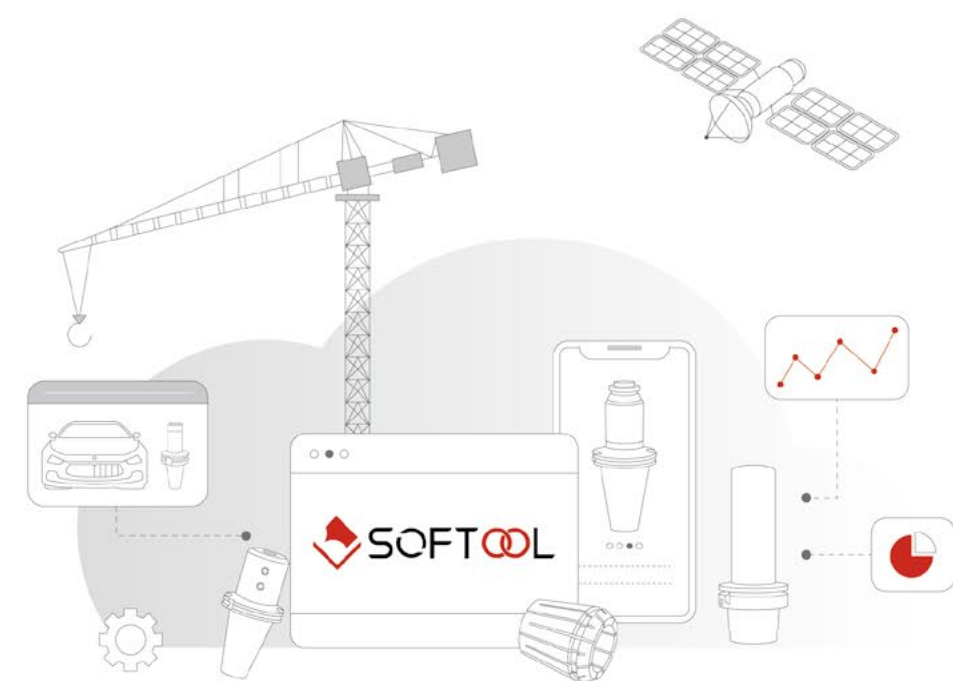






百斯图工具制造有限公司
SofTool Manufacturing Co., Ltd.

公司简介

COMPANY
PROFILE

- 百斯图工具隶属于厦门钨业股份有限公司，是一家专注于金属切削刀体的高新技术企业。集产品研发、工艺设计、生产制造、OEM/ODM代工、产品销售为一体的刀体制造企业。

SofTool is a member of Xiamen Tungsten Co., Ltd. It is a high-tech enterprise focusing on metal cutting tool bodies. As a steel product manufacturing enterprise integrating product research and development, process design, manufacturing, OEM/ODM, and product sales.

- 为全球客户专业提供PSC产品、铣刀体、钻杆、镗刀、液压刀柄、热装刀柄、曲轴、型线刀具等产品及个性化专属解决方案，产品应用覆盖了风（核）能发电、模具制造、汽车、工程机械、铁路、石油化工等各个领域。

We provide professional cutter tools and personalized and exclusive solutions for PSC product, milling tool bodies, drilling stem, boring tools, shrink-fit chuck, hydraulic chuck, crank shaft for global customers. Our products are applied in wind (nuclear) power generation, mold manufacturing, automobiles, construction machinery, railways, petrochemicals and other fields.



通用刀柄目录

General Tool Holder
Contents

H HSK刀柄系列 HSK CHUCK SERIES		010-040	S SK刀柄系列 SK CHUCK SERIES		082-104
HSK63A-ER 筒夹刀柄	HSK63A-ER Collet Chuck	011	BT-MTA 带扁尾莫氏刀柄	BT-MTA Taper Adapter(Morse)	054
HSK100A-ER 筒夹刀柄	HSK100A-ER Collet Chuck	013	BT50-MTA 带扁尾莫氏刀柄	BT50-MTA Taper Adapter(Morse)	056
HSK63A-SLN 侧固式刀柄	HSK63A-SLN Side Lock End Mill Holder	015	BT-MTB 无扁尾莫氏刀柄	BT-MTB Morse Taper Holder	058
HSK100A-SLN 侧固式刀柄	HSK100A-SLN Side Lock End Mill Holder	017	BT40-SLN 侧固式刀柄	BT40-SLN Side Lock End Mill Holder	060
HSK100A-BST 镗孔组合刀柄	HSK100A-BST Rough Boring Tool Holder	019	BT50-SLN 侧固式刀柄	BT50-SLN Side Lock End Mill Holder	062
HSK63A-C 型高精度强力刀柄	HSK63A-C Force Milling Chuck	020	BT-SCA 侧铣刀柄	BT-SCA Side Cutter Adaptet	064
HSK100A-C 型高精度强力刀柄	HSK100A-C Force Milling Chuck	021	BT- 半精刀柄毛坯	BT Semi-Fingish Blank Holder	066
HSK63A-GER 筒夹刀柄	HSK63A-GER Collet Chuck	023	BT40-BST 镗孔组合刀柄	BT40-BST Rough Boring Tool Holder	067
HSK100A-GER 筒夹刀柄	HSK100A-GER Collet Chuck	024	BT50-BST 镗孔组合刀柄	BT50-BST Rough Boring Tool Holder	068
HSK- 半精刀柄毛坯	HSK Semi-Fingish Blank Holder	025	BT40-M 螺纹连接刀柄（直柄）	BT40-M Theraded Chuck	069
HSK63A-M 锁牙式刀柄（直柄）	HSK63A-M Theraded Chuck	027	BT50-M 螺纹连接刀柄（直柄）	BT50-M Theraded Chuck	070
HSK100A-M 锁牙式刀柄（直柄）	HSK100A-M Theraded Chuck	028	BT40-BSA 45°粗镗刀杆（盲孔）	BT40-BSA 45° Degree Slant-Inserted Type Rough Boring Holders	071
HSK63A-M 锁牙式刀柄（斜柄）	HSK63A-M Theraded Chuck	029	BT50-BSA 45°粗镗刀杆（盲孔）	BT50-BSA 45° Degree Slant-Inserted Type Rough Boring Holders	072
HSK100A-M 锁牙式刀柄（斜柄）	HSK100A-M Theraded Chuck	030	BT50-BST 镗孔组合刀柄	BT50-BST Rough Boring Tool Holder	074
HSK-MOD 模块刀柄	HSK-MOD Modular Tool Holder	031	MOD 法兰盘	MOD Flange Plate	076
MOD 法兰盘	MOD Flange Plate	033	BT40-FMH 端面出水铣刀柄	BT40-FMH Face Mill Holder-Coolant Type	077
HSK63A-GSK 筒夹刀柄	HSK63A-GSK Collet Chuck	034	BT50-FMH 端面出水铣刀柄	BT50-FMH Face Mill Holder-Coolant Type	079
HSK63A-SCA 侧铣刀柄	HSK63A-SCA Side Cutter Adaptor	036			
HSK100A-SCA 侧铣刀柄	HSK100A-SCA Side Cutter Adaptor	037			
芯轴基础柄 HSK 系列	Arbor Connection with HSK Adaptor	038			
B BT刀柄系列 BT CHUCK SERIES		041-081			
BT-C 型高精度强力刀柄	BT-C Force Milling Chuck	042	SK-C 型高精度强力刀柄	SK-C Force Milling Chuck	083
BT30-ER 弹性筒夹刀柄	BT30-ER Collet Chuck	044	SK30-ER 弹性筒夹刀柄	SK30-ER Collet Chuck	085
BT40-ER 弹性筒夹刀柄	BT40-ER Collet Chuck	046	SK40-ER 弹性筒夹刀柄	SK40-ER Collet Chuck	086
BT50-ER 弹性筒夹刀柄	BT50-ER Collet Chuck	048	SK50-ER 弹性筒夹刀柄	SK50-ER Collet Chuck	088
BT-FMC 平面铣刀柄（四螺孔）	BT-FMC Face Mill Arbor(four screw holes)	051	SK-FMB 平面铣刀柄	SK-FMB Face Mill Arbor	090
BT-FMC 平面铣刀柄	BT-FMC Face Mill Arbor	052	SK50-FMB 平面铣刀柄	SK50-FMB Face Mill Arbor	092
			SK50-FMB 平面铣刀柄	SK50-FMB Face Mill Arbor	094
			SK-MTA 带扁尾莫氏刀柄	SK-MTA Taper Adapter(Morse)	096
			SK-SLN 侧固式刀柄	SK-SLN Side Lock End Mill Holder	098
			SK50-SLN 侧固式刀柄	SK50-SLN Side Lock End Mill Holder	100
			SK-MOD 模块刀柄	SK-MOD Modular Tool Holder	102
			MOD 法兰盘	MOD Flange Plate	104

通用刀柄目录

General Tool Holder
Contents

T 攻丝刀柄系列 TAPPING CHUCK SERIES		105-140	J 日本标准拉钉 MAS 403-1975		Japanese Standard Pull Stud MAS 403-1975	153
T 德国标准拉钉				German Standard Pull Stud		154
J 马扎克、三井系列拉钉 MAZAK MITSUI				Mazak Mitsui Serial Pull Studs MAZAK MITSUI		155
J 美国标准拉钉 ANSI/AMSE B5.50-1994				American Standard Pull Stud ANSI/AMSE B5.50-1994		156
J 国际标准拉钉 A 型				International Standard Pull Stud A Type		157
J 国际标准拉钉 B 型				International Standard Pull Stud B Type		158
J 混合标准拉钉 CAT-BT				Blended Standard Pull Stud CAT-BT		159
J 日本 JIS B6339 拉钉				Japan JIS B6339 Pull Stud		161
J SR 拉钉				SR Pull Stud		162
J ISO 雕刻机用拉钉				Pull Stud of Carving Machine		163
J 无扁尾莫氏圆锥孔刀柄加长拉钉				Adaptor Sleeves for Morse Taper Without Tang		164
J OTT 拉钉				OTT Pull Stud		165
J 扳手				Spanner		166
J 高精度 ER 螺帽				High Precision ER Nut		169
J HSK 内冷管				HSK Coolant Pipe		171
J HSK 内冷管专用扳手				HSK Coolant Wrench		172

H 刀柄配件 HOLDER ACCESSORIES		141-172				
H 高精度 ER 弹性筒夹		High-Precision ER Collet				142
H ER 止水筒夹		ER Coolant Collet				145
H GSK 高速筒夹系列		GSK High Speed Collet Series				148
H C 型强力直柄筒夹		C Straight Collet				151
H 日本标准拉钉 MAS 403-1975		Japanese Standard Pull Stud MAS 403-1975				152



