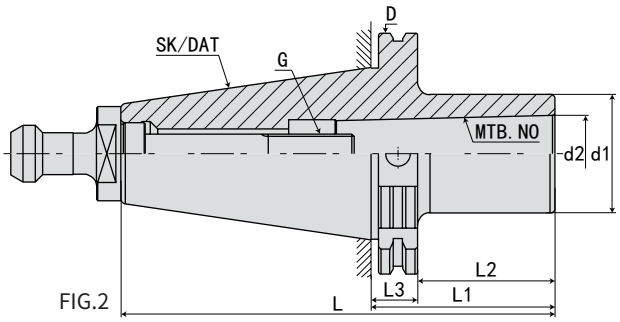


FIG.2

规 格 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
-MTB2- 60	1	107.8	60	41	19.1	32	17.780	50	ϕ16-ϕ22	0.80
-MTB3- 75	2	122.8	70	51	19.1	40	23.825	50	ϕ24-ϕ32	1
SK40-MTB1- 50	1	118.4	50	31	19.1	25	12.065	63.55	ϕ10-ϕ14	1.2
-MTB2- 50	1	118.4	50	31	19.1	32	17.780	63.55	ϕ16-ϕ22	1
-MTB3- 70	1	138.4	70	51	19.1	40	23.825	63.55	ϕ24-ϕ32	1.10
-MTB4- 95	2	163.4	95	71	19.1	48	31.267	63.55	ϕ32-ϕ50	1.35
SK50-MTB1- 45	1	146.75	45	26	19.1	25	12.065	97.5	ϕ10-ϕ14	3
-120	1	221.75	120	101	19.1	25	12.065	97.5	ϕ10-ϕ14	4.6
-MTB2- 60	1	161.75	60	41	19.1	32	17.780	97.5	ϕ16-ϕ22	3.1
-135	1	236.75	135	116	19.1	32	17.780	97.5	ϕ16-ϕ22	4.8
-180	1	281.75	180	161	19.1	32	17.780	97.5	ϕ16-ϕ22	5
-MTB3- 65	1	166.75	65	46	19.1	40	23.825	97.5	ϕ24-ϕ32	3.2
-150	1	251.75	150	131	19.1	40	23.825	97.5	ϕ24-ϕ32	5
-180	1	281.75	180	161	19.1	40	23.825	97.5	ϕ24-ϕ32	5.2
-MTB4- 75	1	176.75	75	56	19.1	48	31.267	97.5	ϕ32-ϕ50	3.2
- 95	1	196.75	95	76	19.1	48	31.267	97.5	ϕ32-ϕ50	3.4
-180	1	281.75	180	161	19.1	48	31.267	97.5	ϕ32-ϕ50	5.5
-MTB5-105	1	206.75	105	86	19.1	65	44.399	97.5	ϕ40-ϕ75	3.6
-200	1	301.75	200	181	19.1	65	44.399	97.5	ϕ40-ϕ75	7.2
-MTB6-175	1	276.75	175	156	19.1	85	63.348	97.5	ϕ75-ϕ100	5.2
-280	1	381.75	280	261	19.1	85	63.348	97.5	ϕ75-ϕ100	10

特點:

注:

◎本體錐柄規格：DIN69871–A 或 GB10944

◎刀柄用于莫氏錐柄銑刀

◎用于夹持莫氏錐度、尾端附内螺紋的切削刀具或是延長杆

◎拉釘須另行購買

Features:

◎ Spindle conicity standard：DIN69871A or GB10944

◎ Dimensions

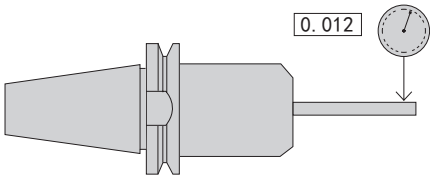
◎ Uses in supporting on both sides not–like the taper, end to attach the box thread the cutting tool perhaps lengthens the pole.

◎ The pull stud must purchase alone.

规格说明:

SK30 - MTB - 1 - 50

- 50 — L1 长度 Length (L1)
- 1 — 莫氏锥度号 Morse taper No.
- MTB — 无扁尾莫氏锥孔 Morse taper holder type B
- SK30 — 锥柄形式 Taper size



·SK-APU 一体式钻夹头刀柄 SK-APU DRILL CHUCK HOLDER



FIG.1

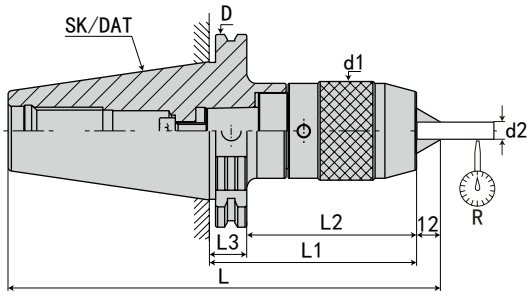
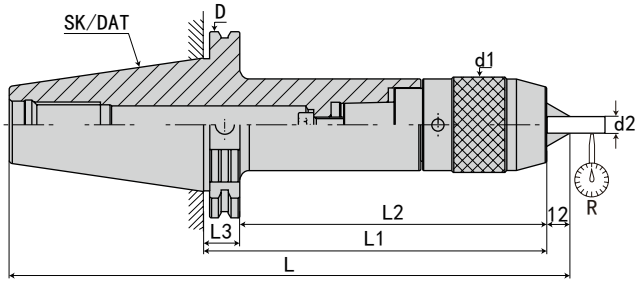
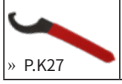


FIG.2



配 件 Accessories

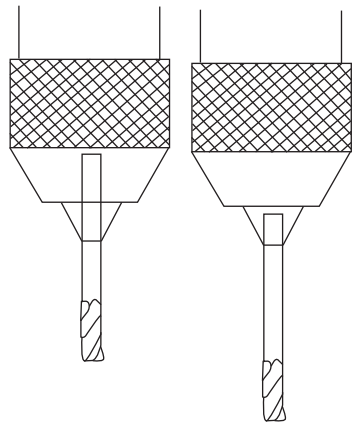


» P.K27



» P.K20

规 格 Model	L1	L	L2	L3	d1	d2	D	R	FIG	重量 KGS
SK40-APU08-85	85	162.4	58	16	37	6	63.55	0.08	1	1.46
-APU13-110	110	187.4	83	16	50	13	63.55	0.08	1	2
-150	110	187.4	93	16	57	16	63.55	0.08	2	2.35
-APU16-110	150	227.4	83	16	50	13	63.55	0.08	1	2.3
-150	150	227.4	93	16	57	16	63.55	0.08	1	2.5
SK50-APU08-90	90	203.8	52	16	37	6	97.5	0.08	1	4.16
-APU13-105	105	218.8	67	16	50	13	97.5	0.08	1	4.7
-120	120	233.8	92	16	50	13	97.5	0.08	1	5.5
-180	180	293.8	142	16	50	13	97.5	0.08	2	5.85
-APU16-105	105	218.8	67	16	57	16	97.5	0.08	1	5.03
-120	120	233.8	92	16	57	16	97.5	0.08	1	5.35
-180	180	293.8	142	16	57	16	97.5	0.08	2	5.85



（請把刀具柄部全部插入後鎖緊）
Please insert the drill into the bottom of drill chuck and then lock it tight

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

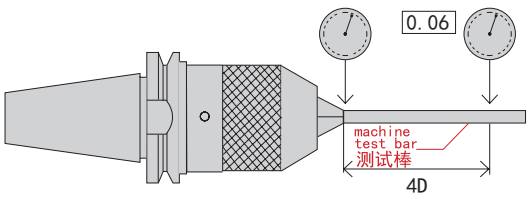
Features:

◎ 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.

规格说明:

SK40 - APU - 08 - 85

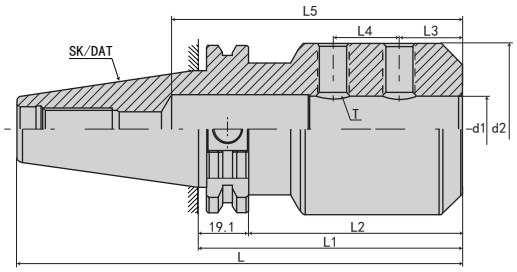
- 85 L1 长度 Length (L1)
- 08 最大夹持直径 Max grip diameter
- APU 功能代号 Drill chuck
- SK40 锥柄形式 Taper size



·SK-SLN 侧固式刀柄 SK-SLN SIDE LOCK END MILL HOLDER



FIG.1



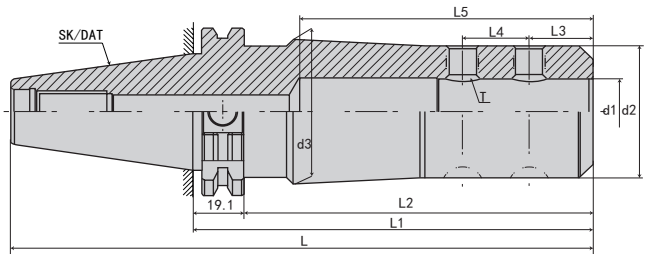


配 件 Accessories



» P.K20

FIG.2



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
- SLN8- 50	FIG1	97.8	50	31	18	-	50	8	28	28	M6*1.0P
-SLN10- 50	FIG1	97.8	50	31	20	-	55	10	35	35	M8*1.25
-SLN12- 50	FIG1	97.8	50	31	22.5	-	60	12	42	42	M10*1.5P
-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
- SLN8- 50	FIG1	118.4	50	31	18	-	50	8	28	28	M6*1.0P
-SLN10- 50	FIG1	118.4	50	31	20	-	55	10	35	35	M8*1.25
-SLN12- 50	FIG1	118.4	50	31	22.5	-	60	12	42	42	M10*1.5P
-SLN16- 63	FIG1	131.4	63	44	24	-	100	16	45	45	M12*1.75P
-100	FIG1	168.4	100	81	22	18	100	16	45	45	M12*1.75P
-150	FIG2	218.4	150	131	22	18	100	16	38	48	M10*1.5P
-SLN20- 63	FIG1	131.4	63	44	25	-	100	20	50	50	M12*1.76P
-100	FIG1	168.4	100	81	25	20	100	20	50	50	M12*1.77P
-150	FIG2	218.4	150	131	25	20	100	20	45	50	M12*1.77P
-SLN25-100	FIG1	168.4	100	81	24	25	110	25	65	65	M12*1.77P
-150	FIG2	218.4	150	131	24	25	110	25	50	55	M12*1.77P
-SLN32-100	FIG1	168.4	100	81	24	28	120	32	70	70	M16*2.0P
-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

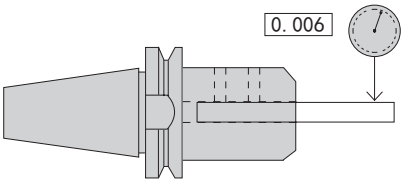
Features:

◎ 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.

规格说明:

SK30 - SLN - 6 - 50

- 50 · L1 长度 Length (L1)
- 6 · 刀杆直径 Diameter
- SLN · 功能代号 Holder type
- SK30 · 锥柄形式 Taper size



·SK50-SLN 侧固式刀柄 SK50-SLN SIDE LOCK END MILL HOLDER





配 件 Accessories



» P.K20

FIG.1

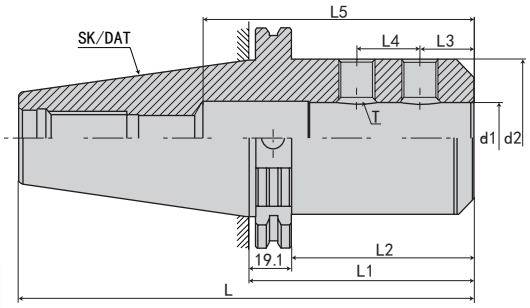
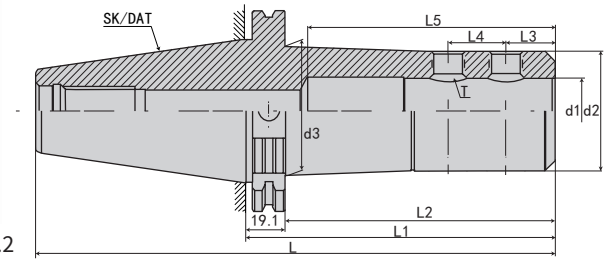


FIG.2



规 格 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
-100	FIG1	201.75	100	81	18	18	50	6	25	25	M5*0.8P
- SLN8- 63	FIG1	164.75	63	44	18	-	50	8	28	28	M6*1.0P
-100	FIG1	201.75	100	81	18	18	50	8	28	28	M6*1.0P
-SLN10- 63	FIG1	164.75	63	44	20	18	55	10	35	35	M8*1.25
-100	FIG1	201.75	100	81	20	18	55	10	35	35	M8*1.25
-SLN12- 63	FIG1	164.75	63	44	22.5	18	60	12	42	42	M10*1.5P
-100	FIG1	201.75	100	81	22.5	18	60	12	42	42	M10*1.5P
-SLN16- 63	FIG1	164.75	63	44	24	-	100	16	45	45	M12*1.75P
-100	FIG1	201.75	100	81	22	18	100	16	45	45	M12*1.75P
-150	FIG2	251.75	150	131	22	18	100	16	38	45	M10*1.5P
-SLN20- 63	FIG1	164.75	63	44	25	-	100	20	50	50	M12*1.75P
-100	FIG1	201.75	100	81	25	20	100	20	50	50	M12*1.75P
-150	FIG2	251.75	150	131	25	20	100	20	45	50	M12*1.75P

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

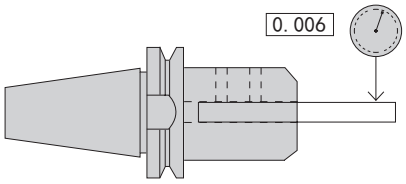
Features:

◎ 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.

规格说明:

SK50 - SLN - 6 - 63

- 63 L1 长度 Length (L1)
- 6 刀杆直径 Diameter
- SLN 功能代号 Holder type
- SK50 锥柄形式 Taper size



·SK50-SLN 侧固式刀柄 SK50-SLN SIDE LOCK END MILL HOLDER





配 件 Accessories



» P.K20

FIG.1

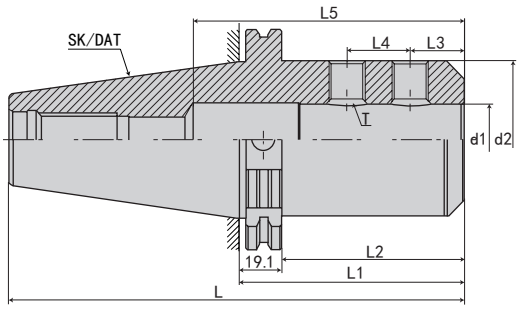
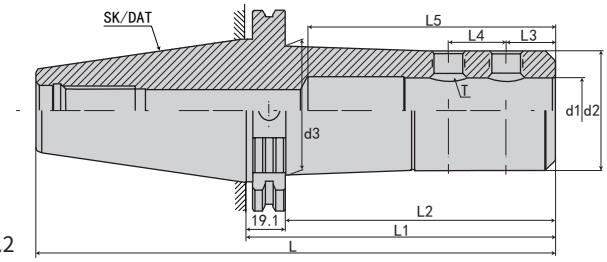


FIG.2



规 格 Model	FIG	L	L1	L2	L3	L4	L5	d1	d2	d3	T
SK50- SLN25- 80	FIG1	181.75	80	61	24	-	110	25	65	65	M12*1.75P
-100	FIG1	201.75	100	81	24	25	110	25	65	65	M12*1.75P
-150	FIG2	251.75	150	131	24	25	110	25	50	55	M12*1.75P
- SLN32-100	FIG1	201.75	100	81	24	28	120	32	70	70	M16*2.0P
-150	FIG2	251.75	150	131	24	28	120	32	58	63	M16*2.0P
-200	FIG2	301.75	200	181	24	28	120	32	58	63	M16*2.0P
- SLN40-115	FIG1	216.75	115	96	30	32	120	40	80	80	M20*2.0P
-150	FIG2	251.75	150	131	30	32	120	40	70	75	M16*2.0P
-200	FIG2	301.75	200	181	30	32	120	40	70	75	M16*2.0P
- SLN42-100	FIG1	201.75	100	81	30	32	120	42	80	80	M20*2.0P
-150	FIG2	251.75	150	131	30	32	120	42	75	80	M16*2.0P
-200	FIG2	301.75	200	181	30	32	120	42	75	80	M16*2.0P
- SLN50-120	FIG1	221.75	120	101	35	35	120	50	90	90	M20*2.0P
-150	FIG1	251.75	150	131	35	35	120	50	85	90	M20*2.0P
-SLN50.8-120	FIG1	221.75	120	101	35	35	120	50.8	90	90	M20*2.0P
-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

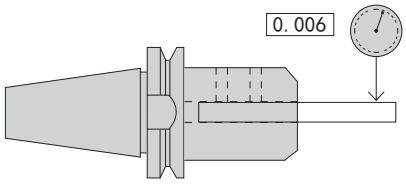
Features:

◎ 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.

规格说明:

SK50 - SLN - 25 - 80

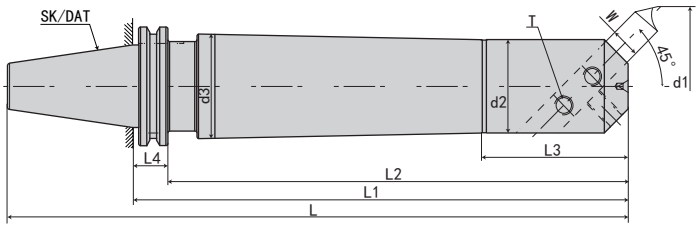
- SK50 锥柄形式 Taper size
- SLN 功能代号 Holder type
- 25 刀杆直径 Diameter
- 80 L1 长度 Length (L1)



· SK–BSA 45° 粗鏜刀杆（盲孔）

SK-BSA 45° DEGREE SLANT-INSERTED TYPE ROUGH BORING HOLDERS





配 件 Accessories	
	
» P.K31	» P.K20

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
-BSA30 -150	30	42	24	26	63.55	218.4	150	130.9	40	19.1	8	M6*1.0P	1.4
-BSA38 -165	38	52	30	33	63.55	233.4	165	145.9	50	19.1	10	M8*1.25P	1.7
-BSA42 -165	42	56	34	37	63.55	233.4	165	145.9	60	19.1	10	M8*1.25P	2
-BSA50 -165	50	65	40	44	63.55	233.4	165	145.9	65	19.1	13	M10*1.5P	2.3
-220	50	65	40	44	63.55	288.4	220	200.9	65	19.1	13	M10*1.5P	2.8
-BSA62 -180	62	90	50	56	63.55	248.4	180	160.9	80	19.1	16	M10*1.5P	2.4
-220	62	90	50	56	63.55	288.4	220	200.9	80	19.1	16	M10*1.5P	2.9
-BSA72 -180	72	110	60	/	63.55	248.4	180	160.9	95	19.1	19	M10*1.5P	3.9
-220	72	110	60	66	63.55	288.4	220	200.9	95	19.1	19	M10*1.5P	4.4
-BSA90 -180	90	125	75	/	63.55	248.4	180	160.9	110	19.1	19	M12*1.75P	5.2
-220	90	125	75	80	63.55	288.4	220	200.9	110	19.1	19	M12*1.75P	5.7
SK50-BSA25 -135	25	38	20	22	97.5	236.75	135	115.9	35	19.1	8	M6*1.0P	4.2
-185	25	38	20	22	97.5	286.75	185	165.9	35	19.1	8	M6*1.0P	4.4
-BSA30 -165	30	42	24	26	97.5	266.75	165	145.9	40	19.1	8	M6*1.0P	4.4
-BSA38 -180	38	52	30	33	97.5	281.75	180	160.9	50	19.1	10	M8*1.25P	4.8
-240	38	52	30	33	97.5	341.75	240	220.9	50	19.1	10	M8*1.25P	5
-BSA42 -210	42	56	34	37	97.5	311.75	210	190.9	60	19.1	10	M8*1.25P	5
-BSA50 -180	50	65	40	44	97.5	281.75	180	160.9	65	19.1	13	M10*1.5P	5.4
-240	50	65	40	44	97.5	341.75	240	220.9	65	19.1	13	M10*1.5P	5.7
-300	50	65	40	44	97.5	401.75	300	280.9	65	19.1	13	M10*1.5P	6
-BSA62 -195	62	90	50	56	97.5	296.75	195	175.9	80	19.1	16	M10*1.5P	6.2
-270	62	90	50	56	97.5	371.75	270	250.9	80	19.1	16	M10*1.5P	7.6
-350	62	90	50	56	97.5	451.75	350	330.9	80	19.1	16	M10*1.5P	9
-400	62	90	50	56	97.5	501.75	400	380.9	80	19.1	16	M10*1.5P	10.4
-BSA72 -195	72	110	60	66	97.5	296.75	195	175.9	95	19.1	19	M10*1.5P	7
-285	72	110	60	66	97.5	386.75	285	265.9	95	19.1	19	M10*1.5P	9.2
-350	72	110	60	66	97.5	451.75	350	330.9	95	19.1	19	M10*1.5P	10.8
-400	72	110	60	66	97.5	501.75	400	380.9	95	19.1	19	M10*1.5P	12.4
-BSA90 -210	90	125	75	80	97.5	311.75	210	190.9	110	19.1	19	M12*1.75P	9.3
-300	90	125	75	80	97.5	401.75	300	280.9	110	19.1	19	M12*1.75P	12.3
-350	90	125	75	80	97.5	451.75	350	330.9	110	19.1	19	M12*1.75P	15.3
-BSA105-195	105	160	90	/	97.5	296.75	195	175.9	130	19.1	25	M12*1.75P	10.7
-285	105	160	90	94	97.5	386.75	285	265.9	130	19.1	25	M12*1.75P	15
-300	105	160	90	94	97.5	401.75	300	280.9	130	19.1	25	M12*1.75P	13.2
-BSA130-255	130	190	110	/	97.5	356.75	255	235.9	130	19.1	25	M12*1.75P	14.5
-300	130	190	110	115	97.5	401.75	300	280.9	130	19.1	25	M12*1.75P	18.5

规格说明:

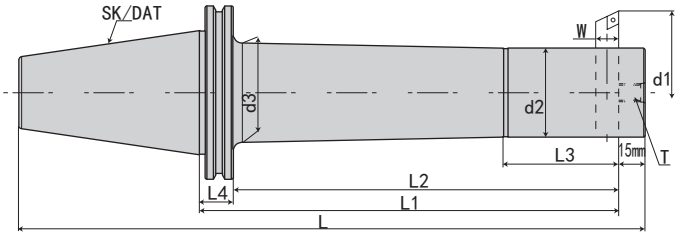
SK40 - BSA - 25 - 120

- 120 — L1 长度 Length (L1)
- 25 — 刀杆直径 Diameter
- BSA — 功能代号 Holder type
- SK40 — 锥柄形式 Taper size

·SK-BSB 90°粗镗刀杆（通孔）

SK-BSB 90° DEGREE SLANT-INSERTED TYPE ROUGH BORING HOLDERS





配 件 Accessories


» P.K31


» P.K20

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
-BSB30 -150	30	57	24	26	63.55	233.4	150	130.9	40	19.1	8	M6*1.0P	1.4
-BSB38 -165	38	70	30	33	63.55	248.4	165	145.9	50	19.1	10	M8*1.25P	1.7
-BSB42 -165	42	74	34	37	63.55	248.4	165	145.9	60	19.1	10	M8*1.25P	2
-BSB50 -165	50	90	40	44	63.55	248.4	165	145.9	65	19.1	13	M10*1.5P	2.3
-220	50	90	40	44	63.55	303.4	220	200.9	65	19.1	13	M10*1.5P	2.8
-BSB62 -180	62	115	50	56	63.55	263.4	180	160.9	80	19.1	16	M10*1.5P	2.4
-220	62	115	50	56	63.55	303.4	220	200.9	80	19.1	16	M10*1.5P	2.9
-BSB72 -180	72	135	60	/	63.55	263.4	180	160.9	95	19.1	19	M10*1.5P	3.9
-220	72	135	60	66	63.55	303.4	220	200.9	95	19.1	19	M10*1.5P	4.4
-BSB90 -180	90	150	75	/	63.55	263.4	180	160.9	110	19.1	19	M12*1.75P	5.2
-220	90	150	75	80	63.55	303.4	220	200.9	110	19.1	19	M12*1.75P	5.7
SK50-BSB25 -135	25	52	20	22	97.5	251.75	135	115.9	35	19.1	8	M6*1.0P	4.2
-185	25	52	20	22	97.5	301.75	185	165.9	35	19.1	8	M6*1.0P	4.4
-BSB30 -165	30	57	24	26	97.5	281.75	165	145.9	40	19.1	8	M6*1.0P	4.4
-BSB38 -180	38	70	30	33	97.5	296.75	180	160.9	50	19.1	10	M8*1.25P	4.8
-240	38	70	30	33	97.5	356.75	240	220.9	50	19.1	10	M8*1.25P	5
-BSB42 -210	42	74	34	37	97.5	326.75	210	190.9	60	19.1	10	M8*1.25P	5
-BSB50 -180	50	90	40	44	97.5	296.75	180	160.9	65	19.1	13	M10*1.5P	5.4
-240	50	90	40	44	97.5	356.75	240	220.9	65	19.1	13	M10*1.5P	5.7
-300	50	90	40	44	97.5	416.75	300	280.9	65	19.1	13	M10*1.5P	6
-BSB62 -195	62	115	50	56	97.5	311.75	195	175.9	80	19.1	16	M10*1.5P	6.2
-270	62	115	50	56	97.5	386.75	270	250.9	80	19.1	16	M10*1.5P	7.6
-350	62	115	50	56	97.5	466.75	350	330.9	80	19.1	16	M10*1.5P	9
-400	62	115	50	56	97.5	516.75	400	380.9	80	19.1	16	M10*1.5P	10.4
-BSB72 -195	72	135	60	66	97.5	311.75	195	175.9	95	19.1	19	M10*1.5P	7
-285	72	135	60	66	97.5	401.75	285	265.9	95	19.1	19	M10*1.5P	9.2
-350	72	135	60	66	97.5	466.75	350	330.9	95	19.1	19	M10*1.5P	10.8
-400	72	135	60	66	97.5	516.75	400	380.9	95	19.1	19	M10*1.5P	12.4
-BSB90 -210	90	150	75	80	97.5	326.75	210	190.9	110	19.1	19	M12*1.75P	9.3
-300	90	150	75	80	97.5	416.75	300	280.9	110	19.1	19	M12*1.75P	12.3
-350	90	150	75	80	97.5	466.75	350	330.9	110	19.1	19	M12*1.75P	15.3
-BSB105-195	105	190	90	/	97.5	311.75	195	175.9	130	19.1	25	M12*1.75P	10.7
-285	105	190	90	94	97.5	401.75	285	265.9	130	19.1	25	M12*1.75P	15
-300	105	190	90	94	97.5	416.75	300	280.9	130	19.1	25	M12*1.75P	13.2
-BSB130-255	130	260	110	/	97.5	371.75	255	235.9	130	19.1	25	M12*1.75P	14.5
-300	130	260	110	115	97.5	416.75	300	280.9	130	19.1	25	M12*1.75P	18.5

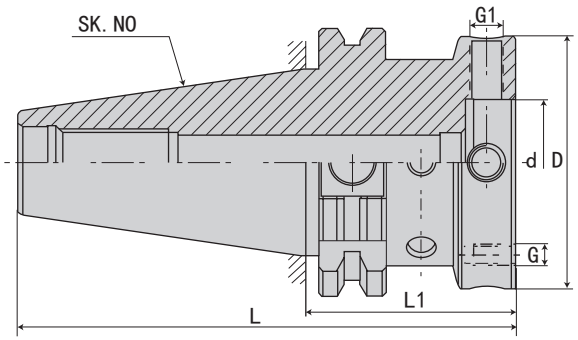
规格说明:

SK40 - BSB - 25 - 120

- 120 — L1 长度 Length (L1)
- 25 — 刀杆直径 Diameter
- BSB — 功能代号 Holder type
- SK40 — 锥柄形式 Taper size

·SK-MOD 模块刀柄 SK-MOD MODULAR TOOL HOLDER





配 件 Accessories



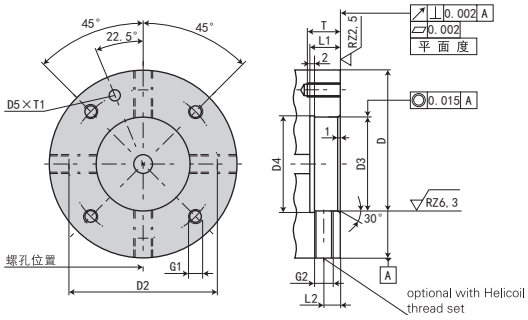
» P.K20

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
-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
-MOD070-050	118.4	50	70	35	M8*1.0P	M6*1.0P	AD + B	1.4
-MOD080-055	123.4	55	80	40	M8*1.0P	M6*1.0P	AD + B	1.7
-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
-MOD070-050	132.7	50	70	35	M8*1.0P	M6*1.0P	AD + B	2.9
-MOD080-055	137.7	55	80	40	M8*1.0P	M6*1.0P	AD + B	3.1
-MOD100-060	142.7	60	100	50	M10*1.0P	M8*1.25P	AD + B	3.3
-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
-MOD070-050	151.75	50	70	35	M8*1.0P	M6*1.0P	AD + B	3.4
-MOD080-050	151.75	50	80	40	M8*1.0P	M6*1.0P	AD + B	3.6
-MOD100-060	156.75	60	100	50	M10*1.0P	M8*1.25P	AD + B	4.4
-MOD117-060	156.75	60	117	60	M10*1.0P	M8*1.25P	AD + B	4.5
-MOD140-060	156.75	60	140	80	M10*1.0P	M8*1.25P	AD + B	4.7

规格说明:

SK30 - MOD - 060 - 050

- 050 — L1 长度 Length (L1)
- 060 — 接口大小 Collect model
- MOD — 功能代号 Holder type
- SK30 — 锥柄形式 Taper size



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	5.0	5.0	5.0	6.0	6.0	6.0	6.0
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



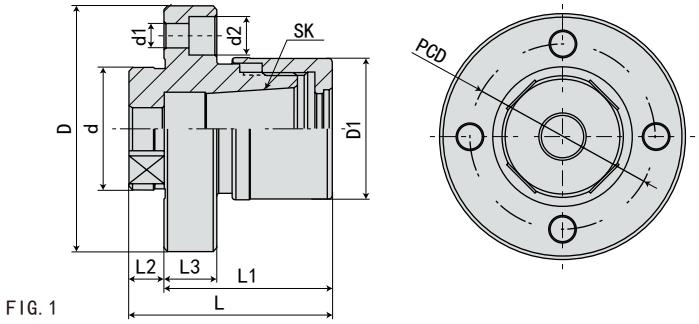


FIG. 1



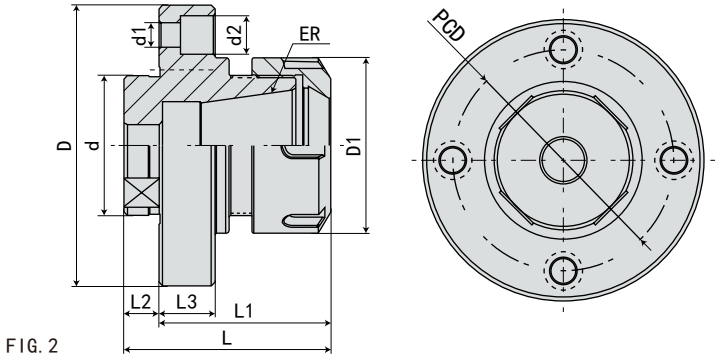


FIG. 2

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

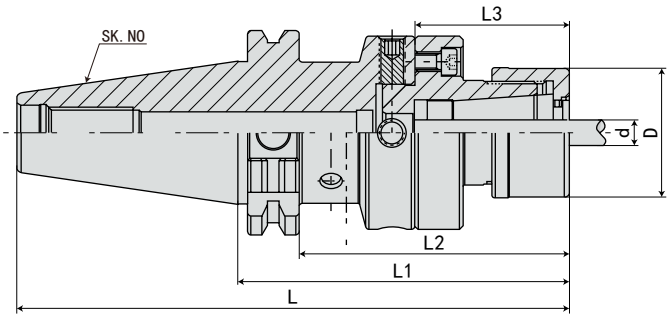
规格说明:

MOD - GSK - 16 - 48

- 48 L1 长度 Length (L1)
- 16 筒夹型号 Collect model
- GSK 筒夹种类 Collect type GSK
- MOD 锥柄形式 Taper size

·SK-MOD 可调精度刀柄（铰刀专用）

SK-MOD ADJUSTABLE CHUCK（REAMER USING）

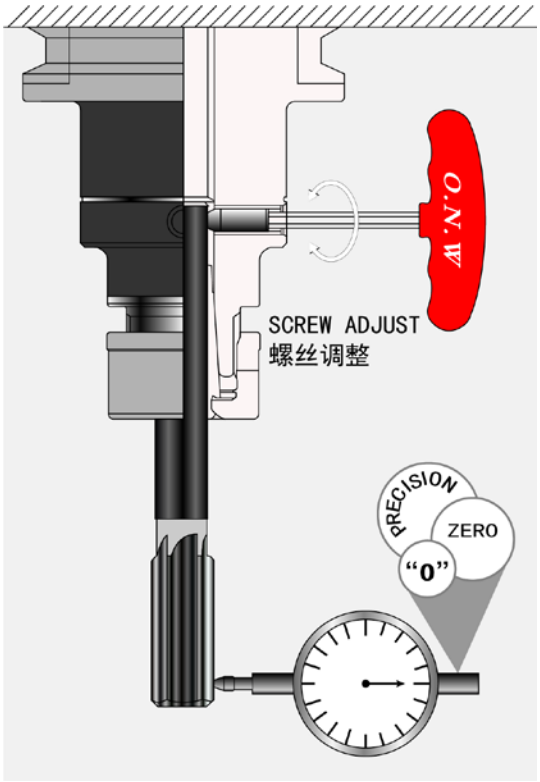


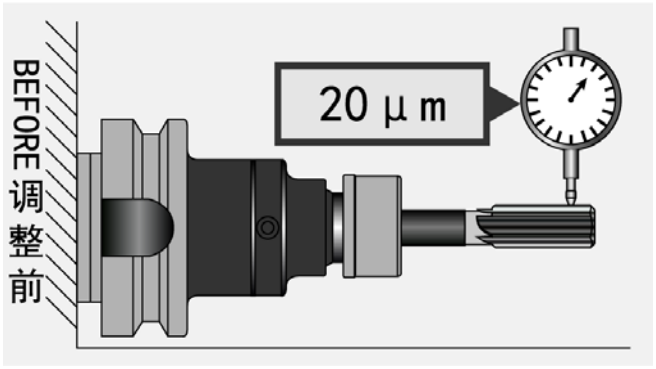
配 件 Accessories

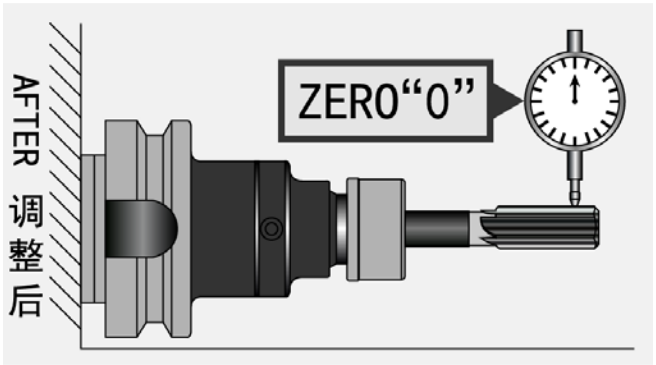


» P.K20

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
-MOD070-GSK16- 98	166.4	98	79	48	40	3-16mm	GSK16
-MOD080- ER32-104	172.4	104	85	49	50	2-20mm	ER32
-MOD080-GSK16-104	172.4	104	85	49	40	3-16mm	GSK16
-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
-MOD070-GSK16- 98	199.75	98	79	48	40	3-16mm	GSK16
-MOD080- ER32- 99	200.75	99	80	49	50	2-20mm	ER32
-MOD080-GSK16- 99	200.75	99	80	49	40	3-16mm	GSK16
-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.

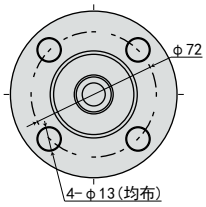
规格说明:

SK30 - MOD060 - GSK - 16 - 98

- 98 — L1 长度 Length (L1)
- 16 — 筒夹型号 Collect model
- GSK — 筒夹种类 Collect type GSK
- MOD060 — 功能代号 Holder type
- SK30 — 锥柄形式 Taper size

·SK-BST 镗孔组合刀柄 SK-BST ROUGH BORING TOOL HOLDER





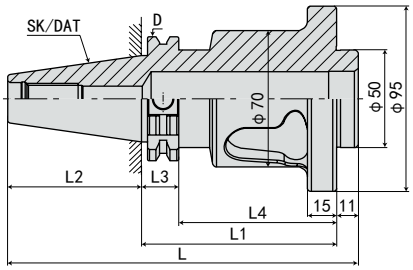
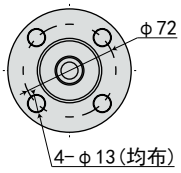


FIG.1



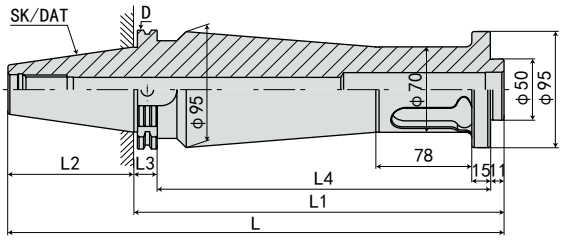


FIG.2

配 件 Accessories

» P.K20

规 格 Model	L	L1	L2	L3	L4	FIG	重量 KGS
SK40-BST-100	178.4	100	68.4	19	81	1	
-150	228.4	150	68.4	19	131	1	
-200	278.4	200	68.4	19	181	1	
-250	328.4	250	68.4	19	231	1	
-300	378.4	300	65.4	19	281	1	
SK50-BST-100	211.95	100	101.95	19	81	1	5
-150	261.95	150	101.95	19	131	1	
-200	311.95	200	101.95	19	181	1	
-250	361.95	250	101.95	19	231	1	
-300	411.95	300	101.95	19	281	2	13
-350	461.95	350	101.95	19	331	2	
-400	511.95	400	101.95	19	381	2	
-450	561.95	450	101.95	19	431	2	
-500	611.95	500	101.95	19	481	2	

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.