HSK CHUCK SERIES
HSK刀柄系列

HSK63A-ER 筒夹刀柄
HSK63A-ER Collet Chuck

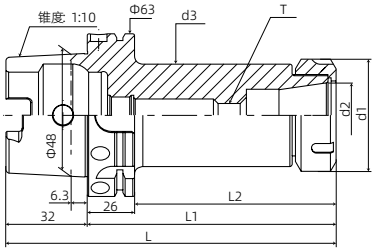


FIG:1

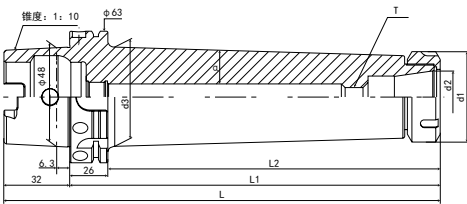


FIG:2



配件 | Accessories



» PF16



» PF02



» PF18

- 径跳: 5μm
- 动平衡: G2.5 30000RPM

- RUN-OUT: 5μm
- BALANCING: G2.5 30000RPM

订货号 Ordering code	柄部 Handle	L	L1	L2	d1	d2	d3	T	α	FIG	配套筒夹 Collet	夹持范围 Range	重量 KGS
HSK63A-ER16-075	HSK63A	107	75	49	28	16	28	M10*1.0P	-	1	ER16	1-10	1.00
HSK63A-ER16-100	HSK63A	132	100	74	28	16	28	M10*1.0P	-	1	ER16	1-10	1.10
HSK63A-ER16-125	HSK63A	157	125	99	28	16	28	M10*1.0P	-	1	ER16	1-10	1.20
HSK63A-ER16-160	HSK63A	192	160	134	28	16	28	M10*1.0P	-	1	ER16	1-10	1.30
HSK63A-ER16-200	HSK63A	232	200	174	28	16	28	M10*1.0P	-	1	ER16	1-10	1.50
HSK63A-ER16-250	HSK63A	282	250	224	28	16	35	M10*1.0P	1°	2	ER16	1-10	2.00
HSK63A-ER20-075	HSK63A	107	75	49	34	20	34	M13*1.0P	-	1	ER20	1-13	0.90
HSK63A-ER20-100	HSK63A	132	100	74	34	20	34	M13*1.0P	-	1	ER20	1-13	1.20
HSK63A-ER20-125	HSK63A	157	125	99	34	20	34	M13*1.0P	-	1	ER20	1-13	1.30
HSK63A-ER20-160	HSK63A	192	160	134	34	20	34	M13*1.0P	-	1	ER20	1-13	1.60
HSK63A-ER20-200	HSK63A	232	200	174	34	20	34	M13*1.0P	-	1	ER20	1-13	1.85
HSK63A-ER20-250	HSK63A	282	250	224	34	20	41	M13*1.0P	1°	2	ER20	1-13	2.60
HSK63A-ER25-075	HSK63A	107	75	49	42	25	42	M18*1.5P	-	1	ER25	2-16	1.20
HSK63A-ER25-100	HSK63A	132	100	74	42	25	42	M18*1.5P	-	1	ER25	2-16	1.30
HSK63A-ER25-125	HSK63A	157	125	99	42	25	42	M18*1.5P	-	1	ER25	2-16	1.50
HSK63A-ER25-160	HSK63A	192	160	134	42	25	42	M18*1.5P	-	1	ER25	2-16	2.00
HSK63A-ER25-200	HSK63A	232	200	174	42	25	42	M18*1.5P	-	1	ER25	2-16	2.40
HSK63A-ER25-250	HSK63A	282	250	224	42	25	49	M18*1.5P	1°	2	ER25	2-16	3.20

转下页 see next page →

HSK63A-ER 筒夹刀柄

HSK63A-ER Collet Chuck

订货号 Ordering code	柄部 Handle	L	L1	L2	d1	d2	d3	T	α	FIG	配套筒夹 Collet	夹持范围 Range	重量 KGS
HSK63A-ER32-075	HSK63A	107	75	49	50	32	50	M22*1.5P	-	1	ER32	2-20	1.30
HSK63A-ER32-100	HSK63A	132	100	74	50	32	50	M22*1.5P	-	1	ER32	2-20	1.50
HSK63A-ER32-125	HSK63A	157	125	99	50	32	50	M22*1.5P	-	1	ER32	2-20	1.90
HSK63A-ER32-160	HSK63A	192	160	134	50	32	50	M22*1.5P	-	1	ER32	2-20	2.40
HSK63A-ER32-250	HSK63A	282	250	224	50	32	50	M22*1.5P	-	1	ER32	2-20	3.70
HSK63A-ER32-300	HSK63A	332	300	274	50	32	50	M22*1.5P	-	1	ER32	2-20	4.50
HSK63A-ER40-100	HSK63A	132	100	74	63	40	63	M28*1.5P	-	1	ER40	4-26	1.60
HSK63A-ER40-125	HSK63A	157	125	99	63	40	63	M28*1.5P	-	1	ER40	4-26	2.50
HSK63A-ER40-160	HSK63A	192	160	134	63	40	63	M28*1.5P	-	1	ER40	4-26	2.50
HSK63A-ER40-200	HSK63A	232	200	174	63	40	63	M28*1.5P	-	1	ER40	4-26	3.20
HSK63A-ER40-250	HSK63A	282	250	224	63	40	63	M28*1.5P	-	1	ER40	4-26	4.00
HSK63A-ER40-300	HSK63A	332	300	274	63	40	63	M28*1.5P	-	1	ER40	4-26	4.30

特点 | Features

- 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

- 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

命名方式 | Naming And Coding Rules



HSK100A-ER 筒夹刀柄

HSK100A-ER Collet Chuck

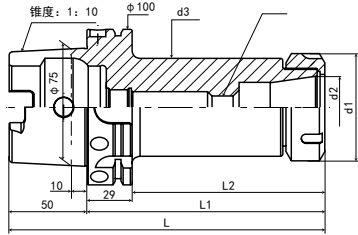


FIG:1

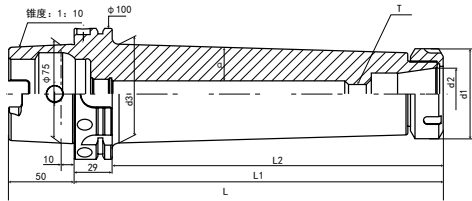


FIG:2

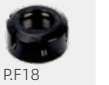
配件 | Accessories



» PF16



» PF02



» PF18

- 径跳: $5\mu\text{m}$
- 动平衡: G2.5 30000RPM



- RUN-OUT: $5\mu\text{m}$
- BALANCING: G2.5 30000RPM

订货号 Ordering code	柄部 Handle	L	L1	L2	d1	d2	d3	T	α	FIG	配套筒夹 Collet	夹持范围 Range	重量 KGS
HSK100A-ER16-100	HSK100A	150	100	71	28	16	28	M10*1.0P	-	1	ER16	1-10	2.50
HSK100A-ER16-125	HSK100A	175	125	96	28	16	28	M10*1.0P	-	1	ER16	1-10	2.50
HSK100A-ER16-160	HSK100A	210	160	131	28	16	28	M10*1.0P	-	1	ER16	1-10	3.00
HSK100A-ER16-200	HSK100A	250	200	171	28	16	28	M10*1.0P	-	1	ER16	1-10	3.00
HSK100A-ER16-250	HSK100A	300	250	221	28	16	35	M10*1.0P	1°	2	ER16	1-10	3.70
HSK100A-ER16-300	HSK100A	350	300	271	28	16	37	M10*1.0P	1°	2	ER16	1-10	4.10
HSK100A-ER20-100	HSK100A	150	100	71	34	20	34	M13*1.0P	-	1	ER20	1-13	2.50
HSK100A-ER20-125	HSK100A	175	125	96	34	20	34	M13*1.0P	-	1	ER20	1-13	2.60
HSK100A-ER20-160	HSK100A	210	160	131	34	20	34	M13*1.0P	-	1	ER20	1-13	3.00
HSK100A-ER20-200	HSK100A	250	200	171	34	20	34	M13*1.0P	-	1	ER20	1-13	3.50
HSK100A-ER20-250	HSK100A	300	250	221	34	20	41	M13*1.0P	1°	2	ER20	1-13	4.10
HSK100A-ER20-300	HSK100A	350	300	271	34	20	43	M13*1.0P	1°	2	ER20	1-13	4.70
HSK100A-ER25-100	HSK100A	150	100	71	42	25	42	M18*1.5P	-	1	ER25	2-16	2.60
HSK100A-ER25-125	HSK100A	175	125	96	42	25	42	M18*1.5P	-	1	ER25	2-16	3.00
HSK100A-ER25-160	HSK100A	210	160	131	42	25	42	M18*1.5P	-	1	ER25	2-16	4.00
HSK100A-ER25-200	HSK100A	250	200	171	42	25	42	M18*1.5P	-	1	ER25	2-16	4.00
HSK100A-ER25-250	HSK100A	300	250	221	42	25	49	M18*1.5P	1°	2	ER25	2-16	4.20
HSK100A-ER25-300	HSK100A	350	300	271	42	25	51	M18*1.5P	1°	2	ER25	2-16	5.00
HSK100A-ER25-350	HSK100A	400	350	321	42	25	53	M18*1.5P	1°	2	ER25	2-16	-

转下页 see next page →

HSK100A-ER 筒夹刀柄

HSK100A-ER Collet Chuck

订货号 Ordering code	柄部 Handle	L	L1	L2	d1	d2	d3	T	α	FIG	配套筒夹 Collet	夹持范围 Range	重量 KGS
HSK100A-ER32-100	HSK100A	150	100	71	50	32	50	M22*1.5P	-	1	ER32	2-20	3.00
HSK100A-ER32-125	HSK100A	175	125	96	50	32	50	M22*1.5P	-	1	ER32	2-20	3.30
HSK100A-ER32-160	HSK100A	210	160	131	50	32	50	M22*1.5P	-	1	ER32	2-20	4.00
HSK100A-ER32-200	HSK100A	250	200	171	50	32	50	M22*1.5P	-	1	ER32	2-20	4.60
HSK100A-ER32-250	HSK100A	300	250	221	50	32	50	M22*1.5P	-	1	ER32	2-20	5.30
HSK100A-ER32-300	HSK100A	350	300	271	50	32	57	M22*1.5P	1°	2	ER32	2-20	6.20
HSK100A-ER32-350	HSK100A	400	350	321	50	32	59	M22*1.5P	1°	2	ER32	2-20	7.50
HSK100A-ER32-400	HSK100A	450	400	371	50	32	61	M22*1.5P	1°	2	ER32	2-20	10.00
HSK100A-ER40-100	HSK100A	150	100	71	63	40	63	M28*1.5P	-	1	ER40	4-26	3.30
HSK100A-ER40-125	HSK100A	175	125	96	63	40	63	M28*1.5P	-	1	ER40	4-26	3.80
HSK100A-ER40-160	HSK100A	210	160	131	63	40	63	M28*1.5P	-	1	ER40	4-26	4.60
HSK100A-ER40-200	HSK100A	250	200	171	63	40	63	M28*1.5P	-	1	ER40	4-26	5.50
HSK100A-ER40-250	HSK100A	300	250	221	63	40	63	M28*1.5P	-	1	ER40	4-26	7.00
HSK100A-ER40-300	HSK100A	350	300	271	63	40	70	M28*1.5P	1°	2	ER40	4-26	8.50
HSK100A-ER40-350	HSK100A	400	350	321	63	40	72	M28*1.5P	1°	2	ER40	4-26	10.50
HSK100A-ER40-400	HSK100A	450	400	371	63	40	74	M28*1.5P	1°	2	ER40	4-26	12.10
HSK100A-ER50-100	HSK100A	150	100	71	78	50	78	M36*1.5P	-	1	ER50	6-34	-
HSK100A-ER50-125	HSK100A	175	125	96	78	50	78	M36*1.5P	-	1	ER50	6-34	-
HSK100A-ER50-160	HSK100A	210	160	131	78	50	78	M36*1.5P	-	1	ER50	6-34	-
HSK100A-ER50-200	HSK100A	250	200	171	78	50	78	M36*1.5P	-	1	ER50	6-34	-