规格说明:

SK40 - BST - 100

- L1 长度 Length（L1）
- 功能代号 Holder type
- 锥柄形式 Taper size

·SK-EMH 喷射型侧固式刀柄

SK-EMH SPRAY NOZZLE TYPE END MILL HOLDER

FIG. 1

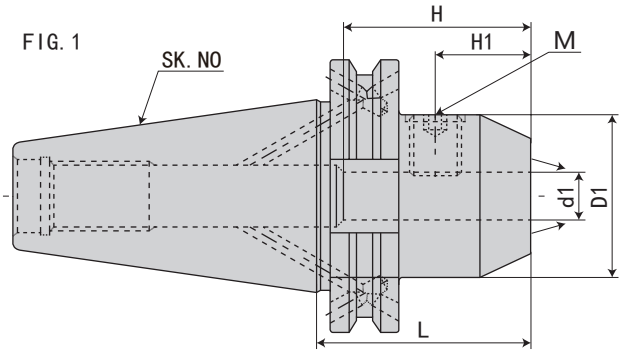
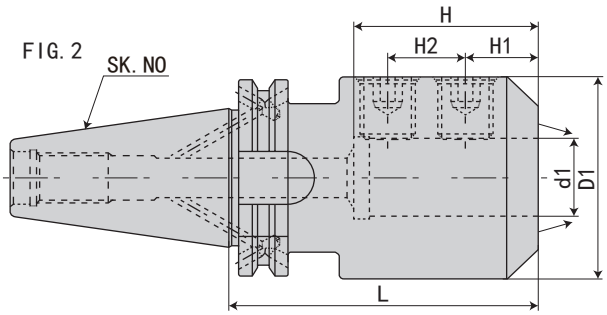


FIG. 2



配 件 Accessories



» P.K20

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
- EMH8C- 50	8	28	50	35	18	1	M8*1.25P	0.89
-EMH10C- 50	10	35	50	35.5	20	1	M10*1.5P	0.95
-EMH12C- 50	12	42	50	36	22.5	1	M12*1.75P	1.03
-EMH14C- 50	14	44	50	36	22.5	1	M12*1.75P	1.26
-EMH16C- 63	16	48	63	46	24	1	M14	1.28
-EMH18C- 63	18	50	63	46	24	1	M14	1.35
-EMH20C- 63	20	52	63	48	25	1	M16*2.0P	1.4
-EMH25C-100	25	65	100	55	25	2	M18*2.5P	2.29
-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
- EMH8C- 63	8	28	63	35	18	1	M8*1.25P	2.7
-EMH10C- 63	10	35	63	35.5	20	1	M10*1.5P	2.9
-EMH12C- 63	12	42	63	36	22.5	1	M12*1.75P	2.9
-EMH14C- 63	14	44	63	36	22.5	1	M12*1.75P	3
-EMH16C- 63	16	48	63	46	24	1	M14	3
-EMH18C- 63	18	50	63	46	24	1	M14	3
-EMH20C- 63	20	52	63	48	25	1	M16*2.0P	3.05
-EMH25C- 80	25	65	80	55	25	2	M18*2.5P	3.73
-EMH32C-100	32	72	100	57	28	2	M20*2.5P	4.53
-EMH40C-120	40	90	120	68	32	2	M20*2.5P	4.8

规格说明:

SK40AD/B - EMH 6C - 50

- 50: L 长度 Length（L1）
- 6C: 接口大小 Collect model
- EMH: 功能代号 Holder type
- SK40AD/B: 锥柄形式 Taper size

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



FIG. 1

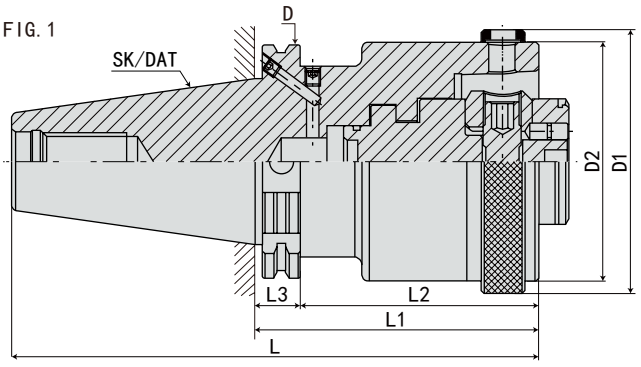
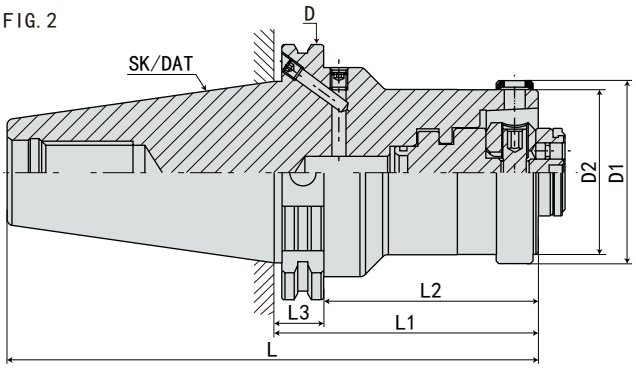




FIG. 2



规格	L	L1	L2	L3	D	D1	D2	FIG	重量
SK30- HSK32C- 55C-AF	102.8	55	36	19.1	50	37	32	2	0.7
- 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
- HSK40C- 60C-AF	128.4	60	41	19.1	63.55	45	40	2	1
- HSK50C- 65C-AF	133.4	65	46	19.1	63.55	55	50	2	1
- 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
- HSK40C- 60C-AF	161.75	60	41	19.1	97.5	45	40	2	2.8
- HSK50C- 65C-AF	166.75	65	46	19.1	97.5	55	50	2	2.9
- HSK63C- 75C-AF	176.75	75	56	19.1	97.5	70	63	2	3.1
- HSK80C- 85C-AF	186.75	85	66	19.1	97.5	87	80	2	4
-HSK100C-100C-AF	201.75	100	81	19.1	97.5	110	100	1	5

规格说明:

SK30 - HSK - 32C - 55 - C - AF

- AF：盲孔 Blind hole
- C：内置夹紧单元 Clamping cartridges
- 55：L1 长度 Length (L1)
- 32C：接口大小 Connection size
- 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

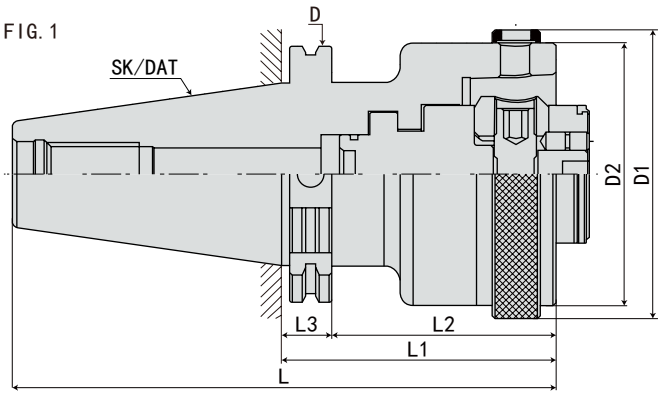
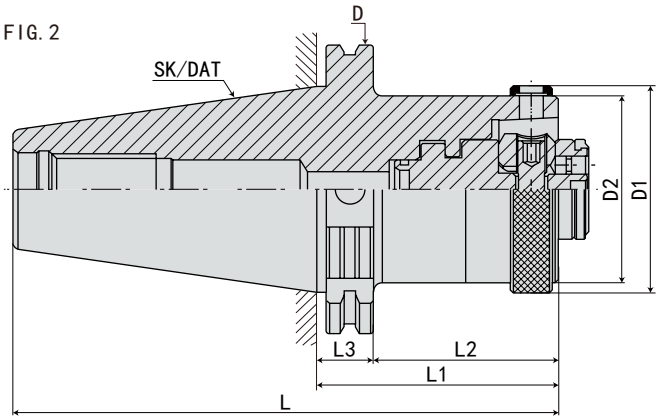




FIG. 2



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
- 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
- HSK40C-40C-AD	108.4	40	21	19.1	63.55	45	40	2	1
- HSK50C-60C-AD	128.4	60	41	19.1	63.55	55	50	2	1
- 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
- HSK40C-40C-AD	141.75	40	21	19.1	97.5	45	40	2	2.8
- HSK50C-40C-AD	141.75	40	21	19.1	97.5	55	50	2	2.9
- HSK63C-40C-AD	141.75	40	21	19.1	97.5	70	63	2	3.1
- HSK80C-80C-AD	181.75	80	61	19.1	97.5	87	80	2	4
-HSK100C-95C-AD	196.75	95	76	19.1	97.5	110	100	1	5

规格说明:

SK30 - HSK - 32C - 40 - C - AD

- AD 通孔 Through hole
- C 内置夹紧单元 Clamping cartridges
- 40 L1 长度 Length (L1)
- 32C 接口大小 Connection size
- HSK 功能代号 Holder type
- SK30 锥柄形式 Taper size

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



FIG. 1

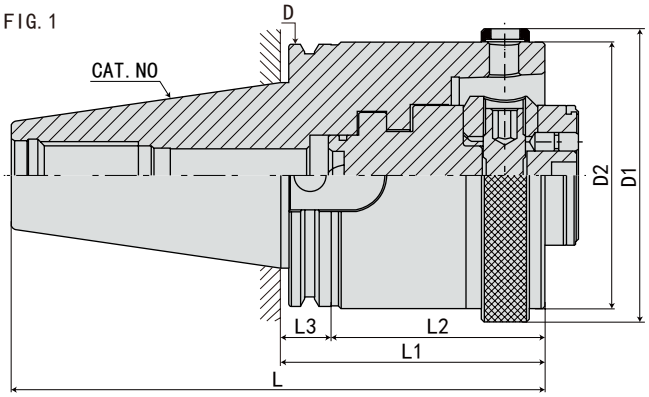
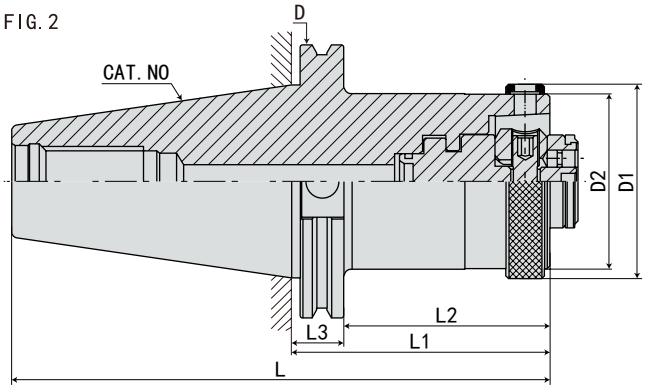


FIG. 2



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
- 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
- HSK40C-50C	118.2	50	34	15.9	63.5	45	40	2	1
- HSK50C-60C	128.2	60	44	15.9	63.5	55	50	2	1
- 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
- HSK40C-50C	151.6	50	34	15.9	98.4	45	40	2	2.8
- HSK50C-55C	156.6	55	39	15.9	98.4	55	50	2	2.9
- HSK63C-55C	156.6	55	39	15.9	98.4	70	63	2	3.1
- HSK80C-80C	181.6	80	64	15.9	98.4	87	80	2	4
-HSK100C-95C	196.6	95	79	15.9	98.4	110	100	1	5

规格说明:

CAT30 - HSK - 32C - 45 - C

- C：内置夹紧单元 Clamping cartridges
- 45：L1 长度 Length（L1）
- 32C：接口大小 Connection size
- HSK：功能代号 Holder type
- CAT30：锥柄形式 Taper size

·SK- 基础柄刀柄 SK SEMI-FINISHED TOOL HOLDER

FIG. 1

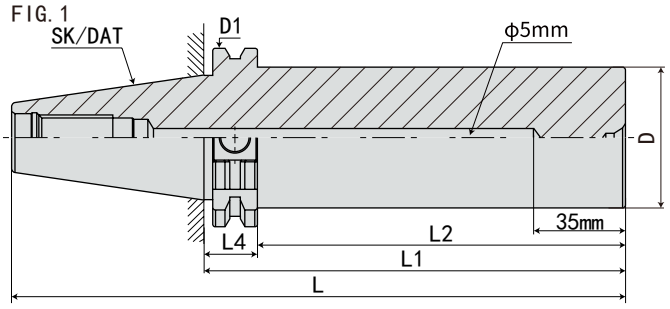
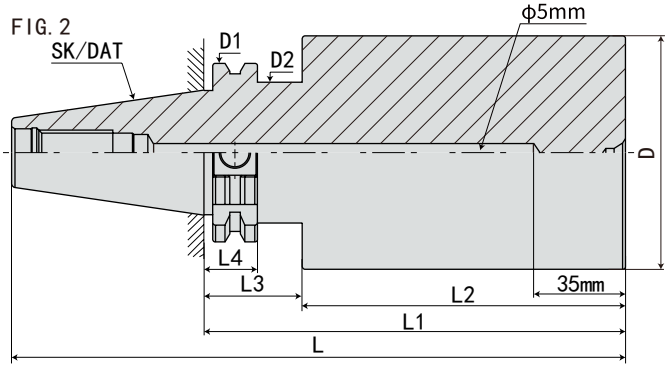


FIG. 2



- 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
SK40- D50-100	168.4	100	80.9	-	19.1	50	63.55	-	1	
-125	193.4	125	105.9	-	19.1	50	63.55	-	1	
-150	218.4	150	130.9	-	19.1	50	63.55	-	1	
-175	243.4	175	155.9	-	19.1	50	63.55	-	1	
-200	268.4	200	180.9	-	19.1	50	63.55	-	1	
-D63-100	168.4	100	65	35	19.1	63	63.55	50	2	
-125	193.4	125	90	35	19.1	63	63.55	50	2	
-150	218.4	150	115	35	19.1	63	63.55	50	2	
-175	243.4	175	140	35	19.1	63	63.55	50	2	
-200	268.4	200	165	35	19.1	63	63.55	50	2	
-225	293.4	225	190	35	19.1	63	63.55	50	2	
-D83-100	168.4	100	65	35	19.1	83	63.55	50	2	
-125	193.4	125	90	35	19.1	83	63.55	50	2	
-150	218.4	150	115	35	19.1	83	63.55	50	2	
-175	243.4	175	140	35	19.1	83	63.55	50	2	
-200	268.4	200	165	35	19.1	83	63.55	50	2	
-225	293.4	225	190	35	19.1	83	63.55	50	2	
-D102-100	168.4	100	65	35	19.1	102	63.55	50	2	
-125	193.4	125	90	35	19.1	102	63.55	50	2	
-150	218.4	150	115	35	19.1	102	63.55	50	2	
-175	243.4	175	140	35	19.1	102	63.55	50	2	
-200	268.4	200	165	35	19.1	102	63.55	50	2	
-225	293.4	225	190	35	19.1	102	63.55	50	2	

规格说明:

SK40 - D - 50 - 100

- L1 长度 Length（L1）
- 接口大小 Connection size
- 功能代号 Holder type
- 锥柄形式 Taper size

攻丝夹头系列

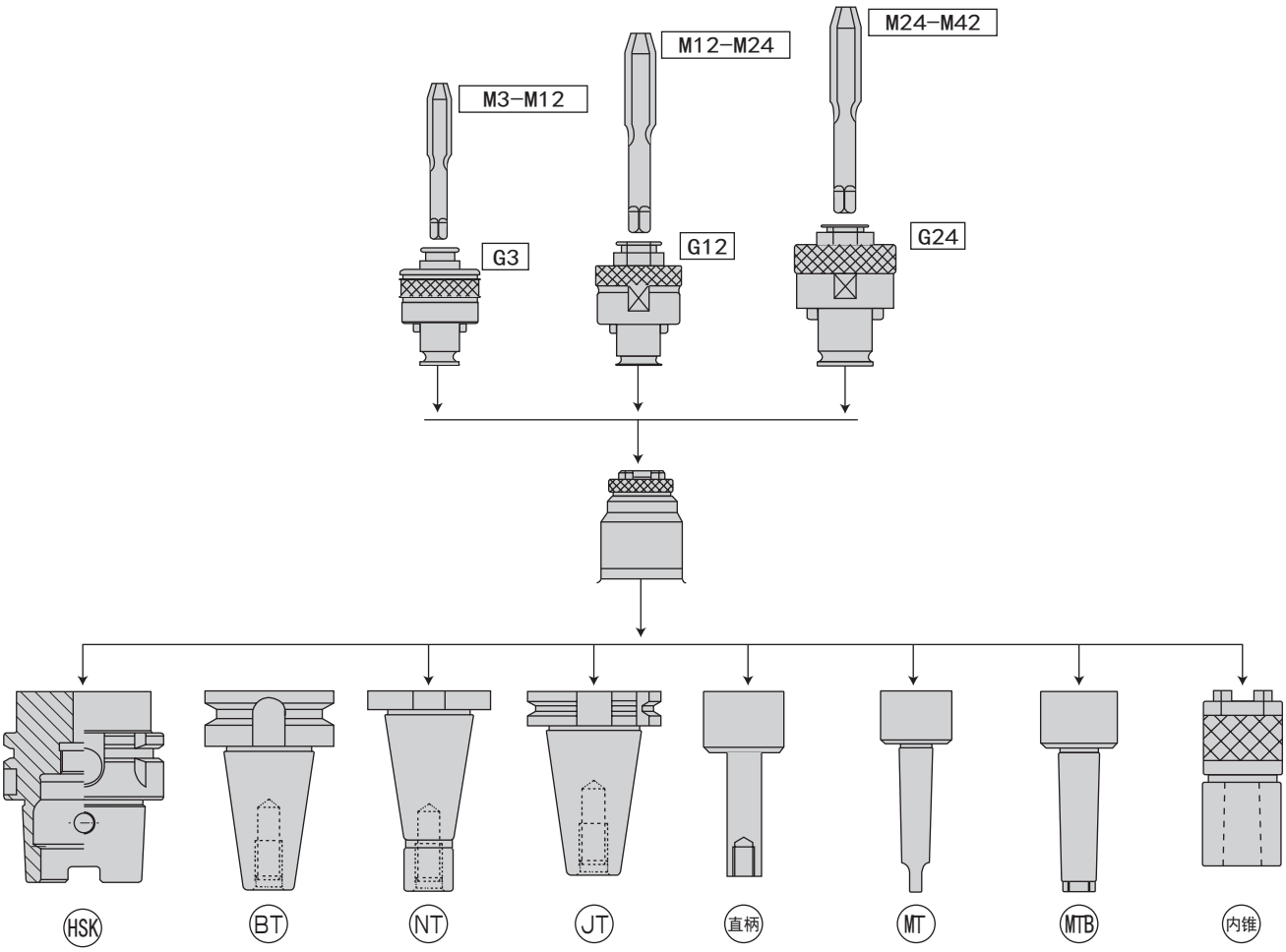
TAPPING CHUCK SERIES



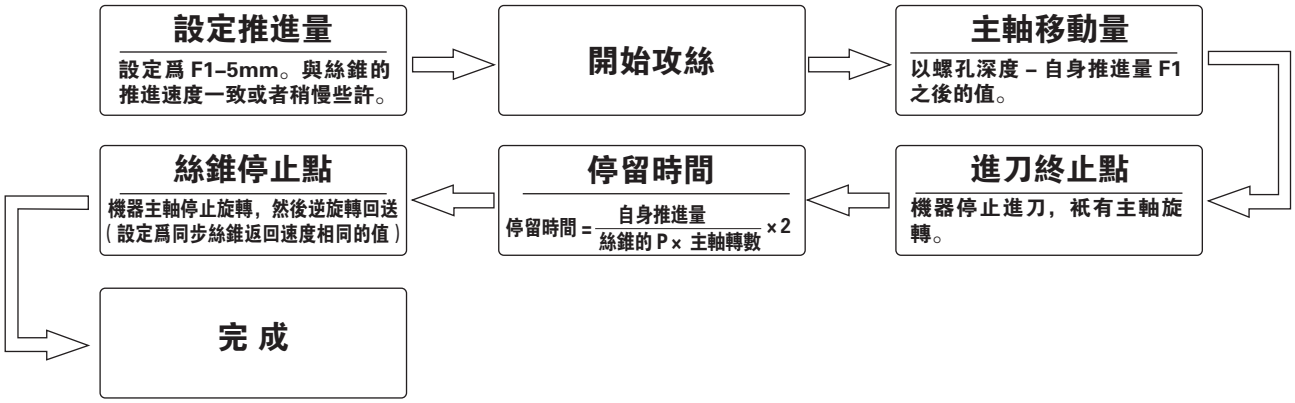
攻丝夹头系列

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



·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.

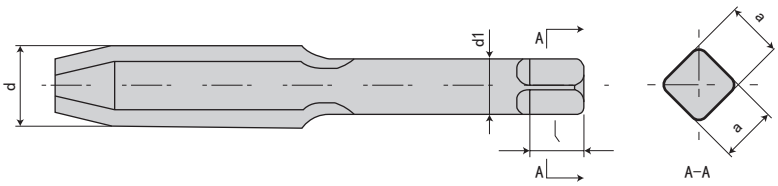
5、In case of artificial damage or after warranty period, The cost for evaluating and remanding should be charged.

·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

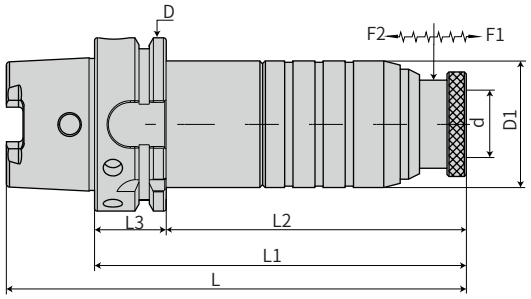
·丝锥标准形式 TAP SCREW BLANK SYSTEM

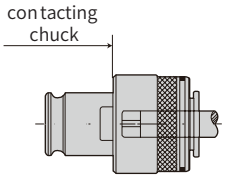


公制	美制	英制	JIS		ISO		DIN371		DIN376		英制工作
			直径	四角	直径	四角	直径	四角	直径	四角	直径 d1
			d1	axa	d1	axa	d1	axa	d1	axa	
M3		W1/8	4	3.2	3.15	2.5	3.5	2.7	2.2		3.18
M4/M4.5		W5/32	5	4	4	3.15	4.5	3.4	2.8	2.1	3.97
M5/M5.5		W3/16	5.5	4.5	5	4	6	4.9	3.5	2.7	4.76
M6	U1/4	W1/4	6	4.5	6.3	5	6	4.9	4.5	3.4	6.35
	U5/16	W5/16	6.1	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

·HSK-GT 扭力伸缩攻牙本体 TENSION AND COMPRESSION TAPER HOLDER/HSK-GT







配 件 Accessories



» P.H13-H15

型号 / 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 Collet name
									压缩 F2 Comp	伸长 F1 Tens	
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		夹头名称 Collet name
									压缩 F2 Comp	伸长 F1 Tens	
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		夹头名称 Collet name
									压缩 F2 Comp	伸长 F1 Tens	
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.

规格说明:

HSK63A - GT - 12 - 135

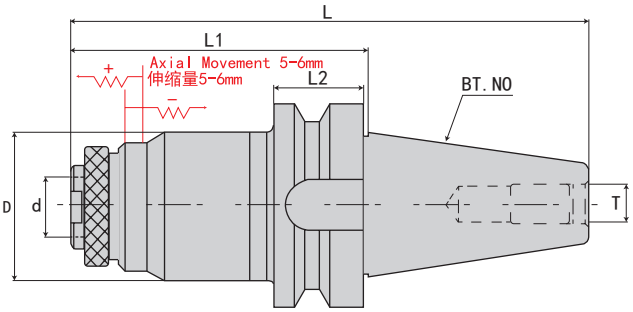
- 135 — L1 长度 Length（L1）
- 12 — 攻牙范围 Gripl range
- GT — 功能代号 Face mill holder type
- HSK63A — 锥柄形式 Shank size



·BT-GT 扭力伸缩攻牙本体

TENSION AND COMPRESSION TAPER HOLDER/BT-GT





配 件 Accessories


»P.H13-H15


» P.J19

型号 / 规格 Model	攻牙范围 Gripl range	D	d	L	L1	L2	T	夹头名称 Collet name
BT30-GT12-120	M3-M16	46	19	168	120	20	M12	GT12
BT40-GT12-110	M3-M16	46	19	175	110	25	M16	GT12
BT50-GT12-120	M3-M16	46	19	222	120	35	M24	GT12
型号 / 规格 Model	攻牙范围 Gripl range	D	d	L	L1	L2	T	夹头名称 Collet name
BT30-GT24-120	M5-M30	66	30	168	120	20	M12	GT24
BT40-GT24-130	M5-M30	66	30	195	130	25	M16	GT24
BT50-GT24-130	M5-M30	66	30	232	130	35	M24	GT24
型号 / 规格 Model	攻牙范围 Gripl range	D	d	L	L1	L2	T	夹头名称 Collet name
BT50-GT42-190	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.

规格说明:

BT30 - GT - 12 - 120

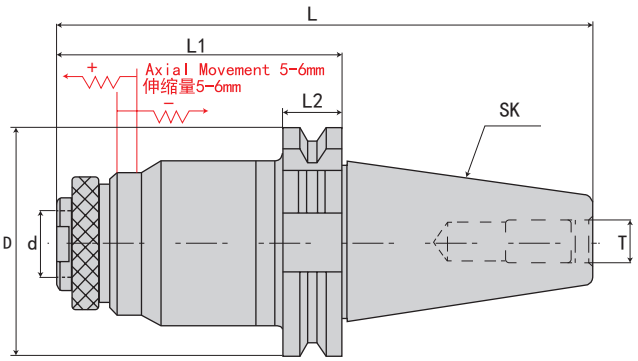
- 120 — L1 长度 Length（L1）
- 12 — 攻牙范围 Gripl range
- GT — 功能代号 Face mill holder type
- BT30 — 锥柄形式 Shank size



·SK/DAT-GT 扭力伸缩攻牙本体

TENSION AND COMPRESSION TAPER HOLDER/SK/DAT-GT





配 件 Accessories	
	
» P.H13-H15	» P.J20

型号 / 规格 Model	攻牙范围 Gripl range	D	d	L	L1	L2	T	夹头名称 Collet name
SK30-GT12-120	M3-M16	46	19	168	120	16	M12	GT12
SK40-GT12-110	M3-M16	46	19	175	110	16	M16	GT12
SK50-GT12-120	M3-M16	46	19	222	120	16	M24	GT12
型号 / 规格 Mode	攻牙范围 Gripl range	D	d	L	L1	L2	T	夹头名称 Collet name
SK30-GT24-120	M5-M30	66	30	168	120	16	M12	GT24
SK40-GT24-130	M5-M30	66	30	195	130	16	M16	GT24
SK50-GT24-130	M5-M30	66	30	232	130	16	M24	GT24
型号 / 规格 Mode	攻牙范围 Gripl range	D	d	L	L1	L2	T	夹头名称 Collet name
SK50-GT42-190	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

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.

规格说明:

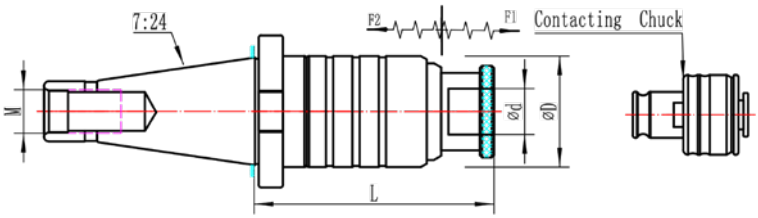
SK30 - GT - 12 - 120

- SK30 锥柄形式 Shank size
- GT 功能代号 Face mill holder type
- 12 攻牙范围 Gripl range
- 120 L1 长度 Length（L1）



·NT-GT 扭力伸缩攻牙本体 TENSION AND COMPRESSION TAPER HOLDER/NT-GT





配 件 Accessories



» P.H13-H15

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

规格说明:

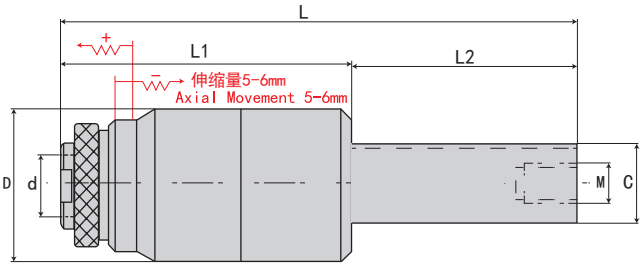
NT30 - GT - 12 - 105

- 105 — L 长度 Length（L）
- 12 — 攻牙范围 Gripl range
- GT — 功能代号 Face mill holder type
- NT30 — 锥柄形式 Shank size

·C-GT 直柄扭力伸缩攻牙刀柄

TENSION AND COMPRESSION TAPER HOLDER/STRAIGHT SHANK





配 件 Accessories



» P.H13-H15

型号 / 规格 Model	攻牙范围 Gripl range	D	d	L	L1	L2	M	夹头名称 Collet name
C16-GT12-110	M3-M16	46	19	160/210	110	50/100	M12*1.75P	GT12
C20-GT12-110	M3-M16	46	19	160/210	110	50/100	M12*1.75P	GT12
C25-GT12-110	M3-M16	46	19	160/210	110	50/100	M12*1.75P	GT12
C32-GT12-110	M3-M16	46	19	210/260	110	100/150	M12*1.75P	GT12
型号 / 规格 Model	攻牙范围 Gripl range	D	d	L	L1	L2	M	夹头名称 Collet name
C20-GT24-120	M5-M30	66	30	170/220	120	50/100	M12*1.75P	GT24
C25-GT24-120	M5-M30	66	30	170/220	120	50/100	M12*1.75P	GT24
C32-GT24-120	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

规格说明:

C16 - GT - 12 - 110

- 110 → L1 长度 Length（L1）
- 12 → 攻牙范围 Gripl range
- GT → 功能代号 Face mill holder type
- C16 → 锥柄形式 Shank size

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.

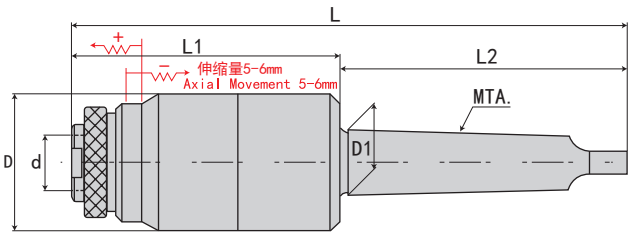
◎ Tapping range: M3-M30.



·MTA-GT 扭力伸缩攻牙本体

TENSION AND COMPRESSION TAPER HOLDER/MTA-GT





配 件 Accessories



» P.H13-H15

型号 / 规格 Model	攻牙范围 Gripl range	D	D1	d	L	L1	L2	夹头名称 Collet name
MTA2-GT12-110	M3-M16	46	17.780	19	194	110	84	GT12
MTA3-GT12-110	M3-M16	46	23.825	19	209	110	99	GT12
MTA4-GT12-110	M3-M16	46	31.267	19	234	110	124	GT12
MTA5-GT12-110	M3-M16	46	44.399	19	266	110	156	GT12
型号 / 规格 Model	攻牙范围 Gripl range	D	D1	d	L	L1	L2	夹头名称 Collet name
MTA2-GT24-120	M5-M30	66	17.780	30	204	120	84	GT24
MTA3-GT24-120	M5-M30	66	23.825	30	219	120	99	GT24
MTA4-GT24-120	M5-M30	66	31.267	30	244	120	124	GT24
MTA5-GT24-120	M5-M30	66	44.399	30	276	120	156	GT24
型号 / 规格 Model	攻牙范围 Gripl range	D	D1	d	L	L1	L2	夹头名称 Collet name
MTA5-GT42-190	M24-M42	95	44.399	45	346	190	156	GT42
MTA6-GT42-190	M24-M42	95	63.348	45	408	190	218	GT42
公制 80-GT42-190	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

规格说明：

MTA2 - GT - 12 - 110

- 110：L1 长度 Length（L1）
- 12：攻牙范围 Gripl range
- GT：功能代号 Face mill holder type
- MTA2：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.

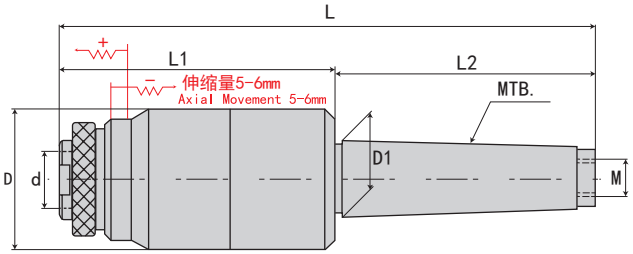
◎ Tapping range: M3-M42.



·MTB-GT 扭力伸缩攻牙本体

TENSION AND COMPRESSION TAPER HOLDER/MTB-GT





配 件 Accessories



» P.H13-H15

型号 / 规格 Model	攻牙范围 Gripl range	D	D1	d	L	L1	L2	M	夹头名称 Collet name
MTB2-GT12-110	M3-M16	46	17.780	19	178	110	68	M10*1.5P	GT12
MTB3-GT12-110	M3-M16	46	23.825	19	195	110	85	M12/1.75P	GT12
MTB4-GT12-110	M3-M16	46	31.267	19	218	110	108	M16*2.0P	GT12
MTB5-GT12-110	M3-M16	46	44.399	19	246	110	136	M20*2.5P	GT12
型号 / 规格 Model	攻牙范围 Gripl range	D	D1	d	L	L1	L2	M	夹头名称 Collet name
MTB2-GT24-120	M5-M30	66	17.780	30	188	120	68	M10*1.5P	GT24
MTB3-GT24-120	M5-M30	66	23.825	30	205	120	85	M12/1.75P	GT24
MTB4-GT24-120	M5-M30	66	31.267	30	228	120	108	M16*2.0P	GT24
MTB5-GT24-120	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

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.

规格说明:

MTB2 - GT - 12 - 110

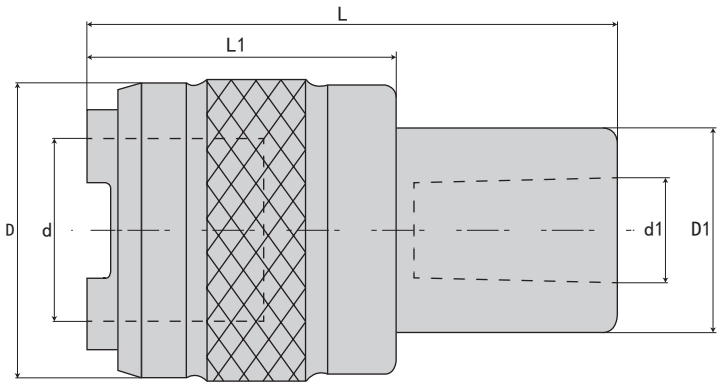
- 锥柄形式 Shank size
- 功能代号 Face mill holder type
- 攻牙范围 Gripl range
- L1 长度 Length（L1）



·GT- 内锥扭力攻牙本体

TENSION AND COMPRESSION TAPER CHUCK GT





配 件 Accessories



» P.H13-H15

型号 / 规格 Model	攻牙范围 Gripl 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 Gripl 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 Gripl 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

规格说明:

B12 - GT - 12

- 12 攻牙范围 Gripl range
- GT 功能代号 Face mill holder type
- B12 锥柄形式 Shank size

Features:

◎ Torque overload protection protects screw blank from fracture.

◎ Have floating, quick change and torque protection functions.

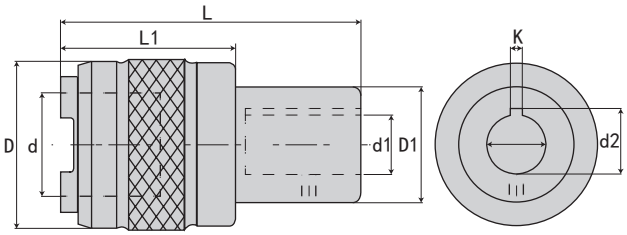
◎ Used on drill machines, tapping machines, borers, lathes and so on for tapping.

◎ Tapping range: M3-M42.

·GT- 直孔键槽伸缩扭力攻丝刀柄

TENSION AND COMPRESSION TAPER HOLDER GT





配 件 Accessories



» P.H13-H15

型号 / 规格 Model	攻牙范围 Gripl 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 Gripl 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 Gripl 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.

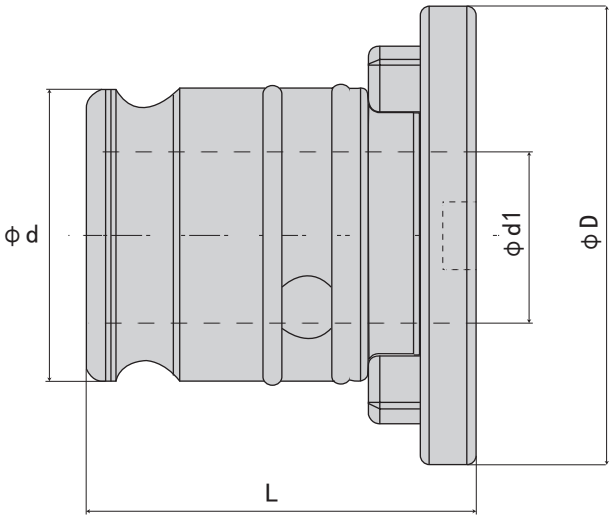
◎ Used on drill machines, tapping machines, borers, lathes and so on for tapping.

◎ 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

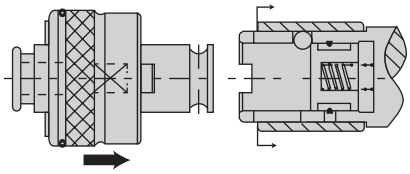
GT24



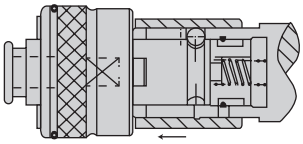
GT42

攻牙本体与攻丝筒夹连接操作方法

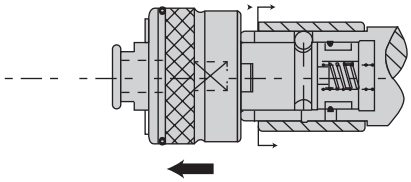
QUICK CHANGE PROTECT TAP COLLET-G SYSTEM



准备套上
Read to connect



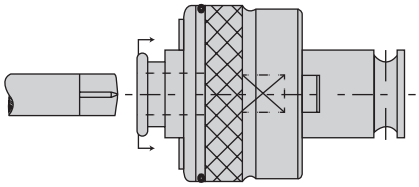
套上
Connected



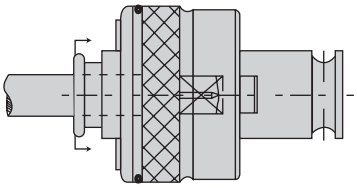
分离
Separation

攻牙筒夹与刀具连接操作方法

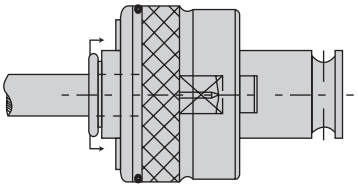
SCREW TAP AND COLLET CONNECTING



准备套上
Read to connect



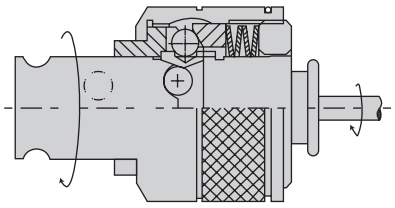
套上
Connected



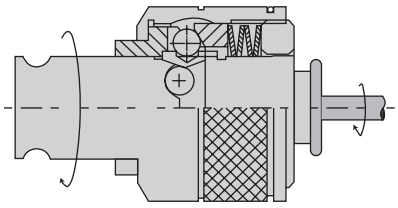
分离
Separation

可调整安全固定钮操作方法

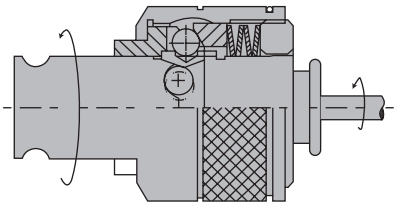
SAFETY FIXED BOTTOM AD JUSTING



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。

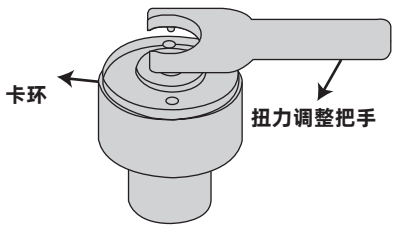


图 1

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。

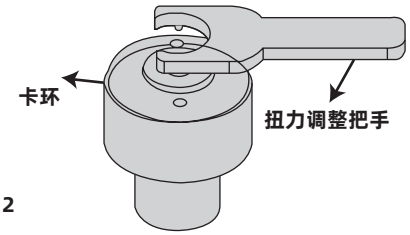
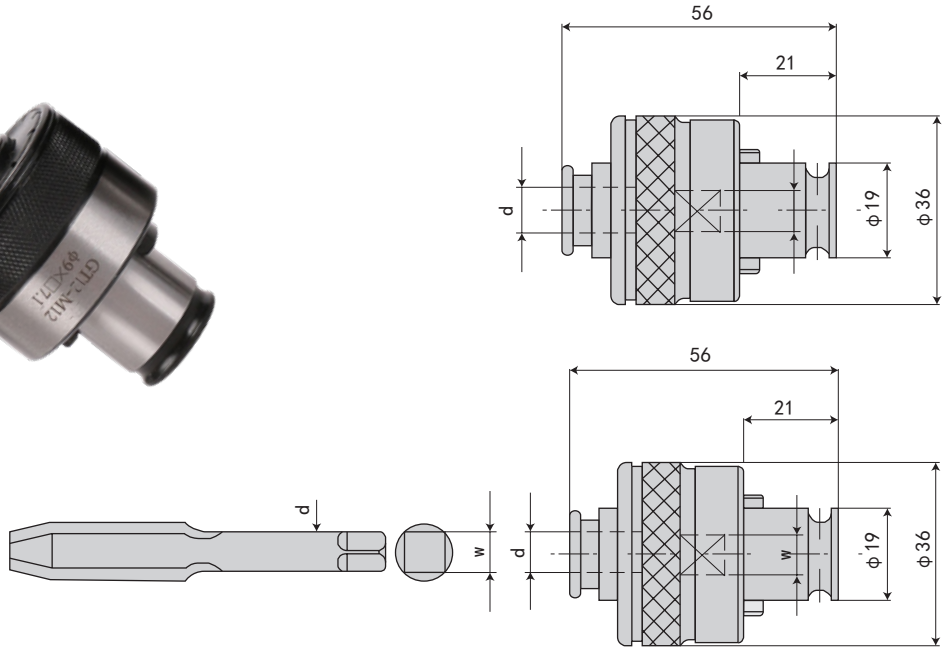


图 2

·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。

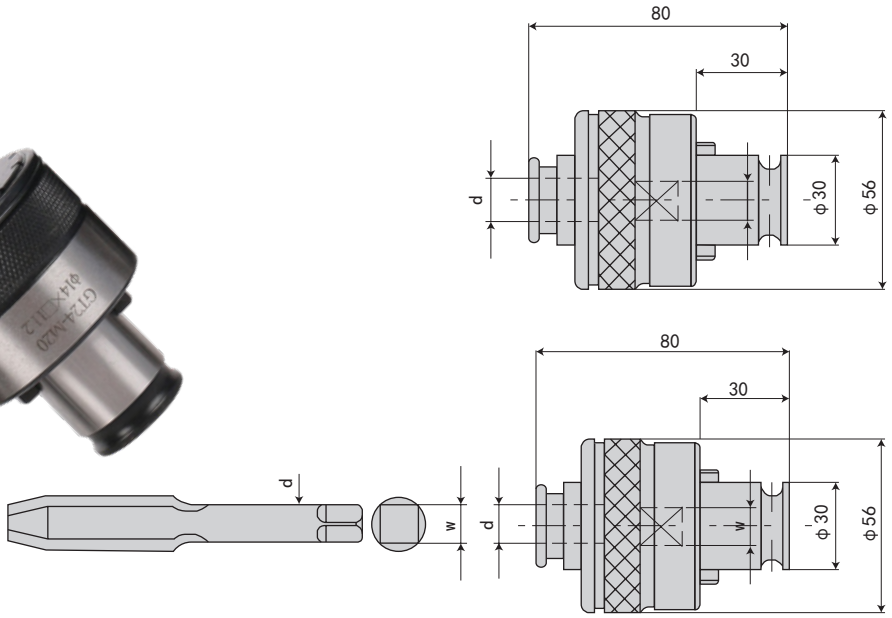
Features:

◎ 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。

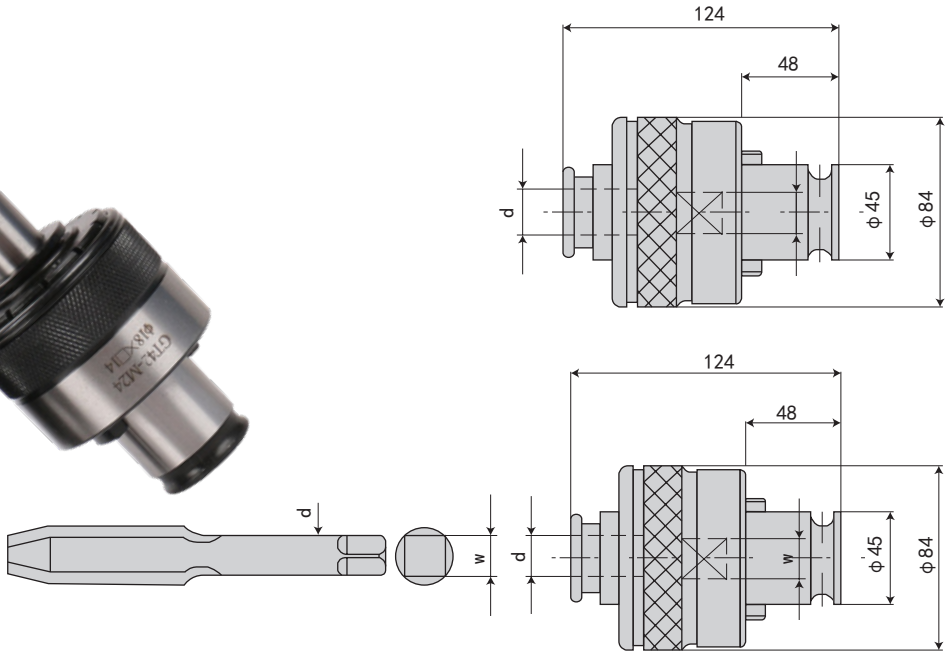
◎目前已与众多攻牙机厂配套使用。

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.