> 特点 | Features

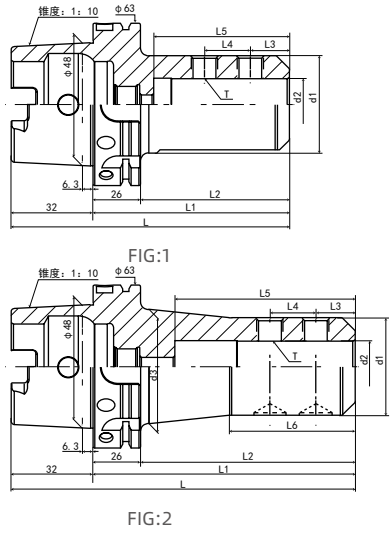
- 螺母为预设动平衡螺母
 - 整支通孔，利于出水及抗震
 - 装夹时，筒夹必须先装入螺帽，再装入刀具，接着装入本体并锁固
 - 刀具装入筒夹内孔，必须超出筒夹内孔有效夹持长度，避免坚固不当造成损坏
 - 筒夹和扳手及接钉需要单独订购
 - ER16/ER20 附标准六角螺母。也可以选用 M 型螺母，本体需要另外订购
 - 可根据客户需要精密平衡至 G6.3 15000RPM,G2.5 30000RPM
- Nut for pre-set dynamic balance nut
 - The whole through hole is favorable for water and shock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

> 命名方式 | Naming And Coding Rules



HSK63A-SLN 侧固式刀柄

HSK63A-SLN Side Lock End Mill Holder



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

订货号 Ordering code	柄部 Handle	L	L1	L2	L3	L4	L5	L6	d1	d2	d3	T	Fig	重量 KGS
HSK63A-SLN6-100	HSK63A	122	100	74	12	10	50	-	25	6	-	M6	1	-
HSK63A-SLN6-120	HSK63A	152	120	94	12	10	50	-	25	6	-	M6	1	-
HSK63A-SLN6-160	HSK63A	192	160	134	12	10	50	45	20	6	25	M6	2	-
HSK63A-SLN8-100	HSK63A	122	100	74	14	12	50	-	28	8	-	M8	1	-
HSK63A-SLN8-120	HSK63A	152	120	94	14	12	50	-	28	8	-	M8	1	-
HSK63A-SLN8-160	HSK63A	192	160	134	14	12	50	45	23	8	28	M8	2	-
HSK63A-SLN10-100	HSK63A	122	100	74	15	14	55	-	35	10	-	M10	1	-
HSK63A-SLN10-120	HSK63A	152	120	94	15	14	55	-	35	10	-	M10	1	-
HSK63A-SLN10-160	HSK63A	192	160	134	15	14	55	50	30	10	35	M10	2	1.60
HSK63A-SLN12-100	HSK63A	122	100	74	20	16	57	-	40	12	-	M10	1	-
HSK63A-SLN12-120	HSK63A	152	120	94	20	16	60	-	40	12	-	M10	1	-
HSK63A-SLN12-160	HSK63A	192	160	134	20	16	60	50	35	12	40	M10	2	-
HSK63A-SLN14-100	HSK63A	122	100	74	22	18	57	-	46	14	-	M10	1	1.60
HSK63A-SLN14-120	HSK63A	152	120	94	22	18	60	-	46	14	-	M10	1	1.90
HSK63A-SLN14-160	HSK63A	192	160	134	22	18	60	55	40	14	45	M10	2	2.10

转下页 see next page →

HSK63A-SLN 侧固式刀柄
HSK63A-SLN Side Lock End Mill Holder

订货号 Ordering code	柄部 Handle	L	L1	L2	L3	L4	L5	L6	d1	d2	d3	T	Fig	重量 KGS
HSK63A-SLN20-100	HSK63A	132	100	74	25	20	68	-	52	20	-	M12	1	1.60
HSK63A-SLN20-120	HSK63A	152	120	94	25	20	88	-	52	20	-	M12	1	2.00
HSK63A-SLN20-160	HSK63A	192	160	134	25	20	110	60	45	20	50	M12	2	2.30
HSK63A-SLN20-200	HSK63A	232	200	174	25	20	110	60	45	20	50	M12	2	2.80
HSK63A-SLN25-110	HSK63A	142	110	84	24	25	68	-	65	25	-	M12	1	-
HSK63A-SLN25-160	HSK63A	192	160	134	24	25	120	65	50	25	55	M12	2	3.50
HSK63A-SLN25-200	HSK63A	232	200	174	24	25	120	65	50	25	55	M12	2	3.10
HSK63A-SLN32-110	HSK63A	142	110	84	24	28	73	-	72	32	-	M16	1	-
HSK63A-SLN32-160	HSK63A	192	160	134	24	28	120	70	60	32	65	M16	2	4.00
HSK63A-SLN32-200	HSK63A	232	200	174	24	28	120	70	60	32	65	M16	2	3.90
HSK63A-SLN40-125	HSK63A	157	125	99	30	32	87	-	80	40	-	M20	1	-
HSK63A-SLN40-160	HSK63A	192	160	134	30	32	120	80	70	40	75	M16	2	4.40
HSK63A-SLN40-200	HSK63A	232	200	174	30	32	120	80	70	40	75	M16	2	4.80

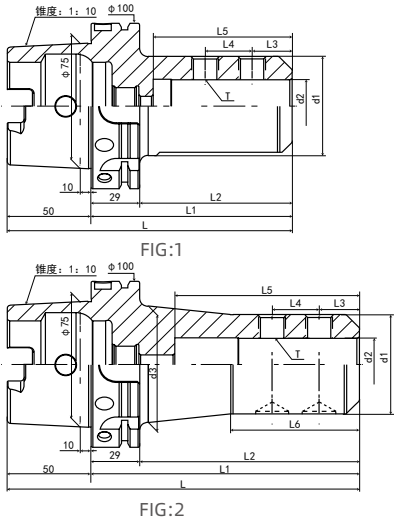
特点 | Features

- 内孔精度: H5
- Internal hole tolerance: H5

命名方式 | Naming And Coding Rules



HSK100A-SLN 侧固式刀柄
HSK100A-SLN Side Lock End Mill Holder



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

订货号 Ordering code	柄部 Handle	L	L1	L2	L3	L4	L5	L6	d1	d2	d3	T	Fig	重量 KGS
HSK100A-SLN16-100	HSK100A	150	100	71	22	18	62	-	48	16	-	M10	1	3.20
HSK100A-SLN16-160	HSK100A	210	160	131	22	18	100	55	40	16	45	M10	2	4.30
HSK100A-SLN16-200	HSK100A	250	200	171	22	18	100	55	40	16	45	M10	2	4.80
HSK100A-SLN18-100	HSK100A	150	100	71	24	20	62	-	50	18	-	M10	1	-
HSK100A-SLN18-160	HSK100A	210	160	131	24	20	100	60	45	18	50	M10	2	-
HSK100A-SLN20-100	HSK100A	150	100	71	25	20	63	-	52	20	-	M12	1	3.50
HSK100A-SLN20-160	HSK100A	210	160	131	25	20	110	60	45	20	50	M12	2	4.30
HSK100A-SLN20-200	HSK100A	250	200	171	25	20	110	60	45	20	50	M12	2	4.90
HSK100A-SLN20-250	HSK100A	300	250	221	25	20	110	60	45	20	50	M12	2	-

转下页 see next page →

HSK100A-SLN 侧固式刀柄

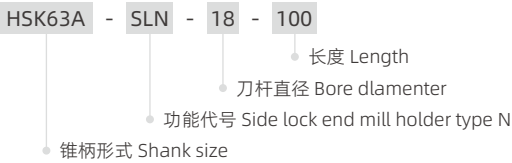
HSK100A-SLN Side Lock End Mill Holder

订货号 Ordering code	柄部 Handle	L	L1	L2	L3	L4	L5	L6	d1	d2	d3	T	Fig	重量 KGS
HSK100A-SLN25-110	HSK100A	142	110	84	24	25	68	-	65	25	-	M12	1	-
HSK100A-SLN25-160	HSK100A	192	160	134	24	25	120	65	50	25	55	M12	2	3.50
HSK100A-SLN25-200	HSK100A	232	200	174	24	25	120	65	50	25	55	M12	2	3.10
HSK100A-SLN32-110	HSK100A	142	110	84	24	28	73	-	72	32	-	M16	1	-
HSK100A-SLN32-160	HSK100A	192	160	134	24	28	120	70	60	32	65	M16	2	4.00
HSK100A-SLN32-200	HSK100A	232	200	174	24	28	120	70	60	32	65	M16	2	3.90
HSK100A-SLN40-125	HSK100A	157	125	99	30	32	87	-	80	40	-	M20	1	-
HSK100A-SLN40-160	HSK100A	192	160	134	30	32	120	80	70	40	75	M16	2	4.40
HSK100A-SLN40-200	HSK100A	232	200	174	30	32	120	80	70	40	75	M16	2	4.80

> 特点 | Features

- 内孔精度: H5
- Internal hole tolerance: H5

> 命名方式 | Naming And Coding Rules



HSK100A-BST 镗孔组合刀柄

HSK100A-BST Rough Boring Tool Holder

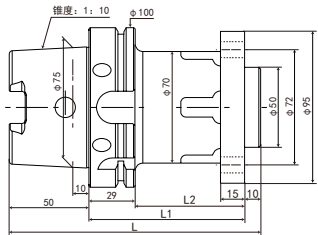


FIG:1

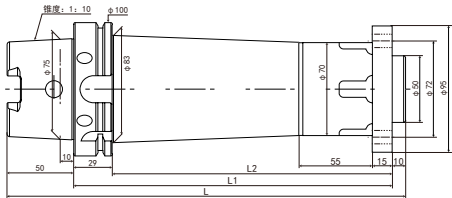


FIG:2



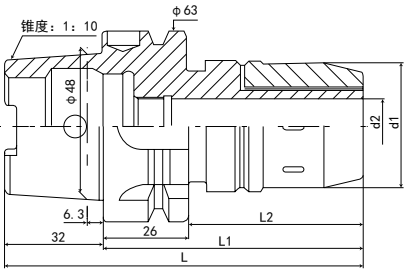
订货号 Ordering code	柄部 Handle	L	L1	L2	FIG	重量 KGS
HSK100A-BST-100	HSK100A	150	100	71	1	4.20
-150	HSK100A	200	150	121	1	5.40
-200	HSK100A	250	200	171	1	6.90
-250	HSK100A	300	250	221	1	8.40
-300	HSK100A	350	300	271	2	10.80
-350	HSK100A	400	350	321	2	-
-400	HSK100A	450	400	371	2	14.60
-450	HSK100A	500	450	421	2	-
-500	HSK100A	550	500	471	2	-

> 命名方式 | Naming And Coding Rules



HSK63A-C 型高精度强力刀柄

HSK63A-C Force Milling Chuck



订货号 Ordering code	柄部 Handle	L	L1	L2	d1	d2	配套筒夹	夹持范围 Range	重量 KGS
HSK63A-C20-95 ¹	HSK63A	127	95	69	55	20	C20	3-20mm	-
-110 ¹	HSK63A	142	110	84	55	20	C20	3-20mm	-
-C25-100 ¹	HSK63A	132	100	74	60	25	C25	3-25mm	-
-130 ¹	HSK63A	162	130	104	60	25	C25	3-25mm	-
-C32-110	HSK63A	142	110	108	73	32	C32	3-32mm	-
-130	HSK63A	162	130	104	73	32	C32	3-32mm	-
-150	HSK63A	182	150	124	73	32	C32	3-32mm	-