·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。

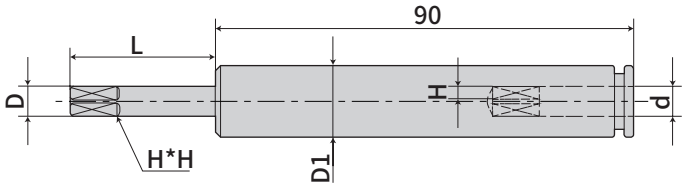
◎目前已与众多攻牙机厂配套使用。

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



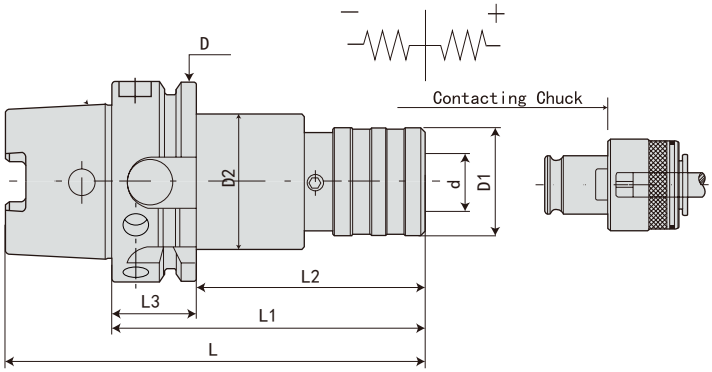


夹持丝锥 (ISO 国标)	D1	D	d	H	L
M3	12	3.15	3.15	2.5	90
M4	12	4	4	3.15	90
M5	14	5	5	4	90
M6/8	15	6.3	6.3	5	90
M10	17	8	8	6.3	90
M12	18	9	9	7.1	90
JIS 日标 / 规格	D1	D	d	H	L
M3	12	4	4	3.2	90
M4	15	5	5	4	90
M5	15	5.5	5.5	4.5	90
M6	15	6	6	4.5	90
M8	I5	6.2	6.2	5	90
M10	15	7	7	5.5	90
M12	18	8.5	8.5	6.5	90
DIN371 德标 / 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

·HSK-WF 伸缩扭力攻丝刀柄

HSK-WF TAPPING CHUCK WITH LENGTH COMPENSATION





配 件 Accessories



» P.H25-H27

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		夹头名称 Colllet name	重量 KGS
											压缩 F2 Comp	伸长 F1 Tens		
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	

规格说明:

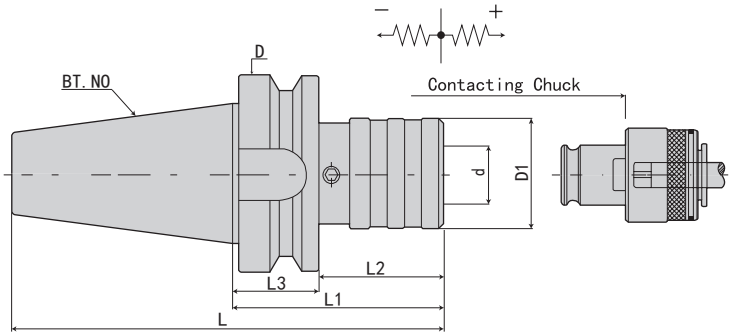
HSK32A - WF - 12 - 80

- 80 — L1 长度 Length (L1)
- 12 — 攻牙范围 Collect model
- WF — 功能代号 Holder type
- HSK32A — 锥柄形式 Taper size

·BT-WF 伸缩扭力攻丝刀柄

BT-WF TAPPING CHUCK WITH LENGTH COMPENSATION





配 件 Accessories



» P.H25-H27



» P.K19

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	

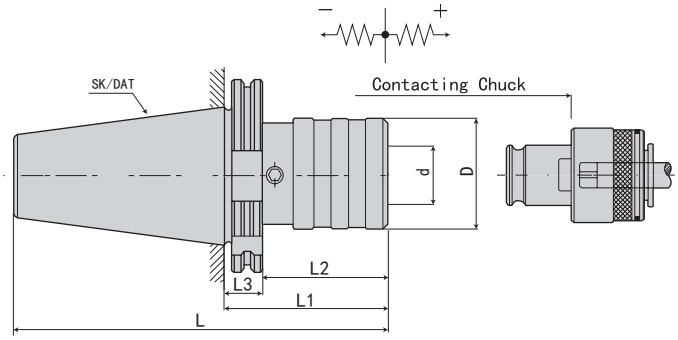
规格说明:

BT30 - WF - 12 - 71

- 71 — L1 长度 Length（L1）
- 12 — 攻丝范围 Tapping range
- WF — 功能代号 Holder type
- BT30 — 锥柄形式 Taper size

·SK-WF 伸缩扭力攻丝刀柄 SK-WF TAPPING CHUCK WITH LENGTH COMPENSATION





配 件 Accessories


» P.H25-H27

» P.K20

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	

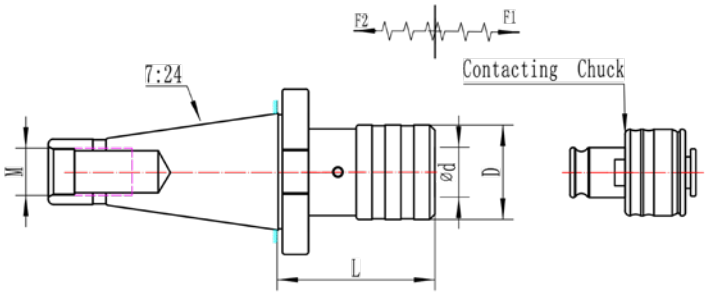
规格说明:

SK30 - WF - 12 - 67

- 67 — L1 长度 Length（L1）
- 12 — 攻丝范围 Tapping range
- WF — 功能代号 Holder type
- SK30 — 锥柄形式 Taper size

·NT-WF 伸缩扭力攻丝刀柄 NT-WF TAPPING CHUCK WITH LENGTH COMPENSATION





配 件 Accessories



» P.H25-H27

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	

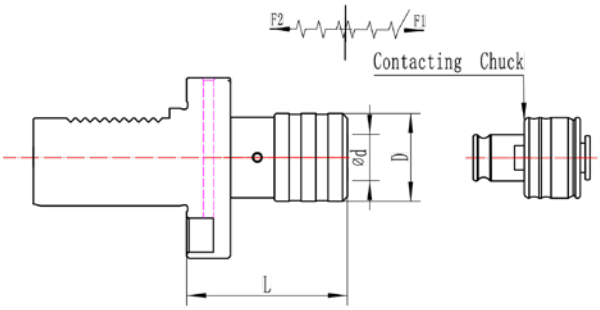
规格说明:

NT30 - WF - 12 - 59

- 59 — L 长度 Length（L）
- 12 — 攻丝范围 Tapping range
- WF — 功能代号 Holder type
- NT30 — 锥柄形式 Taper size

·VDI-WF 伸缩扭力攻丝刀柄 VDI-WF TAPPING CHUCK WITH LENGTH COMPENSATION





配 件 Accessories



» P.H25-H27

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

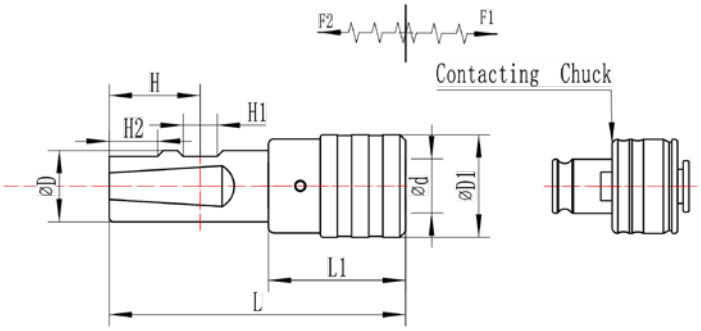
规格说明:

VDI30 - WF - 12 - 71

- 71 — L 长度 Length（L）
- 12 — 攻丝范围 Tapping range
- WF — 功能代号 Holder type
- VDI30 — 锥柄形式 Taper size

·ST-WF 伸缩扭力攻丝刀柄 ST-WF TAPPING CHUCK WITH LENGTH COMPENSATION





配 件 Accessories



» P.H25-H27

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	

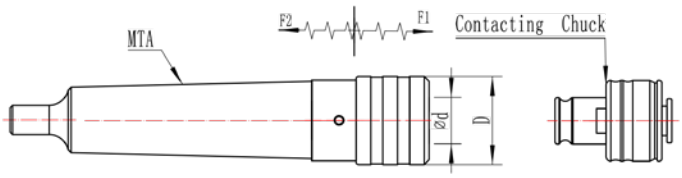
规格说明:

ST20 - WF - 12 - 50

- 50 — L 长度 Length（L）
- 12 — 攻丝范围 Tapping range
- WF — 功能代号 Holder type
- ST20 — 锥柄形式 Taper size

·MTA-WF 伸缩扭力攻丝刀柄 MTA-WF TAPPING CHUCK WITH LENGTH COMPENSATION





配 件 Accessories



» P.H25-H27

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	

规格说明:

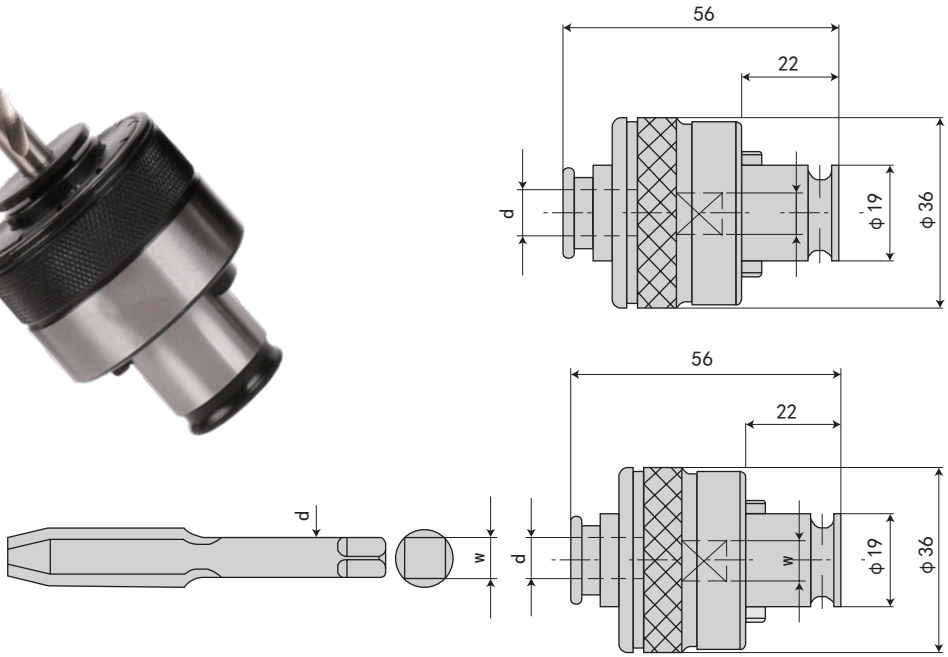
MTA2 - WF - 12 - 49

- 49 — L 长度 Length（L）
- 12 — 攻丝范围 Tapping range
- WF — 功能代号 Holder type
- MTA2 — 锥柄形式 Taper 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。

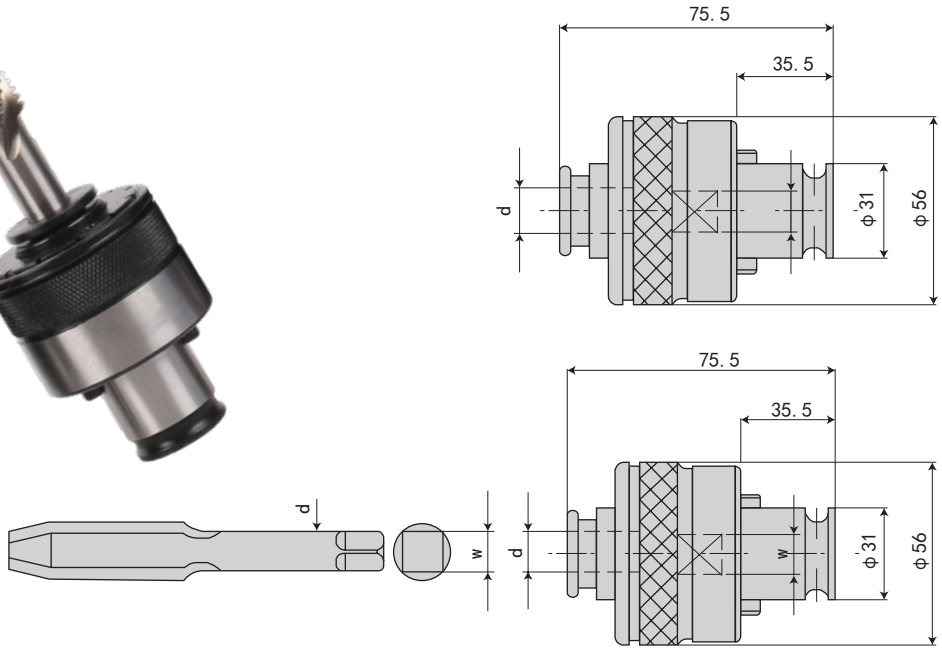
◎目前已与众多攻牙机厂配套使用。

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.

· 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。

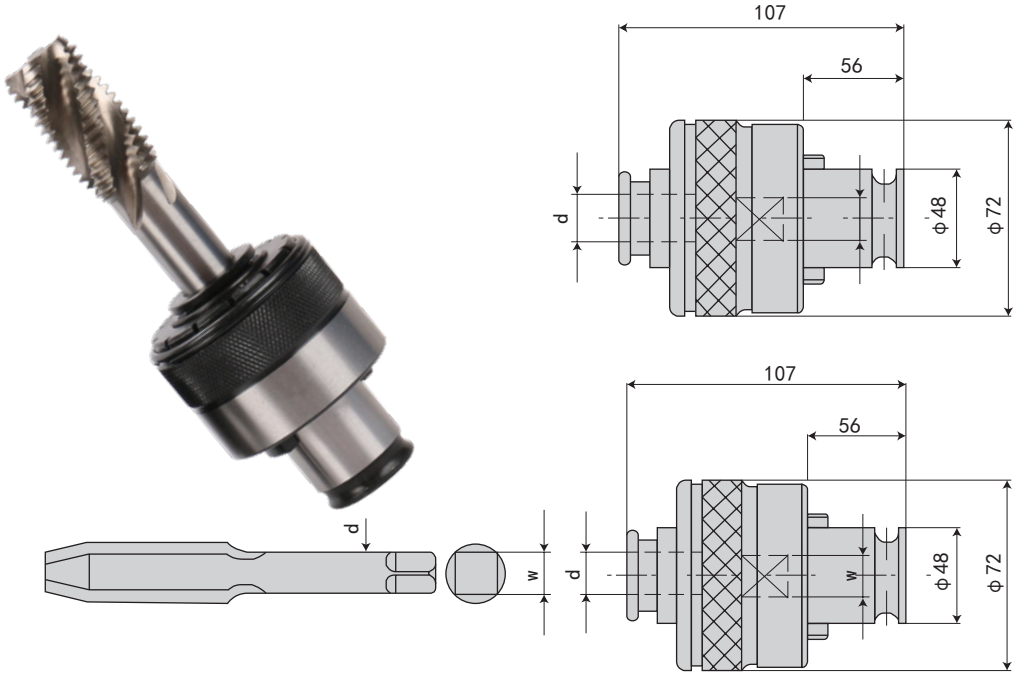
◎适用于各种攻牙机器和电动攻牙机、气动攻牙机。

◎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.

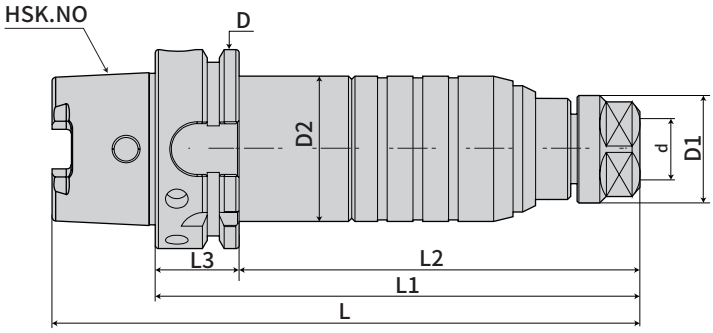
·HSK-TER-A 刚性伸缩攻牙刀柄 RIGID TENSION AND COMPRESSION TAPER HOLDER/TER-A



配 件 Accessories



» P.H44-H47



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.

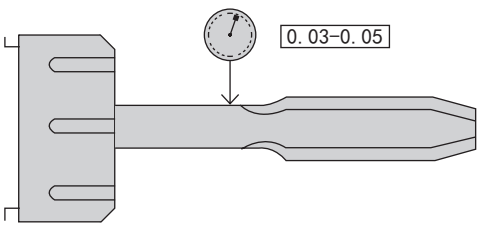
◎ Can be replaced by ER /ERG collet for gripping cutting tool,Drill bit, and draw bolt and so on.

◎ Don't lock excessively of the clamping nut in case of damage, Wrench not included.

规格说明:

HSK50A - TER - 16 - 110

- HSK50A：锥柄形式 Taper size
- TER：微伸缩 Micro tension and compression
- 16：筒夹型号 Collect type
- 110：L1 长度 Length（L1）



·BT-TER-A 刚性伸缩攻牙刀柄 RIGID TENSION AND COMPRESSION TAPER HOLDER/TER-A

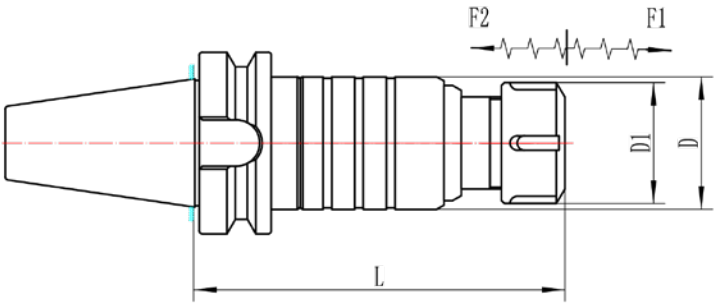


配 件 Accessories



» P.H44-H47

» P.K19



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	

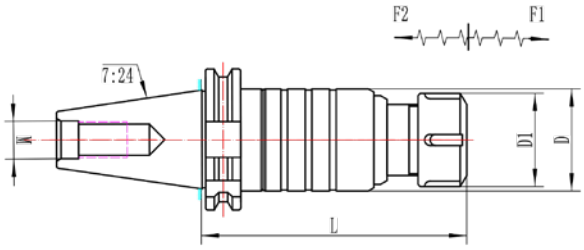
规格说明:

BT30 - TER - 16 - 140

- 140 L 长度 Length（L）
- 16 筒夹型号 Collect type
- TER 刚性攻牙 Rigid tapping
- BT30 锥柄形式 Taper size

· SK-TER-A 刚性伸缩攻牙刀柄 RIGID TENSION AND COMPRESSION TAPER HOLDER/TER-A





配 件 Accessories



» P.H44-H47

» P.K20

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	

规格说明:

SK30 - TER - 16 - 135

- 135 L 长度 Length（L）
- 16 筒夹型号 Collect type
- TER 刚性攻牙 Rigid tapping
- SK30 锥柄形式 Taper size

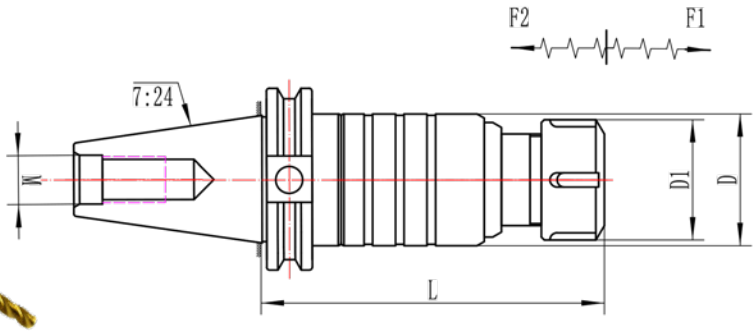
·CAT-TER-A 刚性伸缩攻牙刀柄 RIGID TENSION AND COMPRESSION TAPER HOLDER/TER-A



配 件 Accessories



» P.H44-H47



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	

规格说明:

CAT40 - TER - 16 - 115

- 115 — L 长度 Length（L）
- 16 — 筒夹型号 Collect type
- TER — 刚性攻牙 Rigid tapping
- CAT40 — 锥柄形式 Taper size

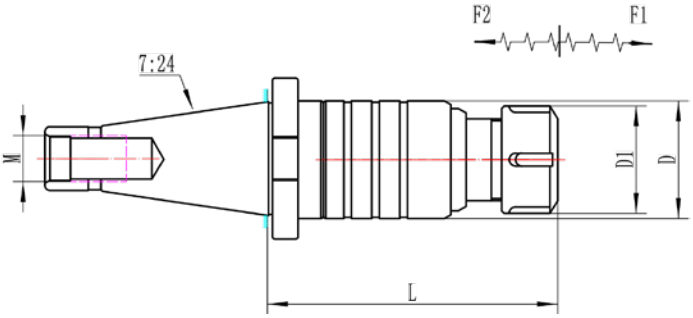
·NT-TER-A 刚性伸缩攻牙刀柄 RIGID TENSION AND COMPRESSION TAPER HOLDER/TER-A



配 件 Accessories



» P.H44-H47



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	

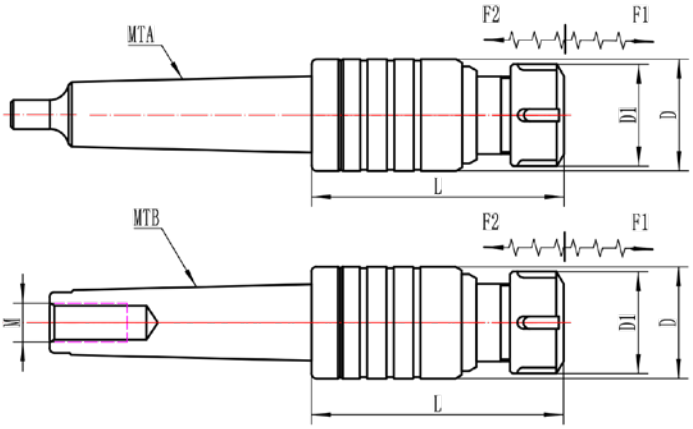
规格说明:

NT30 - TER - 16 - 130

- 130 L 长度 Length（L）
- 16 筒夹型号 Collect type
- TER 刚性攻牙 Rigid tapping
- NT30 锥柄形式 Taper size

· MT-TER-A 刚性伸缩攻牙刀柄 RIGID TENSION AND COMPRESSION TAPER HOLDER/TER-A





配 件 Accessories



» P.H44-H47

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	

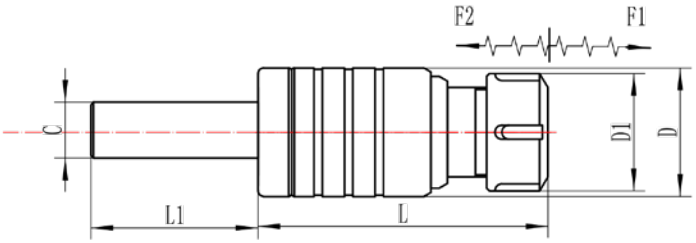
规格说明:

MT2 - TER - 16 - 125

- 125 — L 长度 Length（L）
- 16 — 筒夹型号 Collect type
- TER — 刚性攻牙 Rigid tapping
- MT2 — 锥柄形式 Taper size

· C-TER-A 刚性伸缩攻牙刀柄 RIGID TENSION AND COMPRESSION TAPER HOLDER/TER-A





配 件 Accessories



» P.H44-H47

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

规格说明:

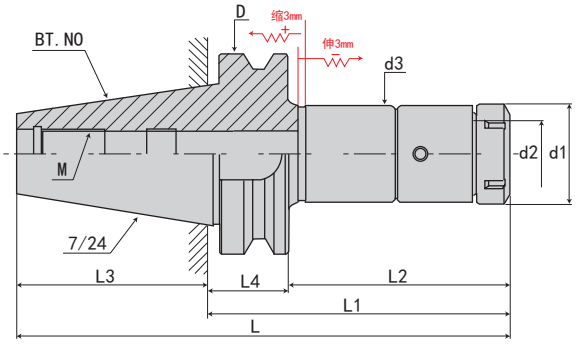
C16 - TER - 16 - 125

- 125 — L 长度 Length（L）
- 16 — 筒夹型号 Collect type
- TER — 刚性攻牙 Rigid tapping
- C16 — 锥柄形式 Taper size

·BT-TER-B 刚性伸缩攻牙刀柄

RIGID TENSION AND COMPRESSION TAPER HOLDER/TER-B





配 件 Accessories


» P.K27


» P.K07


» P.K29


» P.K19

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-100	BT30	148.4	100	73	48.4	27	28	16	TER16	M2-M12	46	M12*1.75P
BT30-TER20-B-100		148.4	100	73			34	20	TER20	M2-M16		
BT30-TER25-B-100		148.4	100	73			42	25	TER25	M2-M22		
BT30-TER32-B-100		148.4	100	73			50	32	TER32	M2-M30		
BT30-TER40-B-100		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-100	BT40	165.4	100	73	65.4	27	28	16	TER16	M2-M12	63	M16*2.0P
BT40-TER20-B-100		165.4	100	73			34	20	TER20	M2-M16		
BT40-TER25-B-100		165.4	100	73			42	25	TER25	M2-M22		
BT40-TER32-B-100		165.4	100	73			50	32	TER32	M2-M30		
BT40-TER40-B-120		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-110	BT50	211.8	110	72	101.8	38	28	16	TER16	M2-M12	100	M24*3.0P
BT50-TER20-B-110		211.8	110	72			34	20	TER20	M2-M16		
BT50-TER25-B-110		211.8	110	72			42	25	TER25	M2-M22		
BT50-TER32-B-130		222.8	130	92			50	32	TER32	M2-M30		
BT50-TER40-B-140		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.

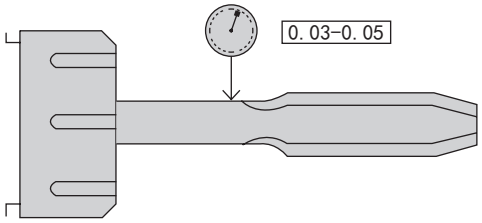
◎ Can be replaced by ER collet for gripping cutting tool,Drill bit, and draw bolt and so on.

◎ Don't lock excessively of the clamping nut in case of damage, Wrench not included.

规格说明:

BT30 - TER - 16 - 100

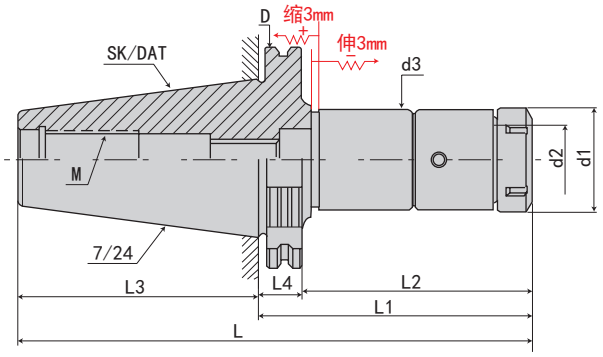
- 100 — L1 长度 Length（L1）
- 16 — TER16 规格 TER16 Model
- TER — 刚性攻牙 Rigid tapping
- BT30 — 锥柄形式 Taper size



·SK/DAT-TER-B 刚性伸缩攻牙刀柄

RIGID TENSION AND COMPRESSION TAPER HOLDER/TER-B





配 件 Accessories			
 » P.K27	 » P.K07	 » P.K29	 » P.K20

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-100	SK40	168.4	100	82	68.4	16	28	16	TER16	M2-M12	63.55	M16*2.0P
SK40-TER20-B-100		168.4	100	82			34	20	TER20	M2-M16		
SK40-TER25-B-100		168.4	100	82			42	25	TER25	M2-M22		
SK40-TER32-B-100		168.4	100	82			50	32	TER32	M2-M30		
SK40-TER40-B-120		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-110	SK50	211.7	110	91	101.75	16	28	16	TER16	M2-M12	97.5	M24*3.0P
SK50-TER20-B-110		211.7	110	91			34	20	TER20	M2-M16		
SK50-TER25-B-110		211.7	110	91			42	25	TER25	M2-M22		
SK50-TER32-B-130		231.7	130	101			50	32	TER32	M2-M30		
SK50-TER40-B-140		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.

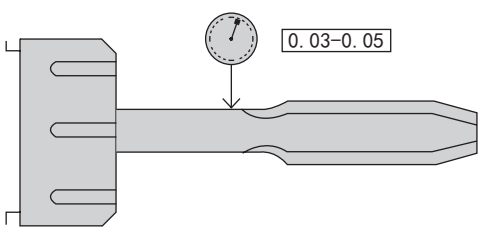
◎ Can be replaced by ER collet for gripping cutting tool, Drill bit, and draw bolt and so on.

◎ Don't lock excessively of the clamping nut in case of damage, Wrench not included.

规格说明:

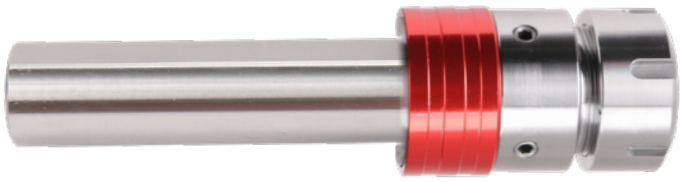
SK40 - TER - 16 - 100

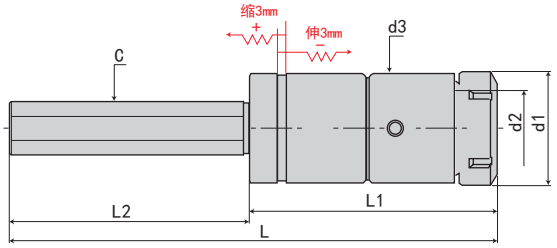
- 100 — L1 长度 Length（L1）
- 16 — TER16 规格 TER16 Model
- TER — 刚性攻牙 Rigid tapping
- SK40 — 锥柄形式 Taper size



·C-TER-B 直柄刚性伸缩攻牙刀柄

STRAIGHT SHANK RIGID TAPER HOLDER C-TER-B





规格 / 型号 Model	C	L	L1	L2	d1	d2	d3	使用筒夹	攻丝范围
C20-TER16-B-80	20	160	80	80	28	16	28	TER16	M2-M12
C20-TER20-B-80	20	160	80	80	34	20	34	TER20	M2-M16
C20-TER25-B-80	20	160	80	80	42	25	42	TER25	M2-M22
C20-TER32-B-100	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-80	25	160	80	80	28	16	28	TER16	M2-M12
C25-TER20-B-80	25	160	80	80	34	20	34	TER20	M2-M16
C25-TER25-B-80	25	160	80	80	42	25	42	TER25	M2-M22
C25-TER32-B-100	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-80	32	160	80	80	28	16	28	TER16	M2-M12
C32-TER20-B-80	32	160	80	80	34	20	34	TER20	M2-M16
C32-TER25-B-80	32	160	80	80	42	25	42	TER25	M2-M22
C32-TER32-B-100	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.

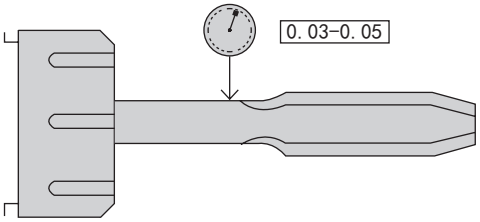
◎ Can be replaced by ER collet for gripping cutting tool, Drill bit, and draw bolt and so on.

◎ Don't lock excessively of the clamping nut in case of damage, Wrench not included.

规格说明:

C20 - TER - 16 - 80

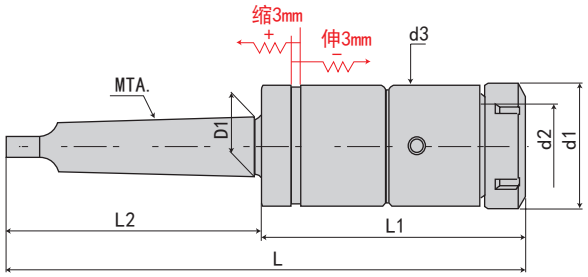
- 80 — L1 长度 Length（L1）
- 16 — TER16 规格 TER16 Model
- TER — 刚性攻牙 Rigid tapping
- C20 — 锥柄形式 Taper size



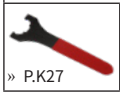
·MTA-TER-B 莫氏扁尾刚性伸缩攻牙刀柄

MORSE RIGID TENSION AND COMPRESSION TAPER HOLDER(MTA)





配 件 Accessories


» P.K27


» P.K07


» P.K29

规格 / 型号 Model	攻牙范围 Gripl range	d1	d2	d3	L	L1	L2	D1	筒夹名称 Collet name
MTA2-TER16-B-100	M2-M12	28	16	28	184	100	84	17.780	TER16
MTA2-TER20-B-100	M2-M16	34	20	34	184	100	84	17.780	TER20
MTA2-TER25-B-100	M2-M22	42	25	42	184	100	84	17.780	TER25
规格 / 型号 Model	攻牙范围 Gripl range	d1	d2	d3	L	L1	L2	D1	筒夹名称 Collet name
MTA3-TER16-B-100	M2-M12	28	16	28	199	100	99	23.825	TER16
MTA3-TER20-B-100	M2-M16	34	20	34	199	100	99	23.825	TER20
MTA3-TER25-B-100	M2-M22	42	25	42	199	100	99	23.825	TER25
MTA3-TER32-B-100	M2-M30	50	32	50	199	100	99	23.825	TER32
规格 / 型号 Model	攻牙范围 Gripl range	d1	d2	d3	L	L1	L2	D1	筒夹名称 Collet name
MTA4-TER16-B-100	M2-M12	28	16	28	224	100	124	31.267	TER16
MTA4-TER20-B-100	M2-M16	34	20	34	224	100	124	31.267	TER20
MTA4-TER25-B-100	M2-M22	42	25	42	224	100	124	31.267	TER25
MTA4-TER32-B-100	M2-M30	50	32	50	224	100	124	31.267	TER32
规格 / 型号 Model	攻牙范围 Gripl range	D	d	d3	L	L1	L2	D1	筒夹名称 Collet name
MTA5-TER32-B-100	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.

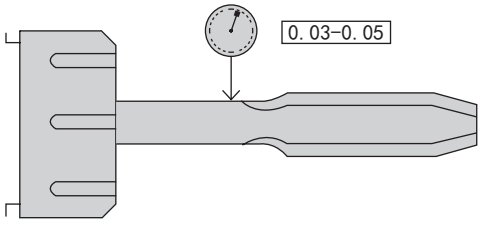
◎ Can be replaced by ER collet for gripping cutting tool, Drill bit, and draw bolt and so on.

◎ Don't lock excessively of the clamping nut in case of damage. Wrench not included.

规格说明:

MTA3 - TER - 16 - 100

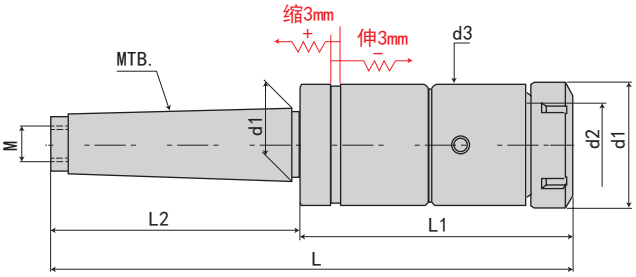
- 100 — L1 长度 Length（L1）
- 16 — TER16 规格 TER16 Model
- TER — 刚性攻牙 Rigid tapping
- MTA3 — 锥柄形式 Taper size



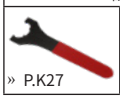
·MTB -TER-B 莫氏后拉式刚性伸缩攻牙刀柄

MORSE RIGID TENSION AND COMPRESSION TAPER HOLDER(MTB)





配 件 Accessories


» P.K27


» P.K07


» P.K29

规格 / 型号 Model	攻牙范围 Gripl range	d1	d2	d3	L	L1	L2	D1	M	筒夹名称 Collet name
MTB2-TER16-B-100	M2-M12	28	16	28	168	100	68	17.780	M10*1.5P	TER16
MTB2-TER20-B-100	M2-M16	34	20	34	168	100	68	17.780	M10*1.5P	TER20
MTB2-TER25-B-100	M2-M22	42	25	42	168	100	68	17.780	M10*1.5P	TER25
规格 / 型号 Model	攻牙范围 Gripl range	d1	d2	d3	L	L1	L2	D1	M	筒夹名称 Collet name
MTB3-TER16-B-100	M2-M12	28	16	28	185	100	85	23.825	M12*1.75P	TER16
MTB3-TER20-B-100	M2-M16	34	20	34	185	100	85	23.825	M12*1.75P	TER20
MTB3-TER25-B-100	M2-M22	42	25	42	185	100	85	23.825	M12*1.75P	TER25
MTB3-TER32-B-100	M2-M30	50	32	50	185	100	85	23.825	M12*1.75P	TER32
规格 / 型号 Model	攻牙范围 Gripl range	d1	d2	d3	L	L1	L2	D1	M	筒夹名称 Collet name
MTB4-TER16-B-100	M2-M12	28	16	28	208	100	108	31.267	M16*2.0P	TER16
MTB4-TER20-B-100	M2-M16	34	20	34	208	100	108	31.267	M16*2.0P	TER20
MTB4-TER25-B-100	M2-M22	42	25	42	208	100	108	31.267	M16*2.0P	TER25
MTB4-TER32-B-100	M2-M30	50	32	50	208	100	108	31.267	M16*2.0P	TER32
规格 / 型号 Model	攻牙范围 Gripl range	D	d	d3	L	L1	L2	D1	M	筒夹名称 Collet name
MTB5-TER32-100	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.

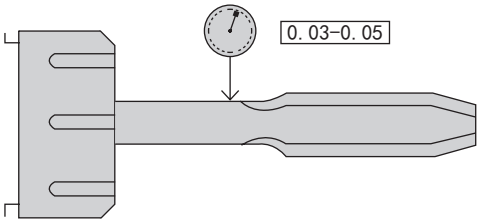
◎ Can be replaced by ER collet for gripping cutting tool, Drill bit, and draw bolt and so on.

◎ Don't lock excessively of the clamping nut in case of damage. Wrench not included.

规格说明:

MTB3 - TER - 16 - 100

- 100 — L1 长度 Length（L1）
- 16 — TER16 规格 TER16 Model
- TER — 刚性攻牙 Rigid tapping
- MTB3 — 锥柄形式 Taper size



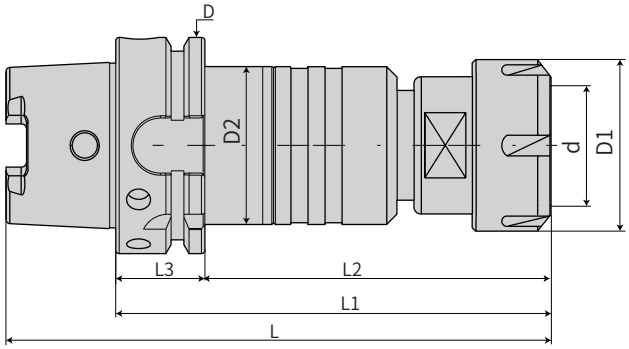
·HSK-VER 微伸缩攻丝刀柄 MICRO TENSION AND COMPRESSION TAPPING HOLDER/HSK



配 件 Accessories



» P.H44-H47



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.

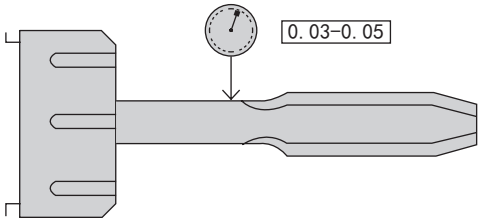
◎ Can be replaced by ER /ERG collet for gripping cutting tool,Drill bit, and draw bolt and so on.

◎ Don't lock excessively of the clamping nut in case of damage, Wrench not included.

规格说明:

HSK50A - VER - 16 - 110

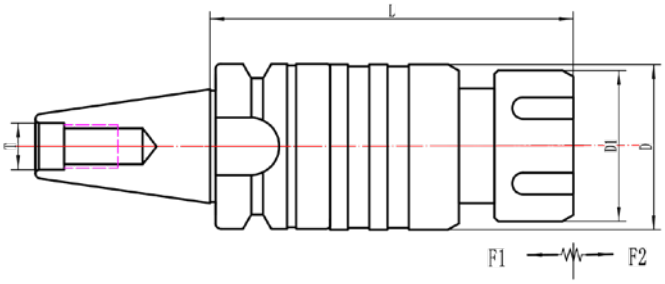
- 锥柄形式 Taper size
- 微伸缩 Micro tension and compression
- 筒夹型号 Collect type
- L1 长度 Length（L1）



·BT-VER 微伸缩攻丝刀柄

MICRO TENSION AND COMPRESSION TAPPING HOLDER/BT





配 件 Accessories



» P.H44-H47

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	

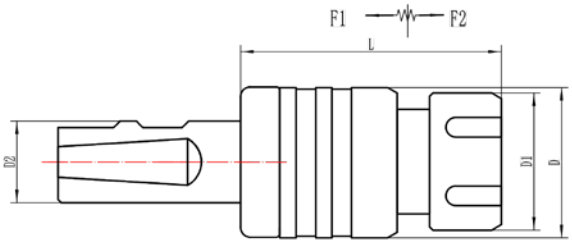
规格说明:

BT30 - VER - 16 - 100

- 100 — L 长度 Length（L）
- 16 — 筒夹型号 Collect type
- VER — 微伸缩 Micro tension and compression
- BT30 — 锥柄形式 Taper size

·SD-VER 微伸缩攻丝刀柄 (DIN1835-B+E) STRAIGHT SHANK MICRO TENSION AND COMPRESSION TAPPING HOLDER





配 件 Accessories



» P.H44-H47

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	

规格说明:

SD20 - VER - 16 - 80

- 80 — L 长度 Length（L）
- 16 — 筒夹型号 Collect type
- VER — 微伸缩 Micro tension and compression
- SD20 — 锥柄形式 Taper size

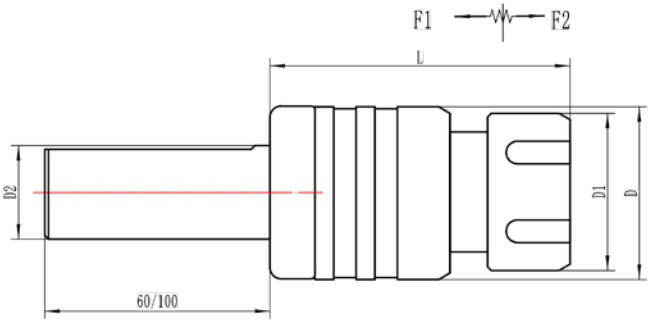
·C-VER 微伸缩攻丝刀柄 STRAIGHT SHANK MICRO TENSION AND COMPRESSION TAPPING HOLDER



配 件 Accessories



» P.H44-H47



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	

规格说明:

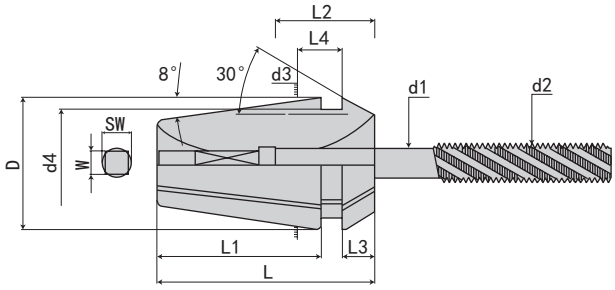
C20 - VER - 16 - 80

- 80 — L 长度 Length（L）
- 16 — 筒夹型号 Collect type
- VER — 微伸缩 Micro tension and compression
- C20 — 锥柄形式 Taper size

·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	SW	W □	通用标准 Standard d2				L2
				ISO	JIS	DIN371	DIN376	
ER16G-2.24	2.24	2	1.8	M3				15
ER16G-2.5	2.5	2.2	2.1				M3.5	
			2	M3.5				
ER16G-2.8	2.8	2.6	2.1				M4	
ER16G-3	3	2.8	2.5		M2			18
ER16G-3.15	3.15	2.9	2.5	M3/M4				
ER16G-3.5	3.5	3.3	2.7			M3	M5	
ER16G-3.55	3.55	3.3	2.8	M3.5/M4.5				
ER16G-4	4	3.8	3			M3.5		
			3.1		M3			
			3.15	M4/M5				
ER16G-4.5	4.5	4.3	3.4			M4	M6	
			3.55	M6				
ER16G-5	5	4.7	4	M5	M4/M4.5			
ER16G-5.5	5.5	4.37	4.3				M7	
			4.5		M5/M5.5			
ER16G-6	6	5.09	4.5		M6			
			4.9			M5/M6	M8	
ER16G-6.2	6.2	5.21	5		M7/M8			
ER16G-6.3	6.3	5.21	5	M6/M8				
ER16G-7	7	5.84	5.5		M9/M10	M7	M10	
ER16G-8	8	6.88	6		M11			22
			6.2			M8	M11	
			6.3	M8/M10				
ER16G-8.5	8.5	7.14	6.5		M12			
ER16G-9	9	7.95	7				M12	
			7.1	M12				
ER16G-10	10	9.16	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	SW	W □	通用标准 Standard d2				L2
				ISO	JIS	DIN371	DIN376	
ER20G-2.24	2.24	2	1.8	M3				15
ER20G-2.5	2.5	2.2	2.1				M3.5	
			2	M3.5				
ER20G-2.8	2.8	2.6	2.1				M4	
ER20G-3	3	2.8	2.5		M2			18
ER20G-3.15	3.15	2.9	2.5	M3/M4				
ER20G-3.5	3.5	3.3	2.7			M3	M5	
ER20G-3.55	3.55	3.3	2.8	M3.5/M4.5				
ER20G-4	4	3.8	3			M3.5		
			3.1		M3			
			3.15	M4/M5				
ER20G-4.5	4.5	4.3	3.4			M4	M6	
			3.55	M6				
ER20G-5	5	4.7	4	M5	M4/M4.5			
ER20G-5.5	5.5	4.37	4.3				M7	
			4.5		M5/M5.5			
ER20G-6	6	5.09	4.5		M6			
			4.9			M5/M6	M8	
ER20G-6.2	6.2	5.21	5		M7/M8			
ER20G-6.3	6.3	5.21	5	M6/M8				
ER20G-7	7	5.84	5.5		M9/M10	M7	M10	
ER20G-8	8	6.88	6		M11			22
			6.2			M8	M11	
			6.3	M8/M10				
ER20G-8.5	8.5	7.14	6.5		M12			
ER20G-9	9	7.95	7				M12	
			7.1	M12				
ER20G-10	10	9.16	8	M10		M10		25
ER20G-10.5	10.5	9.16	8		M14/M15			
ER20G-11	11	10.53	9				M14	
ER20G-11.2	11.2	10.53	9	M14				
ER20G-12	12	10.53	9				M16	
ER20G-12.5	12.5	11.91	10	M16	M16			
ER20G-13	13	11.91	10		M17			

·ERG 刚性攻牙筒夹（公制）

ERG RIGID TAP COLLET(ISO)

ER25G

规格 / 型号 Model	d1	SW	W □	通用标准 Standard d2				L2
				ISO	JIS	DIN371	DIN376	
ER25G-2.24	2.24	2	1.8	M3				15
ER25G-2.5	2.5	2.2	2.1				M3.5	
			2	M3.5				
ER25G-2.8	2.8	2.6	2.1				M4	
ER25G-3	3	2.8	2.5		M2			18
ER25G-3.15	3.15	2.9	2.5	M3/M4				
ER25G-3.5	3.5	3.3	2.7			M3	M5	
ER25G-3.55	3.55	3.3	2.8	M3.5/M4.5				
ER25G-4	4	3.8	3			M3.5		
			3.1		M3			
			3.15	M4/M5				
ER25G-4.5	4.5	4.3	3.4			M4	M6	
			3.55	M6				
ER25G-5	5	4.7	4	M5	M4/M4.5			
ER25G-5.5	5.5	4.37	4.3				M7	
			4.5		M5/M5.5			
ER25G-6	6	5.09	4.5		M6			
			4.9			M5/M6	M8	
ER25G-6.2	6.2	5.21	5		M7/M8			
ER25G-6.3	6.3	5.21	5	M6/M8				
ER25G-7	7	5.84	5.5		M9/M10	M7	M10	
ER25G-8	8	6.88	6		M11			22
			6.2			M8	M11	
			6.3	M8/M10				
ER25G-8.5	8.5	7.14	6.5		M12			
ER25G-9	9	7.95	7				M12	
			7.1	M12				
ER25G-10	10	9.16	8	M10		M10		25
ER25G-10.5	10.5	9.16	8		M14/M15			
ER25G-11	11	10.53	9				M14	
ER25G-11.2	11.2	10.53	9	M14				
ER25G-12	12	10.53	9				M16	
ER25G-12.5	12.5	11.91	10	M16	M16			
ER25G-13	13	11.91	10		M17			
ER25G-14	14	12.97	11		M18		M18	28
			11.2	M18/M20				
ER25G-15	15	14.06	12		M20			
ER25G-16	16	14.06	12				M20	
			12.5	M22				