¹ 特殊规格，需单独询价

> 特点 | Features

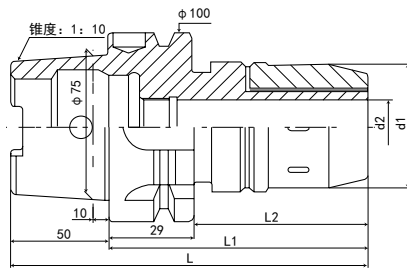
- 开槽
- 此款刀杆内孔分割 6 槽以防止滑动并加大夹持力
- 滚针轴承
- 此采用两装置为使当滑动至针锥面时滚动摩擦及脱落减至最小
- 可套装选购

> 命名方式 | Naming And Coding Rules



HSK100A-C 型高精度强力刀柄

HSK100A-C Force Milling Chuck



订货号 Ordering code	柄部 Handle	L	L1	L2	d1	d2	配套筒夹	夹持范围 Range	重量 KGS
HSK100A-C20-100 ¹	HSK100A	150	100	71	55	20	C20	3-20mm	-
-110 ¹	HSK100A	160	110	81	55	20	C20	3-20mm	-
-130 ¹	HSK100A	180	130	101	55	20	C20	3-20mm	-
-C25-100 ¹	HSK100A	150	100	71	60	25	C25	3-25mm	-
-110 ¹	HSK100A	160	110	81	60	25	C25	3-25mm	-
-130 ¹	HSK100A	180	130	101	60	25	C25	3-25mm	-
-160 ¹	HSK100A	210	160	131	60	25	C25	3-25mm	-
-C32-100	HSK100A	150	100	71	73	32	C32	3-32mm	-
-110	HSK100A	160	110	81	73	32	C32	3-32mm	-
-130	HSK100A	180	130	101	73	32	C32	3-32mm	-
-160	HSK100A	210	160	131	73	32	C32	3-32mm	-
-200	HSK100A	250	200	171	73	32	C32	3-32mm	-
-250	HSK100A	300	250	221	73	32	C32	3-32mm	-
-300	HSK100A	350	300	271	73	32	C32	3-32mm	-
-C42-110	HSK100A	160	110	81	95	42	C42	3-42mm	-
-130	HSK100A	180	130	101	95	42	C42	3-42mm	-
-160	HSK100A	210	160	131	95	42	C42	3-42mm	-
-200	HSK100A	250	200	171	95	42	C42	3-42mm	-
-250	HSK100A	300	250	221	95	42	C42	3-42mm	-
-300	HSK100A	350	300	271	95	42	C42	3-42mm	-

¹ 特殊规格，需单独询价

¹ Special specifications, please inquire separately for pricing

HSK100A-C 型高精度强力刀柄

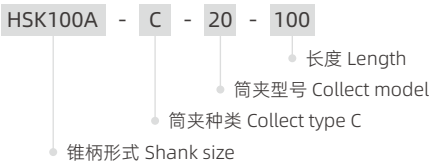
HSK100A-C Force Milling Chuck

> 特点 | Features

- 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锥锥面时滚动摩擦及脱落减至最小
- 可套装选购

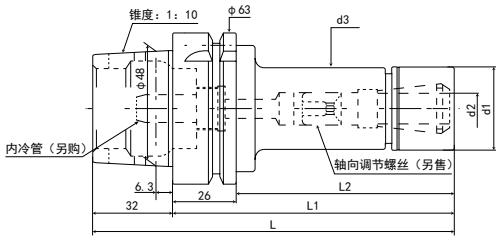
- Slitting
- In that case end mill shank or collet have oil or chips, divide the slitting into six in order to prevent slipping and to grip exactly
- Needle bearing
- It adopts two line arrangement in order to minimize rolling friction and to slip during slide by taper side
- But the coverall selects and purchases

> 命名方式 | Naming And Coding Rules



HSK63A-GER 筒夹刀柄

HSK63A-GER Collet Chuck



订货号 Ordering code	柄部 Handle	L	L1	L2	d1	d2	d3	T	重量 KGS
HSK63A-GER16-75 ¹	HSK63A	107	75	49	30.5	16	30	M10*1.0P	0.90
-100 ¹	HSK63A	132	100	74	30.5	16	30	M10*1.0P	1.10
-125 ¹	HSK63A	157	125	99	30.5	16	30	M10*1.0P	-
-160 ¹	HSK63A	192	160	134	30.5	16	30	M10*1.0P	1.40
-200 ¹	HSK63A	232	200	174	30.5	16	30	M10*1.0P	-
-GER20-75	HSK63A	107	75	49	36	20	36	M13*1.0P	1.00
-100	HSK63A	132	100	74	36	20	36	M13*1.0P	1.20
-125	HSK63A	157	125	99	36	20	36	M13*1.0P	-
-160	HSK63A	192	160	134	36	20	36	M13*1.0P	-
-200	HSK63A	232	200	174	36	20	36	M13*1.0P	-
-GER25-75	HSK63A	107	75	49	41	25	41	M18*1.5P	-
-100	HSK63A	132	100	74	41	25	41	M18*1.5P	-
-125	HSK63A	157	125	99	41	25	41	M18*1.5P	-
-160	HSK63A	192	160	134	41	25	41	M18*1.5P	-
-200	HSK63A	232	200	174	41	25	41	M18*1.5P	-
-GER32-100	HSK63A	132	100	74	50	32	50	M22*1.5P	-
-125	HSK63A	157	125	99	50	32	50	M22*1.5P	-
-160	HSK63A	192	160	134	50	32	50	M22*1.5P	-
-200	HSK63A	232	200	174	50	32	50	M22*1.5P	-

¹ 特殊规格，需单独询价

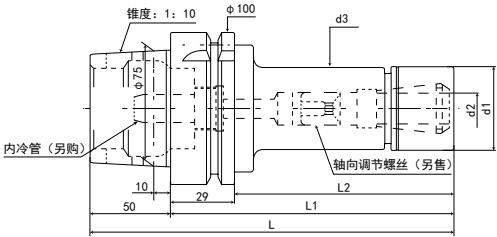
¹ Special specifications, please inquire separately for pricing

> 命名方式 | Naming And Coding Rules



HSK100A-GER 筒夹刀柄

HSK100A-GER Collet Chuck



订货号 Ordering code	柄部 Handle	L	L1	L2	d1	d2	d3	T	重量 KGS
HSK100A-GER16-100 ¹	HSK100A	150	100	71	30.5	16	30	M10*1.0P	-
-125 ¹	HSK100A	175	125	96	30.5	16	30	M10*1.0P	-
-160 ¹	HSK100A	210	160	131	30.5	16	30	M10*1.0P	-
-200 ¹	HSK100A	250	200	171	30.5	16	30	M10*1.0P	-
-GER20-100	HSK100A	150	100	71	36	20	36	M13*1.0P	-
-125	HSK100A	175	125	96	36	20	36	M13*1.0P	-
-160	HSK100A	210	160	131	36	20	36	M13*1.0P	-
-200	HSK100A	250	200	171	36	20	36	M13*1.0P	-
-GER25-100	HSK100A	150	100	71	41	25	41	M18*1.5P	-
-125	HSK100A	175	125	96	41	25	41	M18*1.5P	-
-160	HSK100A	210	160	131	41	25	41	M18*1.5P	-
-200	HSK100A	250	200	171	41	25	41	M18*1.5P	-
-GER32-100	HSK100A	150	100	71	50	32	50	M22*1.5P	-
-125	HSK100A	175	125	96	50	32	50	M22*1.5P	-
-160	HSK100A	210	160	131	50	32	50	M22*1.5P	-
-200	HSK100A	250	200	171	50	32	50	M22*1.5P	-

¹ 特殊规格，需单独询价

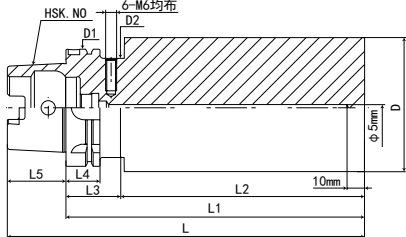
¹ Special specifications, please inquire separately for pricing

命名方式 | Naming And Coding Rules



HSK- 半精刀柄毛坯

HSK Semi-Finish Blank Holder



订货号 Orderingcode	柄部 Handle	L	L1	L2	L3	L4	L5	D	D1	D2	重量 KGS
HSK40A-D42-100 ¹	HSK40A	120	100	65	35	20	20	42	40	34	-
-180 ¹	HSK40A	200	180	145	35	20	20	42	40	34	-
HSK50A-D53-120 ¹	HSK50A	145	120	78	42	26	25	53	50	42	-
-160 ¹	HSK50A	185	160	118	42	26	25	53	50	42	-
-210 ¹	HSK50A	235	210	168	42	26	25	53	50	42	-
HSK63A-D63-100	HSK63A	132	100	58	42	26	32	63	63	53	-
-160	HSK63A	192	160	118	42	26	32	63	63	53	-
-210	HSK63A	242	210	168	42	26	32	63	63	53	-
-260	HSK63A	292	260	218	42	26	32	63	63	53	-
-330	HSK63A	362	330	288	42	26	32	63	63	53	-
-D83-150	HSK63A	182	150	108	42	26	32	83	63	53	-
-200	HSK63A	232	200	158	42	26	32	83	63	53	-
-250	HSK63A	282	250	208	42	26	32	83	63	53	-
-300	HSK63A	332	300	258	42	26	32	83	63	53	-
-D102-100	HSK63A	132	100	58	42	26	32	102	63	53	-
-150	HSK63A	182	150	108	42	26	32	102	63	53	-
-200	HSK63A	232	200	158	42	26	32	102	63	53	-
-250	HSK63A	282	250	208	42	26	32	102	63	53	-
-D127-100	HSK63A	132	100	58	42	26	32	127	63	53	-
-150	HSK63A	182	150	108	42	26	32	127	63	53	-

转下页 see next page →

HSK- 半精刀柄毛坯
HSK Semi-Fingish Blank Holder

订货号 Ordering code	柄部 Handle	L	L1	L2	L3	L4	L5	D	D1	D2	重量 KGS
-200	HSK63A	232	200	158	42	26	32	127	63	53	-
-B157-100	HSK63A	132	100	58	42	26	32	157	63	53	-
-150	HSK63A	182	150	108	42	26	32	157	63	53	-
-200	HSK63A	232	200	158	42	26	32	157	63	53	-
HSK80A-B83-100	HSK80A	140	100	58	42	26	40	83	80	67	-
-150	HSK80A	190	150	108	42	26	40	83	80	67	-
-200	HSK80A	240	200	158	42	26	40	83	80	67	-
-D127-200	HSK80A	240	200	158	42	26	40	127	80	67	-
HSK100A-D102-120	HSK100A	170	120	75	45	29	50	102	100	88	-
-150	HSK100A	200	150	105	45	29	50	102	100	88	-
-200	HSK100A	250	200	155	45	29	50	102	100	88	-
-250	HSK100A	300	250	205	45	29	50	102	100	88	-
-300	HSK100A	350	300	255	45	29	50	102	100	88	-
-350	HSK100A	400	350	305	45	29	50	102	100	88	-
-D127-120	HSK100A	170	120	75	45	29	50	127	100	88	-
-150	HSK100A	200	150	105	45	29	50	127	100	88	-
-200	HSK100A	250	200	155	45	29	50	127	100	88	-
-D157-120	HSK100A	170	120	75	45	29	50	157	100	88	-
-150	HSK100A	200	150	105	45	29	50	157	100	88	-
-200	HSK100A	250	200	155	45	29	50	157	100	88	-