ER32G

规格 / 型号 Model	d1	SW	W □	通用标准 Standard d2				L2
				ISO	JIS	DIN371	DIN376	
ER32G-2.24	2.24	2	1.8	M3				15
ER32G-2.5	2.5	2.2	2.1				M3.5	
			2	M3.5				
ER32G-2.8	2.8	2.6	2.1				M4	
ER32G-3	3	2.8	2.5		M2			18
ER32G-3.15	3.15	2.9	2.5	M3/M4				
ER32G-3.5	3.5	3.3	2.7			M3	M5	
ER32G-3.55	3.55	3.3	2.8	M3.5/M4.5				
ER32G-4	4	3.8	3			M3.5		
			3.1		M3			
			3.15	M4/M5				
ER32G-4.5	4.5	4.3	3.4			M4	M6	
			3.55	M6				
ER32G-5	5	4.7	4	M5	M4/M4.5			
ER32G-5.5	5.5	4.37	4.3				M7	
			4.5		M5/M5.5			
ER32G-6	6	5.09	4.5		M6			
			4.9			M5/M6	M8	
ER32G-6.2	6.2	5.21	5		M7/M8			
ER32G-6.3	6.3	5.21	5	M6/M8				
ER32G-7	7	5.84	5.5		M9/M10	M7	M10	
ER32G-8	8	6.88	6		M11			22
			6.2			M8	M11	
			6.3	M8/M10				
ER32G-8.5	8.5	7.14	6.5		M12			
ER32G-9	9	7.95	7				M12	
			7.1	M12				
ER32G-10	10	9.16	8	M10		M10		25
ER32G-10.5	10.5	9.16	8		M14/M15			
ER32G-11	11	10.53	9				M14	
ER32G-11.2	11.2	10.53	9	M14				
ER32G-12	12	10.53	9				M16	
ER32G-12.5	12.5	11.91	10	M16	M16			
ER32G-13	13	11.91	10		M17			
ER32G-14	14	12.97	11		M18		M18	28
			11.2	M18/M20				
ER32G-15	15	14.06	12		M20			
ER32G-16	16	14.06	12				M20	
			12.5	M22				
ER32G-17	17	15.44	13		M22			33
ER32G-18	18	17.52	14.5				M22/M24	
			14	M24				
ER32G-19	19	18.22	15		M24/M25			
ER32G-20	20	19.61	15		M26/M27			

·ERG 刚性攻牙筒夹（公制）

ERG RIGID TAP COLLET(ISO)

ER40G

规格 / 型号 Model	d1	SW	W □	通用标准 Standard d2				L2
				ISO	JIS	DIN371	DIN376	
ER40G-2.24	2.24	2	1.8	M3				15
ER40G-2.5	2.5	2.2	2.1				M3.5	
			2	M3.5				
ER40G-2.8	2.8	2.6	2.1				M4	
ER40G-3	3	2.8	2.5		M2			18
ER40G-3.15	3.15	2.9	2.5	M3/M4				
ER40G-3.5	3.5	3.3	2.7			M3	M5	
ER40G-3.55	3.55	3.3	2.8	M3.5/M4.5				
ER40G-4	4	3.8	3			M3.5		
			3.1		M3			
			3.15	M4/M5				
ER40G-4.5	4.5	4.3	3.4			M4	M6	
			3.55	M6				
ER40G-5	5	4.7	4	M5	M4/M4.5			
ER40G-5.5	5.5	4.37	4.3				M7	
			4.5		M5/M5.5			
ER40G-6	6	5.09	4.5		M6			
			4.9			M5/M6	M8	
ER40G-6.2	6.2	5.21	5		M7/M8			
ER40G-6.3	6.3	5.21	5	M6/M8				
ER40G-7	7	5.84	5.5		M9/M10	M7	M10	
ER40G-8	8	6.88	6		M11			22
			6.2			M8	M11	
			6.3	M8/M10				
ER40G-8.5	8.5	7.14	6.5		M12			
ER40G-9	9	7.95	7				M12	
			7.1	M12				
ER40G-10	10	9.16	8	M10		M10		25
ER40G-10.5	10.5	9.16	8		M14/ M15			
ER40G-11	11	10.53	9				M14	
ER40G-11.2	11.2	10.53	9	M14				
ER40G-12	12	10.53	9				M16	
ER40G-12.5	12.5	11.91	10	M16	M16			
ER40G-13	13	11.91	10		M17			
ER40G-14	14	12.97	11		M18		M18	28
			11.2	M18/M20				
ER40G-15	15	14.06	12		M20			
ER40G-16	16	14.06	12				M20	
			12.5	M22				
ER40G-17	17	15.44	13		M22			33
ER40G-18	18	17.52	14.5				M22/ M24	
			14	M24				
ER40G-19	19	18.22	15		M24/ M25			
ER40G-20	20	19.61	15		M26/ M27			

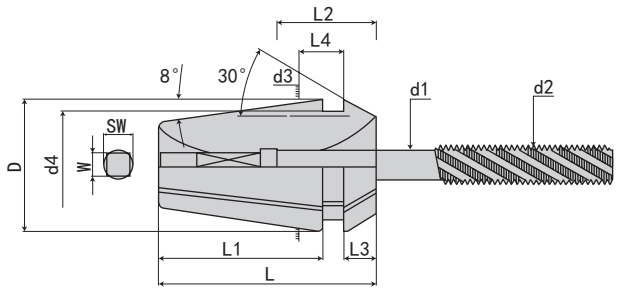
ER50G

规格 / 型号 Model	d1	SW	W □	通用标准 Standard d2				L2
				ISO	JIS	DIN371	DIN376	
ER50G-6	6	5.09	4.5		M6			18
			4.9			M5/M6	M8	
ER50G-6.2	6.2	5.21	5		M7/M8			
ER50G-6.3	6.3	5.21	5	M6/M8				
ER50G-7	7	5.84	5.5		M9/M10	M7	M10	
ER50G-8	8	6.88	6		M11			22
			6.2			M8	M11	
			6.3	M8/M10				
ER50G-8.5	8.5	7.14	6.5		M12			
ER50G-9	9	7.95	7				M12	
			7.1	M12				
ER50G-10	10	9.16	8	M10		M10		25
ER50G-10.5	10.5	9.16	8		M14/ M15			
ER50G-11	11	10.53	9				M14	
ER50G-11.2	11.2	10.53	9	M14				
ER50G-12	12	10.53	9				M16	
ER50G-12.5	12.5	11.91	10	M16	M16			
ER50G-13	13	11.91	10		M17			
ER50G-14	14	12.97	11		M18		M18	
			11.2	M18/M20				
ER50G-15	15	14.06	12		M20			
ER50G-16	16	14.06	12				M20	
			12.5	M22				
ER50G-17	17	15.44	13		M22			28
ER50G-18	18	17.52	14.5				M22/ M24	
			14	M24				
ER50G-19	19	18.22	15		M24/ M25			
ER50G-20	20	19.61	15		M26/ M27			40
ER50G-21	21	20.5	17		M28			
ER50G-22	22	21.6	18				M30	
ER50G-22.4	22.4	21.6	18	M33				
ER50G-23	23	20.5	17		M30			
ER50G-25	25	24.53	19		M33			
		24.53	20	M36				
ER50G-28	28	27	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"
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"

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



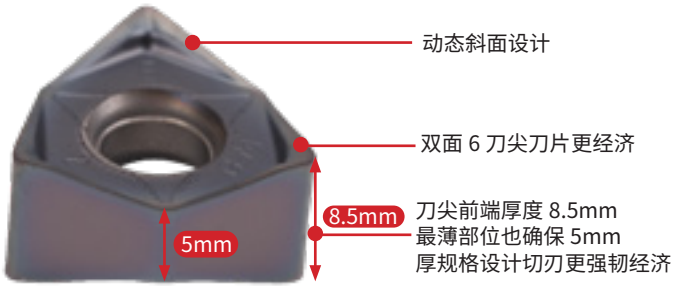
让 **切削** 更顺畅

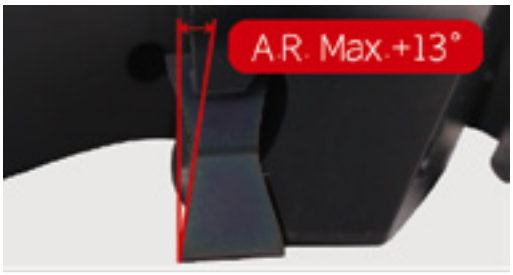
做 **中国** 好刀具

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



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



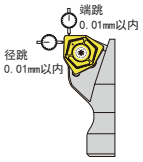
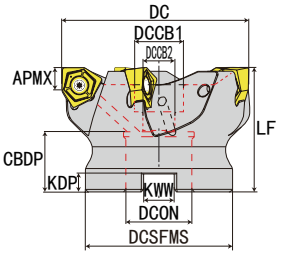


FIG.1





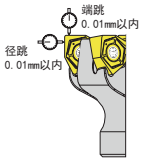
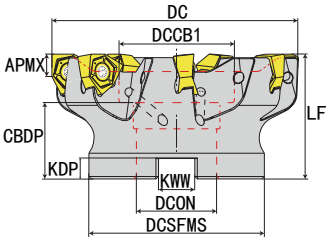


FIG.2





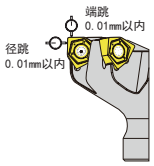
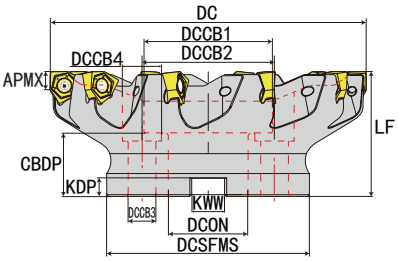


FIG.3





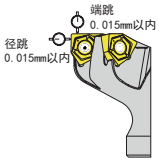
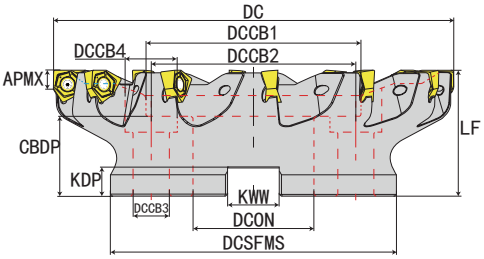


FIG.4



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

规格说明:

MFWN90 - 063 - B22 - 4T - WN08

- MFWN90 功能代号 Function code
- 063 刃径 Flute diameter
- B22 安装孔径 Inner diameter
- 4T 刃数 No.of flutes
- WN08 刀片规格 Insert specification 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

让 **切削** 更顺畅

做 **中国** 好刀具

·SN45°面铣刀盘 SN45° FACE MILL CUTTER



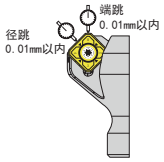
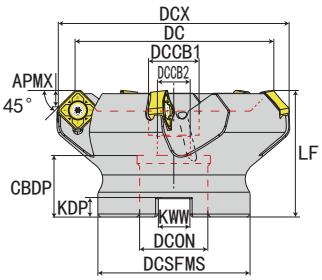


FIG.1





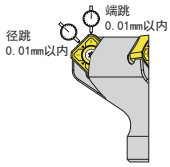
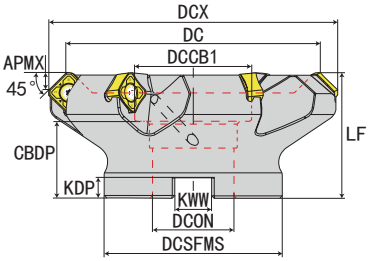


FIG.2





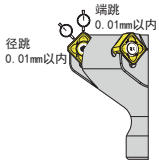
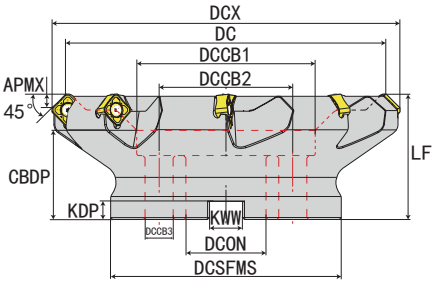


FIG.3





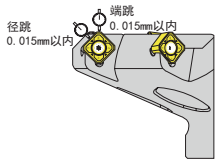
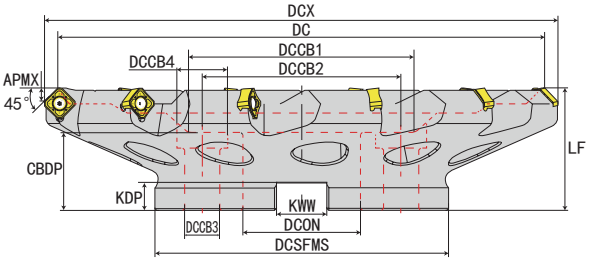


FIG.4



螺丝 Screw	旗型扳手 Wrench	刀片 Insert	切刃长度 APMX
SI82M5*0.8*14L	T15	SN □□ 12	3.0

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
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

规格说明:

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 Insert specification code

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



让 **切削** 更顺畅

做 **中国** 好刀具

·SN88°面铣刀盘 SN88° FACE MILL CUTTER



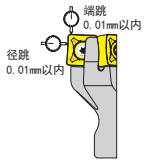
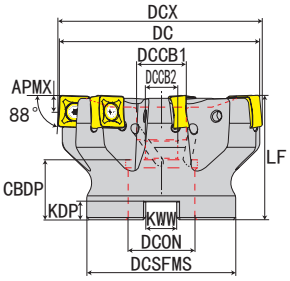


FIG.1





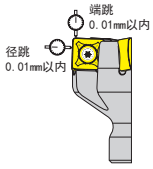
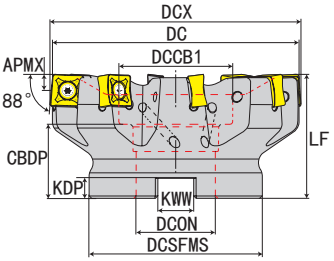


FIG.2





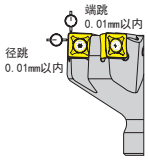
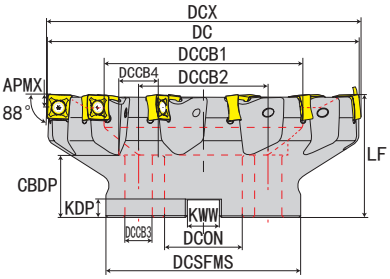


FIG.3



螺丝 Screw	旗型扳手 Wrench	刀片 Insert	切刃长度 APMX
SI82M5*0.8*14L	T15	SN □□ 12	7.0

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

规格说明:

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 Insert specification code

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。

让 **切削** 更顺畅

做 **中国** 好刀具

·BAP300R-90°方肩铣刀盘

BAP300R-90° RIGHT ANGLE SHOULDER FACE MILL



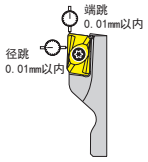
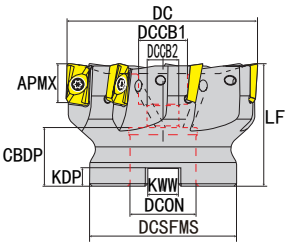


FIG.1





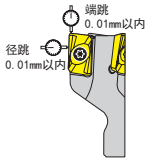
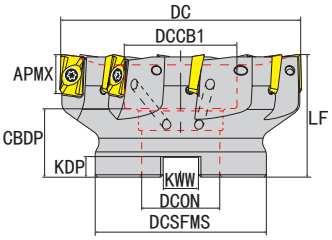


FIG.2



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

规格说明:

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



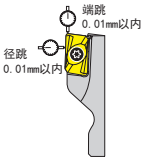
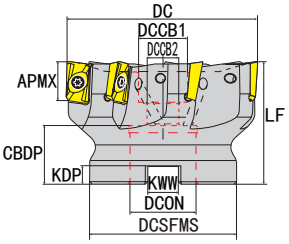


FIG.1





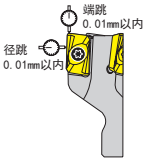
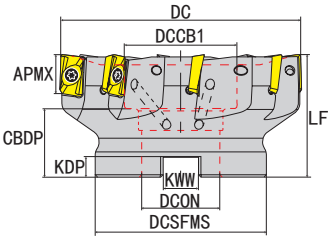


FIG.2





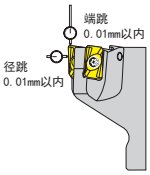
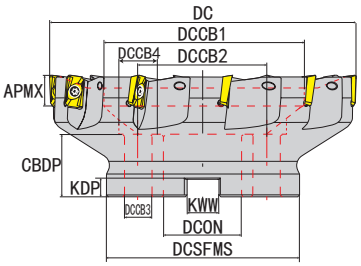


FIG.3



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

规格说明:

BAP400R - 040 - B16 - 4T - C

- BAP400R：功能代号 Function code
- 040：刃径 Flute diameter
- B16：安装孔径 Inner diameter
- 4T：刃数 No.of flutes
- C：冷却孔 Cooling hole

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



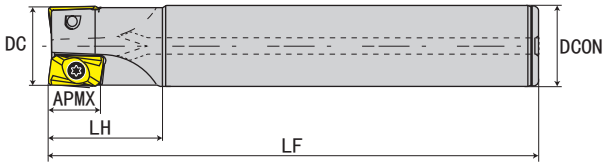


FIG.1



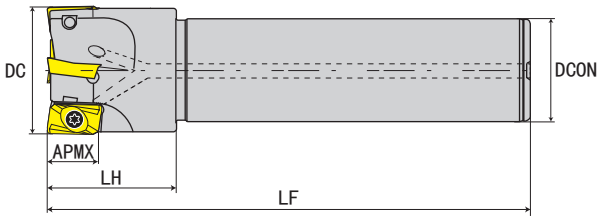


FIG.2

规格 / 型号 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	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	

规格说明:

BAP300R - 10 - 100 - C10 - 1T - C

- BAP300R: 功能代号 Function code
- 10: 切削直径 Cutting diameter
- 100: 全长 Overall length
- C10: 柄部直径 Shank diameter
- 1T: 刃数 No.of flutes
- C: 冷却孔 Cooling hole

·BAP300R-90°方肩铣刀杆

BAP300R-90° RIGHT ANGLE SHOULDER END MILL





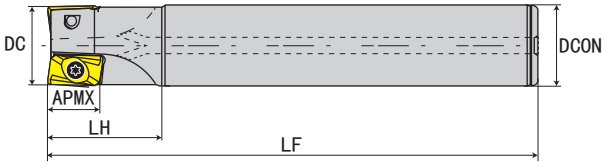


FIG.1

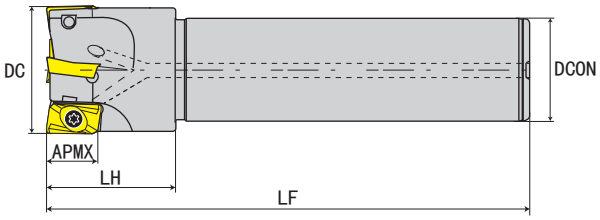


FIG.2

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	图示 FIG	重量 KGS
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-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	

规格说明:

BAP300R - 16 - 250 - C16 - 2T - C

- C: 冷却孔 Cooling hole
- 2T: 刃数 No.of flutes
- C16: 柄部直径 Shank diameter
- 250: 全长 Overall length
- 16: 切削直径 Cutting diameter
- BAP300R: 功能代号 Function code

·BAP300R-90°方肩铣刀杆

BAP300R-90° RIGHT ANGLE SHOULDER END MILL



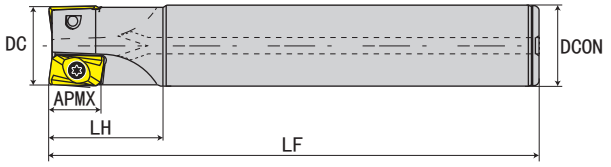


FIG.1



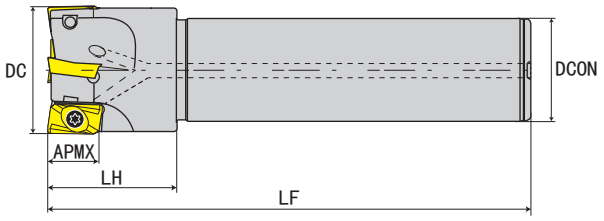


FIG.2

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	图示 FIG	重量 KGS
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-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	

规格说明:

BAP300R - 25 - 250 - C24 - 4T - C

- 功能代号 Function code
- 切削直径 Cutting diameter
- 全长 Overall length
- 柄部直径 Shank diameter
- 刃数 No.of flutes
- 冷却孔 Cooling hole

·BAP300R-90°方肩铣刀杆

BAP300R-90° RIGHT ANGLE SHOULDER END MILL



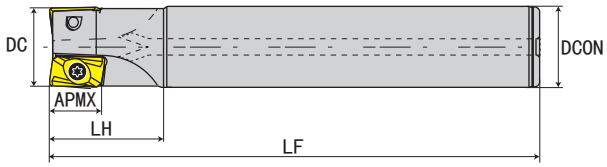


FIG.1



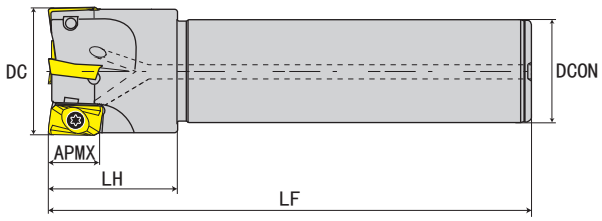


FIG.2

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	图示 FIG	重量 KGS
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	

规格说明:

BAP300R - 33 - 200 - C32 - 5T - C

- C: 冷却孔 Cooling hole
- 5T: 刃数 No.of flutes
- C32: 柄部直径 Shank diameter
- 200: 全长 Overall length
- 33: 切削直径 Cutting diameter
- BAP300R: 功能代号 Function code

·BAP400R-90°方肩铣刀杆

BAP400R-90° RIGHT ANGLE SHOULDER END MILL





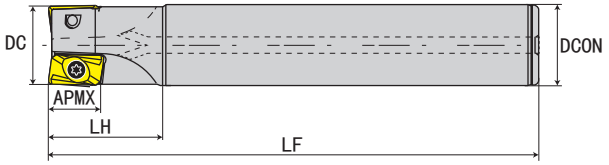


FIG.1

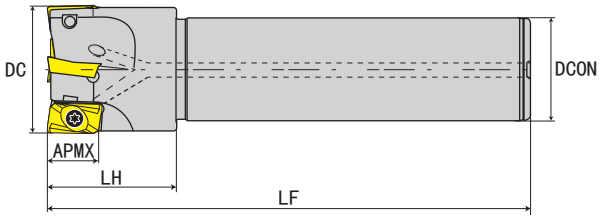


FIG.2

规格 / 型号 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	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	

规格说明:

BAP400R - 22 - 150 - C20 - 2T - C

- BAP400R: 功能代号 Function code
- 22: 切削直径 Cutting diameter
- 150: 全长 Overall length
- C20: 柄部直径 Shank diameter
- 2T: 刃数 No.of flutes
- C: 冷却孔 Cooling hole

·BAP400R-90°方肩铣刀杆

BAP400R-90° RIGHT ANGLE SHOULDER END MILL



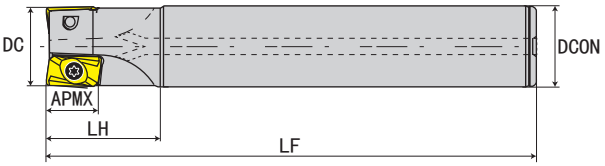


FIG.1



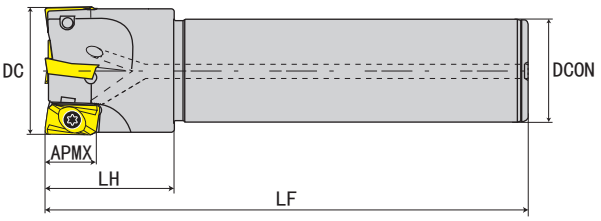


FIG.2

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	图示 FIG	重量 KGS
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-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	

规格说明:

BAP400R - 28 - 200 - C25 - 2T - C

- BAP400R: 功能代号 Function code
- 28: 切削直径 Cutting diameter
- 200: 全长 Overall length
- C25: 柄部直径 Shank diameter
- 2T: 刃数 No.of flutes
- C: 冷却孔 Cooling hole

·BAP400R-90°方肩铣刀杆

BAP400R-90° RIGHT ANGLE SHOULDER END MILL



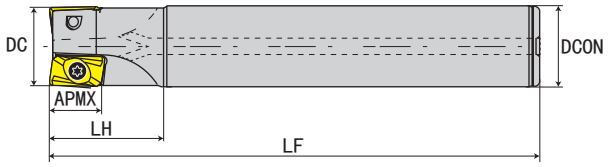


FIG.1



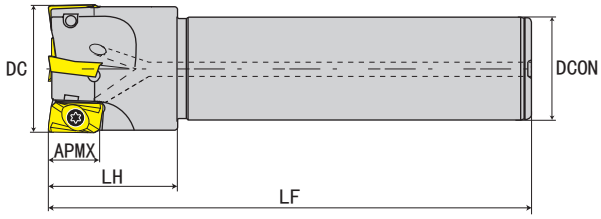


FIG.2

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	图示 FIG	重量 KGS
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-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	

规格说明:

BAP400R - 34 - 150 - C32 - 3T - C

- BAP400R: 功能代号 Function code
- 34: 切削直径 Cutting diameter
- 150: 全长 Overall length
- C32: 柄部直径 Shank diameter
- 3T: 刃数 No.of flutes
- C: 冷却孔 Cooling hole

·BAP400R-90°方肩铣刀杆

BAP400R-90° RIGHT ANGLE SHOULDER END MILL



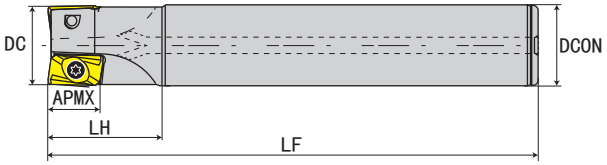


FIG.1



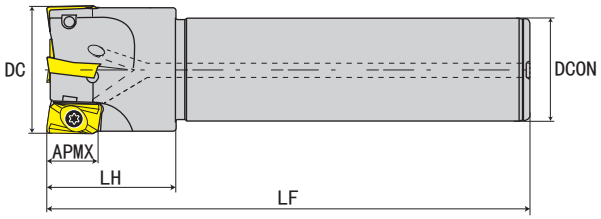


FIG.2

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	图示 FIG	重量 KGS
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	

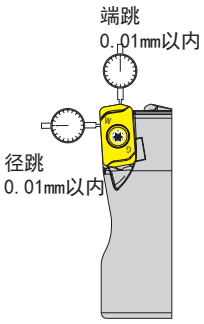
规格说明:

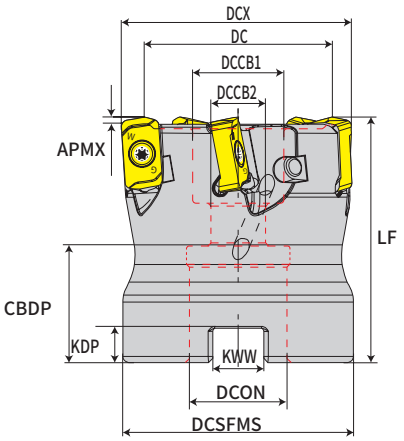
BAP400R - 50 - 200 - C32 - 5T - C

- C 冷却孔 Cooling hole
- 5T 刃数 No.of flutes
- C32 柄部直径 Shank diameter
- 200 全长 Overall length
- 50 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

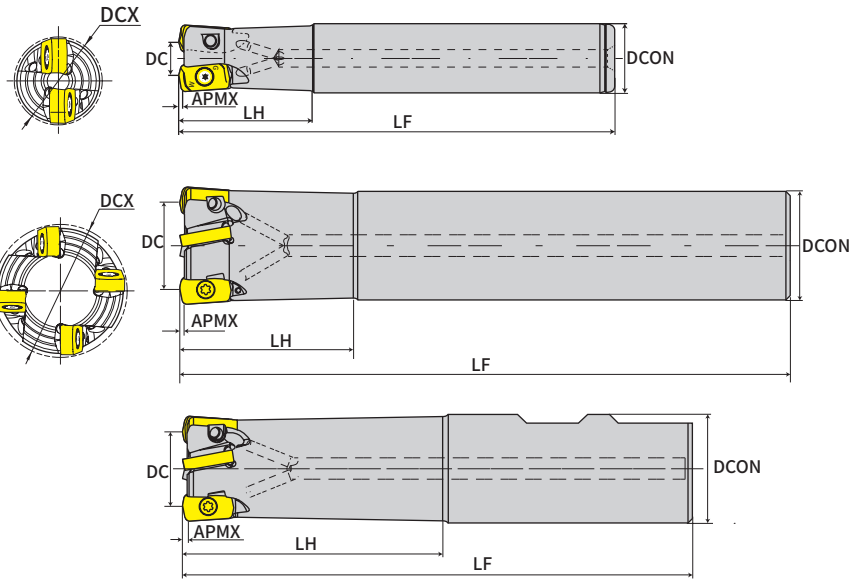
规格说明:

MFH - 040R - 03 - 5T - M

- 5T: 刃数 No.of flutes
- 03: 刀片型号 Insert
- 040R: 最大切削直径 Max cutting diameter
- MFH: 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

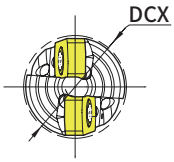
规格说明:

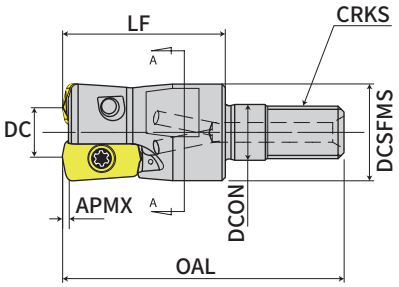
MFH - 16 - S16 - 03 - 2T

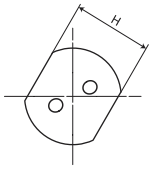
- 2T: 刃数 No.of flutes
- 03: 刀片型号 Insert
- S16: 柄部直径 Shank diameter
- 16: 最大切削直径 Max cutting diameter
- MFH: 功能代号 Function code

·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	

规格说明:

MFH - 16 - M08 - 03 - 2T

- 2T: 刃数 No.of flutes
- 03: 刀片型号 Insert
- M08: 锁紧螺纹 Locking thread
- 16: 最大切削直径 Max 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）

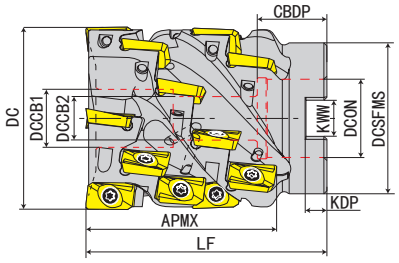
切削刃强度高和切削阻力小确保在大切深加工时具有良好的加工性能。



·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	

规格说明:

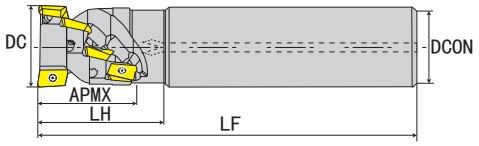
AP16 - D50 - B22 - 50M - 3R - 12T

- 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	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	

规格说明:

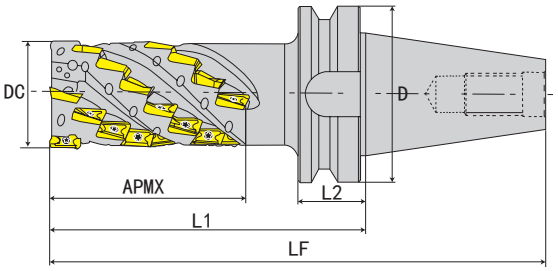
AP11 - D32 - C32 - 40M - 3R - 15T - 200LF

- AP11 功能代号 Function code
- D32 切削直径 Cutting diameter
- C32 柄部直径 Shank diameter
- 40M 切刃长度 Cutting length
- 3R 刃数 No.of flutes
- 15T 刀片数量 Blade Number
- 200LF 全长 Overall length

·SBT-AP 整体粗切削玉米铣刀

BT-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	

规格说明:

SBT40 - D40 - 49M - 3R - 2T - AP16

- SBT40 功能代号 Function code
- D40 切削直径 Cutting diameter
- 49M 切刃长度 Cutting length
- 3R 刃数 No.of flutes
- 2T 刀片数量 Blade Number
- AP16 刀片规格代号 Insert specification code

镗孔刀具系列

BORING HEAD

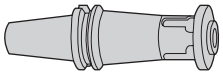


镗孔刀具系列

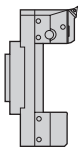
BORING HEAD

·模块式精镗系列 MODULAR FINE BORING SYSTEM

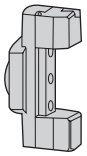
BST BORING SYSTEM
BST 系列



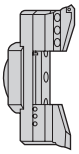
BST Basic Boring Holder
BST 镗头刀柄



FBH Large Diameter Modular Micro Boring Head
FBH 大径极细微调精镗头



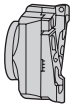
CBA Large Diameter Boring Head
CBA 大径微调精密镗头



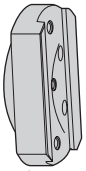
DBH Large Diameter Rougn Boring Head
DBH 大径双刃粗镗头



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)

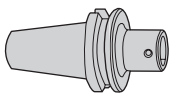


Flange
连接盘

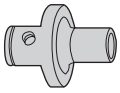


Extension Slider
横向滑板

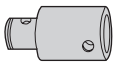
DCK BORING SYSTEM
DCK 系列



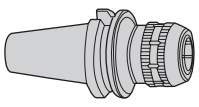
DCK Taper Shank For Boring Head
DCK 镗头刀柄



DCK Reducion Adapter
DCK 异径转换接柄（大接小）

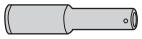


DCK Exten tion Adapter
DCK 等径延长接柄

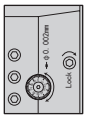




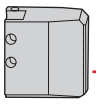
SCB Boring Bar With Solid Carbide Shank
SCB 超硬整体碳化钨钢镗刀杆



SSB-C32 Boring Bar Wuth Straight Shank
SSB-C32 直柄镗刀杆


FBH Finish Head
FBH 微调滑块

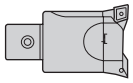

Insert Holder For FBH Boring
FBH 精镗刀座

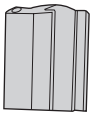

Balance Weight
平衡滑块

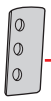

Shim For Insert Holder
刀片座垫片

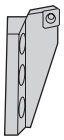

Insert Holder For FBH Back-Boring Head
FBH 精镗反镗刀座

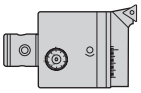

CBA Finish Head
CBA 微调滑块


ABH Rough Boring Head
ABH 粗镗头系统组合

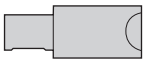

Balanced Weight
滑块

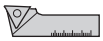

Shim For Insert Holder
刀片座垫片

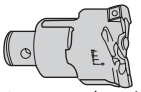

Insert Holder
刀片座及适用刀片


FBH Micro Boring Head
FBH 极细微调精镗刀


BM8


BM5

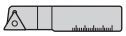

Insert Holder For FBH Boring
FBH 精镗刀座


DBH Twin Cutter Rough Boring Head
DBH 分体式粗镗头

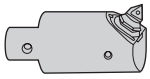

BM140-20


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

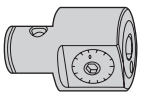

FBH Micro-Boring Bar
FBH 精镗刀杆


DCK-DYD Micro-boring Bar
DCK-DYD 微调精密镗头

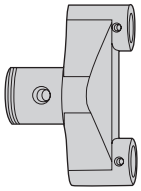

DBJ Collet For Solid Caibide
Boring Bar
DBJ 钨钢刀杆专用筒夹

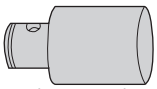

DT Anti-shaking Solid
Carbide Boring Bar
DT 抗震钨钢刀杆

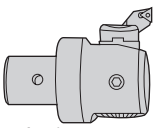

DEB Indexable Insert Holder
For Boring Bar
DEB 拾弃式镗头

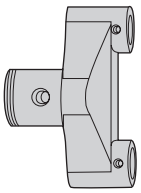

DBJ10/16 Micro-Boring Head
DBJ10/16 微调精密镗头

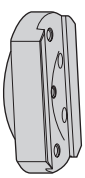

DBJ10/16 Micro-boring Bar
DBJ10/16 微调镗头刀杆

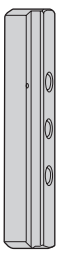

CBA-M Modular Adapter For Pin Turning
CBA-M 微调精密反镗头

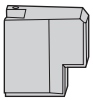

Balance Weight
平衡块

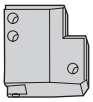

CBA finish Boring Head
CBA 微调精密镗头


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

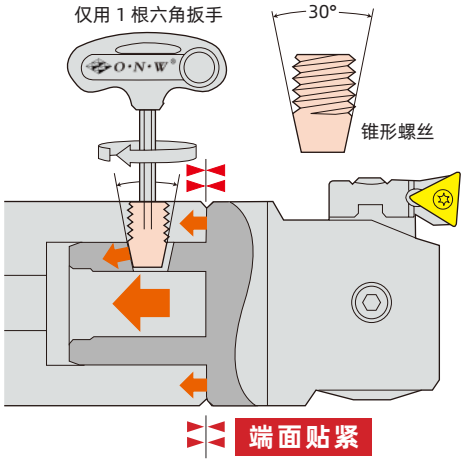

Balanced Weight
滑块


Balance Weight
平衡滑块

·CK 模块式镗刀系列 CK MODULAR BORING BAR

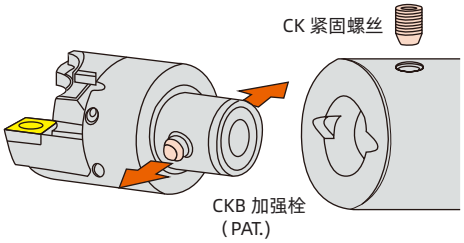
高精度 强力 操作方便——最理想的连接方式

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。

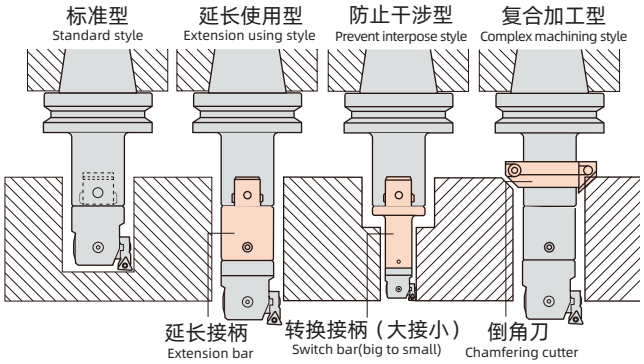


CK No.	剪切强度（CK 紧固螺丝）
CK1	600kg
CK2	1,100kg
CK3	1,400kg
CK4	3,000kg
CK5	4,700kg
CK6	7,100kg
CK7	16,200kg

因为是模块式

能够自由设定 加工直径和有效加工深度

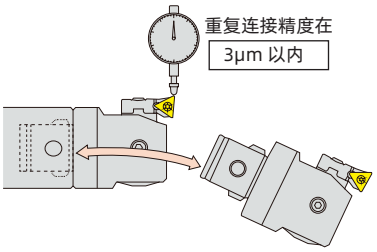
针对不同的工件形状，可以用延长杆加长、或用减径杆减小加工直径。既可以保持刚性，又可以防止干涉。再配合倒角器，可自由组合成最合适的镗孔刀具。



虽然是模块式

重复连接精度在 3μm 以内

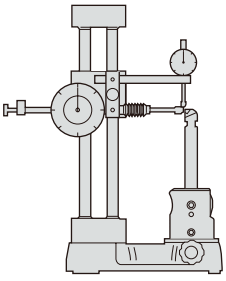
同一镗头多次重复拆、装，刀尖的位置误差不超过 3μm。实际加工中可获得稳定的加工精度。



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 。
◎独特高低段差设计，平刃或高低刃均可采用。

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

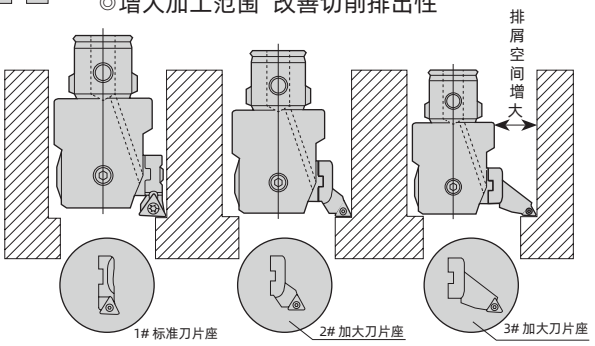
加工范围 :ϕ20-ϕ203



特点 1:

只需交换刀片座

◎增大加工范围 改善切削排出性

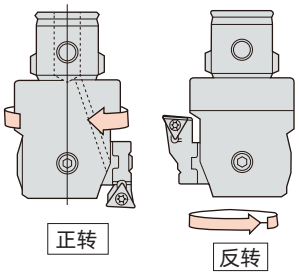


同一镗头可对应 3 种刀片座，加工范围约增大到原来的 3 倍。同时可根据需要灵活组合，增大镗头与孔壁间的空隙，改善切屑的排出性。

特点 2:

满足同轴度的要求

◎标准对应反镗加工



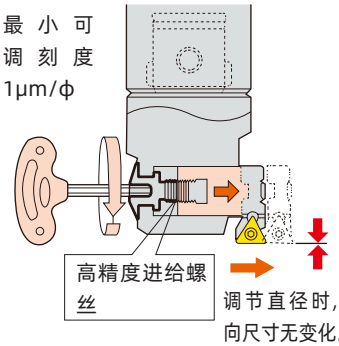
在镗背面的孔时，往往需要将工件反装。这样不仅浪费时间，而且很难保证前后孔的同轴度，EWN 精镗头只需将刀片座反装即可标准对应反镗加工，既能保证精度，又能提高生产效率。

（※ 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



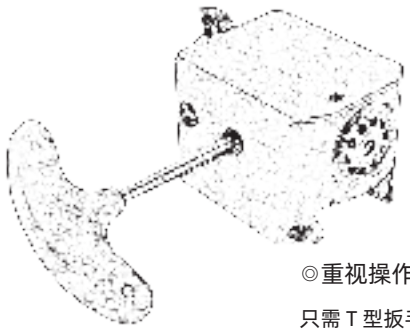
调节直径时，轴向尺寸无变化。

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

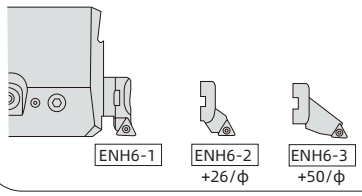
特点 1:



◎重视操作性

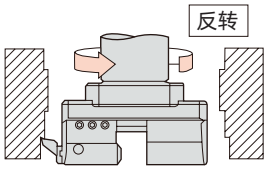
只需 T 型扳手 1 把，方便，迅速

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



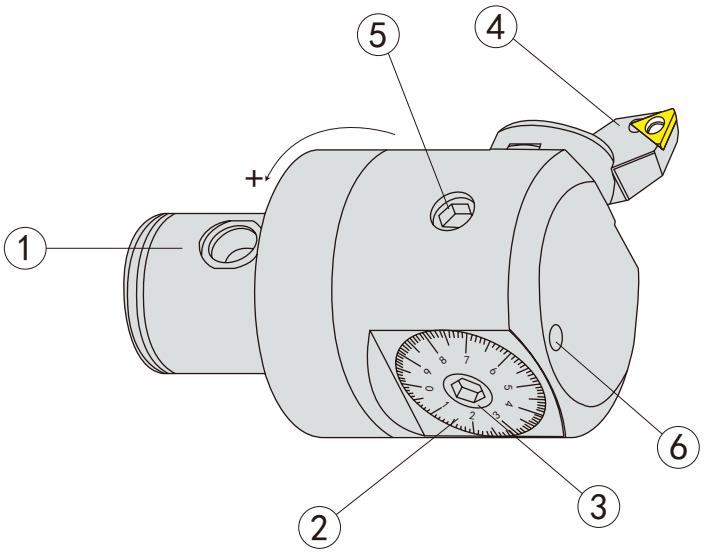
◎对应反镗加工

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.

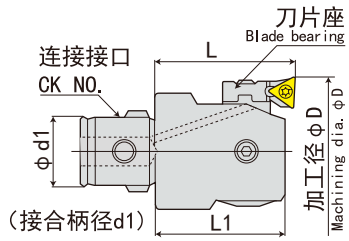
使用者注意事项 /Notices of The User

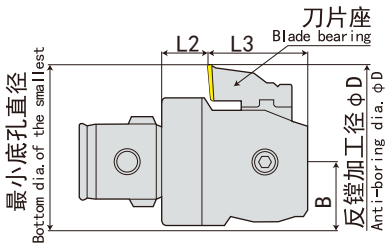
1. 请使用在加工范围内。
2. 当滑座在已锁紧状态下，请勿旋转调整旋钮，否则会导致调整机构被破坏。
3. 滑座之固定，请使用专用扳手，以适当扭力来确保锁紧固定螺丝。过度锁紧会导致座体移位，过松会造成精度不良。
4、本产品是由精密螺丝、移动刀片座旋转调整旋钮，在阻力很大或无法转动时，请停止调整，并确认以下事项：
①固定螺丝是否松开。
②是否超出调整范围。
③当过度旋转调整旋钮时，会导致刀杆和本体卡死，镗头精度被破坏。
5、在使用本产品前，应先加入润滑脂；使用后，应将表面清理干净，浸入防锈油，以免长时间放置后生锈。

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







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			30-31							
			ENH1-3	30-36			30-36							
EWN25-47-CK2	CK2	14	ENH2-1	25-33	36.5	32.5	-	11.5	21	12.5				0.12
			ENH2-2	32-40			36-40							
			ENH2-3	39-47			39-47							
EWN32-60-CK3	CK3	18	ENH3-1	32-42	42.5	35	-	10	25	16				0.21
			ENH3-2	41-51			46-51							
			ENH3-3	50-60			50-60							
EWN41-74-CK4	CK4	22	ENH4-1	41-54	51.5	43	-	14	29	20	TCGT110204	M2.5*6	T8	0.4
			ENH4-2	50-63			53-63							
			ENH4-3	61-74			61-74							
EWN53-95-CK5	CK5	28	ENH5-1	53-70	59.5	53	62-70	19	34	25.5				1.1
			ENH5-2	65-82			65-82							
			ENH5-3	78-95			78-95							
EWN68-150-CK6	CK6	36	ENH6-1	68-100	70	67.2	80-100	22	45.2	32.5				1.74
			ENH6-2	94-126			90-126							
			ENH6-3	118-150			118-150							
EWN100-203-CK6			ENH6-1	100-153	71	67.2	112-153			45.5				2.46
			ENH6-2	126-179			126-179							
			ENH6-3	150-203			150-203							

规格说明:

EWN - 20-36 - CK1

- CK1 — CK NO.
- 20-36 — 加工范围 Processing Range
- EWN — EWN 精镗头（不附带刀片） WN Fine Boring Head (without insert)

·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					**ENH4-2**	50-63				
ENH1-3	30-36					**ENH4-3**	61-74				
ENH2-1	25-33				EWN25-47-CK2	**ENH5-1**	53-70				EWN53-95-CK5
ENH2-2	32-40					**ENH5-2**	65-82				
ENH2-3	39-47					**ENH5-3**	78-95				
ENH3-1	32-42				EWN32-60-CK3	**ENH6-1**	68-100				EWN68-150-CK6 EWN100-203-CK6
ENH3-2	41-51					**ENH6-2**	94-126				
ENH3-3	50-60					**ENH6-3**	118-150				

·硬质合金刀杆 EW 微型精镗头

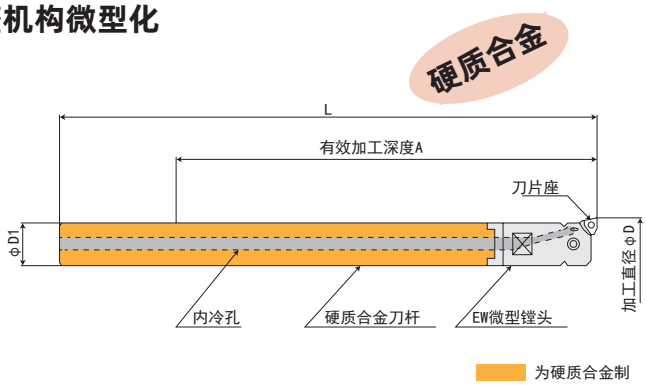
加工范围 Φ15-Φ22

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
-140L			181	140			
ST16W-EW18-100L	16	18-22	144	100			
-160L			204	160			

◎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］

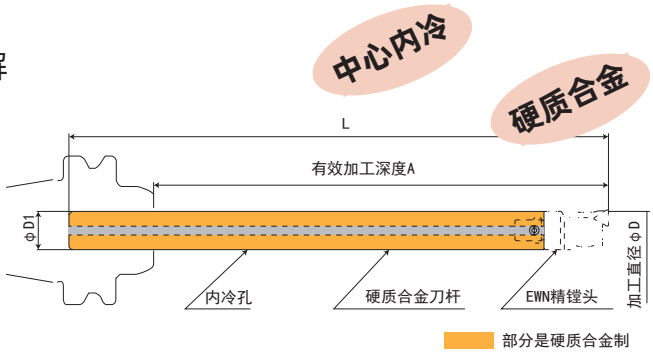
·CK 硬质合金直杆刀柄

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
-180L			222.5	180	
-230L			272.5	230	
ST24W-CK2-150L	24	25-47	195.5	150	EWN25-47-CK2
-210L			255.5	210	
-280L			325.5	280	
ST31W-CK3-160L	31	32-60	240	160	EWN32-60-CK3
-240L			320	240	
-310L			390	310	

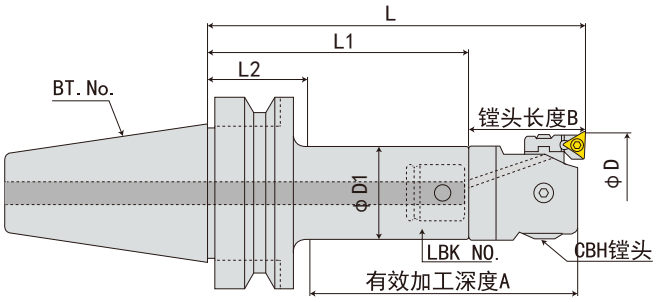
◎不附带 EWN 精镗头

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





规格 / 型号 Model	组合内容 Tool Connection		连接接口	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-EWN20-87.5	BT30-LBK1-55	EWN20-36CKB1	LBK1	87.5	55	22	32.5	19	20-36	65.5	0.77
-102.5	-70			102.5	70					80.5	0.77
BT30-EWN25 -116.5	BT30-LBK2-80	EWN25-47CKB2	LBK2	116.5	80		36.5	24	25-47	94.5	0.92
BT30-EWN32 -122.5	BT30-LBK3-80	EWN32-60CKB3	LBK3	122.5	80		42.5	31	32-60	100.5	0.92
BT30-EWN41 -121.5	BT30-LBK4-70	EWN41-74CKB4	LBK4	121.5	70		51.5	39	41-74	99.5	1.4
BT30-EWN53 -119.5	BT30-LBK5-60	EWN53-95CKB5	LBK5	119.5	60		59.5	50	53-95	97.5	2.2
BT30-EWN68 -130	BT30-LBK6-60	EWN68-105CKB6	LBK6	130	60		70	63	68-150	108	2.94
BT40-EWN20 -107.5	BT40-LBK1-75	EWN20-36CKB1	LBK1	107.5	75	27	32.5	19	20-36	80.5	1.07
-137.5	-105			137.5	105					110.5	1.27
BT40-EWN25 -121.5	BT40-LBK2-85	EWN25-47CKB2	LBK2	121.5	85		36.5	24	25-47	94.5	1.32
-151.5	-115			151.5	115					124.5	1.42
-201.5	-165			201.5	165					174.5	1.52
-236.5	-200			236.5	200					209.5	1.67
BT40-EWN32 -137.5	BT40-LBK3-95	EWN32-60CKB3	LBK3	137.5	95		42.5	31	32-60	110.5	1.51
-167.5	-125			167.5	125					140.5	1.41
-197.5	-155			197.5	155					170.5	1.81
-227.5	-185			227.5	185					200.5	1.91
-247.5	-205			247.5	205					220.5	2.01
BT40-EWN41 -136.5	BT40-LBK4-85	EWN41-74CKB4	LBK4	136.5	85		51.5	39	41-74	109.5	1.85
-181.5	-130			181.5	130					154.5	1.9
-226.5	-175			226.5	175					199.5	2.5
-256.5	-205			256.5	205					229.5	2.6
-301.5	-250			301.5	250					274.5	2.7
BT40-EWN53 -134.5	BT40-LBK5-75	EWN53-95CKB5	LBK5	134.5	75		59.5	50	53-95	107.5	2.8
-184.5	-125			184.5	125					157.5	3.05
-234.5	-175			234.5	175					207.5	4.1
-264.5	-205			264.5	205					237.5	4.3
-309.5	-250			309.5	250					282.5	4.6
BT40-EWN68 -135	BT40-LBK6-65	EWN68-150CKB6	LBK6	135	65		70	63	68-150	108	3.89
-185	-115			185	115					158	5.24
-235	-165			235	165					208	5.59
-275	-205			275	205					248	5.85
-320	-250			320	250					293	6.14
-370	-300			370	300					343	6.44
BT40-EWN100-136	BT40-LBK6-65	EWN100-203CKB6		136	65		71	63	100-203	109	4.61
-186	-115			186	115					159	5.96
-236	-165			236	165					209	6.31
-276	-205			276	205					249	6.56
-321	-250			321	250					294	6.86
-371	-300			371	300					344	7.16

BT30 - EWN20 - 105

- 105 → 全长 L
- EWN20 → EWN20-36-CK1 S
- BT30 → BT 刀柄 BT Tool Holder

·BT30/40-EWN 微调精密镗头

BT30/40-EWN SMALL DIAMETER FINE BORING HEAD

规格 / 型号 Model	组合内容 Tool Connection		连接接口	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 -122.5	BT50-LBK1-90	EWN20-36CKB1	LBK1	122.5	90	38	32.5	19	20-36	84.5	3.77
-147.5	-115			147.5	115					109.5	3.97
-177.5	-145			177.5	145					139.5	4.47
-207.5	-175			207.5	175					169.5	4.57
-237.5	-205			237.5	205					199.5	5.07
BT50-EWN25-126.5	BT50-LBK2-90	EWN25-47CKB2	LBK2	126.5	90		36.5	24	25-47	88.5	3.8
-146.5	-110			146.5	110					108.5	4
-176.5	-140			176.5	140					138.5	4.3
-211.5	-175			211.5	175					173.5	4.6
-241.5	-205			241.5	205					203.5	4.9
BT50-EWN32 -132.5	BT50-LBK3-90	EWN32-60CKB3	LBK3	132.5	90		42.5	31	32-60	94.5	4.61
-167.5	-125			167.5	125					129.5	4.91
-197.5	-155			197.5	155					159.5	5.01
-227.5	-185			227.5	185					189.5	5.21
-257.5	-215			257.5	215					219.5	5.41
BT50-EWN41 -141.5	BT50-LBK4-90	EWN41-74CKB4	LBK4	141.5	90		51.5	39	41-74	103.5	5
-166.5	-115			166.5	115					128.5	5.2
-196.5	-145			196.5	145					158.5	5.6
-226.5	-175			226.5	175					188.5	5
-256.5	-205			256.5	205					218.5	5.25
-301.5	-250			301.5	250					263.5	5.6
-351.5	-300			351.5	300					313.5	5.9
-401.5	-350			401.5	350					363.5	6.2
BT50-EWN53 -154.5	BT50-LBK5-95	EWN53-95CKB5	LBK5	154.5	95		59.5	50	53-95	116.5	6.5
-164.5	-105			164.5	105					126.5	6.6
-209.5	-150			209.5	150					171.5	7.1
-239.5	-180			239.5	180					201.5	7.3
-299.5	-240			299.5	240					261.5	7.5
-329.5	-270			329.5	270					291.5	7.8
-359.5	-300			359.5	300					321.5	8.1
-409.5	-350			409.5	350					371.5	8.4
BT50-EWN68 -160	BT50-LBK6-90	EWN68-150-CKB6	LBK6	160	90		70	63	68-150	122	7.64
-175	-105			175	105	39				136	7.84
-220	-150			220	150	38				182	8.04
-240	-170			240	170	38				202	8.24
-250	-180			250	180	38				212	8.44
-300	-230			300	230	38				262	9.19
-340	-270			340	270	38				302	9.94
-370	-300			370	300	38				332	11.24
-420	-350			420	350	38				382	12.54
-470	-400			470	400	38				432	13.54
-520	-450			520	450	38				482	14.54
-570	-500			570	500	38				532	15.54
BT50-EWN100-161	BT50-LBK6-90	EWN100-203-CKB6		161	90		71		100-153	123	8.36
-176	-105			176	105	39				137	8.56
-221	-150			221	150	38				183	8.74
-241	-170			241	170					203	8.96
-251	-180			251	180					213	9.16
-301	-230			301	230					263	9.91
-341	-270			341	270					303	10.66
-371	-300			371	300					333	11.96
-421	-350			421	350					383	13.26
-471	-400			471	400					433	14.26
-521	-450			521	450					483	15.26
-571	-500			571	500					533	16.26

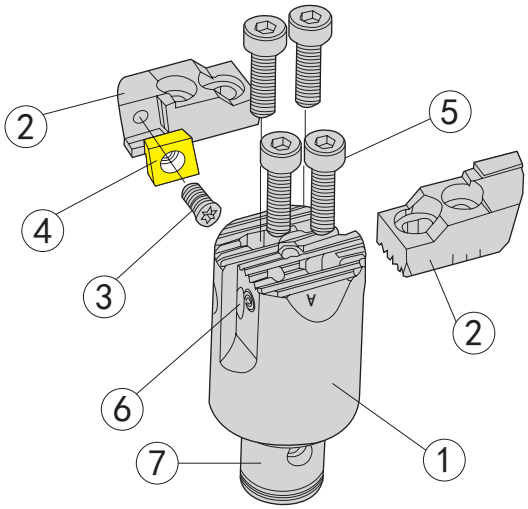
BT30 - EWN20 - 105

- 105: 全长 L
- EWN20: EWN20-36-CK1 S
- BT30: BT 刀柄 BT Tool Holder

·RBC 新型带齿双刃粗镗刀头及段差型粗镗头使用说明

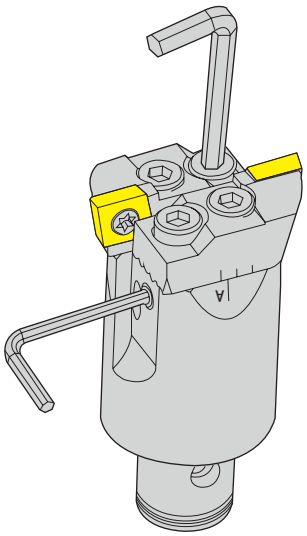
RBC LNSTRUCTIONS OF TWIN-CUTTER ROUGH BORING HEAD AND STEPPED ROUGH BORING METHOD

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。

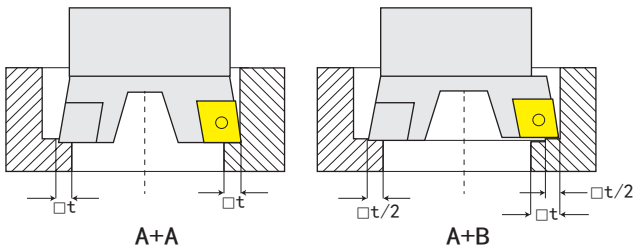


Please operate the following step(1-4)according to the diagram figured;
Step1.Loosening the fixed screws on the blade bearing.
Step2.Rotating and adjusting the side screws to move the blade bearing to an scheduled processing dimension.
Step3.Locking the fixed screws on the blade bearing.
Step4.Using 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.



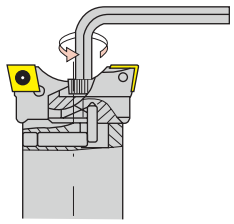
a.When A and B blade bearing be mutual exchanged side to form high-low blade,i.e. A blade bearing to match B matching face,B blade bearing to math A matching face.
b.Be careful that the adjusted cutting output of high blade and low blade should be same.in that case the two sides cutting and counteractive will be balanced to prevent of resonance and damage from excessive force on single blade.

·RBC 新型带齿双刃粗镗刀头及段差型粗镗头使用说明

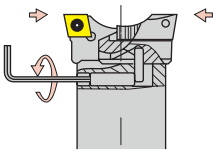
RBC LNSTRUCTIONS OF TWIN-CUTTER ROUGH BORING HEAD AND STEPPED ROUGH BORING METHOD

双刃等高调节方法

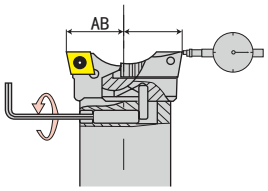
1 松开2颗锁紧螺丝



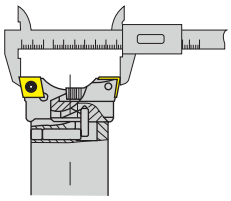
2 寸小约2mm，稍微拧紧2颗锁紧



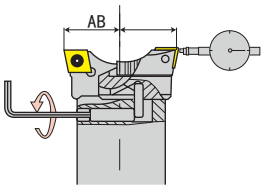
3 旋转调节螺丝，使A、B尺寸在±0.05之内。



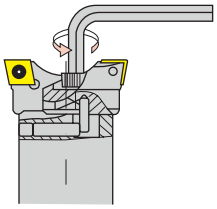
4 测量当前尺寸，计算刀片座调节量。



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。

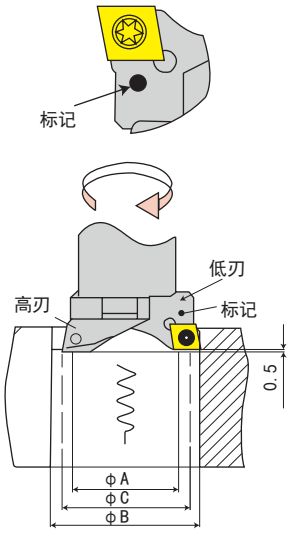


6 拧紧2颗锁紧螺丝。

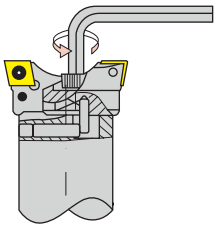


段差加工调节方法

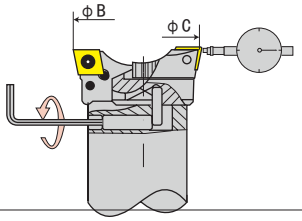
高刃加工直径计算方法：
φC=(加工前直径φA+加工直径φB) /2



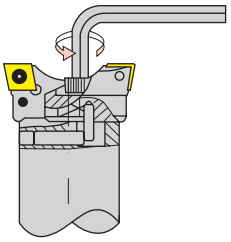
1 松开两颗锁紧螺丝，再略微拧紧。



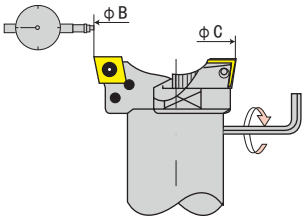
2 旋转调节螺丝推动刀片座，观察刻度线，将高刃调至φC尺寸，低刃略小于B尺寸



3 拧紧两颗锁紧螺丝。



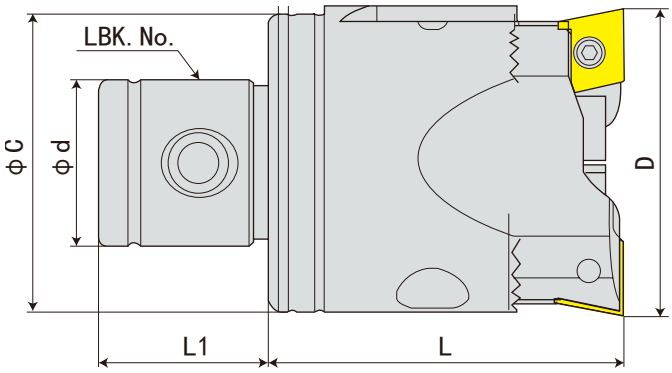
4 试切，看尺寸再调节低刃。



·RBC 带齿可调式双刃粗镗头

RBC INDEXABLE TWIN-BIT ROUGH BORING HEAD





镗头型号 Boring Head Type	接合型号 LBK No.	镗孔范围 ϕDmm Boring Range	L mm	ϕC mm	ϕd mm	L1 mm	刀片规格 Insert	重量 Kg Weight
RBC20 -25 -LBK1-C	LBK1	20~25	30	19	11	13	CCMT060204	0.12
RBC25 -35 -LBK2-C	LBK2	25~35	35	24	14	16	CCMT060204	0.15
RBC32 -45 -LBK3-C	LBK3	32~45	45	31	18	20	CCMT060204	0.3
-LBK3-T							TCMT110204	
RBC40 -55 -LBK4-C	LBK4	40~55	54	39	22	24	CCMT09T304	0.6
-LBK4-T							TCMT16T304	
-LBK4-S							SCMT09T304	
RBC52 -75 -LBK5-C	LBK5	52~75	64	50	28	30	CCMT09T304	1
-LBK5-T							TCMT220408	
-LBK5-S							SCMT09T304	
RBC68 -92 -LBK6-C	LBK6	68~92	75	68	36	40	CCMT120408	2.5
-LBK6-T							TCMT16T304	
-LBK6-S							SCMT120404	
RBC90 -122-LBK6-C	LBK6	90~122	100	88			CCMT120408	3.1
-LBK6-T							TCMT16T304	
-LBK6-S							SCMT120404	
RBC100-122-LBK7A-C	LBK7	100~122	100	88	58	50	CCMT120408	3.8
-LBK7A-T							TCMT220408	
-LBK7A-S							SCMT120404	
RBC120-164AC	LBK7 BST	120~164	95	100			CCMT120408	4.7
RBC120-164AT							TCMT220408	
RBC120-164AS							SCMT120404	
RBC160-204AC	LBK7 BST	160~204	95	130			CCMT120408	5.6
RBC160-204AT							TCMT220408	
RBC160-204AS							SCMT120404	

特点：

注：

◎刀片支持座采用排齿式设计，刚性增强适合重切削。

◎内藏式水孔，直接冷却，刀片寿命长。

◎排屑槽设计，增加深孔排屑功能。

◎连接压板使刀头与刀座一体，增加切削刚性。

5. 独特高低段差设计，平刃或高低刃均可采用。

Features:

◎ The blade support base adopts the tooth arrangement sign,and the rigidity enhancement is suitable for heavy cutting.

◎ Coolant nozzle easily cools lthe insert,elongating its working life.

◎ The design of chip pocket,improving chip flow of deep boring.

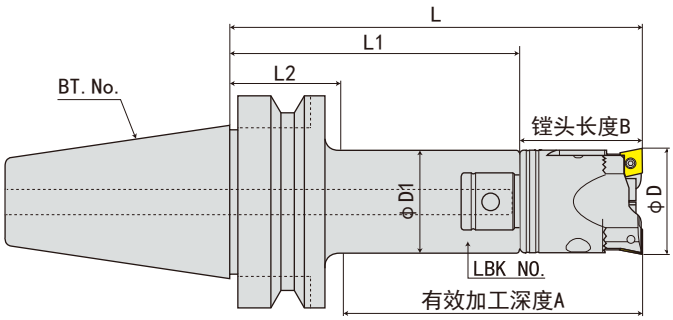
◎ Clamp plate solidifies cartridges and head,upgrading cuttingrigidity.

◎ Patented step boring design;suitable for both level boring and step boring

·RBC 带齿可调式双刃粗镗头 +LBK 刀柄

RBC INDEXABLE TWIN-BIT ROUGH BORING HEAD+LBK SHANK



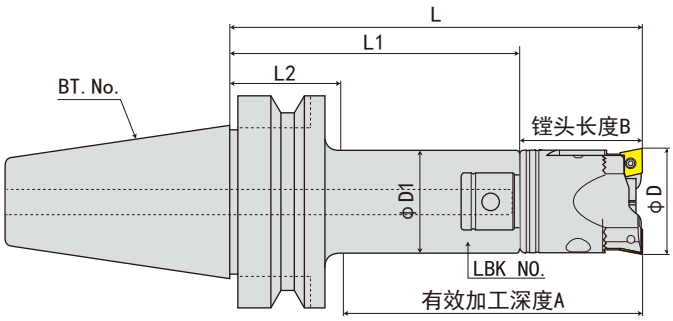


规格 / 型号 Model	LBK 刀柄 LBK Shank	RBC 镗头	镗孔范围 Boring Range	有效加工深度 A	接合型号 LBK No.	全长 L	刀杆长 L1	L2	镗头长度 B	刀杆外径 ϕD1	重量 KG
BT30-RBC20 -C -85	BT30-LBK1-55	RBC20-25-LBK1-C	20-25	63	LBK1	85	55	22	30	19	0.85
-100	-70			78		100	70				
BT30-RBC25 -C -115	-LBK2-80	RBC25-35-LBK2-C	25-35	93	LBK2	115	80		35	24	0.95
BT30-RBC32 -C -125	-LBK3-80	RBC32-45-LBK3-C	32-45	93	LBK3	125	80		45	31	1.2
BT30-RBC40 -C -124	-LBK4-70	RBC40-55-LBK4-C	40-55	102	LBK4	124	70		54	39	1.6
BT30-RBC52 -C -124	-LBK5-60	RBC52-75-LBK5-C	52-75	102	LBK5	124	60		64	50	2.1
BT30-RBC68 -C -135	-LBK6-60	RBC68-92-LBK6-C	68-92	113	LBK6	135	60		75	63	6.2
BT40-RBC20 -C -105	BT40-LBK1-75	RBC20-25-LBK1-C	20-25	78	LBK1	105	75	27	30	19	1.12
-135	-105			108		135	105				1.32
BT40-RBC25 -C -120	BT40-LBK2-85	RBC25-35-LBK2-C	25-35	93	LBK2	120	85		35	24	1.35
-150	-115			123		150	115				1.45
-200	-165			173		200	165				1.55
-235	-200			208		235	200				1.7
BT40-RBC32 -C -140	BT40-LBK3-95	RBC32-45-LBK3-C	32-45	113	LBK3	140	95		45	31	1.6
-170	-125			143		170	125				1.7
-200	-155			173		200	155				1.9
-230	-185			203		230	185				2
-205	-205			223		250	205				2.1
BT40-RBC40 -C -139	BT40-LBK4-85	RBC40-55-LBK4-C	40-55	112	LBK4	139	85		54	39	1.45
-184	-130			157		184	130				1.5
-229	-175			202		229	175				2.1
-259	-205			232		259	205				2.2
-304	-250			277		304	250				2.3
-354	-300			327		354	300				2.4
BT40-RBC52 -C -139	BT40-LBK5-75	RBC52-75-LBK5-C	52-75	112	LBK5	139	75		64	50	2.7
-189	-125			162		189	125				2.95
-175	-175			212		239	175				4
-205	-205			242		269	205				4.2
-250	-250			287		314	250				4.5
BT40-RBC68 -C -140	BT40-LBK6-65	RBC68-92-LBK6-C	68-92	113	LBK6	140	65		75	63	4.65
-190	-115			163		190	115				6
-240	-165			213		240	165				6.35
-280	-205			253		280	205				6.6
-325	-250			298		325	250				6.9
-375	-300			348		375	300				7.2
BT40-RBC90 -C -165	BT40-LBK6-65	RBC90-122-LBK6-C	90-122	138	LBK6	165	65		100	63	5.75
-215	-115			188		215	115				7
-265	-165			238		265	165				7.45
-305	-205			278		305	205				7.7
-350	-250			323		350	250				8
-400	-300			373		400	300				8.3
BT40-RBC120AC-195	BT40-BST-100	RBC120-164AC	120-164	168	BST	195	100		95	95	8.05
-245	-150			218		245	150		95	95	8.2
-295	-200			268		295	200		95	95	9.2
-345	-250			318		345	250		95	95	9.7
-395	-300			368		395	300		95	95	10.7
BT40-RBC160AC-195	BT40-BST-100	RBC160-204AC	160-204	168	BST	195	100		95	95	8.95
-245	-150			218		245	150		95	95	9.1
-295	-200			268		295	200		95	95	10.1
-345	-250			318		345	250		95	95	10.6
-395	-300			368		395	300		95	95	11.6

·RBC 带齿可调式双刃粗镗头 +LBK 刀柄

RBC INDEXABLE TWIN-BIT ROUGH BORING HEAD+LBK SHANK





规格 / 型号 Model	LBK 刀柄 LBK Shank	RBC 镗头	镗孔范围 Boring Range	有效加工深度 A	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 KG
BT50-RBC20-C-120	BT50-LBK1-90	RBC20-25-LBK1-C	20-25	82	LBK1	120	90				3.82
-145	-115			107		145	115				4.02
-175	-145			137		175	145		30	19	4.52
-205	-175			167		205	175				4.62
-235	-205			197		235	205				5.12
BT50-RBC25-C-125	BT50-LBK2-90	RBC25-35-LBK2-C	25-35	87	LBK2	125	90				3.8
-145	-110			107		145	110				4
-175	-140			137		175	140		35	24	4.3
-210	-175			172		210	175				4.6
-240	-205			202		240	205				4.9
BT50-RBC32-C-135	BT50-LBK3-90	RBC32-45-LBK3-C	32-45	97	LBK3	135	90				4.7
-170	-125			132		170	125				4.8
-200	-155			162		200	155		45	31	4.9
-230	-185			192		230	185				5.1
-260	-215			222		260	215				5.3
BT50-RBC40-C-144	BT50-LBK4-90	RBC40-55-LBK4-C	40-55	106	LBK4	144	90				5.2
-169	-115			131		169	115				5.4
-199	-145			161		199	145				5.9
-229	-175			191		229	175		54	39	5.2
-259	-205			221		259	205				5.15
-304	-250			266		304	250				5.8
-354	-300			316		354	300	38			6.1
-404	-350			366		404	350				6.4
BT50-RBC52-C-159	BT50-LBK5-95	RBC52-75-LBK5-C	52-75	121	LBK5	159	95				6.4
-169	-105			131		169	105				6.5
-214	-150			176		214	150				7
-244	-180			206		244	180		64	50	7.2
-304	-240			266		304	240				7.4
-334	-270			296		334	270				7.7
-364	-300			326		364	300				8
-414	-350			376		414	350				8.3
BT50-RBC68-C-165	BT50-LBK6-90	RBC68-92-LBK6-C	68-92	127	LBK6	165	90				8.4
-180	-105			142		180	105				8.6
-225	-150			187		225	150				8.8
-245	-170			207		245	170				9
-255	-180			217		255	180				9.2
-305	-230			267		305	230				9.95
-345	-270			307		345	270		75	63	10.7
-375	-300			337		375	300				12
-425	-350			387		425	350				13.3
-475	-400			437		475	400				14.3
-525	-450			487		525	450				15.3
-575	-500			537		575	500				16.3

规格说明:

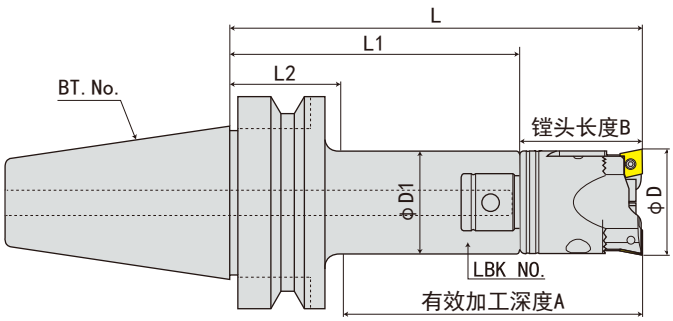
BT30 - RBC20 - C - 85

- 85 — L 长度 Length（L）
- C — 接口大小 Collect model
- RBC20 — RBC 镗头 RBC Boring
- BT30 — BT 刀柄 BT Tool Holder

·RBC 带齿可调式双刃粗镗头 +LBK 刀柄

RBC INDEXABLE TWIN-BIT ROUGH BORING HEAD+LBK SHANK





规格 / 型号 Model	LBK 刀柄 LBK Shank	RBC 镗头	镗孔范围 Boring Range	有效加工深度 A	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 KG
BT50-RBC90 -C -190	BT50-LBK6-90	RBC90-122-LBK6-C	90-122	152		190	90		100		9
-205	-105			167		205	105				9.2
-250	-150			212		250	150				9.4
-270	-170			232		270	170				9.6
-280	-180			242		280	180				9.8
-330	-230			292		330	230				10.55
-370	-270			332		370	270				11.3
-400	-300			362		400	300				12.6
-450	-350			412		450	350				13.9
-500	-400			462		500	400				14.9
-550	-450			512		550	450				15.9
-600	-500			562		600	500				16.9
BT50-RBC120AC-195	BT50-BST-100	RBC120-164AC	120-164	157	BST	195	100		95	95	9.8
-245	-150			207		245	150				11.55
-295	-200			257		295	200				13.8
-345	-250			307		345	250				14.2
-395	-300			357		395	300				18.1
-445	-350			407		445	350				20.45
-495	-400			457		495	400				23.9
-545	-450			507		545	450				29.2
-595	-500			557		595	500				29.2
-645	-550			607		645	550				
-695	-600			657		695	600				
BT50-RBC160AC-195	BT50-BST-100	RBC160-204AC	160-204	157		195	100				10.7
-245	-150			207		245	150				12.45
-295	-200			257		295	200				14.7
-345	-250			307		345	250				15.1
-395	-300			357		395	300				19
-445	-350			407		445	350				21.35
-495	-400			457		495	400				24.8
-545	-450			507		545	450				27.1
-595	-500			557		595	500				30.1
-645	-550			607		645	550				
-695	-600			657		695	600				

规格说明:

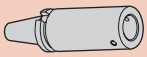
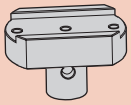
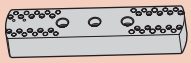
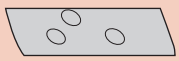
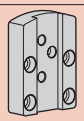
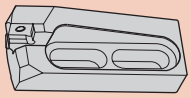
BT30 - RBC20 - C - 85

- 85: L 长度 Length（L）
- C: 接口大小 Collect model
- RBC20: RBC 镗头 RBC BORING
- BT30: BT 刀柄 BT Tool Holder

·φ200 以上 RBC 组合式大径粗镗刀系列《镗孔范围 φ200-φ1010mm》

RBC LARGE DIAMETER MODULAR ROUGH BORING HEAD WITH DIAMETER OVER Φ200MM《BORING RANGE FROM Φ200-Φ1010MM》



镗头型号 Boring Head Type	型号 Type		RBC200	RBC300	RBC400	RBC500	RBC600	RBC700	RBC800	RBC900
	长度 Length(mm)		115	115	115	115	98	98	98	98
	整组重量 Total Weight(kg)		9.2	10.1	11	11.9	17.3	18.3	19.3	20.8
	加工直径 Boring Diameter φD(mm)		200-310	300-410	400-510	550-610	600-710	700-810	800-910	900-1010
组合型式 Module	接合刀杆 Taper Shank		BT50/SK50/HSK100A-LBK7				BT50-FMA-47.625			
	连接盘 Flange		LBK7 FLN135 BST FLN135							
	重量（Kg) Weight		2.76							
	横向梁（铝合金）Transverse depth (aluminum alloy)		SLN200	SLN300	SLN400	SLN500	SLN600	SLN700	SLN800	SLN900
	重量（Kg)Weight		1.44	2.3	3.2	4.1	9.5	10.5	11.5	13
	滑轨 Clamp Base		CB-TW200							
	重量（Kg)Weight		1.8Kg							
	刀片座垫片 Height Setting Shim		TW201							
	重量（Kg)Weight		0.05Kg							
	刀片座 Insert Holder		TW200C-12		TW200T-16		TW200T-22		TW200S-12	
	适合刀片 Applicable Insert		CCMT120404		TCMT16T304		TCMT220408		SCM120408	
	重量（Kg) Weight		0.72Kg							

特点：

注：

◎通用 φ200~φ1010mm 大型孔径加工使用。

◎粗、精镗刀使用同基础组件，且可另选配附件搭配使用。

◎粗搪刀，具有多种刀片选择，可通用于多种材料及加工方式。

◎可依客户需求订制 1M 以上规格。

Features:

◎ This type is suitable for large diameter boring with ranges fromφ200mm to φ1010mm.

◎ The structure includes common flange and extension slide for both rough and finish boring heads.lt can be used in optional accessories for different works.Adjustment range is withinφ110mm on diameter.

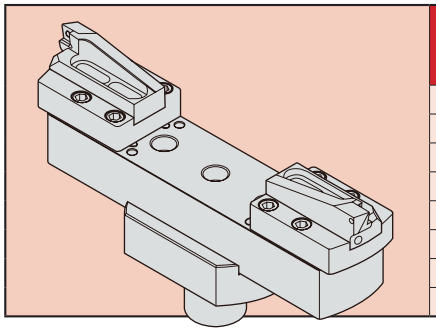
◎ 0ptions of various inserts for rough boring to work on different materials and boring styles.

◎ Boring head can be customized according to client' s requirements above 1M specification.

·ϕ200 以上 RBC 组合式大径双刃粗镗刀 +LBK 和 FMA47.625 刀柄（MAS 403 BT）

RBC- INDEXABLE TWIN-BIT ROUGH BORING HEAD FOR LARGE HOLE BORING +LBKT SHANK (MAS 403 BT)

镗孔范围 ϕ200-ϕ1010mm Boring Range fromϕ200-ϕ1010mm



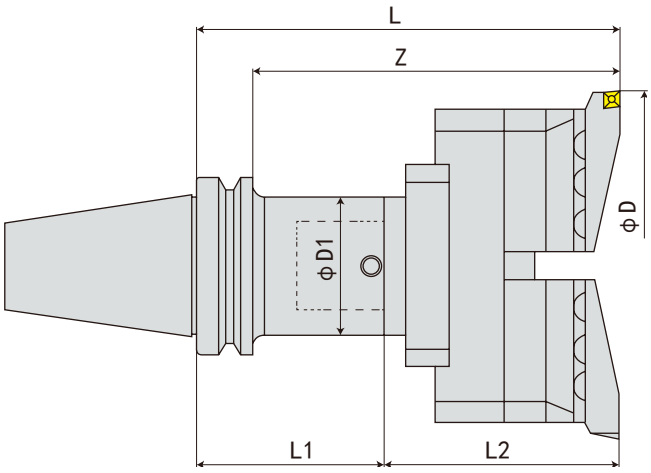
镗头型号 Boring Head Type	接合型号 LBK No.	镗孔范围 ϕD Boring Range	镗头长度 L2mm	刀片规格 Insert	重量（Kg） Weight
RBC200	LBK7 BST	200-310	117	（选配刀片座） Optional Inserts CCMT120408 TCMT16T304 TCMT220408 SCMT120404	7.24
RBC300		300-410			8.1
RBC400		400-510			9.2
RBC500		500-610			10.2
RBC600	FMA-47.625	600-710	117		15.3
RBC700		700-810			16.3
RBC800		800-910	117		17.3
RBC900		900-1010			18.8

·ϕ200 以上 RBC 组合式大径双刃粗镗刀 +LBK 和 FMA47.625 刀柄（MAS 403 BT）

RBC- INDEXABLE TWIN-BIT ROUGH BORING HEAD FOR LARGE HOLE BORING +LBKT SHANK (MAS 403 BT)

镗孔范围 ϕ200-ϕ1010mm Boring Range fromϕ200-ϕ1010mm



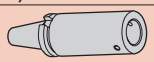
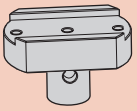
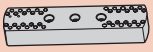
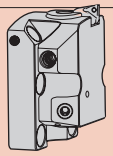


型号 Type	镗孔范围 ϕD Boring Range	有效长 Z	组合内容 Tool Connection		接合型号 LBK No.	全长 L	刀杆长 L1	刀杆外径 ϕD1	重量 KGS
			BST 刀杆 BST Shank	RBC 镗头 RBC Boring Head					
BT50-RBC200-230	200-310		BT50-LBK7-100	RBC200	7	230	100	88	12
-280			-150			280	150		13.74
-330			-200			330	200		15.24
-380			-250			380	250		16.24
-430			-300			430	300		17.24
-480			-350			480	350		19.24
-530			-400			530	400		21.24
-580			-450			580	450		24.3
-630			-500			630	500		25.9
BT50-RBC300-230	300-410		BT50-LBK7-100	RBC300		230	100		12.9
-280			-150			280	150		14.6
-330			-200			330	200		16.1
-380			-250			380	250		17.1
-430			-300			430	300		18.1
-480			-350			480	350		20.1
-530			-400			530	400		22.1
-580			-450			580	450		23.2
-630			-500			630	500		26.8
BT50-RBC400-230	400-510		BT50-LBK7-100	RBC400		230	100		13.8
-280			-150			280	150		15.5
-330			-200			330	200		17
-380			-250			380	250		18
-430			-300			430	300		19
-480			-350			480	350		21
-530			-400			530	400		23
-580			-450			580	450		26.1
-630			-500			630	500		27.7
BT50-RBC500-230	500-610		BT50-LBK7-100	RBC500		230	100		15
-280			-150			280	150		16.7
-330			-200			330	200		18.2
-380			-250			380	250		19.2
-430			-300			430	300		20.2
-480			-350			480	350		22.2
-530			-400			530	400		23.6
-580			-450			580	450		27.3
-630			-500			630	500		28.6
BT50-RBC600-190	600-710		BT50-FMA.47.625-75	RBC600	FMA47.625	190	75	128	22.6
-RBC700-190	700-810			RBC700					23.6
-RBC800-190	800-910			RBC800		190			24.6
-RBC900-190	900-1010			RBC900					26.1

·ϕ200 以上 BMB 组合式大径微调精镗刀系列《镗孔范围 ϕ200-ϕ1010mm》

BMB LARGE DIAMETER MODULAR FINIS BORING HEAD WITH DIAMETER OVERΦ200《BORING RANGE FROMΦ200-Φ1010MM》



镗头型号 Boring Head Type	型号 Type		BMB200	BMB300	BMB400	BMB500	BMB600	BMB700	BMB800	BMB900
	长度 Length(mm)		115	115	115	115	98	98	98	98
	整组重量 Total Weight(kg)		7	7.9	8.8	9.7	12.4	13.4	14.4	15.8
	加工直径 Boring Diameter ϕD(mm)		200-310	300-410	400-510	550-610	600-710	700-810	800-910	900-1010
组合型式 Module	接合刀杆 Taper Shank		BT50/SK50/HSK100A-LBK7 BST				BT50-FMA-47.625			
	连接盘 Flange		LBK7 FLN135 BST FLN135							
			合金钢 Alloy Steel							
	重量（Kg) Weight		2.76							
	横向梁（铝合金） Transverse depth (aluminum alloy)		SLN200	SLN300	SLN400	SLN500	SLN600	SLN700	SLN800	SLN900
	重量（Kg)Weight		1.44	2.3	3.2	4.1	9.5	10.5	11.5	13
	平衡块 Balance Base		BWN200							
	重量（Kg)Weight		1.44Kg							
	微调单元 Finish Head		BMB200							
	重量（Kg)Weight		1.44Kg							
	适合刀片 Applicable Insert		TC11/M2.5T/T8							

特点：

注：

◎通用 ϕ200~ϕ1010mm 大型孔径加工使用。

◎粗、精镗刀使用同基础组件，且可另选配附件搭配使用。

◎刀片座为可更换式。

◎可依客户需求订制 1M 以上规格。

5. 独特高低段差设计，平刃或高低刃均可采用。

Features:

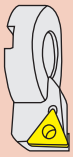
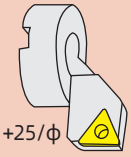
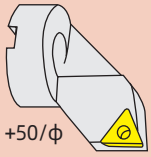
◎ This type is suitable for large diameter boring with ranges fromϕ200mm to ϕ1010mm.