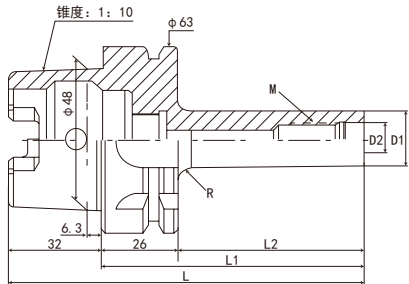
¹ 特殊规格，需单独询价

¹ Special specifications, please inquire separately for pricing

命名方式 | Naming And Coding Rules



HSK63A-M 锁牙式刀柄 (直柄)
HSK63A-M Theraded Chuck



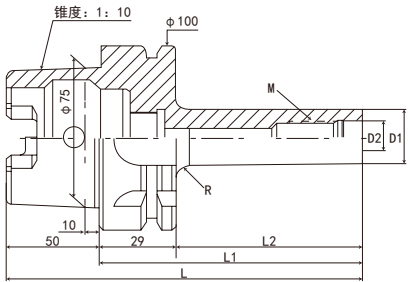
订货号 Ordering code	柄部 Handle	L	L1	L2	D1	D2	M	R	重量 KGS
HSK63A-M08-60	HSK63A	92	60	34	15.4	8.5	M8*1.25P	10	-
-90	HSK63A	122	90	64	15.4	8.5	M8*1.25P	10	-
-110	HSK63A	142	110	84	15.4	8.5	M8*1.25P	10	-
-M10-60	HSK63A	92	60	34	19	10.5	M10*1.5P	10	-
-90	HSK63A	122	90	64	19	10.5	M10*1.5P	10	-
-110	HSK63A	142	110	84	19	10.5	M10*1.5P	10	-
-M12-60	HSK63A	92	60	34	24	12.5	M12*1.75P	10	-
-90	HSK63A	122	90	64	24	12.5	M12*1.75P	10	-
-110	HSK63A	142	110	84	24	12.5	M12*1.75P	10	-
-M16-60	HSK63A	92	60	34	29	17	M16*2.0P	10	-
-90	HSK63A	122	90	64	29	17	M16*2.0P	10	-
-110	HSK63A	142	110	84	29	17	M16*2.0P	10	1.20

命名方式 | Naming And Coding Rules



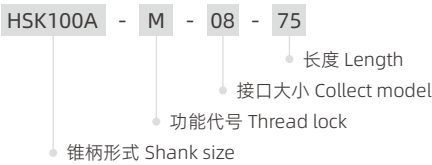
HSK100A-M 锁牙式刀柄 (直柄)

HSK100A-M Theraded Chuck



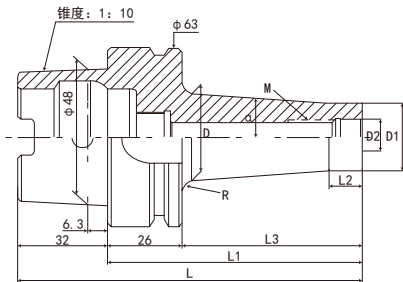
订货号 Ordering code	柄部 Handle	L	L1	L2	D1	D2	M	R	重量 KGS
HSK100A-M08-75	HSK100A	125	75	46	15.4	8.5	M8*1.25P	10	2.40
-90	HSK100A	140	90	61	15.4	8.5	M8*1.25P	10	2.40
-110	HSK100A	160	110	81	15.4	8.5	M8*1.25P	10	2.50
-M10-75	HSK100A	125	75	46	19	10.5	M10*1.5P	10	2.40
-90	HSK100A	140	90	61	19	10.5	M10*1.5P	10	2.50
-110	HSK100A	160	110	81	19	10.5	M10*1.5P	10	2.50
-M12-75	HSK100A	125	75	46	24	12.5	M12*1.75P	10	2.30
-90	HSK100A	140	90	61	24	12.5	M12*1.75P	10	2.60
-110	HSK100A	160	110	81	24	12.5	M12*1.75P	10	2.60
-M16-75	HSK100A	125	75	46	29	17	M16*2.0P	10	2.30
-90	HSK100A	140	90	61	29	17	M16*2.0P	10	2.40
-110	HSK100A	160	110	81	29	17	M16*2.0P	10	2.50

命名方式 | Naming And Coding Rules



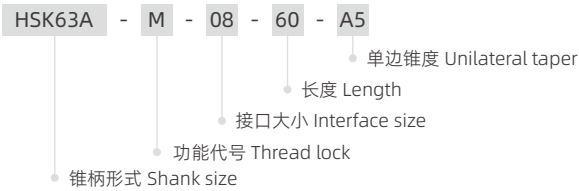
HSK63A-M 锁牙式刀柄 (斜柄)

HSK63A-M Theraded Chuck



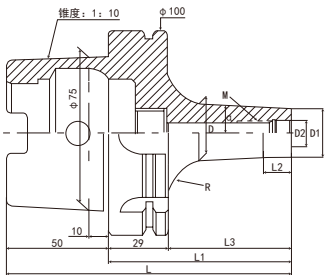
订货号 Ordering code	柄部 Handle	L	L1	L2	L3	D	D1	D2	M	α	R	重量 KGS
HSK63A-M08-60-A5	HSK63A	92	60	12	34	18	15.4	8.5	M8*1.25P	5°	5	-
-90L-A5	HSK63A	122	90	12	64	23	15.4	8.5	M8*1.25P	5°	5	-
-110L-A5	HSK63A	142	110	12	84	26.5	15.4	8.5	M8*1.25P	5°	5	-
-150L-A5	HSK63A	182	150	12	124	33.5	15.4	8.5	M8*1.25P	5°	5	-
-200L-A5	HSK63A	232	200	12	174	42.5	15.4	8.5	M8*1.25P	5°	5	-
-M10-60L-A4	HSK63A	92	60	12	34	21	19	10.5	M10*1.5P	4°	5	-
-90L-A4	HSK63A	122	90	12	64	25	19	10.5	M10*1.5P	4°	5	-
-110L-A4	HSK63A	142	110	12	84	28	19	10.5	M10*1.5P	4°	5	-
-150L-A4	HSK63A	182	150	12	124	33.5	19	10.5	M10*1.5P	4°	5	-
-200L-A4	HSK63A	232	200	12	174	40.5	19	10.5	M10*1.5P	4°	5	1.60
-M12-60L-A4	HSK63A	92	60	12	34	26	24	12.5	M12*1.75P	4°	5	-
-90L-A4	HSK63A	122	90	12	64	30	24	12.5	M12*1.75P	4°	5	-
-110L-A4	HSK63A	142	110	12	84	33	24	12.5	M12*1.75P	4°	5	-
-135L-A4	HSK63A	167	135	12	109	36.5	24	12.5	M12*1.75P	4°	5	-
-150L-A4	HSK63A	182	150	12	124	38.5	24	12.5	M12*1.75P	4°	5	-
-200L-A4	HSK63A	232	200	12	174	45.5	24	12.5	M12*1.75P	4°	5	-
-M16-60L-A4	HSK63A	92	60	12	34	31	29	17	M16*2.0P	4°	5	-
-90L-A4	HSK63A	122	90	12	64	35	29	17	M16*2.0P	4°	5	-
-110L-A4	HSK63A	142	110	12	84	38	29	17	M16*2.0P	4°	5	1.20
-135L-A4	HSK63A	167	135	12	109	41.5	29	17	M16*2.0P	4°	5	-
-150L-A4	HSK63A	182	150	12	124	43.5	29	17	M16*2.0P	4°	5	-
-200L-A4	HSK63A	232	200	12	174	50.5	29	17	M16*2.0P	4°	5	2.30

命名方式 | Naming And Coding Rules



HSK100A-M 锁牙式刀柄 (斜柄)

HSK100A-M Theraded Chuck



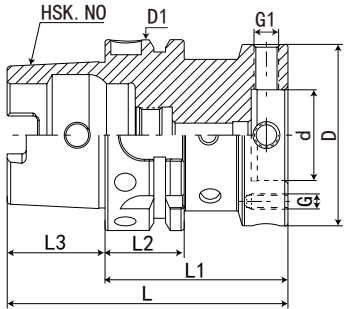
订货号 Ordering code	柄部 Handle	L	L1	L2	L3	D	D1	D2	M	α	R	重量 KGS
HSK100A-M08-75-A5	HSK100A	125	75	12	46	19	15.4	8.5	M8*1.25P	5°	10	2.40
-90-A5	HSK100A	140	90	12	61	21.5	15.4	8.5	M8*1.25P	5°	10	2.50
-110-A5	HSK100A	160	110	12	81	25	15.4	8.5	M8*1.25P	5°	10	2.50
-150-A5	HSK100A	200	150	12	121	32	15.4	8.5	M8*1.25P	5°	10	2.80
-200-A5	HSK100A	250	200	12	171	41	15.4	8.5	M8*1.25P	5°	10	3.30
-M10-75-A4	HSK100A	125	75	12	46	22	19	10.5	M10*1.5P	4°	10	2.50
-90-A4	HSK100A	140	90	12	61	24	19	10.5	M10*1.5P	4°	10	2.50
-110-A4	HSK100A	160	110	12	81	27	19	10.5	M10*1.5P	4°	10	2.60
-150-A4	HSK100A	200	150	12	121	32.5	19	10.5	M10*1.5P	4°	10	2.80
-200-A4	HSK100A	250	200	12	171	39.5	19	10.5	M10*1.5P	4°	10	3.50
-M12-75-A4	HSK100A	125	75	12	46	27	24	12.5	M12*1.75P	4°	10	2.50
-90-A4	HSK100A	140	90	12	61	29	24	12.5	M12*1.75P	4°	10	2.60
-110-A4	HSK100A	160	110	12	81	32	24	12.5	M12*1.75P	4°	10	2.50
-135-A4	HSK100A	185	135	12	106	35.5	24	12.5	M12*1.75P	4°	10	2.90
-150-A4	HSK100A	200	150	12	121	37.5	24	12.5	M12*1.75P	4°	10	3.00
-200-A4	HSK100A	250	200	12	171	44.5	24	12.5	M12*1.75P	4°	10	3.60
-M16-75-A4	HSK100A	125	75	12	46	32	29	17	M16*2.0P	4°	10	2.50
-90-A4	HSK100A	140	90	12	61	34	29	17	M16*2.0P	4°	10	2.80
-110-A4	HSK100A	160	110	12	81	37	29	17	M16*2.0P	4°	10	2.60
-135-A4	HSK100A	185	135	12	106	40.5	29	17	M16*2.0P	4°	10	2.80
-150-A4	HSK100A	200	150	12	121	42.5	29	17	M16*2.0P	4°	10	3.10
-200-A4	HSK100A	250	200	12	171	49.5	29	17	M16*2.0P	4°	10	4.00