◎ The structure includes common flange and extension slide for both rough and finish boring heads.It can be used in optional accessories for different works.Adjustment range is within ϕ110mm on diameter.

◎ Replaceable insert holders.

◎ Boring head can be customized according to client's requirements above 1M specification.

·通过更换刀片座可扩大加工范围

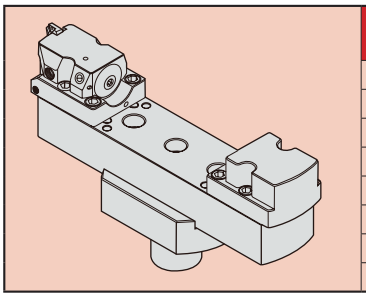
附件	另售品	
ENH7-1	ENH7-2	ENH7-3
	 +25/ϕ	 +50/ϕ
对应刀片 TC11		

除以上型号外，也可使用 BMB 精镗头用刀片座（“沟槽加工用刀片座”等）

·ϕ200mm 以上 BMB 大孔径微调精镗刀 +LBK 和 FMA47.625 刀柄（MAS 403 BT)

BMB LARGE DIAMETER MODULAR FINIS BORING HEAD +LBK/FMA(MAS 403 BT)

镗孔范围 ϕ200-ϕ1010mm Boring Range fromϕ200-ϕ1010mm

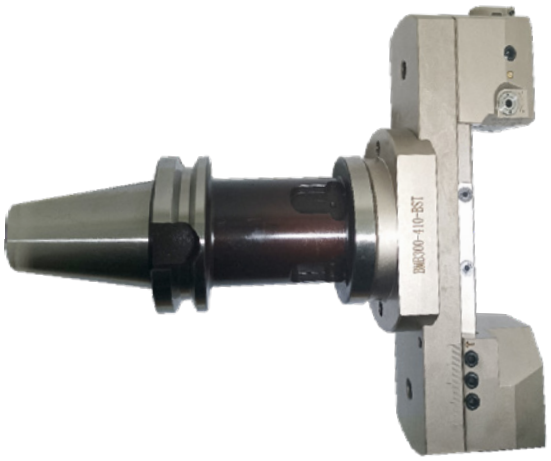


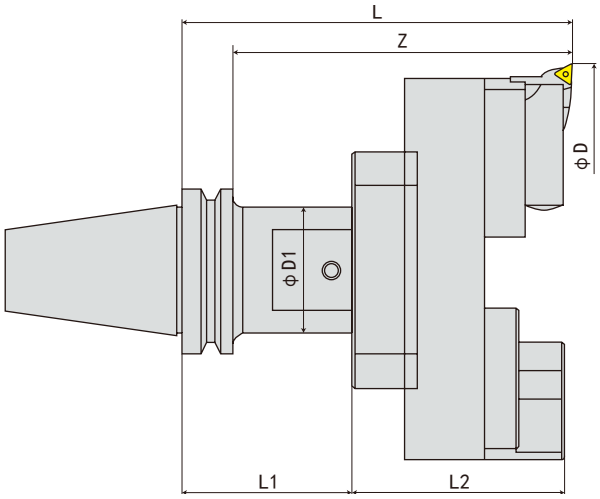
镗头型号 Boring Head Type	接合型号 LBK No.	镗孔范围 ϕD Boring Range	镗头长度 L2mm	刀片规格 Insert	重量 KGS
BMB200	LBK7 系列 LBK7 Series BST	200-310	115	可更换式刀片座 Replaceable insert holder	7
BMB300		300-410			7.9
BMB400		400-510			8.8
BMB500		500-610			9.7
BMB600	FMA-47.625	600-710	98		12.4
BMB700		700-810			13.4
BMB800		800-910	98		14.4
BMB900		900-1010			15.8

·ϕ200mm 以上 BMB 大孔径微调精镗刀 +LBK 和 FMA47.625 刀柄（MAS 403 BT)

BMB LARGE DIAMETER MODULAR FINIS BORING HEAD +LBK/FMA(MAS 403 BT)

镗孔范围 ϕ200-ϕ1010mm Boring Range fromϕ200-ϕ1010mm

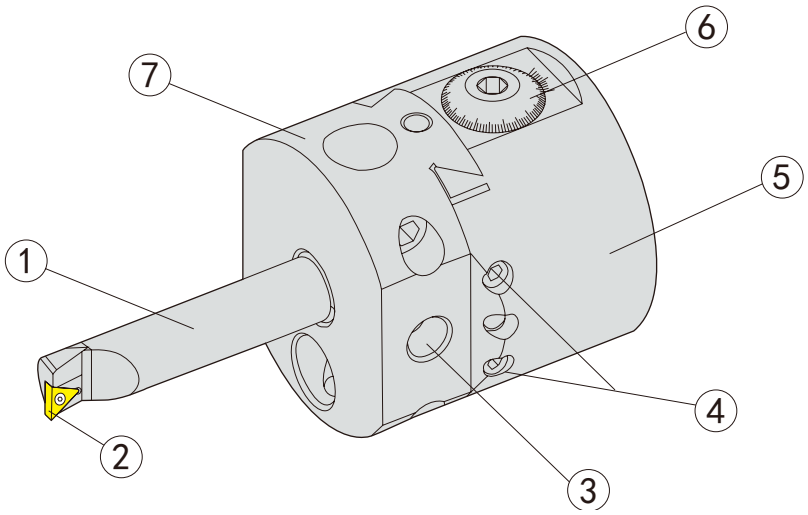




型号 Type	镗孔范围 ϕD Boring Range	有效长 Z	组合内容 Tool Connection		接合型号 LBK No.	全长 L	刀杆长 L1	刀杆外径 ϕD1	重量 KGS
			BST 刀杆 BST Shank	RBC 镗头 RBC Boring Head					
BT50-BMB200-230	200-310	185	BT50-LBK7-100	BMB200	7	230	100	88	11.8
-280		235	-150			280	150		13.5
-330		285	-200			330	200		15
-380		335	-250			380	250		16
-430		385	-300			430	300		17
-480		435	-350			480	350		19
-530		485	-400			530	400		21
-580		535	-450			580	450		24.1
-630		585	-500			630	500		25.7
BT50-BMB300-230	300-410	185	BT50-LBK7-100	BMB300		230	100		12.7
-280		235	-150			280	150		14.4
-330		285	-200			330	200		15.9
-380		335	-250			380	250		16.9
-430		385	-300			430	300		17.9
-480		435	-350			480	350		19.9
-530		485	-400			530	400		21.9
-580		535	-450			580	450		25
-630		585	-500			630	500		26.6
BT50-BMB400-230	400-510	185	BT50-LBK7-100	BMB400		230	100		13.6
-280		235	-150			280	150		15.3
-330		285	-200			330	200		16.8
-380		335	-250			380	250		17.8
-430		385	-300			430	300		18.8
-480		435	-350			480	350		20.8
-530		485	-400			530	400		22.8
-580		535	-450			580	450		25.9
-630		585	-500			630	500		27.5
BT50-BMB500-230	500-610	185	BT50-LBK7-100	BMB500		230	100		14.5
-280		235	-150			280	150		16.2
-330		285	-200			330	200		17.7
-380		335	-250			380	250		18.7
-430		385	-300			430	300		19.7
-480		435	-350			480	350		21.7
-530		485	-400			530	400		23.7
-580		535	-450			580	450		26.8
-630		585	-500			630	500		28.4
BT50-BMB600-190	600-710	173	BT50-FMA.47.625-75	BMB600	FMA47.625	190	75	128	19.4
-BMB700-190	700-810			BMB700					20.4
-BMB800-190	800-910			BMB800		190			21.4
-BMB900-190	900-1010			BMB900					22.8

·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.

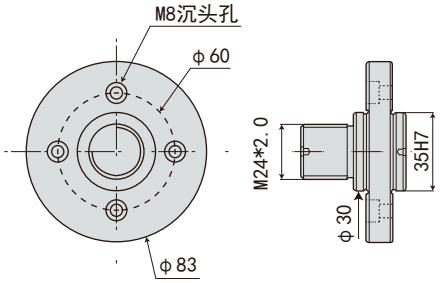
使用者注意事项 /Notices of The User

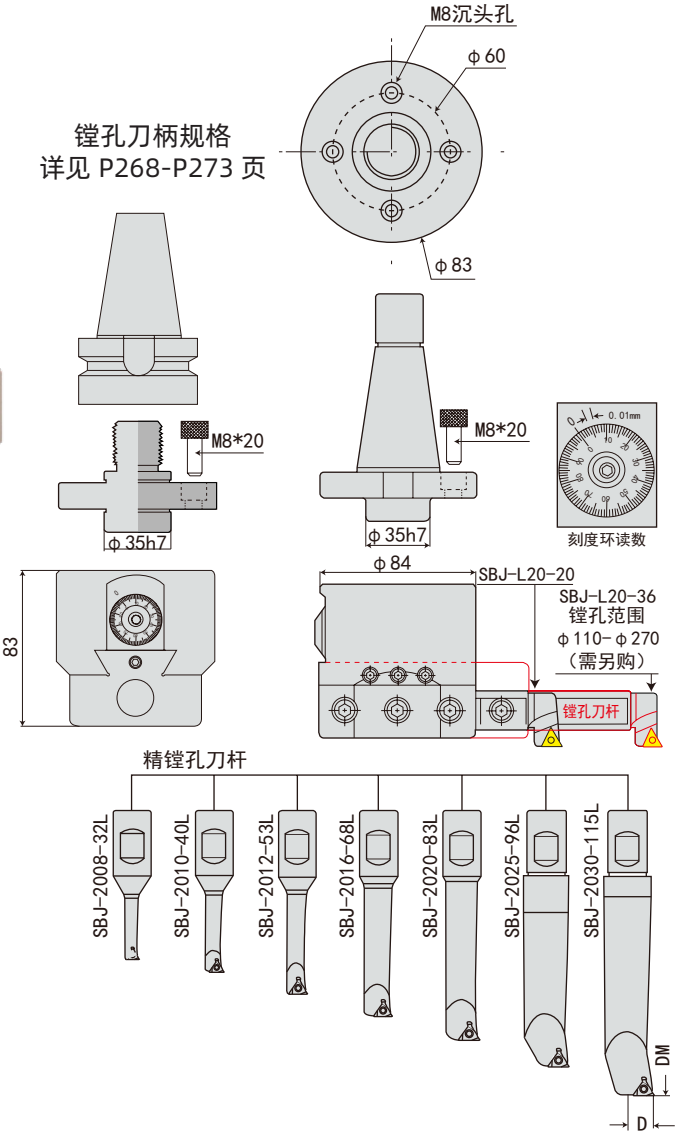
1. 请使用在加工范围内。
2、当滑座在已锁紧状态下，请勿旋转调整旋钮，否则会导致调整机构被破坏。
3. 滑座之固定，请使用专用扳手，固定座体与滑座配合 2 枚 M8 螺丝，过度锁紧会导致座体移位，过松会造成精度不良。
4、本产品是由精密螺丝、移动滑座旋转调整旋钮，在阻力很大或无法转动时，请停止调整，并确认以下事项：
①导向轴固定螺丝是否松开。
②是否超出调整范围。
③当过度旋转调整旋钮时，会导致调整螺杆与 T 型螺母卡死，以致滑座脱落，导致镗头精度被破坏。

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







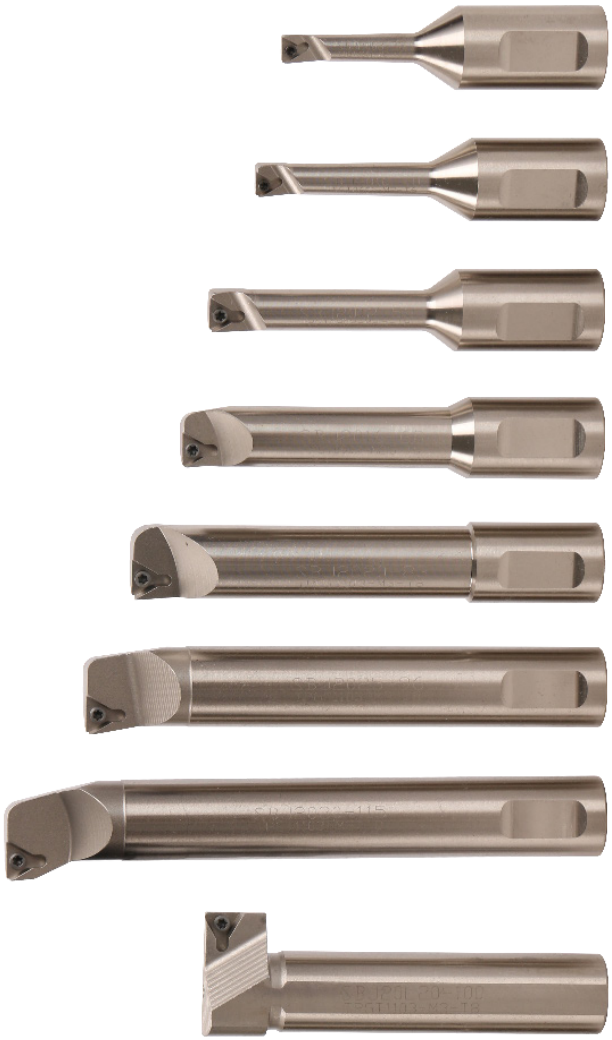


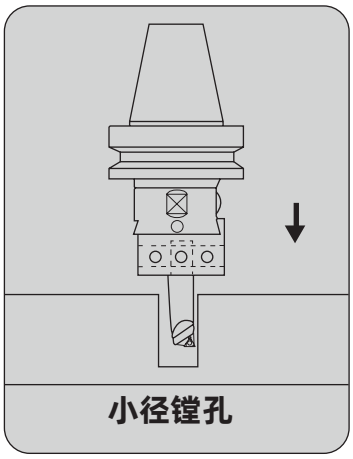
型号 Cat.No	镗孔范围 Boring Range	调整精度 Tuning precision	调整行程 Stroke	重量 KGS
NBH2084	φ8-φ280	φ0.01mm/ 格	28.0mm	3.0

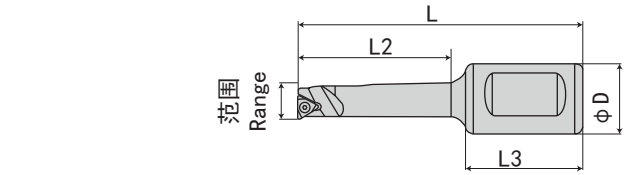
·NBH2084 微调精镗头套装 NBH2084 FINE-TUNING BORING HEAD

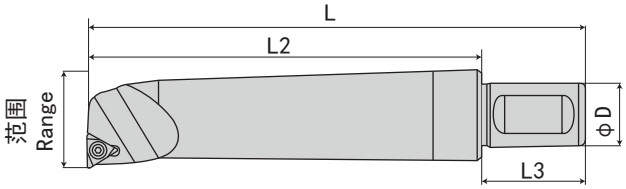
规格 / 型号 Model	镗孔范围 Boring Range	组合系统 - 主轴柄规格	重量 KGS
R8-NBH2084	08-280	R8-UNF7/16-20NBH2084	10.0
NT30-NBH2084		DIN2080 ISO30M12-NBH2084	8.0
NT40-NBH2084		DIN2080 ISO 40M-16-NBH2084	9.5
NT50-NBH2084		DIN2080 ISO50M24-NBH2084	10.8
BT30-NBH2084		MAS403 BT30-NBH2084	8.0
BT40-NBH2084		MAS403 BT40-NBH2084	9.5
BT50-NBH2084		MAS403 BT50-NBH2084	12.0
MTA3-NBH2084		MTA3-NBH2084	8.5
MTA4-NBH2084		MTA4-NBH2084	8.5
MTA5-NBH2084		MTA5-NBH2084	9.5
MTA6-NBH2084		MTA6-NBH2084	10.5
MTB3-NBH2084		MTB3-NBH2084	8.0
MTB4-NBH2084		MTB4-NBH2084	8.5
MTB5-NBH2084		MTB5-NBH2084	9.5

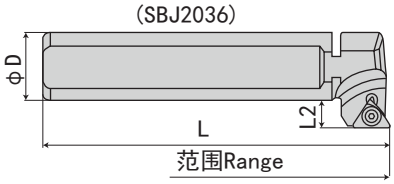
·NBH2084 替换式镗孔刀杆 NBH2084 INTERCHANGEABLE BORING CUTTER











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		10-13	87	40					
SBJ2012-53L		12-17	98	53			TPGH090202 TPGH090204	SB-2TR-M2.5*6.0	T8
SBJ2016-68L		16-21	110	68					
SBJ2020-83L		20-130	123	83					
SBJ2025-96L		25-135	137	96					
SBJ2030-115L		30-140	152	115					
SBJ20-20-100L		120-280	97	100					
SBJ2020-150L(加长)		20-130	190	150		11°	TPGH110302 TPGH110304	SB-3TR-M3*8.0	T10
-200L(加长)		20-130	240	200					
SBJ2025-150L(加长)		25-135	191	150					
-200L(加长)		25-135	241	200					
SBJ2030-150L(加长)		30-140	187	150					
-200L(加长)		30-140	237	200					
SBJ20-20-180L (加长)		120-280	177	180					

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 1600ыm 为宜

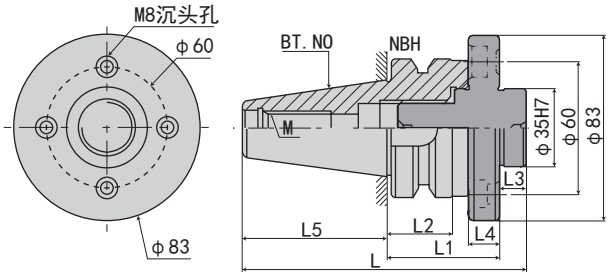
Features:

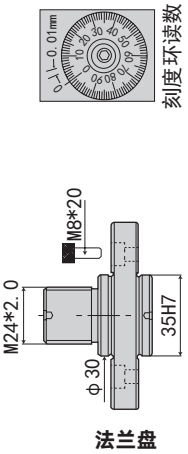
◎ NBH2084 is a small diameter boring system in which diameter size ranges from 8-280mm.
◎ The minimum dial is 0.001mm with semi diameter 0005mm.
◎ While moving in small scope,the highest speed < 1600rpm.

·BT-NBH2084A 镗孔组合刀柄

BT-NBH2084A BORING SYSTEM





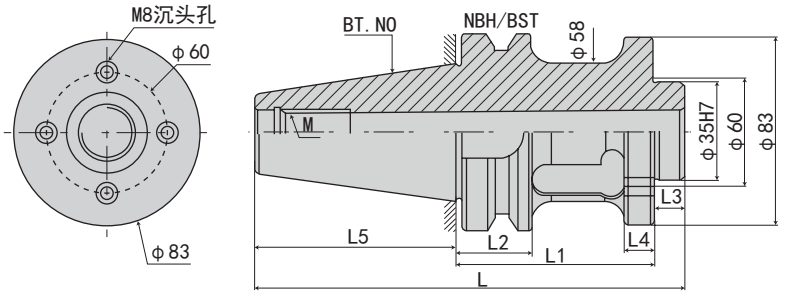


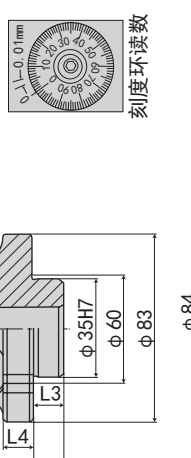
规格 / 型号 Model	BT.NO	L	L1	L2	L3	L4	L5	M	重量 KGS
BT30-NBH2084A	BT30	106.4	46	20	12	14	48.4	M12*1.75P	1.2
BT40-NBH2084A	BT40	128.4	51	25			65.4	M16*2.0P	1.6
BT50-NBH2084A	BT50	170.8	57	35			101.8	M24*3.0P	4.3

·BT-NBH2084B 镗孔组合刀柄

BT-NBH2084B BORING SYSTEM





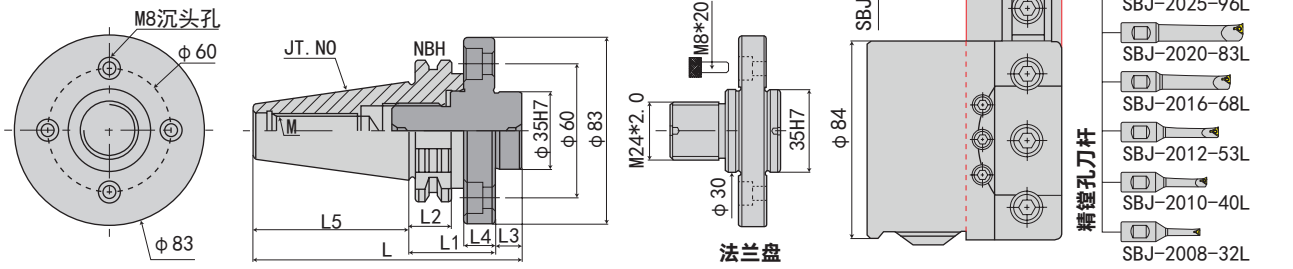


规格 / 型号 Model	BT.NO	L	L1	L2	L3	L4	L5	M	重量 KGS
BT40-NBH2084B-100	BT40	177.4	100	25	12	14	65.4	M16*2.0P	2.42
-150		227.4	150						2.9
BT50-NBH2084B-100	BT50	213.8	100	35			101.8	M24*3.0P	5.22
-165		278.8	165						6.42
-200		313.8	200						7.62
-250		363.8	250						8.5
-300		413.8	300						9.67

·JT-NBH2084A 镗孔组合刀柄

JT-NBH2084A BORING SYSTEM



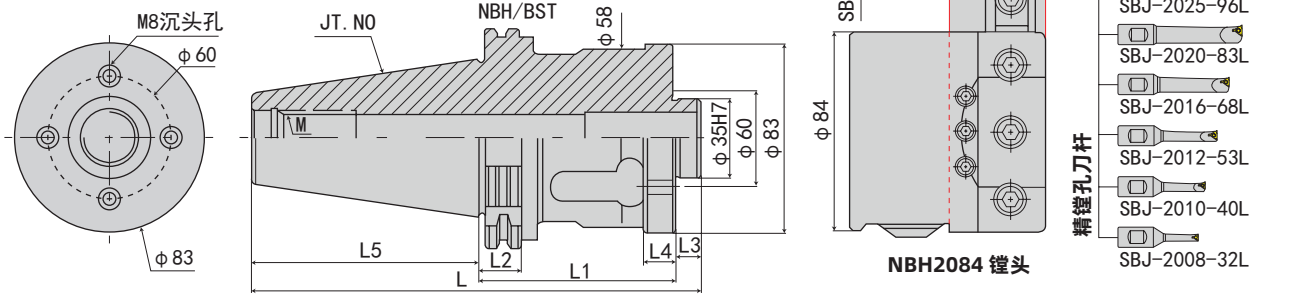


规格 / 型号 Model	JT.NO	L	L1	L2	L3	L4	L5	M	重量 KGS
JT30-NBH2084A	JT30	109.8	50	16	12	14	47.8	M12*1.75P	1.4
JT40-NBH2084A	JT40	130.4					68.4	M16*2.0P	2.0
JT50-NBH2084A	JT50	163.75					101.75	M24*3.0P	4.2

·JT-NBH2084B 镗孔组合刀柄

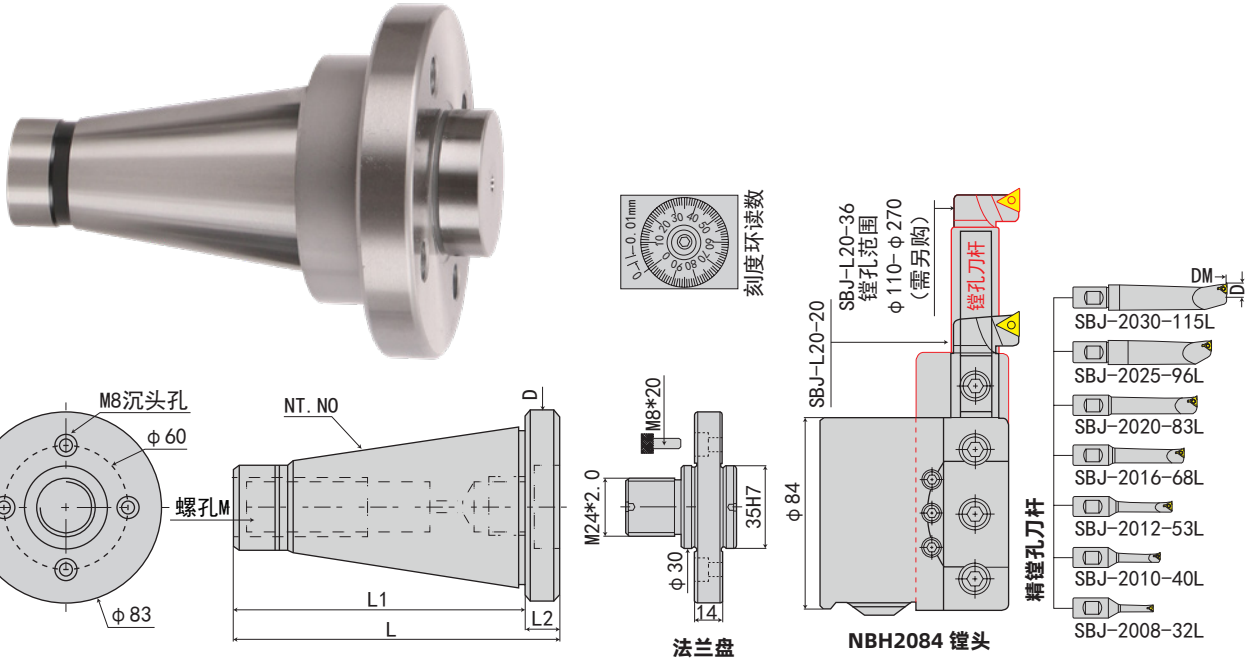
JT-NBH2084B BORING SYSTEM





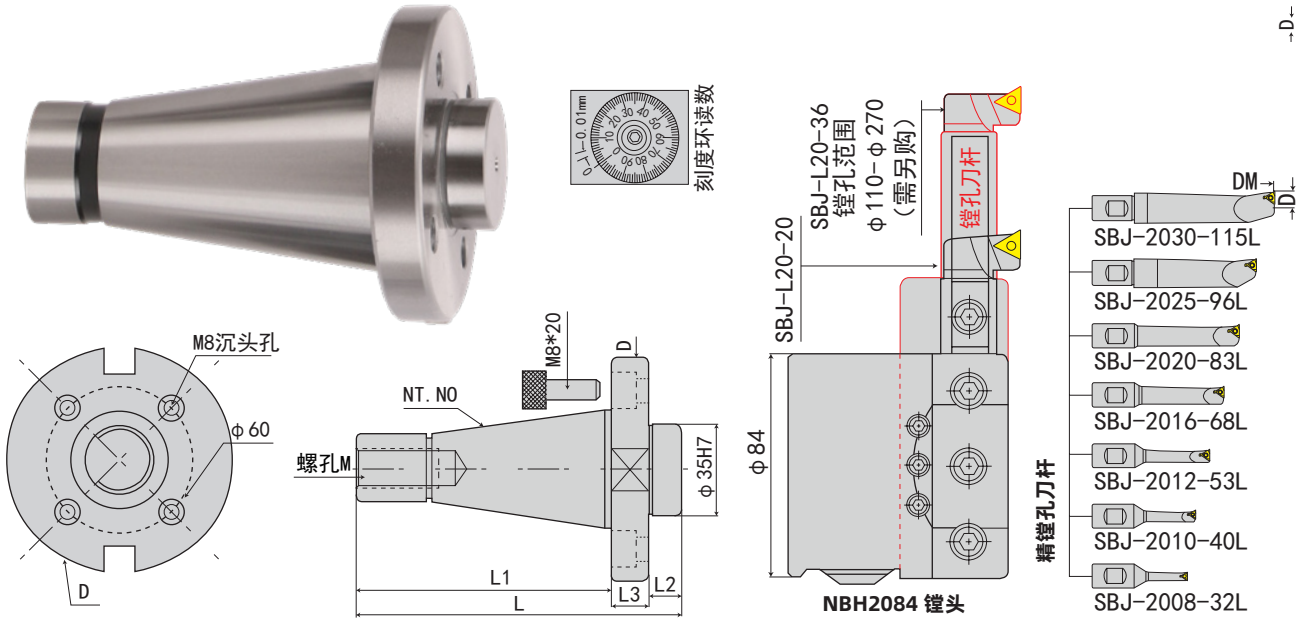
规格 / 型号 Model	JT.NO	L	L1	L2	L3	L4	L5	M	重量 KGS
JT40-NBH2084B-100	JT40	180.4	100	16	12	14	68.4	M16*2.0P	2.42
-150		230.4	150						2.9
JT50-NBH2084B-100	JT50	213.75	100				101.75	M24*3.0P	5.22
-165		278.75	165						6.42
-200		313.75	200						7.62
-250		363.75	250						8.5
-300		413.75	300						9.67

·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

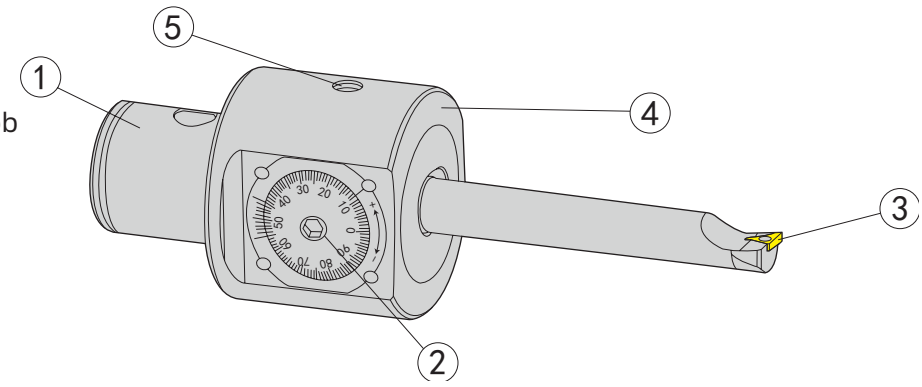
·NT-NBH2084C 镗孔组合刀柄 NT-NBH2084C BORING SYSTEM



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

·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。

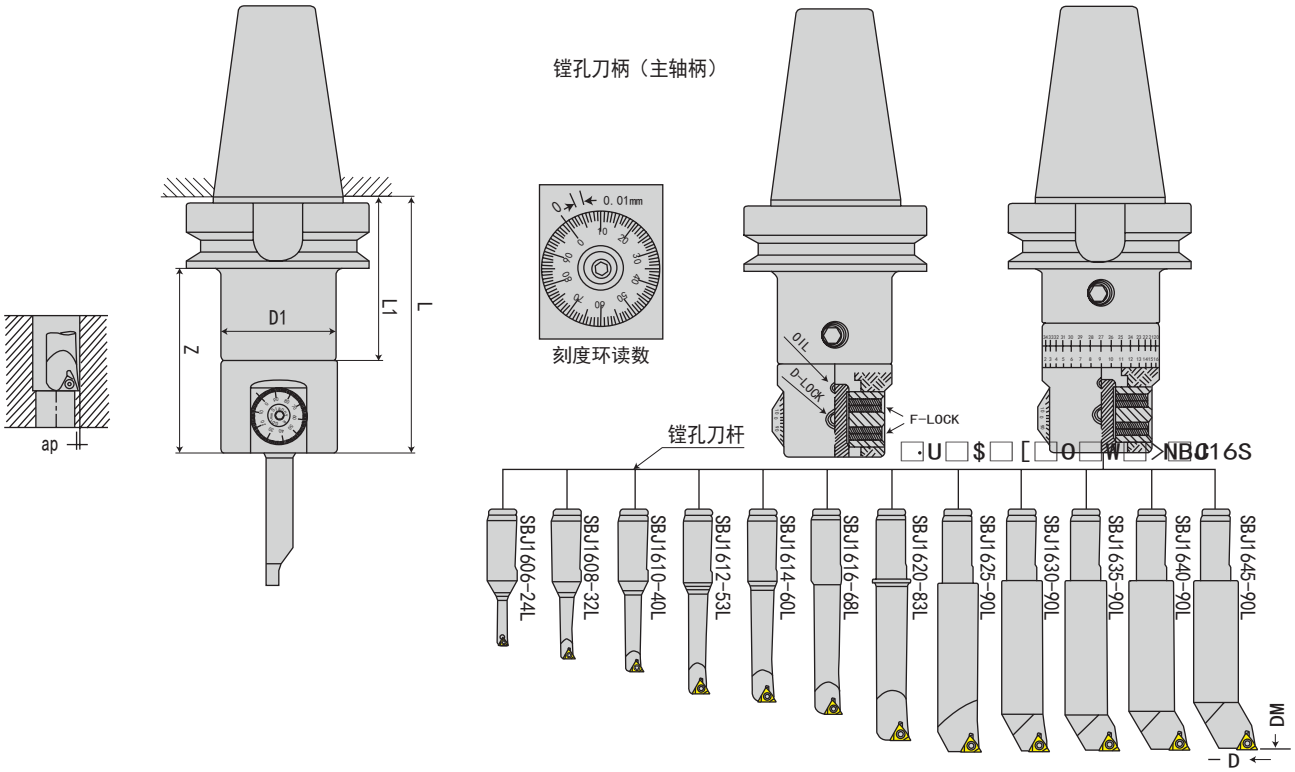
1Using in the processing rangeϕ11mm.
2Do not rotate the adjustment knob when the slide is tightly locked,or the adjusting mechanism will be destroyed.
3Please use special wrench to fix the slide with three M10 screws,too much force will be axis-oriented shift, on the contrary,there will be accuracy of 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.

·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-NBJ16-110	0-5	88	BT30-LBK6-60	NBJ16	8-50mm	LBK6	110	60	64	16	2.4
BT40-NBJ16-115		88	BT40-LBK6-65				115	65			2.7
BT50-NBJ16-145		107	BT50-LBK6-95				145	95			5.9
JT30-NBJ16-110		91	JT30-LBK6-60				110	60			2.4
JT40-NBJ16-115		96	JT40-LBK6-65				115	65			2.7
JT50-NBJ16-145		126	JT50-LBK6-95				145	95			5.9
NT30-NBJ16-110		95	NT30-LBK6-60				110	60			2.4
NT40-NBJ16-115		100	NT40-LBK6-65				115	65			2.7
NT50-NBJ16-145		130	NT50-LBK6-95				145	95			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.

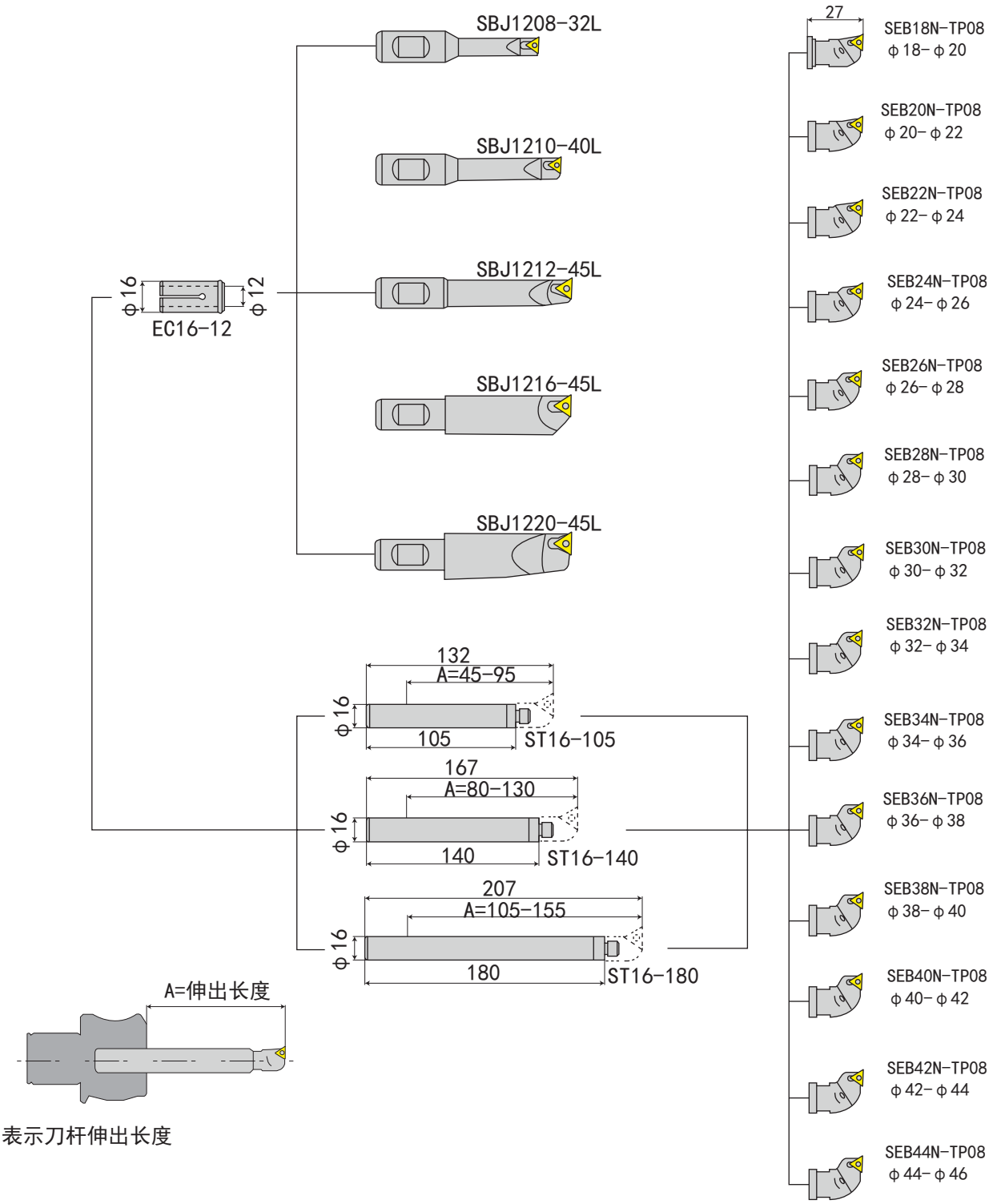
◎ While moving in small scope,the highest speed ＜ 1600rpm.

·NBJ16 镗刀组合系统（小径精镗系列）

NBJ16 SMALL DIAMETER FINE BORING HEAD

加工范围 ϕ8-ϕ50

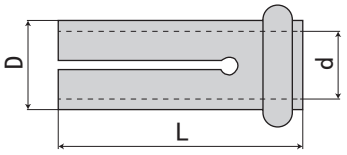
（加工范围 ϕ2-ϕ8，请选择另购进口极小径硬质合金镗杆）



A：表示刀杆伸出长度

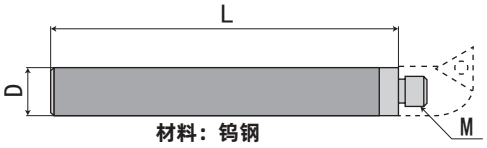
·EC 钨钢刀杆专用筒夹 EC COLLET FOR SOLID CARBIDE BORING BAR

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	-
-08		8		ST08/HC08
-10		10		ST10/HC10
-12		12		ST12/HC12
-14		14		ST14/HC14



·ST 抗震钨钢刀杆 ST ANTI-SHAKING SOLID CARBIDE BORING BAR





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
-135L		135			
-160L		160			
ST12-W6 -135L	12	135			EC16-12
-W10-165L		165	M10*1.25P	SEB18N--SEB50N	
ST16-W10-105L	16	105			-
-140L		140			-
-180L		180			-

特点：

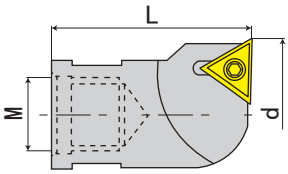
注：
◎镗孔深度不得超过孔径六倍

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



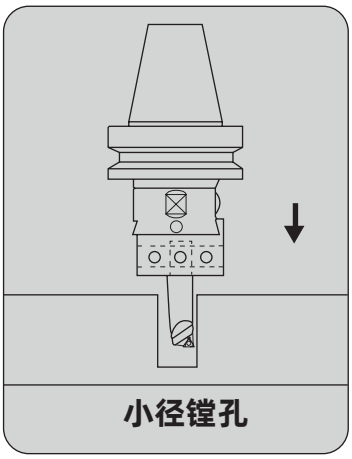


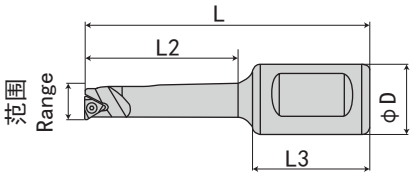
规格 / 型号 Model	外形尺寸			镗孔范围 Boring Range		刀片型号 Insert	螺丝 Screw	扳手 Wrench
	d	L	M	Min	Max			
SEB09N-TP08	9	18	M5*0.8P	9	11	TPGH080202	M2.2*5	T6
SEB11N-TP08	11	18	M5*0.8P	11	12	TPGH080202	M2.2*5	T6
SEB12N-TP08	12	23	M6*1.0P	12	14	TPGH080202	M2.2*5	T6
SEB14N-TP08	14	23	M6*1.0P	14	16	TPGH080202	M2.2*5	T6
SEB16N-TP08	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

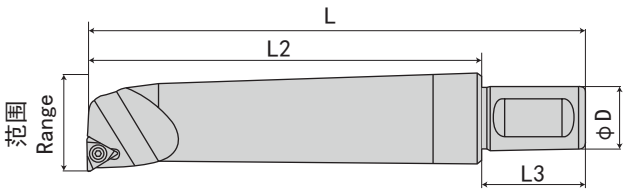
·NBJ16 替换式镗孔刀杆

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		8-11	80	32			TBGT060102	M2*5.0	
SBJ1610-40L		10-13	87	40					
SBJ1612-53L		12-15	98	53			TPGH090202	M2.5*6.0	T8
SBJ1614-60L		14-17	105	60					
SBJ1616-68L		16-21	110	68					
SBJ1620-83L		20-26	125	83					
SBJ1625-90L		25-31	128	90		11°	TPGH110304	M3*8.0	
SBJ1630-90L		30-36							
SBJ1635-90L		35-41							
SBJ1640-90L		40-46							
SBJ1645-90L		45-51							
SBJ1616-150L(加长)		16-21	192	150			TPGH090202	M2.5*6.0	
SBJ1620-150L(加长)		20-26					TPGH110304	M3*8.0	
SBJ1625-150L(加长)		25-31	188						
SBJ1630-150L(加长)		30-36							

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.