> 命名方式 | Naming And Coding Rules



HSK-MOD 模块刀柄

HSK-MOD Modular Tool Holder



订货号 Ordering code	柄部 Handle	L	L1	L2	L3	D	D1	d	G1	G	重量 KGS
HSK63A-MOD060-060	HSK63A	92	60	26	32	60	63	30	M8*1.0P	M5*0.8P	1.30
-MOD070-060	HSK63A	92	60	26	32	70	63	35	M8*1.0P	M6*1.0P	1.40
-MOD080-060	HSK63A	92	60	26	32	80	63	40	M8*1.0P	M6*1.0P	1.50
-MOD100-065	HSK63A	97	65	26	32	100	63	50	M10*1.0P	M8*1.25P	2.10
-MOD117-065	HSK63A	97	65	26	32	117	63	60	M10*1.0P	M8*1.25P	2.50
HSK80A-MOD060-050 ¹	HSK80A	90	50	26	40	60	80	30	M8*1.0P	M5*0.8P	1.60
-MOD070-060 ¹	HSK80A	100	60	26	40	70	80	35	M8*1.0P	M6*1.0P	2.05
-MOD080-060 ¹	HSK80A	100	60	26	40	80	80	40	M8*1.0P	M6*1.0P	2.10
-MOD100-065 ¹	HSK80A	105	65	26	40	100	80	50	M10*1.0P	M8*1.25P	2.60
-MOD117-065 ¹	HSK80A	105	65	26	40	117	80	60	M10*1.0P	M8*1.25P	3.10
-MOD140-075 ¹	HSK80A	115	75	26	40	140	80	80	M10*1.0P	M8*1.25P	4.20
HSK100A-MOD060-055	HSK100A	105	55	29	50	60	100	30	M8*1.0P	M5*0.8P	2.80
-MOD070-055	HSK100A	105	55	29	50	70	100	35	M8*1.0P	M6*1.0P	2.80
-MOD080-055	HSK100A	105	55	29	50	80	100	40	M8*1.0P	M6*1.0P	3.05
-MOD100-065	HSK100A	115	65	29	50	100	100	50	M10*1.0P	M8*1.25P	3.70
-MOD117-065	HSK100A	115	65	29	50	117	100	60	M10*1.0P	M8*1.25P	4.05
-MOD140-075	HSK100A	125	75	29	50	140	100	80	M10*1.0P	M8*1.25P	5.20

¹ 特殊规格，需单独询价

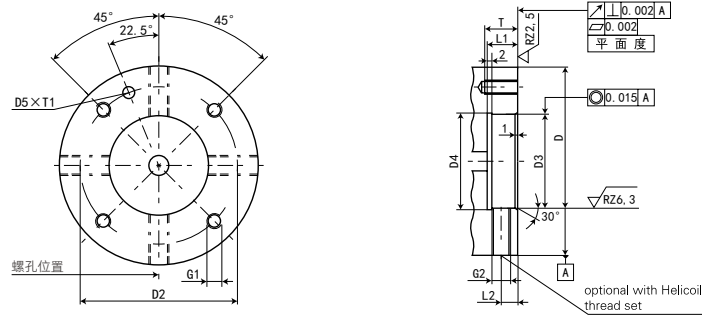
¹ Special specifications, please inquire separately for pricing

> 命名方式 | Naming And Coding Rules



HSK-MOD 模块刀柄

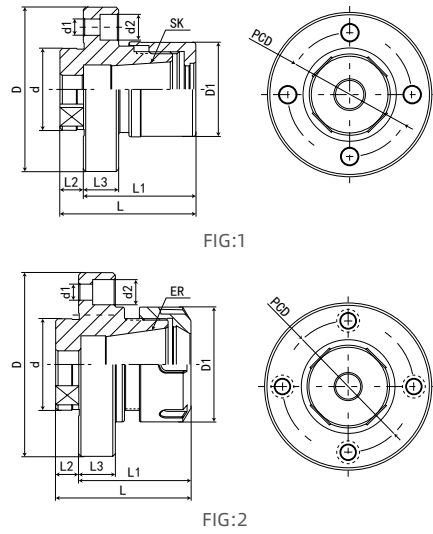
HSK-MOD Modular Tool Holder



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

MOD 法兰盘

MOD Flange Plate

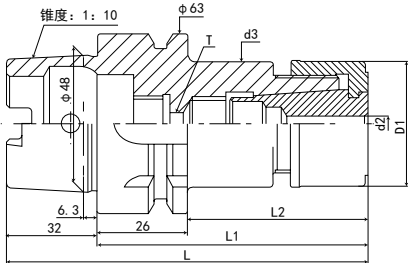


订货号 Ordering code	D	D1	d	d1	d2	L	L1	L2	L3	PCD	FIG
MOD060-GSK16-48	60	40	29.85	6	9	58	48	10	15	44	1
MOD070-GSK16-48	70	40	34.85	7	11	58	48	10	15	53	1
MOD080-GSK16-49	80	40	39.85	7	11	59	49	10	16	63	1
MOD080-ER32-49	80	50	39.85	7	11	59	49	10	16	63	2
MOD100-ER40-63	100	63	49.85	9	14	75	63	12	18	79	2

> 命名方式 | Naming And Coding Rules



HSK63A-GSK 筒夹刀柄
HSK63A-GSK Collet Chuck



订货号 Ordering code	柄部 Handle	L	L1	L2	D1	d2	d3	T	重量 KGS
HSK63A-GSK06-70 ¹	HSK63A	102	70	44	19.5	2-6mm	20	M10*1.0P	1.00
-100 ¹	HSK63A	132	100	74	19.5	2-6mm	20	M10*1.0P	1.00
-120 ¹	HSK63A	152	120	94	19.5	2-6mm	20	M10*1.0P	-
-150 ¹	HSK63A	182	150	124	19.5	2-6mm	20	M10*1.0P	-
-GSK10-70	HSK63A	102	70	44	27.5	2-10mm	28	M10*1.0P	1.00
-100	HSK63A	132	100	74	27.5	2-10mm	28	M10*1.0P	1.00
-120	HSK63A	152	120	94	27.5	2-10mm	28	M10*1.0P	-
-150	HSK63A	182	150	124	27.5	2-10mm	28	M10*1.0P	1.50
-200	HSK63A	232	200	174	27.5	2-10mm	28	M10*1.0P	1.50
-GSK13-70	HSK63A	102	70	44	33	2-13mm	33	M16*1.0P	-
-100	HSK63A	132	100	74	33	2-13mm	33	M16*1.0P	-
-120	HSK63A	152	120	94	33	2-13mm	33	M16*1.0P	-
-150	HSK63A	182	150	124	33	2-13mm	33	M16*1.0P	-
-200	HSK63A	232	200	174	33	2-13mm	33	M16*1.0P	-
-GSK16-75	HSK63A	107	75	49	40	2-16mm	40	M16*1.0P	1.00
-100	HSK63A	132	100	74	40	2-16mm	40	M16*1.0P	1.50
-120	HSK63A	152	120	94	40	2-16mm	40	M16*1.0P	-
-150	HSK63A	182	150	124	40	2-16mm	40	M16*1.0P	2.00
-200	HSK63A	232	200	174	40	2-16mm	40	M16*1.0P	2.20

转下页 see next page →

HSK63A-GSK 筒夹刀柄
HSK63A-GSK Collet Chuck

订货号 Ordering code	柄部 Handle	L	L1	L2	D1	d2	d3	T	重量 KGS
-GSK20-100	HSK63A	132	100	74	48	2-20mm	48	M16*1.0P	1.50
-150	HSK63A	182	150	124	48	2-20mm	48	M16*1.0P	2.10
-200	HSK63A	232	200	174	48	2-20mm	48	M16*1.0P	2.80
-GSK25-100	HSK63A	132	100	74	50	2-25mm	50	M18*1.0P	1.50

¹ 特殊规格，需单独询价

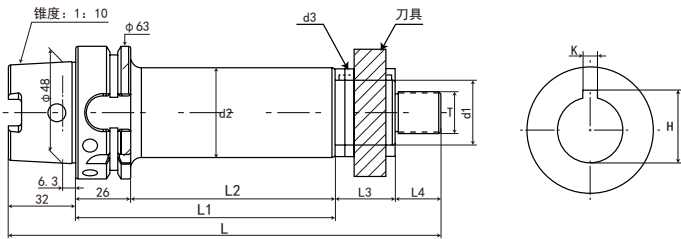
¹ Special specifications, please inquire separately for pricing

命名方式 | Naming And Coding Rules



HSK63A-SCA 侧铣刀柄

HSK63A-SCA Side Cutter Adaptor



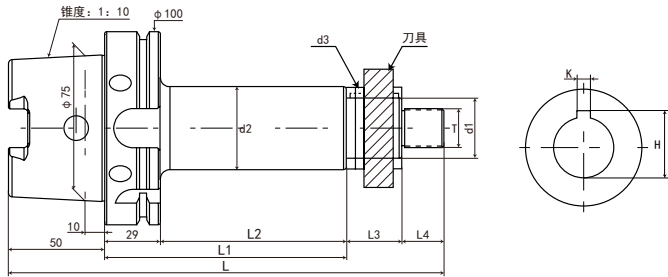
订货号 Ordering code	柄部 Handle	L	L1	L2	L3	L4	d1	d2	d3	K	H	T	重量 KGS
HSK63A-SCA16-60	HSK63A	138	60	34	30	16	16	26	26	4	17.7	M14*1.5P	-
-SCA22-60	HSK63A	144	60	34	30	22	22	34	34	6	24.3	M20*1.5P	-
-120	HSK63A	204	120	94	30	22	22	34	34	6	24.3	M20*1.5P	-
-SCA27-75	HSK63A	165	75	49	30	28	27	40	40	7	30	M24*1.5P	-
-120	HSK63A	165	120	94	30	28	27	40	40	7	30	M24*1.5P	-
-SCA32-90	HSK63A	184	90	64	30	32	32	47	47	8	35	M30*1.5P	-
-120	HSK63A	214	120	94	30	32	32	47	47	8	35	M30*1.5P	-
-SCA40-90	HSK63A	192	90	64	30	40	40	55	55	10	43.7	M36*2.0P	-

> 命名方式 | Naming And Coding Rules



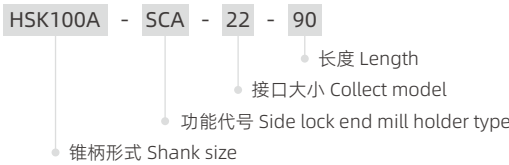
HSK100A-SCA 侧铣刀柄

HSK100A-SCA Side Cutter Adaptor

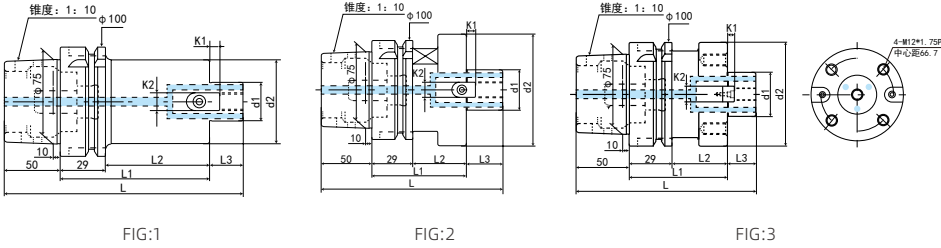


订货号 Ordering code	柄部 Handle	L	L1	L2	L3	L4	d1	d2	d3	K	H	T	重量 KGS
HSK100A-SCA22-90	HSK100A	192	90	61	30	22	22	34	34	6	24.3	M20*1.5P	-
-135	HSK100A	237	135	106	30	22	22	34	34	6	24.3	M20*1.5P	-
-SCA27-90	HSK100A	198	90	61	30	28	27	40	40	7	30	M24*1.5P	-
-135	HSK100A	243	135	106	30	28	27	40	40	7	30	M24*1.5P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

> 命名方式 | Naming And Coding Rules



芯轴基础柄 HSK 系列
Arbor Connection with HSK Adaptor



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	L	L1	L2	L3	d1	d2	K1	K2	M	FIG	重量 Weight
HSK63A-FMB16-050	99	50	24	17	16	37	3.2	8	M8*1.25P	1	-
HSK63A-FMB16-100	149	100	74	17	16	37	3.2	8	M8*1.25P	1	1.40
HSK63A-FMB16-150	199	150	134	17	16	37	3.2	8	M8*1.25P	1	-
HSK63A-FMB22-050	100	50	24	18	22	47	4.8	10	M10*1.5P	1	1.20
HSK63A-FMB22-100	150	100	74	18	22	47	4.8	10	M10*1.5P	1	1.80
HSK63A-FMB22-150	200	150	124	18	22	47	4.8	10	M10*1.5P	1	2.50
HSK63A-FMB22-200	250	200	174	18	22	47	4.8	10	M10*1.5P	1	3.00
HSK63A-FMB22-250	300	250	224	18	22	47	4.8	10	M10*1.5P	1	4.10
HSK63A-FMB22-300	350	300	274	18	22	47	4.8	10	M10*1.5P	1	4.40
HSK63A-FMB27- 060	112	60	34	20	27	60	5.8	12	M12*1.75P	1	1.50
HSK63A-FMB27-100	152	100	74	20	27	60	5.8	12	M12*1.75P	1	2.00
HSK63A-FMB27-150	202	150	124	20	27	60	5.8	12	M12*1.75P	1	2.90
HSK63A-FMB27-200	252	200	174	20	27	60	5.8	12	M12*1.75P	1	3.00
HSK63A-FMB27-250	302	250	224	20	27	60	5.8	12	M12*1.75P	1	4.50
HSK63A-FMB27-300	352	300	274	20	27	60	5.8	12	M12*1.75P	1	5.30
HSK63A-FMB32- 060	114	60	34	22	32	63	6.3	14	M16*2.0P	2	1.70
HSK63A-FMB32-100	154	100	74	22	32	63	6.3	14	M16*2.0P	2	2.30
HSK63A-FMB32-150	204	150	124	22	32	63	6.3	14	M16*2.0P	2	3.10
HSK63A-FMB32-200	254	200	174	22	32	63	6.3	14	M16*2.0P	2	3.90
HSK63A-FMB32-250	304	250	224	22	32	63	6.3	14	M16*2.0P	2	4.40
HSK63A-FMB40-060	117	60	274	25	40	78	8.3	16	M16*2.0P	2	2.30
HSK63A-FMB40-100	157	100	74	25	40	78	8.3	16	M16*2.0P	2	3.20

转下页 see next page →

芯轴基础柄 HSK 系列
Arbor Connection with HSK Adaptor

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	L	L1	L2	L3	d1	d2	K1	K2	M	FIG	重量 Weight
HSK63A-FMB40-150	207	150	124	25	40	78	8.3	16	M16*2.0P	2	3.60
HSK63A-FMB40-200	257	200	174	25	40	78	8.3	16	M16*2.0P	2	4.70
HSK63A-FMB40-250	307	250	224	25	40	78	8.3	16	M16*2.0P	2	-
HSK100A-FMB16-050	117	50	21	17	16	37	3.2	8	M16*2.1P	1	2.50
HSK100A-FMB16-100	167	100	71	17	16	37	3.2	8	M16*2.2P	1	2.90
HSK100A-FMB16-150	217	150	121	17	16	37	3.2	8	M16*2.3P	1	3.50
HSK100A-FMB16-200	267	200	171	17	16	37	3.2	8	M16*2.5P	1	3.90
HSK100A-FMB22-050	118	50	21	18	22	47	4.8	10	M16*2.6P	1	2.60
HSK100A-FMB22-100	168	100	71	18	22	47	4.8	10	M16*2.7P	1	3.30
HSK100A-FMB22-150	218	150	121	18	22	47	4.8	10	M16*2.8P	1	4.00
HSK100A-FMB22-200	268	200	171	18	22	47	4.8	10	M16*2.9P	1	5.00
HSK100A-FMB22-250	318	250	221	18	22	47	4.8	10	M16*2.10P	1	5.40
HSK100A-FMB22-300	368	300	271	18	22	47	4.8	10	M16*2.11P	1	5.90
HSK100A-FMB22-350	418	350	321	18	22	47	4.8	10	M16*2.12P	1	-
HSK100A-FMB22-400	468	400	371	18	22	47	4.8	10	M16*2.13P	1	-
HSK100A-FMB22-450	518	450	421	18	22	47	4.8	10	M16*2.14P	1	-
HSK100A-FMB22-500	568	500	471	18	22	47	4.8	10	M16*2.15P	1	-
HSK100A-FMB22-050	118	50	21	18	22	60	4.8	10	M16*2.16P	1	2.80
HSK100A-FMB22-100	168	100	71	18	22	60	4.8	10	M16*2.17P	1	4.00
HSK100A-FMB22-150	218	150	121	18	22	60	4.8	10	M16*2.18P	1	5.00
HSK100A-FMB22-200	268	200	171	18	22	60	4.8	10	M16*2.19P	1	6.00
HSK100A-FMB22-250	318	250	221	18	22	60	4.8	10	M16*2.20P	1	7.00
HSK100A-FMB22-300	368	300	271	18	22	60	4.8	10	M16*2.21P	1	8.10
HSK100A-FMB22-350	418	350	321	18	22	60	4.8	10	M16*2.22P	1	9.00
HSK100A-FMB22-400	468	400	371	18	22	60	4.8	10	M16*2.23P	1	11.00
HSK100A-FMB22-450	518	450	421	18	22	60	4.8	10	M16*2.24P	1	-
HSK100A-FMB22-500	568	500	471	18	22	60	4.8	10	M16*2.25P	1	-
HSK100A-FMB27-050	120	50	21	20	27	60	5.8	12	M16*2.26P	1	2.80
HSK100A-FMB27-100	170	100	71	20	27	60	5.8	12	M16*2.27P	1	4.00
HSK100A-FMB27-150	220	150	121	20	27	60	5.8	12	M16*2.28P	1	6.00
HSK100A-FMB27-200	270	200	171	20	27	60	5.8	12	M16*2.29P	1	6.30
HSK100A-FMB27-250	320	250	221	20	27	60	5.8	12	M16*2.30P	1	7.20

转下页 see next page →

芯轴基础柄 HSK 系列
Arbor Connection with HSK Adaptor

技术参数 | Technical parameters

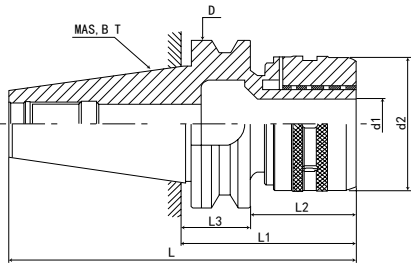
单位 | Unit: mm

订货号 Ordering code	L	L1	L2	L3	d1	d2	K1	K2	M	FIG	重量 Weight
HSK100A-FMB27-300	370	300	271	20	27	60	5.8	12	M16*2.31P	1	8.40
HSK100A-FMB27-350	420	350	321	20	27	60	5.8	12	M16*2.32P	1	9.70
HSK100A-FMB27-400	470	400	371	20	27	60	5.8	12	M12*1.75P	1	-
HSK100A-FMB27-450	520	450	421	20	27	60	5.8	12	M12*1.75P	1	-
HSK100A-FMB27-500	570	500	471	20	27	60	5.8	12	M12*1.75P	1	-
HSK100A-FMB27-050	122	50	21	20	27	76	5.8	12	M12*1.75P	1	-
HSK100A-FMB27-100	172	100	71	20	27	76	5.8	12	M12*1.75P	1	-
HSK100A-FMB27-150	222	150	121	20	27	76	5.8	12	M12*1.75P	1	-
HSK100A-FMB27-200	272	200	171	20	27	76	5.8	12	M12*1.75P	1	8.00
HSK100A-FMB32-050	122	50	21	22	32	80	6.8	14	M16*2.0P	1	3.40
HSK100A-FMB32-100	172	100	71	22	32	80	6.8	14	M16*2.0P	1	5.30
HSK100A-FMB32-150	222	150	121	22	32	80	6.8	14	M16*2.0P	1	-
HSK100A-FMB32-200	272	200	171	22	32	80	6.8	14	M16*2.0P	1	9.30
HSK100A-FMB32-250	322	250	221	22	32	80	6.8	14	M16*2.0P	1	11.20
HSK100A-FMB32-300	372	300	271	22	32	80	6.8	14	M16*2.0P	1	13.30
HSK100A-FMB32-050	122	50	21	22	32	96	6.8	14	M16*2.0P	2	-
HSK100A-FMB32-100	172	100	71	22	32	96	6.8	14	M16*2.0P	2	-
HSK100A-FMB32-150	222	150	121	22	32	96	6.8	14	M16*2.0P	2	-
HSK100A-FMB32-200	272	200	171	22	32	96	6.8	14	M16*2.0P	2	-
HSK100A-FMB40-060	135	60	31	25	40	88	8.3	16	M16*2.0P	1	4.10
HSK100A-FMB40-100	175	100	71	25	40	88	8.3	16	M16*2.0P	1	5.70
HSK100A-FMB40-150	225	150	121	25	40	88	8.3	16	M16*2.0P	1	7.70
HSK100A-FMB40-200	275	200	171	25	40	88	8.3	16	M16*2.0P	1	9.70
HSK100A-FMB40-250	325	250	221	25	40	88	8.3	16	M16*2.0P	1	11.60
HSK100A-FMB40-300	375	300	271	25	40	88	8.3	16	M16*2.0P	1	13.70
HSK100A-FMB40-060	135	60	31	25	40	100	8.3	16	M16*2.0P	2	-
HSK100A-FMB40-100	175	100	71	25	40	100	8.3	16	M16*2.0P	2	-
HSK100A-FMB40-150	225	150	121	25	40	100	8.3	16	M16*2.0P	2	-



BT CHUCK SERIES
BT刀柄系列

BT-C 型高精度强力刀柄
BT-C Force Milling Chuck



订货号 Ordering code	L	L1	L2	L3	D	d1	d2	夹持范围 Range	重量 KGS
BT30-C20-80 ¹	128.4	80	58	22	46	20	56	3 4 5 6 8 10 12 14 16 20	1.30
-C25-100 ¹	148.4	100	78	22	46	25	61	3 4 5 6 8 10 12 14 16 18 20 25	1.60
-C32-105 ¹	153.4	105	83	22	46	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	2.30
BT40-C20-100 ¹	165.4	100	73	27	63	20	56	3 4 5 6 8 10 12 14 16 20	2.00
-C25-100	165.4	100	73	27	63	25	61	3 4 5 6 8 10 12 14 16 18 20 25	2.20
-135	200.4	135	108	27	63	25	61	3 4 5 6 8 10 12 14 16 18 20 25	3.10
-C32-105	170.4	105	78	27	63	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	2.50
-135	200.4	135	108	27	63	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	3.10
-165	230.4	165	138	27	63	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	3.90
-200	265.4	200	173	27	63	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	4.60
-250	315.4	250	223	27	63	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	5.70
-C42-130	195.4	130	103	27	63	42	87	3 4 5 6 8 10 12 14 16 18 20 22 24 25 28 30 32 34 36 42	-
BT50-C25-110 ¹	211.8	110	72	38	100	25	61	3 4 5 6 8 10 12 14 16 18 20 25	4.80
-165 ¹	236.8	165	127	38	100	25	61	3 4 5 6 8 10 12 14 16 18 20 25	6.10
-C32-110	211.8	110	72	38	100	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	5.30
-135	236.8	135	97	38	100	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	6.00
-165	266.8	165	127	38	100	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	6.90
-200	301.8	200	162	38	100	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	7.80
-250	351.8	250	212	38	100	32	68	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	68	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	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	12.3