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

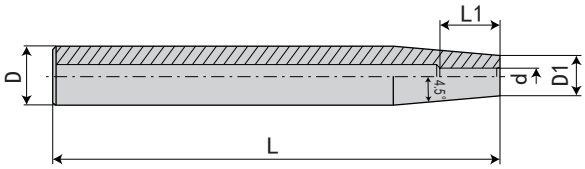
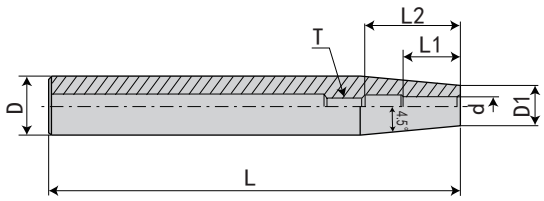




FIG.2



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
-160	160	12	*	12	8	3	*	1	0.13
-200	200	12	*	12	8	3	*	1	0.17
-SF04-120	120	16	*	12	8	4	*	1	0.09
-160	160	16	*	12	8	4	*	1	0.13
-200	200	16	*	12	8	4	*	1	0.17
-SF05-120	120	18	*	12	10	5	*	1	0.09
-160	160	18	*	12	10	5	*	1	0.13
-SF06-120	120	26	36	12	10	6	M5*0.8P	2	0.17
-160	160	26	36	12	10	6	M5*0.8P	2	0.1
-SF08-120	120	26	36	12	12	8	M6*1.0P	2	0.14
-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

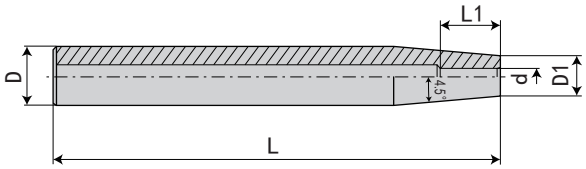
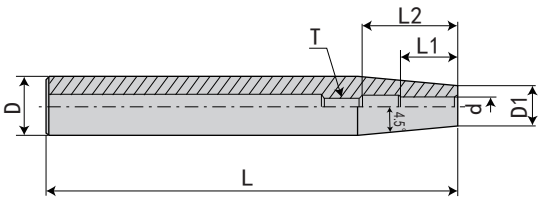




FIG.2



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
-160	160	12	*	16	10	3	*	1	0.21
-200	200	12	*	16	10	3	*	1	0.24
-SF04-120	120	16	*	16	10	4	*	1	0.18
-160	160	16	*	16	10	4	*	1	0.21
-200	200	16	*	16	10	4	*	1	0.24
-SF05-120	120	18	*	16	10	5	*	1	0.18
-160	160	18	*	16	10	5	*	1	0.21
-200	200	18	*	16	10	5	*	1	0.24
-SF06-120	120	26	36	16	10	6	M5*0.8P	2	0.18
-160	160	26	36	16	10	6	M5*0.8P	2	0.21
-200	200	26	36	16	10	6	M5*0.8P	2	0.24
-SF08-120	120	26	36	16	12	8	M6*1.0P	2	0.18
-160	160	26	36	16	12	8	M6*1.0P	2	0.21
-200	200	26	36	16	12	8	M6*1.0P	2	0.24
-SF10-120	120	32	42	16	14	10	M8*1.0P	2	0.18
-160	160	32	42	16	14	10	M8*1.0P	2	0.21
-200	200	32	42	16	14	10	M8*1.0P	2	0.24

·直柄热缩延长杆（4.5°标准型）

STRAIGHT HEAT SHRINKABLE EXTENSION ROD（4.5 STANDARD VERSION）



FIG.1

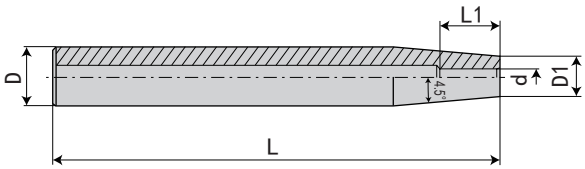
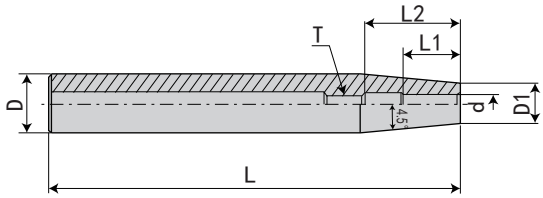




FIG.2

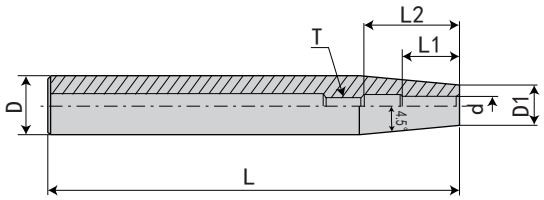


规格 Model	L	L1	L2	D	D1	d	T	FIG	重量 KG
C20-SF03-120	120	12	*	20	10	3	*	1	
-160	160	12	*	20	10	3	*	1	0.35
-200	200	12	*	20	10	3	*	1	
-SF04-120	120	16	*	20	10	4	*	1	
-160	160	16	*	20	10	4	*	1	0.32
-200	200	16	*	20	10	4	*	1	
-SF05-120	120	18	*	20	14	5	*	1	
-160	160	18	*	20	14	5	*	1	0.3
-200	200	18	*	20	14	5	*	1	
-SF06-120	120	26	36	20	14	6	M5*0.8P	2	0.18
-160	160	26	36	20	14	6	M5*0.8P	2	0.31
-200	200	26	36	20	14	6	M5*0.8P	2	0.44
-SF06-250	250	26	36	20	14	6	M5*0.8P	2	0.57
-300	300	26	36	20	14	6	M5*0.8P	2	0.69
-SF08-120	120	26	36	20	14	8	M6*1.0P	2	0.15
-160	160	26	36	20	14	8	M6*1.0P	2	0.28
-200	200	26	36	20	14	8	M6*1.0P	2	0.41
-250	250	26	36	20	14	8	M6*1.0P	2	0.53
-300	300	26	36	20	14	8	M6*1.0P	2	0.66
-SF10-120	120	32	42	20	14	10	M8*1.0P	2	0.13
-160	160	32	42	20	14	10	M8*1.0P	2	0.26
-200	200	32	42	20	14	10	M8*1.0P	2	0.39
-250	250	32	42	20	14	10	M8*1.0P	2	0.51
-300	300	32	42	20	14	10	M8*1.0P	2	0.62
-SF12-120	120	37	47	20	16	12	M10*1.0P	2	0.11
-160	160	37	47	20	16	12	M10*1.0P	2	0.24
-200	200	37	47	20	16	12	M10*1.0P	2	0.37
-250	250	37	47	20	16	12	M10*1.0P	2	0.49
-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）



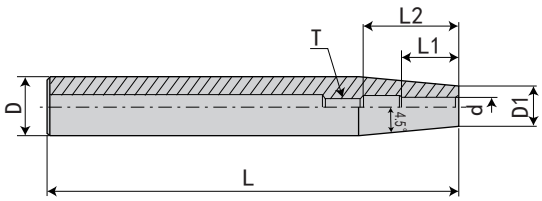


规格 Model	L	L1	L2	D	D1	d	T	重量 KG
C25-SF06-160	160	26	36	25	19	6	M5*0.8P	0.51
-200	200	26	36	25	19	6	M5*0.8P	0.68
-250	250	26	36	25	19	6	M5*0.8P	0.85
-300	300	26	36	25	19	6	M5*0.8P	1
-SF08-160	160	26	36	25	19	8	M6*1.0P	0.49
-200	200	26	36	25	19	8	M6*1.0P	0.66
-250	250	26	36	25	19	8	M6*1.0P	0.83
-300	300	26	36	25	19	8	M6*1.0P	0.98
-SF10-160	160	32	42	25	20	10	M8*1.0P	0.45
-200	200	32	42	25	20	10	M8*1.0P	0.62
-250	250	32	42	25	20	10	M8*1.0P	0.79
-300	300	32	42	25	20	10	M8*1.0P	0.94
-SF12-160	160	37	47	25	20	12	M10*1.0P	0.43
-200	200	37	47	25	20	12	M10*1.0P	0.6
-250	250	37	47	25	20	12	M10*1.0P	0.77
-300	300	37	47	25	20	12	M10*1.0P	0.92
-SF14-160	160	37	47	25	20	14	M10*1.0P	0.37
-200	200	37	47	25	20	14	M10*1.0P	0.55
-250	250	37	47	25	20	14	M10*1.0P	0.72
-300	300	37	47	25	20	14	M10*1.0P	0.87
-SF16-160	160	40	50	25	22	16	M12*1.0P	0.37
-200	200	40	50	25	22	16	M12*1.0P	0.55
-250	250	40	50	25	22	16	M12*1.0P	0.72
-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）





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



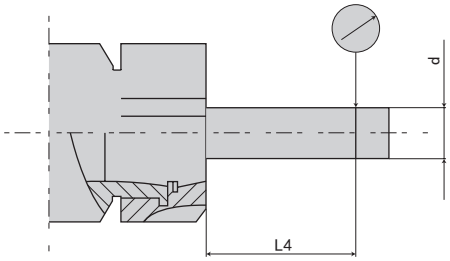
特点：

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.

精度检测 INSPECTION OF ACCURACY



型号 Model No.	L4	d	径向跳动 Run out
ER8	12	3	≤ 0.008
ER11	15	5	≤ 0.008
ER16	24	6	≤ 0.008
ER20	32	8	≤ 0.008
ER25	48	12	≤ 0.008
ER32	64	16	≤ 0.008
ER40	80	20	≤ 0.008
ER50	100	25	≤ 0.008

精湛的加工工艺 SUPER MACHING TECHNOLOGY

深冷处理：

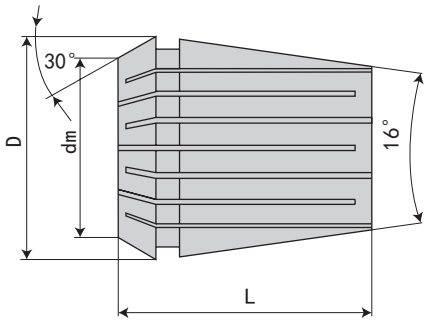
注：
◎ -185℃超长深冷处理，使接近全部的残余奥氏体转变为马氏体
◎析出的纳米级碳化物颗粒，增加硬度和韧性
◎减少残余应力
◎耐磨性显著提高
◎≥ 100h 超长定型热时效去除磨加工时的残余内应力

Features:

◎ -185 ℃ 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.

·高精度 ER 弹性筒夹 HIGH-PRECISION ER COLLET

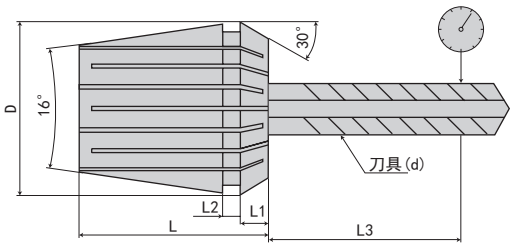




卡簧	ER8	ER11	ER16	ER20	ER25	ER32	ER40	ER50
dm 夹持范围	L/D	L/D	L/D	L/D	L/D	L/D	L/D	L/D
	13.5/8.45	18.5/11.5	27.5/17.0	31.5/21.0	34.0/26.0	40.0/33.0	46.0/41.0	60.0/51.0
1.0-0.5	ER8-1.0	ER11-1.0	ER16-1.0	ER20-1.0	ER25-1.0	ER32-1.0	ER40-1.0	
1.5-1.0	ER8-1.5	ER11-1.5	ER16-1.5	ER20-1.5	ER25-1.5	ER32-1.5	ER40-1.5	
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 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

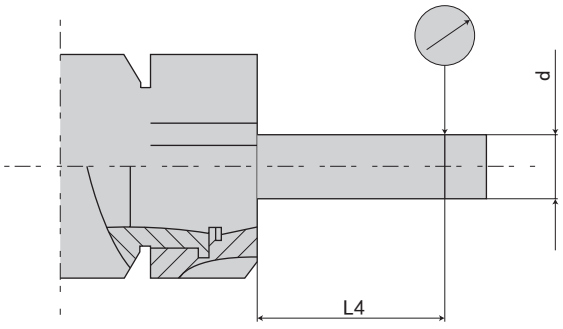
特点：

◎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/cm^2.
◎ 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：

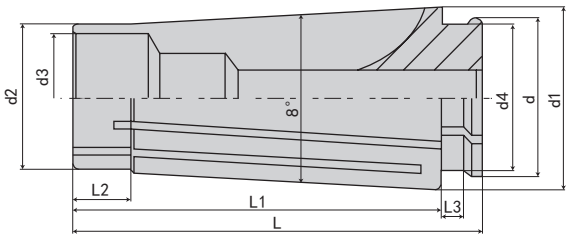
注：
◎ -185℃超长深冷处理，使接近全部的残余奥氏体转变为马氏体
◎析出的纳米级碳化物颗粒，增加硬度和韧性
◎减少残余应力
◎耐磨性显著提高
◎≥ 100h 超长定型热时效去除磨加工时的残余内应力

Features:

◎ -185 ℃ 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.

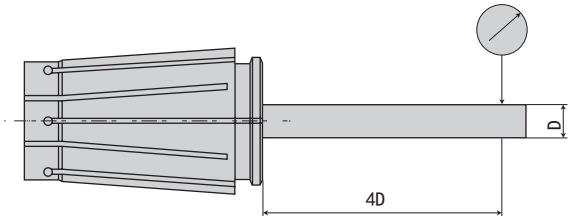
·GSK 高速筒夹系列 GSK HIGH SPEED COLLET SERIES





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		

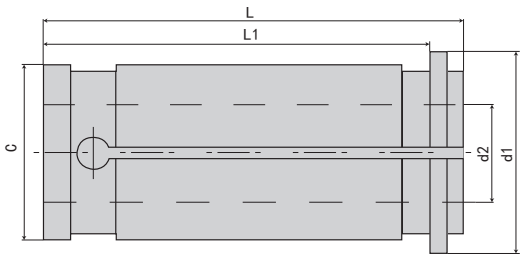


L	径向跳动（Run out）	
	A 级（A class）	AA 级（A A class）
4XD	≤ 0.01	≤ 0.008

◎**材质：SUJ2** ◎ Material:SUJ2
◎**热处理硬度：HRC44-48** ◎ Hardness:HRC44-48

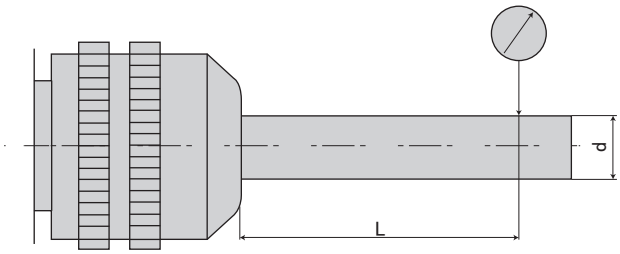
·C 型强力直柄筒夹 C STRAIGHT COLLET





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：

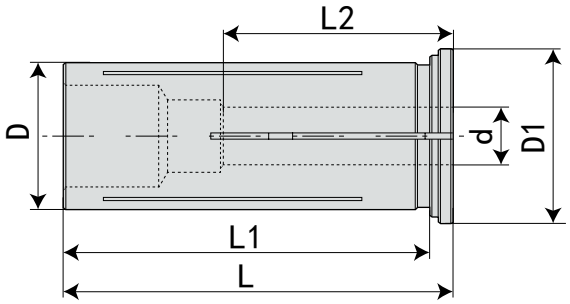
◎材质：SUJ-2
◎硬度：HRC44-48
◎偏摆精度：≤ 0.01mm
◎限定夹持与孔径相同之刀具柄径
◎筒夹不具备弹性收缩范围，强调夹持力
◎刀具置入筒夹必须超过内孔有效夹持长度，以达到有效夹持
◎共有两种精度等级：高精级 0.01 mm 及普通级 0.015mm
◎订购时请告知所须精度等级

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.

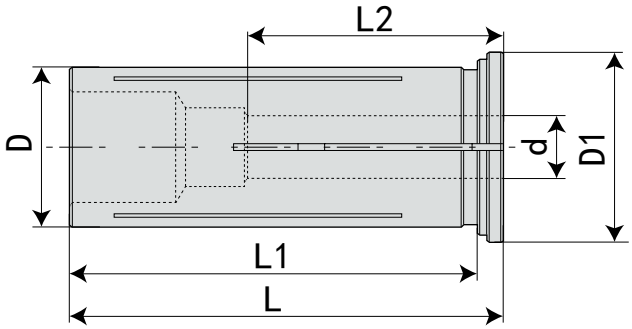
·液压筒夹（标准型）　HYDRAULIC COLLET（STANDARD）





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	

特点：

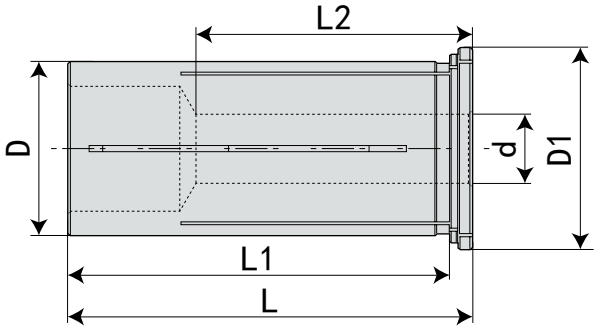
◎材质：50CrV
◎硬度：HRC 55-58
◎偏摆精度：≤ 0.005mm 重复精度佳
◎筒夹具备止水功能
◎筒夹不具备弹性收缩范围，强调夹持力
◎限定夹持与孔径相同之刀具柄径 刀具公差（h6 或 h7）必须正确
◎刀具置入筒夹必须超过内孔有效夹持长度，以达到有效夹持

Features:

◎ Material: 50CrV
◎ Hardness: HRC 55-58
◎ Swinging accuracy: ≤ 0.005mm Repeatability is good
◎ Collet with water sealed function
◎ No elastic shrinkage range of the collet, emphasizing the clamping force.
◎ Limit clamping to the same shank diameter as the hole diameter Tool tolerance (h6 or h7) must be correct.
◎ The tool must be inserted into the collet beyond the effective clamping length of the bore to achieve effective clamping.

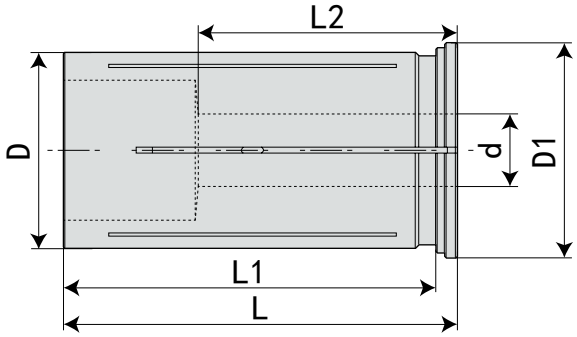
·液压筒夹（标准型） HYDRAULIC COLLET（STANDARD）





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	

特点：

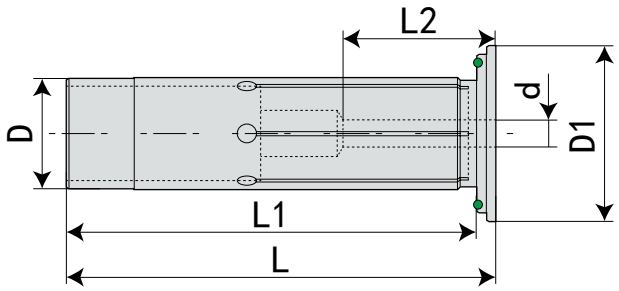
◎材质：50CrV
◎硬度：HRC 55-58
◎偏摆精度：≤ 0.005mm 重复精度佳
◎筒夹具备止水功能
◎筒夹不具备弹性收缩范围，强调夹持力
◎限定夹持与孔径相同之刀具柄径 刀具公差（h6 或 h7）必须正确
◎刀具置入筒夹必须超过内孔有效夹持长度，以达到有效夹持

Features:

◎ Material: 50CrV
◎ Hardness: HRC 55-58
◎ Swinging accuracy: ≤ 0.005mm Repeatability is good
◎ Collet with water sealed function
◎ No elastic shrinkage range of the collet, emphasizing the clamping force.
◎ Limit clamping to the same shank diameter as the hole diameter Tool tolerance (h6 or h7) must be correct.
◎ The tool must be inserted into the collet beyond the effective clamping length of the bore to achieve effective clamping.

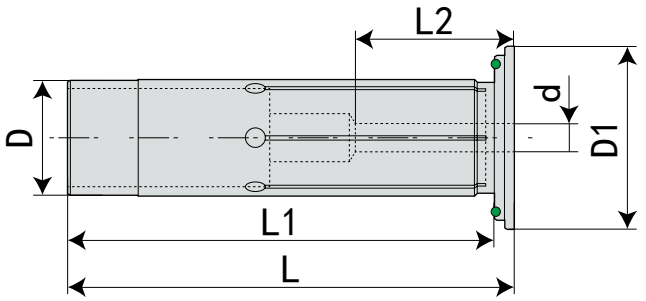
·液压筒夹（止水型）　HYDRAULIC COLLET（SEALED）





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	
HC12-10	48	45.9	48	19	12	10	





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	

特点：

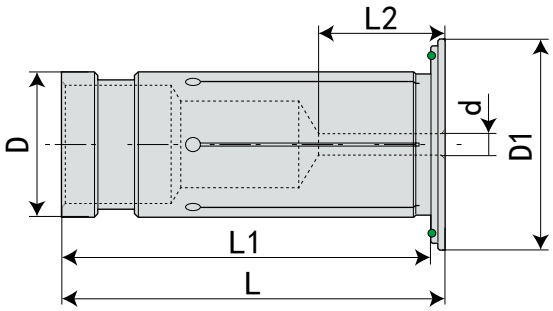
◎材质：50CrV
◎硬度：HRC 55-58
◎偏摆精度：≤ 0.005mm 重复精度佳
◎筒夹具备止水功能
◎筒夹不具备弹性收缩范围，强调夹持力
◎限定夹持与孔径相同之刀具柄径 刀具公差（h6 或 h7）必须正确
◎刀具置入筒夹必须超过内孔有效夹持长度，以达到有效夹持

Features:

◎ Material: 50CrV
◎ Hardness: HRC 55-58
◎ Swinging accuracy: ≤ 0.005mm Repeatability is good
◎ Collet with water sealed function
◎ No elastic shrinkage range of the collet, emphasizing the clamping force.
◎ Limit clamping to the same shank diameter as the hole diameter Tool tolerance (h6 or h7) must be correct.
◎ The tool must be inserted into the collet beyond the effective clamping length of the bore to achieve effective clamping.

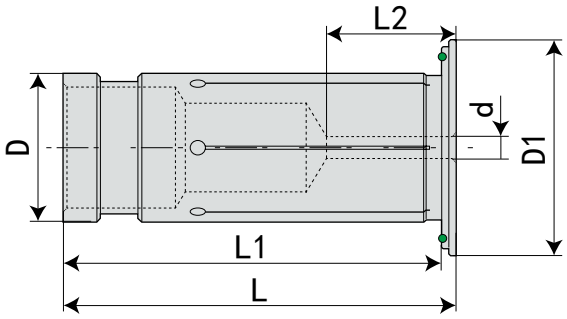
·液压筒夹（止水型） HYDRAULIC COLLET（SEALED）





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	

特点：

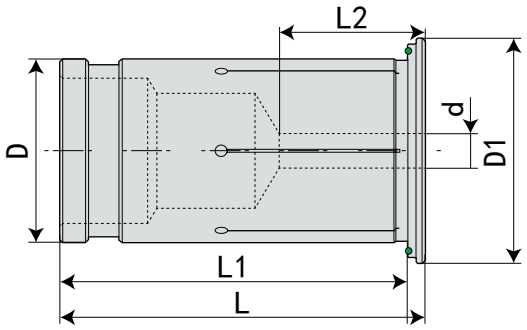
◎材质：50CrV
◎硬度：HRC 55-58
◎偏摆精度：≤ 0.005mm 重复精度佳
◎筒夹具备止水功能
◎筒夹不具备弹性收缩范围，强调夹持力
◎限定夹持与孔径相同之刀具柄径 刀具公差（h6 或 h7）必须正确
◎刀具置入筒夹必须超过内孔有效夹持长度，以达到有效夹持

Features:

◎ Material: 50CrV
◎ Hardness: HRC 55-58
◎ Swinging accuracy: ≤ 0.005mm Repeatability is good
◎ Collet with water sealed function
◎ No elastic shrinkage range of the collet, emphasizing the clamping force.
◎ Limit clamping to the same shank diameter as the hole diameter Tool tolerance (h6 or h7) must be correct.
◎ The tool must be inserted into the collet beyond the effective clamping length of the bore to achieve effective clamping.

·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	

特点：

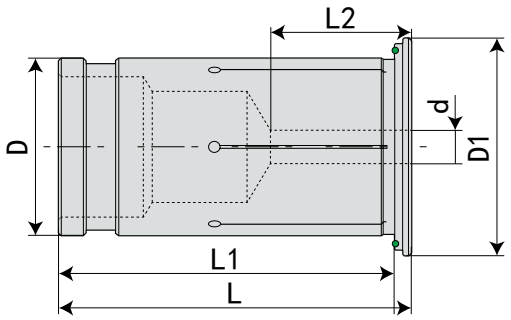
◎材质：50CrV
◎硬度：HRC 55-58
◎偏摆精度：≤ 0.005mm 重复精度佳
◎筒夹具备止水功能
◎筒夹不具备弹性收缩范围，强调夹持力
◎限定夹持与孔径相同之刀具柄径 刀具公差（h6 或 h7）必须正确
◎刀具置入筒夹必须超过内孔有效夹持长度，以达到有效夹持

Features:

◎ Material: 50CrV
◎ Hardness: HRC 55-58
◎ Swinging accuracy: ≤ 0.005mm Repeatability is good
◎ Collet with water sealed function
◎ No elastic shrinkage range of the collet, emphasizing the clamping force.
◎ Limit clamping to the same shank diameter as the hole diameter Tool tolerance (h6 or h7) must be correct.
◎ The tool must be inserted into the collet beyond the effective clamping length of the bore to achieve effective clamping.

·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	

特点：

◎材质：50CrV
◎硬度：HRC 55-58
◎偏摆精度：≤ 0.005mm 重复精度佳
◎筒夹具备止水功能
◎筒夹不具备弹性收缩范围，强调夹持力
◎限定夹持与孔径相同之刀具柄径 刀具公差（h6 或 h7）必须正确
◎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

Features:

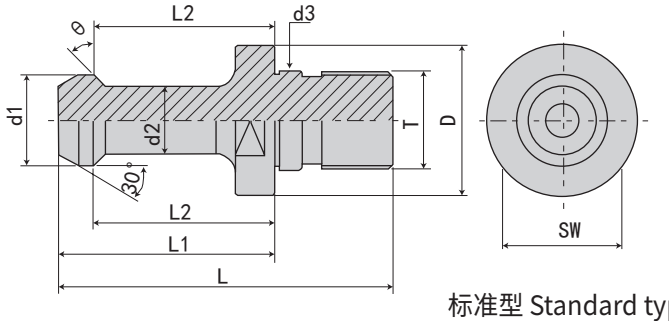
◎ Material: 50CrV
◎ Hardness: HRC 55-58
◎ Swinging accuracy: ≤ 0.005mm Repeatability is good
◎ Collet with water sealed function
◎ No elastic shrinkage range of the collet, emphasizing the clamping force.
◎ Limit clamping to the same shank diameter as the hole diameter Tool tolerance (h6 or h7) must be correct.
◎ The tool must be inserted into the collet beyond the effective clamping length of the bore to achieve effective clamping.

·日本标准拉钉 MAS 403-1975

JAPANESE STANDARD PULL STUD MAS ISO 7388/2-1984


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白牙

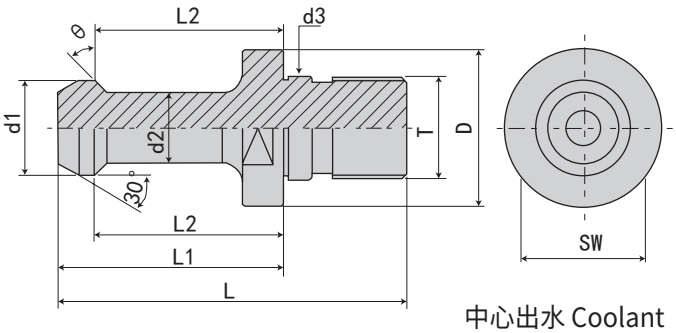


标准型 Standard type

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


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白牙



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

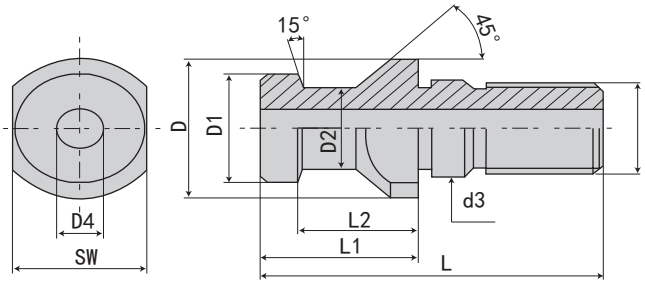


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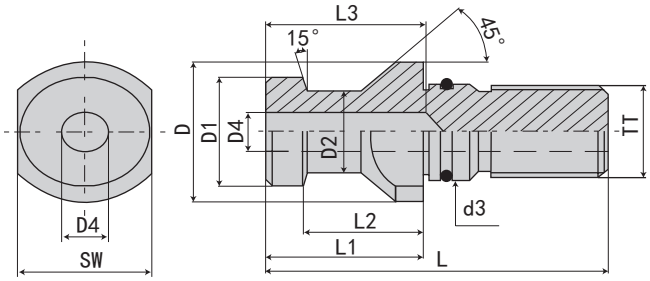


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A: 中心出水 Coolant



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:

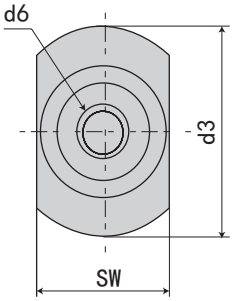
General level Pull stud
◎ Material:40Cr.
◎ Head hardness:46-50HRC.
◎ Thread hardness is a little low;35±5HRC, (Protect shank thread,core hardness can resist hit).
◎ Accuracy:0.02
High-precision Hard Pull stud
◎ Material:20CrMnTi.
◎ Head hardness:55-58HRC.
◎ Thread hardness is a little low;35±5HRC, (Protect shank thread,core hardness can resist hit).
◎ Accuracy:0.01
◎ Please inform the required precision when ordering.

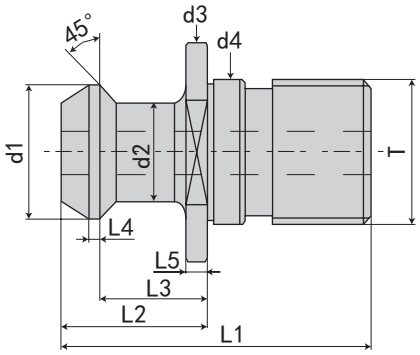
·马扎克、三井系列拉钉 MAZAK MITSUI

Mazak Mitsui serial pull studs MAZAK MITSUI



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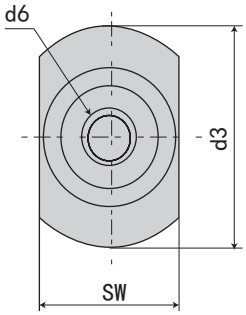
规格 / 型号 Model	d1	d2	d3	d4	T	d6	L1	L2	L3	L4	L5	SW	重量 KGS
MAZAK-BT40	18.8	12.45	22	17	M16	7	44.1	19.1	14.02	2	3	19	0.05
MAZAK-BT50	29	20.83	37	25	M24	10	65.2	25.2	17.7	2.5	5	30	0.18
MAZAK-CAT40	18.8	12.45	22	17	M16	7	41.1	16.1	11	2	3	19	0.05
MITSUI-BT40	15	10	23	17	M16	-	51	25	18	3	6	19	0.06
MITSUI-BT50	24	18	36	25	M24	-	57	31	23	5	10	30	0.19

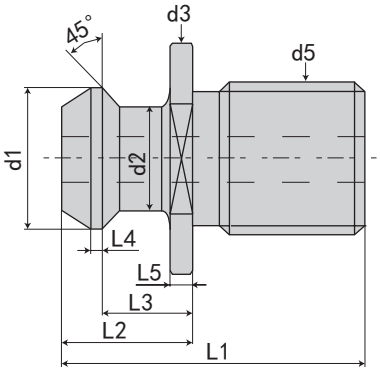
·美国标准拉钉 ANSI/AMSE B5.50-1994

AMERICAN STANDARD PULL STUD ANSI/AMSE B5.50-1994



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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

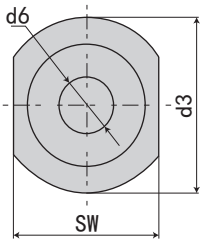
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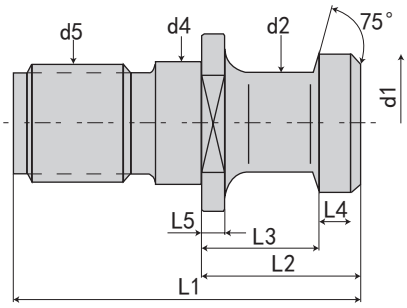
General level Pull stud
◎ Material:40Cr.
◎ Head hardness:46-50HRC.
◎ Thread hardness is a little low;35±5HRC, (Protect shank thread,core hardness can resist hit).
◎ Accuracy:0.02
High-precision Hard Pull stud
◎ Material:20CrMnTi.
◎ Head hardness:55-58HRC.
◎ Thread hardness is a little low;35±5HRC, (Protect 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







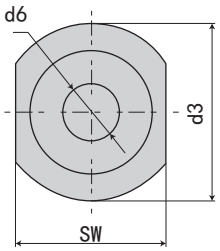
规格 / 型号 Model	d1	d2	d3	d4	d5	d6	L1	L2	L3	L4	L5	SW	重量 KGS
LDA30	12	8	18	13	M12	-	44	24	19	3	4	13	0.04
LDA40	19	14	23	17	M16	-	54	26	20	4	4	19	0.08
LDA40/T	19	14	23	17	M16	7.5	54	26	20	4	4	19	0.06
LDA50	28	21	36	25	M24	-	74	34	25	7	5	30	0.23
LDA50/T	28	21	36	25	M24	11.5	74	34	25	7	5	30	0.2
LDA60	40	30	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

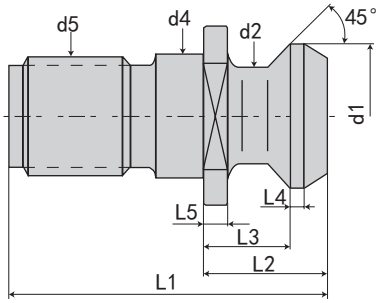
·国际标准拉钉 B 型 ISO 7388/2-1984

INTERNATIONAL STANDARD PULL STUD B TYPE ISO 7388/2-1984



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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

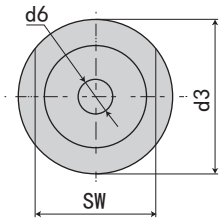
BLENDED STANDARD PULL STUD CAT-BT

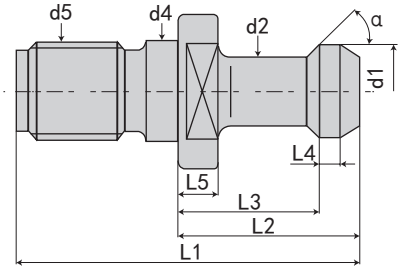


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CT 美制螺纹拉钉 CT AMERICAN STANDARD SCREW THREAD PULLSTUD

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：

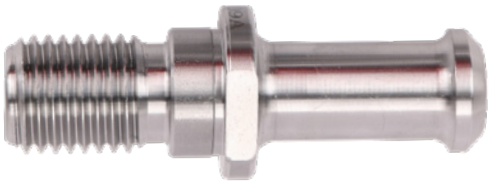
普通级拉钉
◎材质：40Cr
◎头部硬度：46-50HRC
◎螺纹及其它部位硬度较低：35±5HRC，（保护柄螺纹，核心硬度可以抵御冲击）
◎精度：0.02
高精度加硬拉钉
◎材质：20CrMnTi
◎头部硬度：55-58HRC
◎螺纹及其它部位硬度较低：35±5HRC，（保护柄螺纹，核心硬度可以抵御冲击）
◎精度：0.01
◎订购时请告知所须精度等级

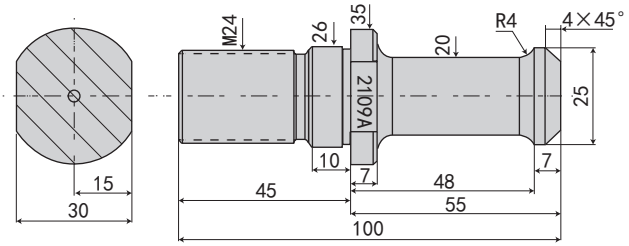
Features:

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

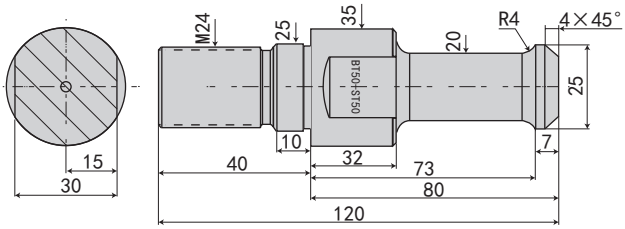
Features:

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：

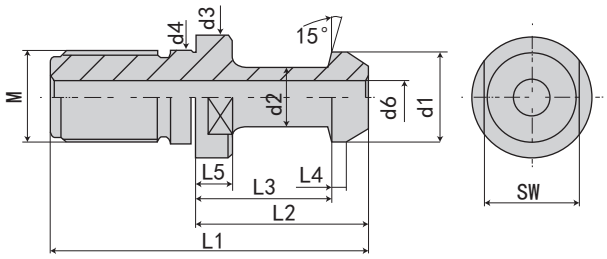
此款拉钉适用于日本标准 BT50; 中国标准 JT50; 德国标准 DIN69872-50 的刀柄，在以下型号的昆机镗床上使用
昆机采用本图拉钉的机床：TX6111D TX6111C/2 TX6111C/3 TX6113A/2

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

·日本 JIS B6339 拉钉 JAPAN JIS B6339 PULL STUD

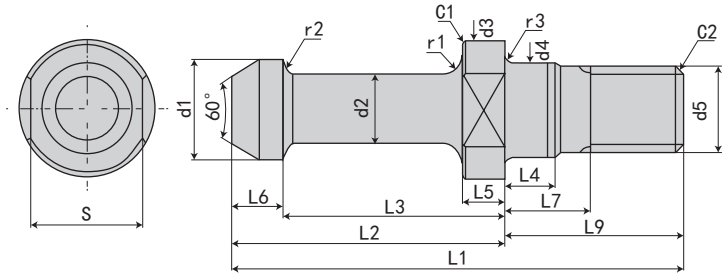




规格 / 型号 Model	d1	d2	d3	d4	M	d6	L1	L2	L3	L4	L5	SW	重量 KGS
30P	12	8	16.5	12.5C	M12*1.75P	-	43	23.4	18.4	3	5	13	0.03
40P	19	14	23	17	M16*2.0P	7	54	29	23	3	7	19	0.08
50P	28	21	38	25	M24*3.0P	10	74	34	25	5	7	30	0.24

·SR 拉钉 SR PULL STUD





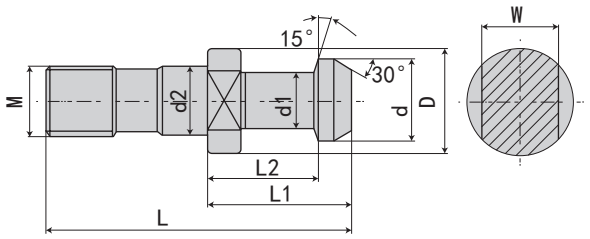
规格 / 型号 Model	L1	d4 h7	d5 6g	C2	r3 (最大)	L4	L7	d3 0 -0.1	r1	L5 0 -0.1	s 0 -0.2	C1
S5R	23.5	5.5	M5	0.5	0.4	3	5	8	1	2.5	7	0.2
S10R	26.5	6.5	M6	0.5	0.4	3	5	10	1.5	3	8	0.3
S15R	32	8.5	M8	1	0.5	4	6	12	1.5	3.5	10	0.4
S20R	34.5	8.5	M8	1	0.5	4	6	14	1.8	4	10	0.5
S25R	40	10.5	M10	1	0.5	4	7	15.5	2	4.5	13	0.5

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



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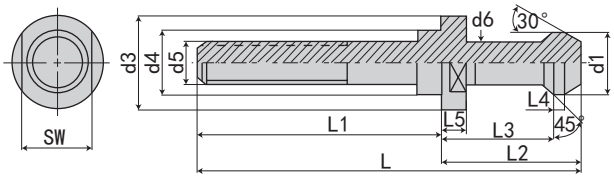


规格 / 型号 Model	D	d	d1	d2	L	L1	L2	W	M
ISO20	11.4	9	6	8.5	26	12	9	10	M8*1.25P
ISO25	12	10	7	9	32	16	11.6	10	M8*1.25P
ISO30	17	13	9	13	45	24	19	14	M12*1.75P

·无扁尾莫氏圆锥孔刀柄加长拉钉

ADAPTOR SLEEVES FOR MORSE TAPER WITHOUT TANG



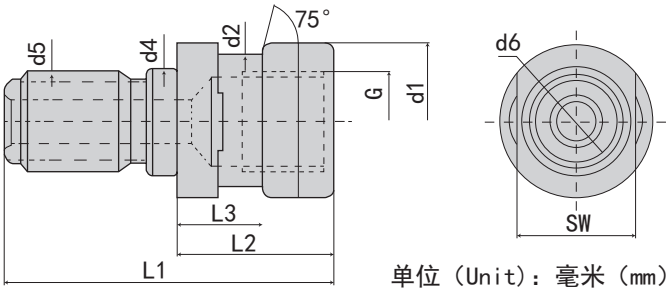


规格 / 型号 Model	d1	d2	d3	d4	d5	d6	L	L1	L2	L3	L4	L5	SW	重量 KGS
BT30-45° -M10	11	7	16.5	12.5	M10	7	90	67	23	18	2	5	13	0.06
BT30-45° -M12	11	7	16.5	12.5	M12	7	90	67	23	18	2	5	13	0.06
BT40-45° -M10	15	10	23	17	M10	10	115	80	35	28	2.7	6	19	0.1
BT40-45° -M12	15	10	23	17	M12	10	115	80	35	28	2.7	6	19	0.1
BT40-45° -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

·OTT 拉钉

OTT PULL STUD



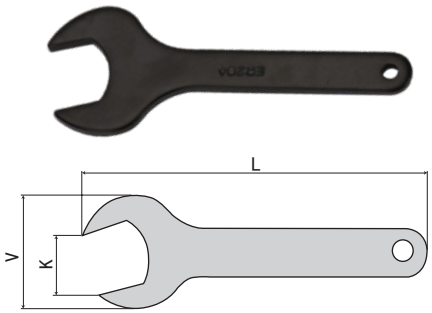


单位（Unit）：毫米（mm）

规格 / 型号 Model	d1	d2	d4	d5	d6	L1	L2	L3	G	SW	重量 KGS
OTT40	25.0	21.1	17.0	M16*2.0P	7.0	53.0	25.1	13.6	M16*2.0P	19	0.09
OTT50	39.6	30.2	25.0	M24*3.0P	7.0	65.1	25.1	13.3	M24*3.0P	30	0.17

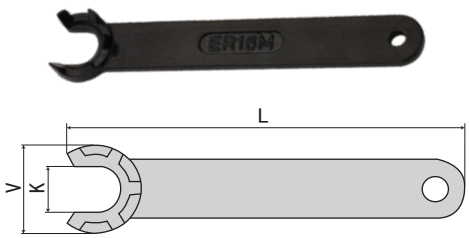
· 扳 手 SPANNER

ER-A 型扳手 ER-A SPANNER



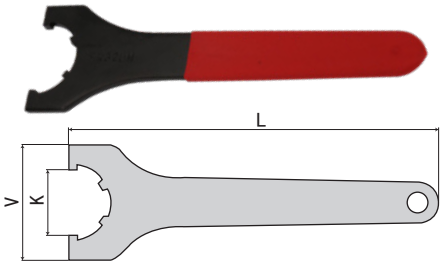
规格 / 型号 Model	螺帽外径 Nut diameter	L	V	K
ER11-A	19	110	40	17
ER16-A	28	120	53	25
ER20-A	34	130	60	30

ER-M 型扳手 ER-M SPANNER



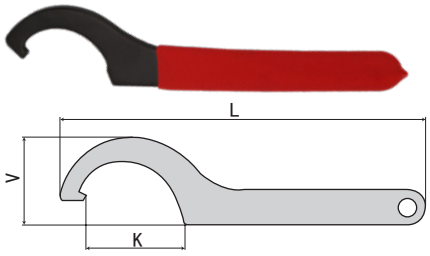
规格 / 型号 Model	螺帽外径 Nut diameter	L	V	K
ER8-M	12	70	12	7.5
ER11-M	16	90	17	11
ER16-M	22	110	23	15
ER20-M	28	120	29	19.5
ER25-M	35	130	36	25

ER-UM 型扳手 ER-A SPANNER



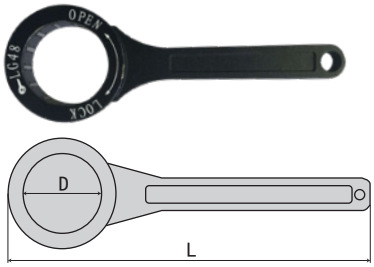
规格 / 型号 Model	螺帽外径 Nut diameter	L	V	K
ER16-UM	32	180	40	26
ER20-UM	35	190	55	30
ER25-UM	42	210	60	35
ER32-UM	50	250	72	45
ER40-UM	63	290	86	58
ER50-UM	78	350	105	73

勾头扳手 HOOK HEAD SPANNER



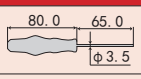
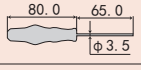
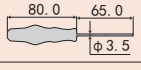
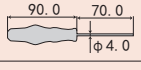
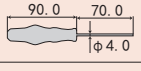
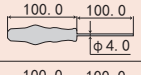
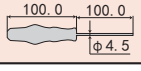
规格 / 型号 Model	适用刀柄及螺帽 Apple holder and nut	L
18-21	EOC6	90
22-26	EOC8	125
28-32	EOC10	140
34-36	EOC12	154
38-42	EOC16 7316A APU08	168
45-52	EOC20 ER25-UM 7316B APU13	190
55-62	EOC25 ER32-UM APU13 APU16 C20 C22 C25	210
68-72	EOC32 ER40-UM	230
78-85	EOC40 C32 ER50-UM	240
100-110	EOC50 C42 JXT25-50	250

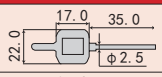
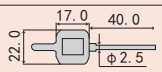
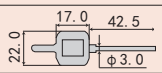
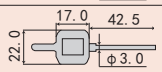
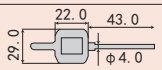
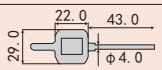
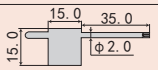
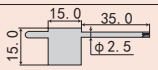
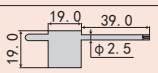
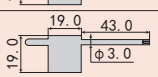
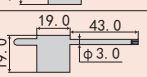
滚珠扳手 BALL SPANNER

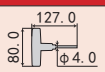
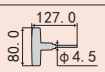
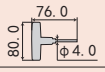
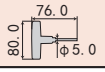


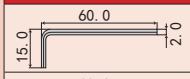
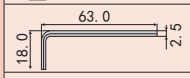
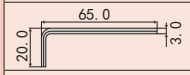
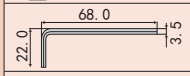
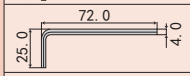
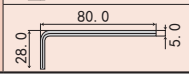
规格 / 型号 Model	规格 Specifications	D	L
WH-GSK06	GSK06	19.5	120
WH-GSK10	GSK10	30	152.5
WH-GSK16	GSK16	40	200
WH-GSK20	GSK20	48	200
WH-GSK25	GSK25	55	210
WH-GER16	GER16	30	150
WH-GER20	GER20	35	160
WH-GER25	GER25	40	181
WH-GER32	GER32	50	200

· 扳 手 SPANNER

	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

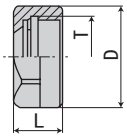
	形状 Shape	型号 Model	Torx(梅花) 尺寸
旗形扳手		KWT-T07	T7
		KWT-T08	T8
		KWT-T09	T9
		KWT-T10	T10
		KWT-T15	T15
		KWT-T20	T20
		KFT-T06	T6
		KFT-T07	T7
		KFT-T08	T8
		KFT-T09	T9
		KFT-T10	T10
		KFT-T15	T15
		KFT-T20	T20

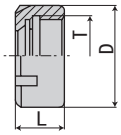
	形状 Shape	型号 Model	Torx(梅花) 尺寸
T 形扳手		KTTL-T15	T15
		KTTL-T20	T20
		KTTS-T20	T20
		KTTS-T25	T25

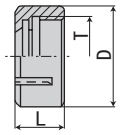
	形状 Shape	型号 Model	Torx(梅花) 尺寸
L 形扳手		KWH2.0L	H2
		KWH2.5L	H2.5
		KWH3.0L	H3
		KWH3.5L	H3.5
		KWH4.0L	H4
		KWH5.0L	H5

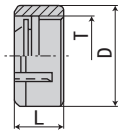


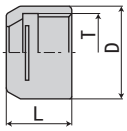
·高精度 ER 螺帽 HIGH PRECISION ER NUT

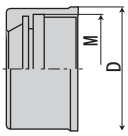



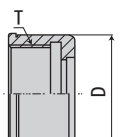


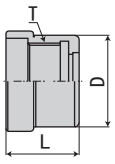








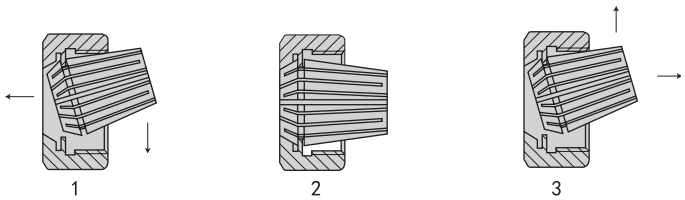




形式 Type	型号 Model No.	D	L	T
A	ER8A	13.5	11	M10*0.75P
	ER11A	19	11.3	M14*0.75P
	ER16A	28	17.5	M22*1.5P
	ER20A	34	19	M25*1.5P
M	ER8M	12	11	M10*0.75P
	ER11M	16	12	M13*0.75P
	ER16M	22	18	M19*1.0P
	ER20M	28	19	M24*1.0P
	ER25M	35	20	M30*1.0P
UM/RD	ER16UM	32	17	M22*1.5P
	ER20UM	35	19	M2.5*1.5P
	ER25UM	42	20	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

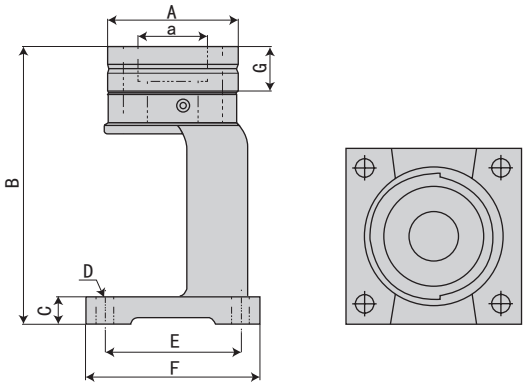


◎将夹头放入压帽内，轻轻转动卡簧，待压帽偏心部分凹入卡槽内，沿箭头方向均匀用力推动卡簧，即可装入压帽内
◎将卡簧和压帽一起安装在夹头体或机床主轴内，把刀具圆柱柄部控净后装入夹持孔内，使用扳手均匀用力坚固压帽直到刀具夹牢为止方可使用。（注意：切忌在未安装刀具状态下紧固压帽，以免损坏夹头）
◎换刀时，用扳手松开压帽带出夹头及刀具，卸下刀具，沿箭头方向用力推动卡簧，使其退出，然后根据需要换上其它孔径的卡簧即可

◎ 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.

·HSK 锁刀座 HSK TOOL TIGHTENING FIXTURE

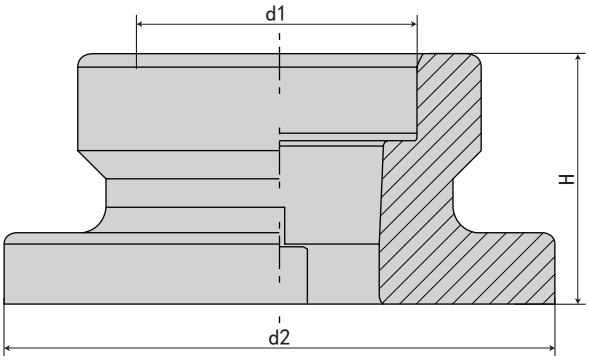




规格 / 型号 Model	a	A	B	C	D	E	F	G	重量
HSK-32	32.5	78	168	16.2	10.5	81	104	25	2.04
HSK-40	40.5	78	168	16.2	10.5	81	104	25	1.94
HSK-50	50.5	78	168	16.2	10.5	81	104	25	1.66
HSK-63	63.5	82.5	168	16.2	10.5	81	104	25	1.38
HSK-100	100.5	128.2	168	18.4	10.5	99.5	135.8	25	5.49
HG BT30	32	76	168	16.2	10.5	81	104	25	1.08
HG BT40	44	76	168	16.2	10.5	81	104	25	0.98

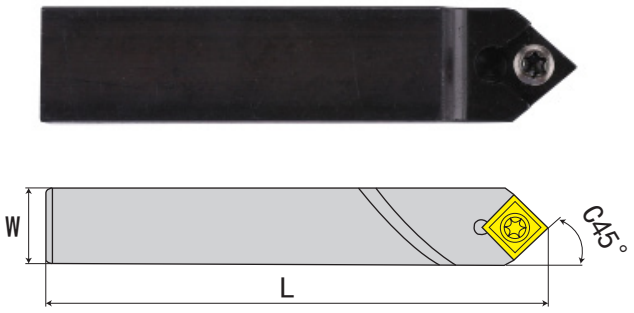
·HSK 锁刀座 HSK TOOL TIGHTENING FIXTURE

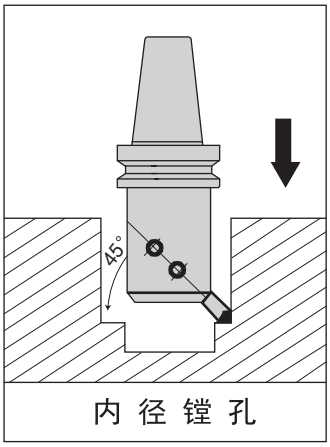




规格 / 型号 Model	d1（mm）	d2（mm）	H（mm）	重量
HSK63A	63	130	66	1.2
HSK100A	100	180	85	2.6

·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

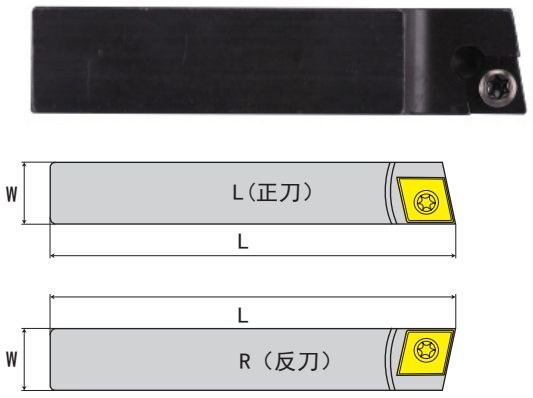
特点：

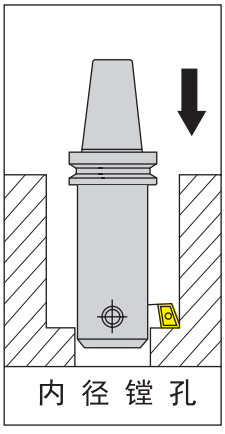
注：
◎适用于 BSA 盲孔粗镗刀杆
◎ BSA 适合重切削加工

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.

·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

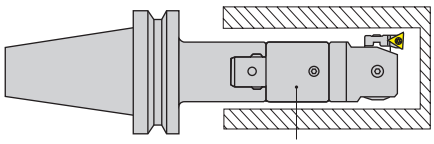


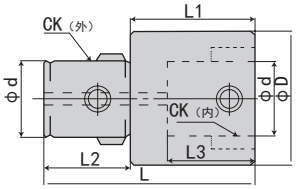
型号说明

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）

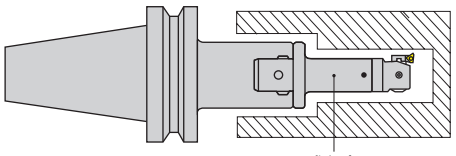


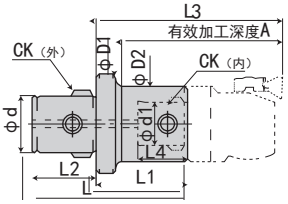
型号说明

CK21 55

55：有效加工深度 A

CK21：从 CK2 减为 CK1

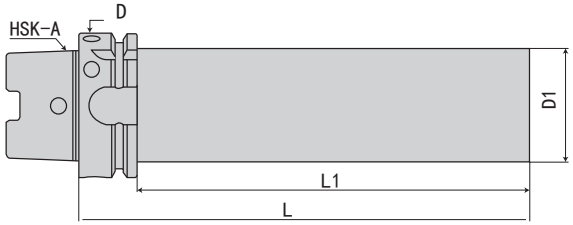




型号	CK (外)	CK (内)	ΦD1	ΦD2	Φd	Φd1	L	L1	L2	L3	L4	A	连接镗刀头型号 Applicable Boring Heads	侧边螺丝 Screw	质量 (kg)
CK21-55L	2	1	24	19	14	11	52	36	16	68.5	18	55	EWN20	M4*0.5P	0.10
CK31-60L	3	1	31	19	18	11	60.5	40.5	20	73	18	60	EWN20	M4*0.5P	0.14
CK32-60L	3	2	31	24	18	14	54.5	34.5	20	70	21	60	EWN25/RW25/ABH25/CBH25	M5*0.5P	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

·HSK-A 主轴检验棒【DB】 HSK-A TEST BAR（DB）

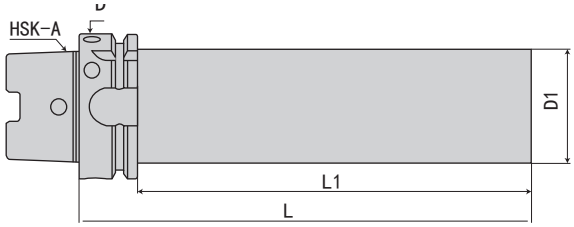




规格 / 型号 Model	L	L1	D	D1
HSK32A-D24-180L-DB	180	160	32	24
HSK40A-D24-180L-DB	180	160	40	24
HSK50A-D32-236L-DB	236	210	50	32
HSK63A-D40-346L-DB	346	320	63	40
HSK80A-D40-346L-DB	346	320	80	40
HSK100A-D40-349L-DB	349	320	100	40

·HSK-A 主轴检验棒 HSK-A TEST BAR

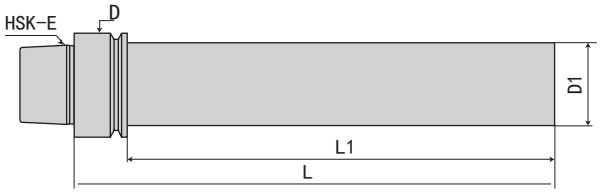




规格 / 型号 Model	L	L1	D	D1
HSK40A-D32-180	180	160	40	32
HSK50A-D32-240	240	214	50	32
HSK63A-D50-200	200	174	63	50
HSK63A-D50-350	350	324	63	50
HSK80A-D50-300	300	274	80	50
HSK80A-D50-350	350	324	80	50
HSK100A-D50-200	200	171	100	50
HSK100A-D50-350	350	321	100	50

·HSK-E 主轴检验棒 HSK-E TEST BAR

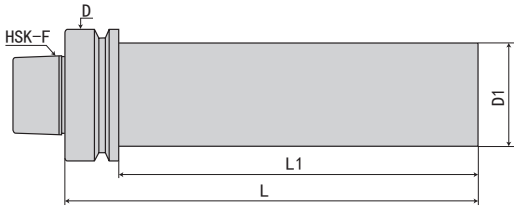




规格 / 型号 Model	L	L1	D	D1
HSK25E-D20-175	175	165	25	20
HSK32E-D20-180	180	160	32	20
HSK40E-D32-180	180	160	40	32
HSK50E-D32-240	240	214	50	32

·HSK-63F 主轴检验棒 HSK-63F TEST BAR

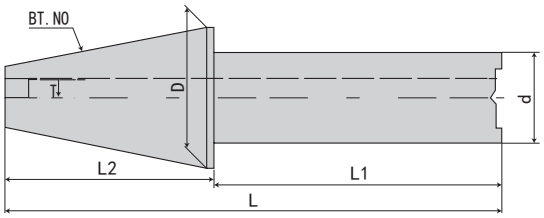




规格 / 型号 Model	L	L1	D	D1
HSK63F-D50-200	200	174	63	50
HSK63F-D50-350	350	324	63	50

·BT 机床主轴检验棒 BT TEST BAR

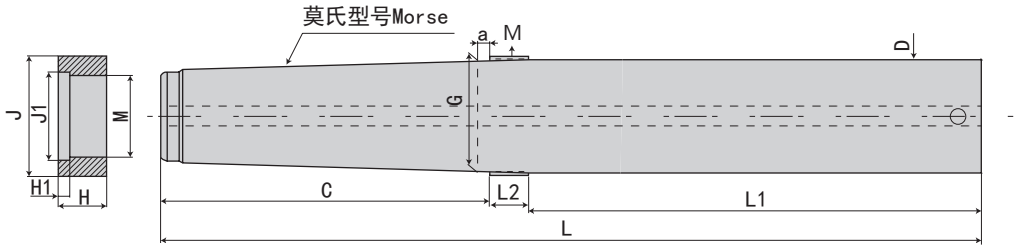




规格 / 型号 Model	BT.NO	D	L	L1	L2	d	T	精度 Accuracy
BT30-D32-250	BT30	31.75	305	250	55	32	M12×1.75P	0.003
BT40-D40-250	BT40	44.45	322	250	72	40	M16×2.0P	0.003
BT40-D40-300	BT40	44.45	372	300	72	40	M16×2.0P	0.003
BT50-D40-250	BT50	69.85	357	250	107	40	M24×3.0P	0.003
BT50-D40-300	BT50	69.85	407	300	107	40	M24×3.0P	0.003
BT60-D60-400	BT60	107.95	570	400	170	60	M30×3.5P	0.003
规格 / 型号 Model	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 Model	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 机床莫式主轴检验棒 MT MORSE TAPER TEST BAR

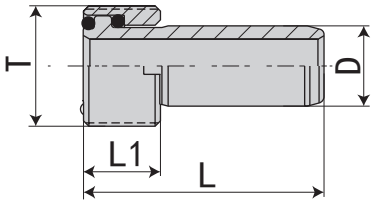


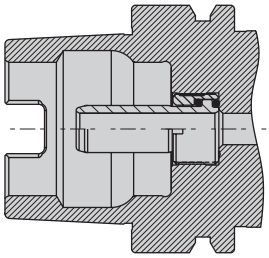


规格 / 型号 Model	莫氏型号 Morse	C	L	L1	L2	G	a	D	M	J	J1	H	H1
MT3-D25-200	MT3	86	311	200	25	23.825	5	25	M30*1.5P	48	31	32	6
MT4-D30-250	MT4	109	384	250	25	31.267	6.5	30	M36*2P	54	38	25	7
MT5-D40-300	MT5	136	466	300	30	44.399	6.5	40	M47*2.0P	63	49	30	7
MT6-D60-400	MT6	190	620	400	30	63.348	8	60	M68*2.0P	88	70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

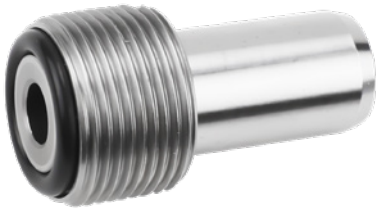


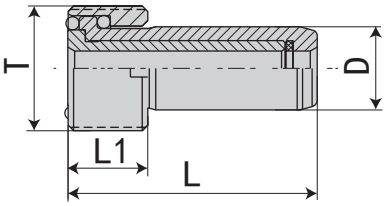


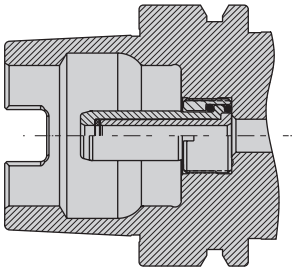


规格 / 型号 Model	L	L1	D	T	重量 KGS
HSK32-CP	26	5.5	6	M10*1.0P	0.01
HSK40-CP	29.3	7.5	8	M12*1.0P	0.01
HSK50-CP	33	9.5	10	M16*1.0P	0.02
HSK63-CP	36.6	11.5	12	M18*1.0P	0.02
HSK100-CP	44	15.5	16	M24*1.5P	0.06

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



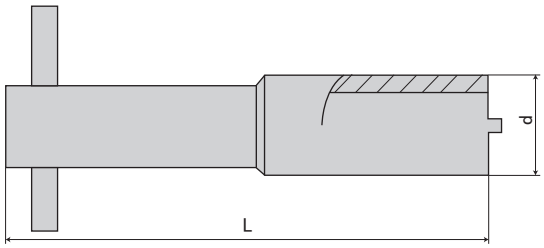




规格 / 型号 Model	L	L1	D	T	重量 KGS
HSK63-CP	36.6	11.5	12	M18*1.0P	0.02
HSK100-CP	44	15.5	16	M24*1.5P	0.06

·HSK 内冷管专用扳手 HSK COOLANT WRENCH





HSK 内冷管锁紧扳手

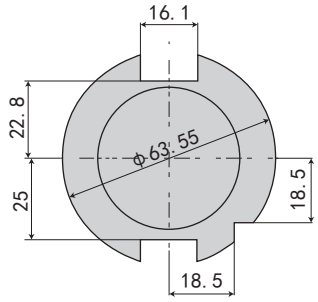
规格 / 型号 Model	L	d	重量 KGS
HSK32-CPW	90	13.5	0.10
HSK40-CPW	90	13.5	0.12
HSK50-CPW	95	15.5	0.14
HSK63-CPW	100	18	0.14
HSK100-CPW	125	24	0.32

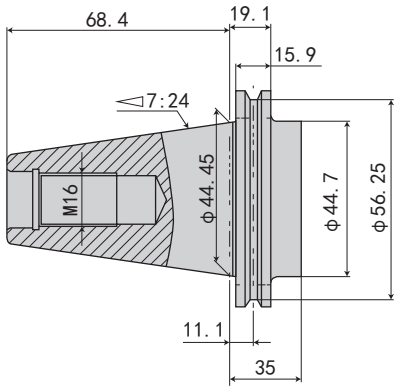
·SK/DAT 技术资料 SK/DAT TECHNICAL INFORMATION

锥柄形式

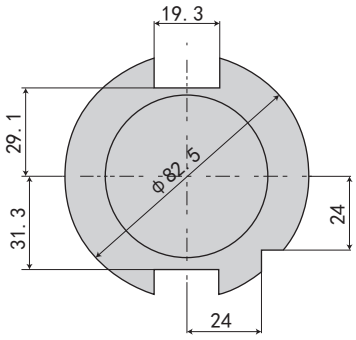
国际 7388/1-A
德国 DIN69871-A
中国 GB10944

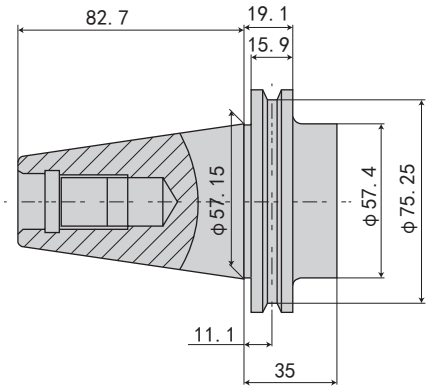
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40 柄



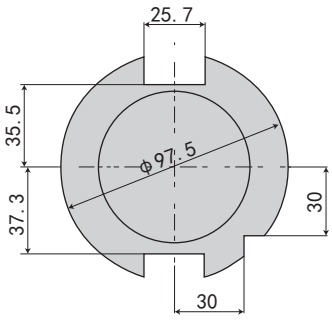


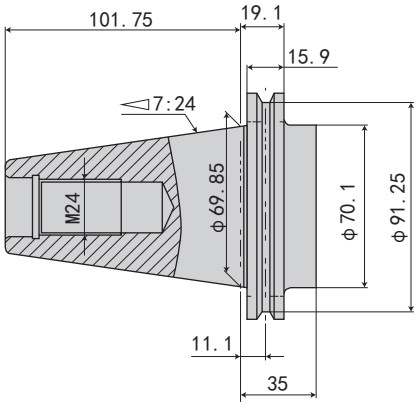
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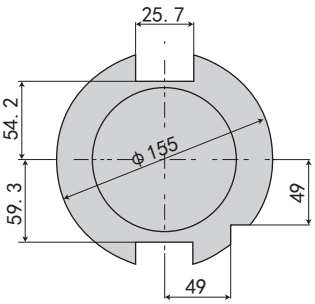


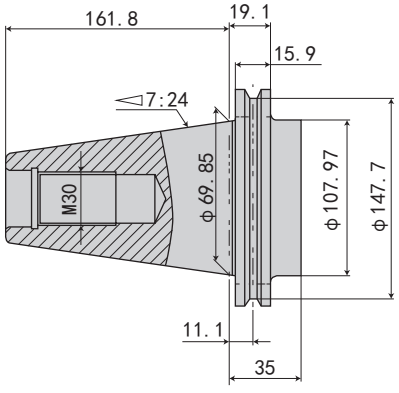
SK/DAT50
50 柄





SK/DAT60
60 柄

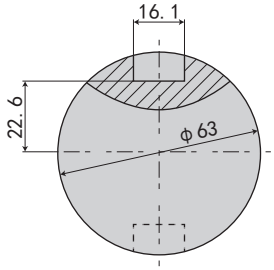


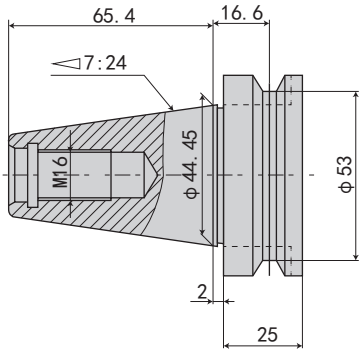


·BT 技术资料 BT TECHNICAL INFORMATION

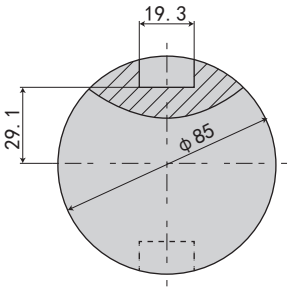
锥柄形式 日本 MAS 403 BT

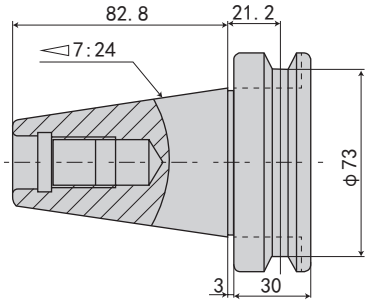
BT40
40 柄



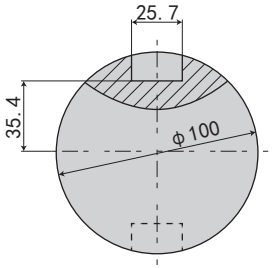


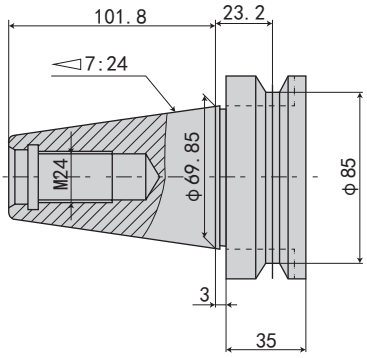
BT45
45 柄



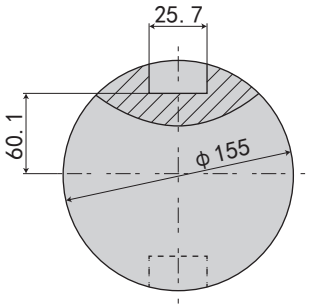


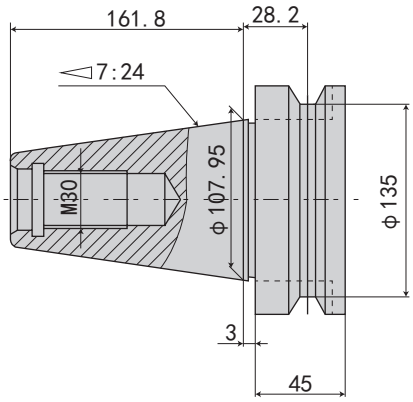
BT50
50 柄





BT60
60 柄



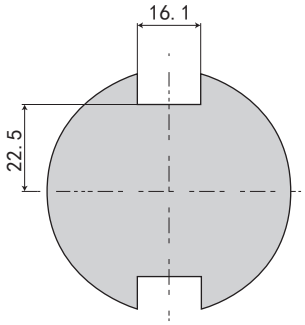


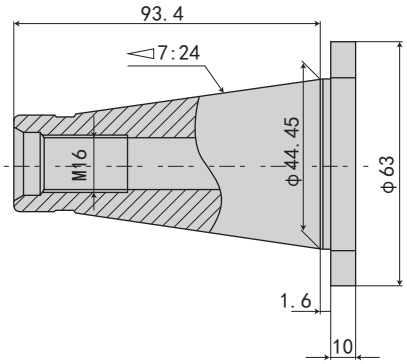
·NT/ST 技术资料 NT/ST TECHNICAL INFORMATION

锥柄形式

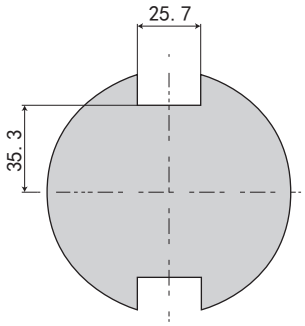
中国 GB3837
德国 DIN2080

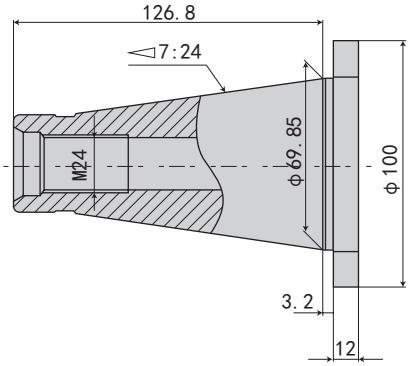
NT/ST40
40 柄



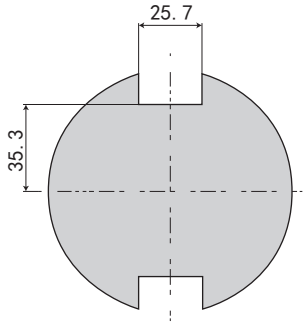


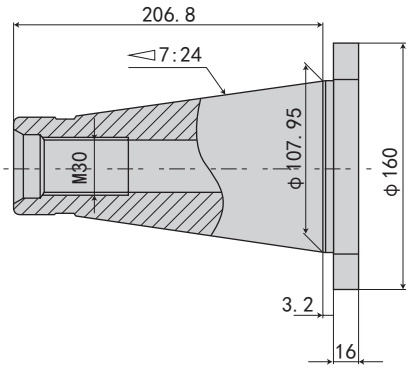
NT/ST50
50 柄





NT/ST60
60 柄

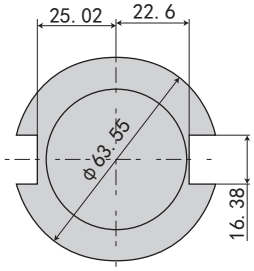


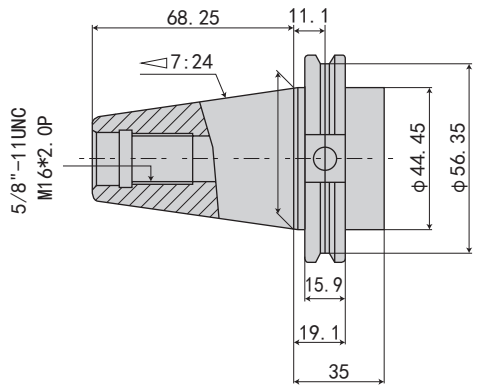


·CAT 技术资料 CAT TECHNICAL INFORMATION

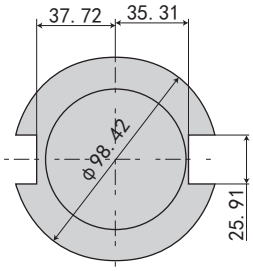
锥柄形式 美国 ANSI B5.59CAT

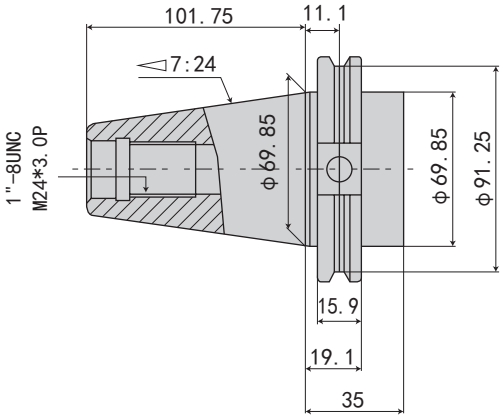
CAT40
40 柄



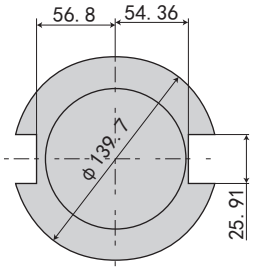


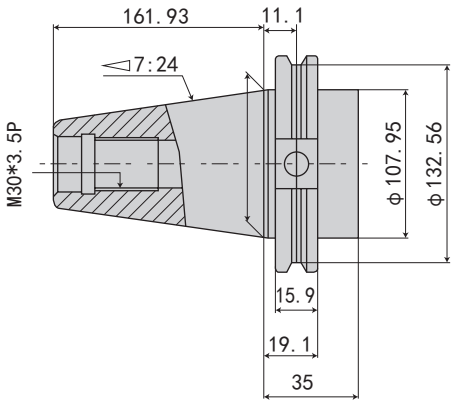
CAT50
50 柄





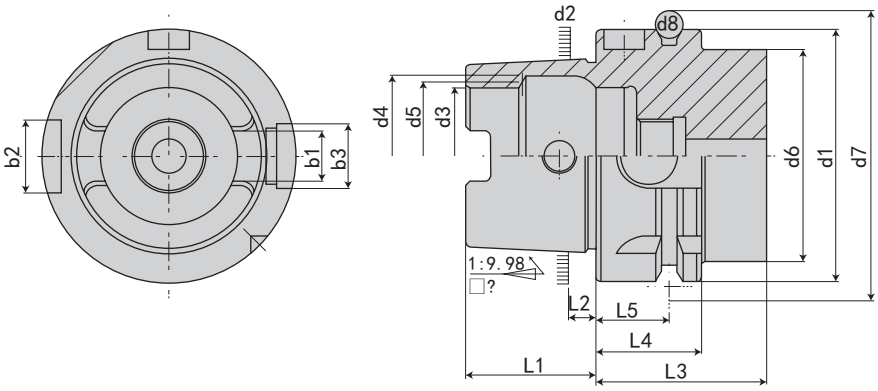
CAT60
60 柄





·HSK-A（DIN69893-5）技术资料 HSK-A（DIN69893-5）TECHNICAL INFORMATION

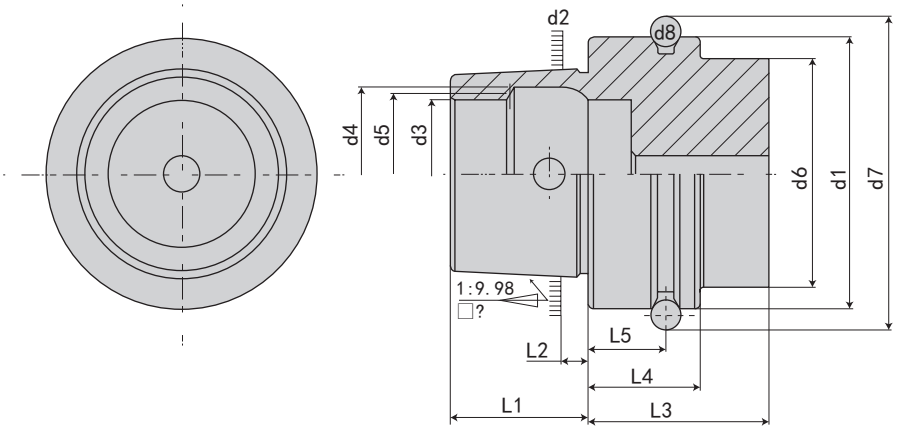
DIN 69893A



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）技术资料 HSK-E（DIN69893-5）TECHNICAL INFORMATION

DIN 69893E

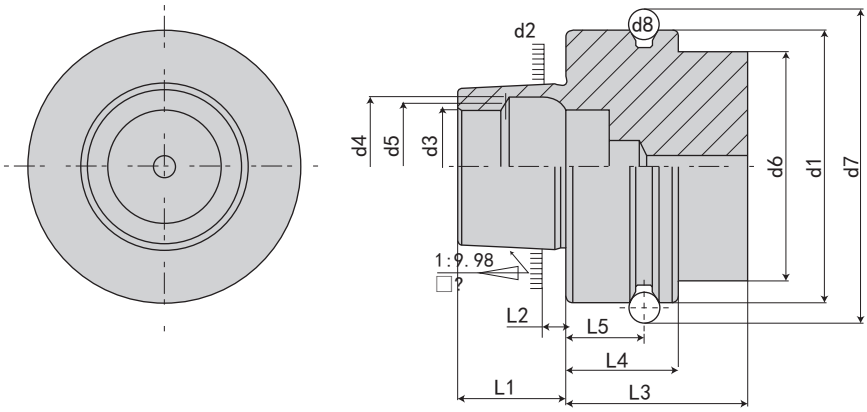


规格 / 型号 Model	d1 h10	d2	d3 H10	d4 H11	d5	d6 Max.	d7 0 -0.1	d8	L1 0 -0.2	L2	L3 Min.	L4 0 -0.1	L5 ±0.1
HSK25E	25	19	14	16.4	15	20	28.5	2	13	2.5	20	10	4.5
HSK32E	32	24	17	21	19	26	37	3	16	3.2	35	20	16
HSK40E	40	30	21	25.5	23	34	45	4	20	4	35	20	16
HSK50E	50	38	26	32	29	42	59.3	7	25	5	42	26	18
HSK63E	63	48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

·HSK-F（DIN69893-6) 技术资料

HSK-F（DIN69893-6) TECHNICAL INFORMATION

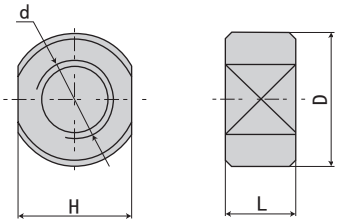
DIN 69893F



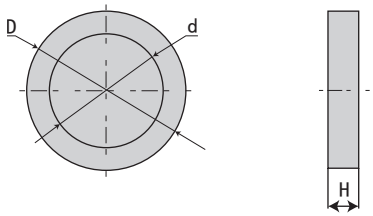
规格 / 型号 Model	d1 h10	d2	d3 H10	d4 H11	d5	d6 Max.	d7 0 -0.1	d8	L1 0 -0.2	L2	L3 Min.	L4 0 -0.1	L5 ±0.1
HSK50F	50	30.007	21	25.5	23	42	59.3	7	20	4	42	26	18
HSK63F	63	38.009	26	32	29	53	72.3	7	25	5	42	26	18

·三面刃铣刀刀柄附件

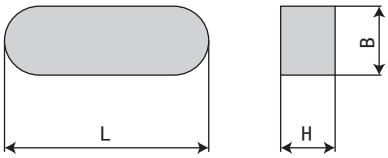
SIDE CUTTER ADAPTET PARTS



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



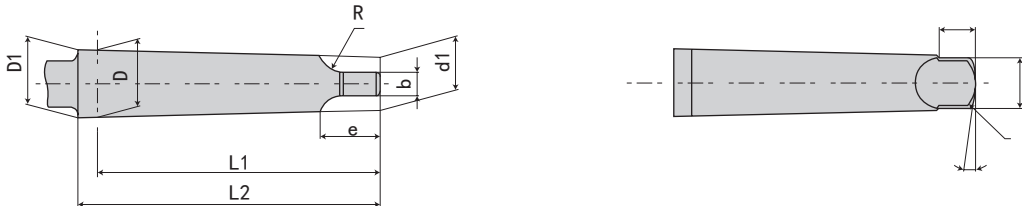
规格 / 型号 Model	d	D	H
XD16	19	26	3/5/7/8/10/12
XD22	25	34	
XD27	31	40	
XD32	37	46	
XD40	45	55	



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）

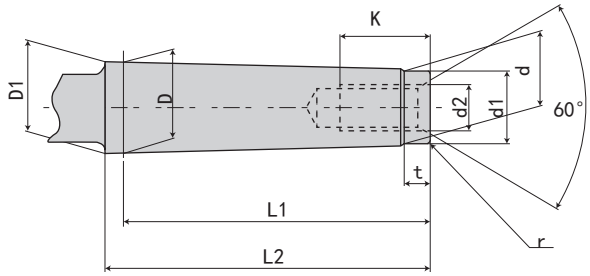
MTA MORSE TAPER SHANK DIMENSIONS(TONGUE TYPE)



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）

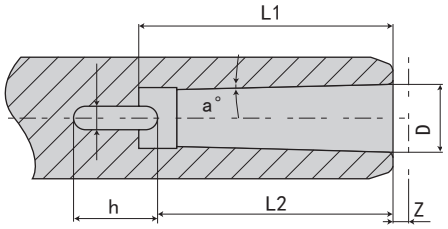
MTB MORSE TAPER SHANK DIMENSIONS(DRAWING THREAD TYPE)



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）

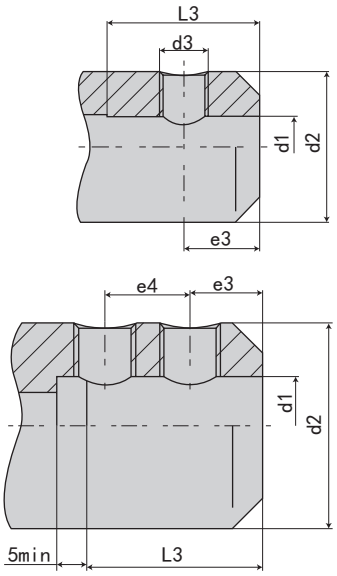
TECHNICAL INFORMATION OF MT.SHANK DIN 228 A & B



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）

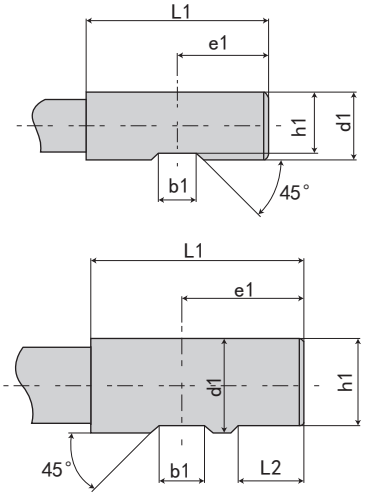
INTERFACE OF LATERAL SHANK TOOLS



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）

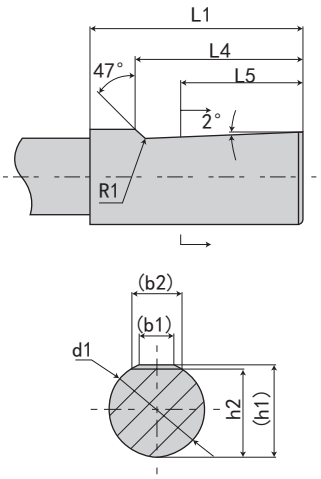
INTERFACE OF LATERAL SHANK TOOLS



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

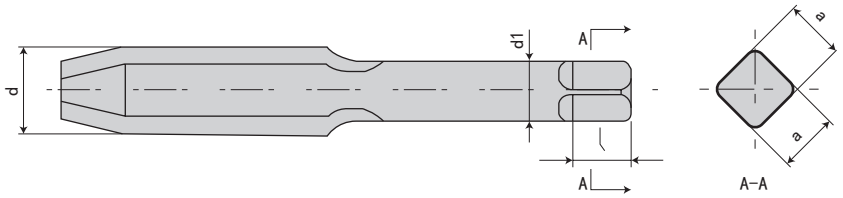
·斜削平型刀具形式（DIN1835-E）

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



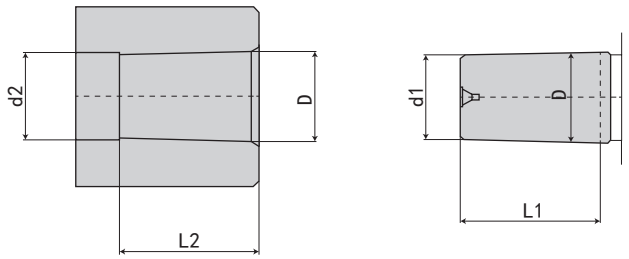
公制	美制	英制	JIS		ISO		DIN371		DIN376		英制工作
			直径	四角	直径	四角	直径	四角	直径	四角	直径 d1
			d1	axa	d1	axa	d1	axa	d1	axa	
M3		W1/8	4	3.2	3.15	2.5	3.5	2.7	2.2		3.18
M4/M4.5		W5/32	5	4	4	3.15	4.5	3.4	2.8	2.1	3.97
M5/M5.5		W3/16	5.5	4.5	5	4	6	4.9	3.5	2.7	4.76
M6	U1/4	W1/4	6	4.5	6.3	5	6	4.9	4.5	3.4	6.35
	U5/16	W5/16	6.1	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

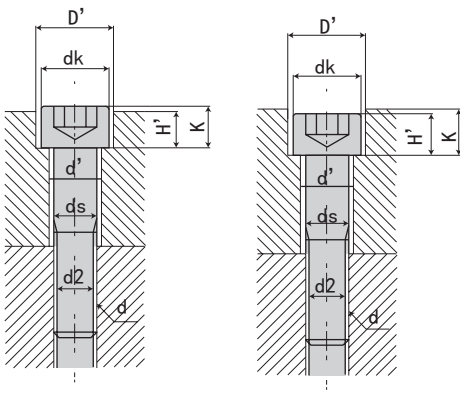
公制粗牙螺丝 Metric coarse screw thread

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.