转下页 see next page →

BT-C 型高精度强力刀柄
BT-C Force Milling Chuck

订货号 Ordering code	L	L1	L2	L3	D	d1	d2	夹持范围 Range	重量 KGS
-400	501.8	400	362	38	100	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	-
-450	551.8	450	412	38	100	32	68	3 4 5 6 8 10 12 14 16 18 20 22 24 25 32	-
-C42-135	236.8	135	97	38	100	42	87	3 4 5 6 8 10 12 14 16 18 20 22 24 25 28 30 32 34 36 42	6.20
-165	266.8	165	127	38	100	42	87	3 4 5 6 8 10 12 14 16 18 20 22 24 25 28 30 32 34 36 42	7.60
-200	301.8	200	162	38	100	42	87	3 4 5 6 8 10 12 14 16 18 20 22 24 25 28 30 32 34 36 42	9.00

¹ 特殊规格，需单独询价

¹ Special specifications, please inquire separately for pricing

特点 | Features

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

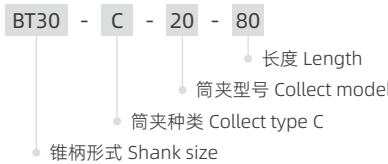
- 采用特殊材料制作滚针轴承保持架，延长使用寿命，增强夹紧力
- 具有夹持力大，定点精度高，特别适用于强力切削
- 可提供两种外观：光饰或涂层处理
- 内孔多次研磨，可达 Ra0.4，起到镜面效果
- 外圆及端面多次研磨，可达 Ra0.4，起到镜面效果

- 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

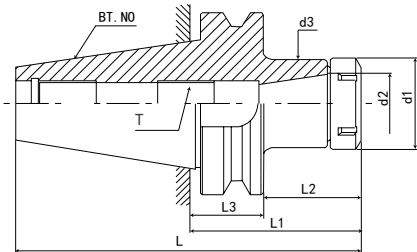
High speed, high accuracy, high durability C-STRAIGHT TOOL SERIES

- Material: 20CrMnTi/15CrMn
- Hardness: HRC58-60, Carbon depth > 0.8mm
- 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, cleanliness better, accuracy stable, surface more smooth, antirust, feel comfortable, appearance nice
- The spanner, pull stud chuck must purchase alone

命名方式 | Naming And Coding Rules



BT30-ER 弹性筒夹刀柄
BT30-ER Collet Chuck



订货号 Ordering code	L	L1	L2	L3	d1	d2	d3	T	夹持范围 Range	重量 KGS
BT30-ER11-60 ¹	108.4	60	38	22	16	11	16	M6*1.0P	1-7mm	0.53
-ER11-100 ¹	148.4	100	38	22	16	11	16	M6*1.0P	1-7mm	0.53
-ER16-60 ¹	108.4	60	38	22	28	16	28	M10*1.5P	1-10mm	0.58
-100 ¹	148.4	100	78	22	28	16	28	M10*1.5P	1-10mm	0.70
-ER20-60	108.4	60	38	22	34	20	34	M12*1.75P	1-13mm	0.63
-100	148.4	100	78	22	34	20	34	M12*1.75P	1-13mm	0.80
-150	198.4	150	128	22	34	20	34	M12*1.75P	1-13mm	1.50
-ER25-60	108.4	60	38	22	42	25	42	M16*2.0P	1-16mm	0.61
-100	148.4	100	78	22	42	25	42	M16*2.0P	1-16mm	1.00
-150	198.4	150	128	22	42	25	42	M16*2.0P	1-16mm	1.50
-ER32-60	108.4	60	38	22	50	32	50	M16*2.0P	2-20mm	0.70
-100	148.4	100	78	22	50	32	50	M16*2.0P	2-20mm	1.00
-150	198.4	150	128	22	50	32	50	M16*2.0P	2-20mm	1.55
-ER40-80	128.4	80	58	22	63	40	63	M20*2.0P	2-26mm	1.00

¹ 特殊规格，需单独询价

¹ Special specifications, please inquire separately for pricing

BT30-ER 弹性筒夹刀柄
BT30-ER Collet Chuck

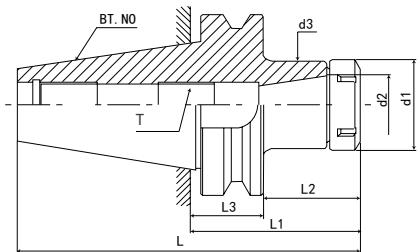
特点 | Features

- 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
- 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

命名方式 | Naming And Coding Rules



BT40-ER 弹性筒夹刀柄
BT40-ER Collet Chuck



订货号 Ordering code	L	L1	L2	L3	d1	d2	d3	T	夹持范围 Range	重量 KGS
BT40-ER11-70 ¹	135.4	70	43	27	16	11	16	M6*1.0P	1-7mm	1.15
-ER11-100 ¹	165.4	100	73	27	16	11	16	M6*1.0P	1-7mm	1.20
-150 ¹	215.4	150	123	27	16	11	16	M6*1.0P	1-7mm	1.50
-ER16-70 ¹	135.4	70	43	27	28	16	28	M10*1.5P	1-10mm	1.30
-100 ¹	165.4	100	73	27	28	16	28	M10*1.5P	1-10mm	1.30
-150 ¹	215.4	150	123	27	28	16	28	M10*1.5P	1-10mm	1.60
-200 ¹	265.4	200	173	27	28	16	28	M10*1.5P	1-10mm	1.70
-250 ¹	315.4	250	223	27	28	16	28	M10*1.5P	1-10mm	2.00
-300 ¹	365.4	300	273	27	28	16	28	M10*1.5P	1-10mm	2.30
-ER20-70	135.4	70	43	27	34	20	34	M12*1.75P	1-13mm	1.20
-100	165.4	100	73	27	34	20	34	M12*1.75P	1-13mm	1.40
-150	215.4	150	123	27	34	20	34	M12*1.75P	1-13mm	1.70
-200	265.4	200	173	27	34	20	34	M12*1.75P	1-13mm	2.00
-250	315.4	250	223	27	34	20	34	M12*1.75P	1-13mm	2.10
-300	365.4	300	273	27	34	20	34	M12*1.75P	1-13mm	2.40
-ER25-70	135.4	70	43	27	42	25	42	M16*2.0P	1-16mm	1.30
-100	165.4	100	73	27	42	25	42	M16*2.0P	1-16mm	1.60
-150	215.4	150	123	27	42	25	42	M16*2.0P	1-16mm	2.05
-200	265.4	200	173	27	42	25	42	M16*2.0P	1-16mm	2.50
-250	315.4	250	223	27	42	25	42	M16*2.0P	1-16mm	3.05
-300	365.4	300	273	27	42	25	42	M16*2.0P	1-16mm	3.55

转下页 see next page →

BT40-ER 弹性筒夹刀柄
BT40-ER Collet Chuck

订货号 Ordering code	L	L1	L2	L3	d1	d2	d3	T	夹持范围 Range	重量 KGS
-ER32-70	135.4	70	43	27	50	32	50	M16*2.0P	2-20mm	1.40
-100	165.4	100	73	27	50	32	50	M16*2.0P	2-20mm	1.70
-150	215.4	150	123	27	50	32	50	M16*2.0P	2-20mm	2.40
-200	265.4	200	173	27	50	32	50	M16*2.0P	2-20mm	3.15
-250	315.4	250	223	27	50	32	50	M16*2.0P	2-20mm	4.00
-300	365.4	300	273	27	50	32	50	M16*2.0P	2-20mm	4.40
-ER40-80	145.4	80	53	27	63	40	63	M20*2.0P	2-26mm	1.50
-100	165.4	100	73	27	63	40	63	M20*2.0P	2-26mm	2.10
-150	215.4	150	123	27	63	40	63	M20*2.0P	2-26mm	3.20
-200	265.4	200	173	27	63	40	63	M20*2.0P	2-26mm	3.30
-250	315.4	250	223	27	63	40	63	M20*2.0P	2-26mm	4.20
-300	365.4	300	273	27	63	40	63	M20*2.0P	2-26mm	4.50
-ER50-100 ¹	165.4	100	43	27	78	50	78	M24*2.0P	6-34mm	1.15

¹ 特殊规格，需单独询价

¹ Special specifications, please inquire separately for pricing

特点 | Features

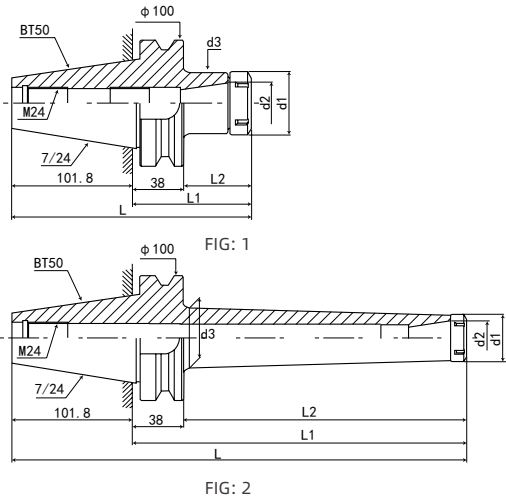
- 本体锥柄规格：JIS MAS 403 BT
- 配用 ER 弹性筒夹，可适用于夹持铣刀、钻头、丝锥
- 装置时筒夹必需先置入螺母，再装入刀具，接着锁固入本体
- 适用专用扳手，不可用其它工具，可能造成刀体损坏
- 扳手、拉钉、筒夹须另行购买

- 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

命名方式 | Naming And Coding Rules



BT50-ER 弹性筒夹刀柄
BT50-ER Collet Chuck



订货号 Ordering code	L	L1	L2	L3	d1	d2	d3	FIG	夹持范围 Range	重量 KGS
BT50-ER16-80 ¹	171.8	80	42	38	28	16	28	1	1-10mm	-
-100 ¹	201.8	100	62	38	28	16	28	1	1-10mm	3.90
-150 ¹	251.8	150	112	38	28	16	28	1	1-10mm	4.20
-200 ¹	301.8	200	162	38	28	16	28	1	1-10mm	4.30
-250 ¹	351.8	250	212	38	28	16	31	2	1-10mm	4.70
-300 ¹	401.8	300	262	38	28	16	33	2	1-10mm	5.50
-350 ¹	451.8	350	312	38	28	16	35	2	1-10mm	6.30
-ER20-80	181.8	80	42	38	34	20	34	1	1-13mm	3.80
-100	201.8	100	62	38	34	20	34	1	1-13mm	4.00
-150	251.8	150	112	38	34	20	34	1	1-13mm	4.30
-200	301.8	200	162	38	34	20	34	1	1-13mm	4.60
-250	351.8	250	212	38	34	20	37	2	1-13mm	5.00
-300	401.8	300	262	38	34	20	39	2	1-13mm	5.45
-350	451.8	350	312	38	34	20	41	2	1-13mm	5.10
-400	501.8	400	362	38	34	20	43	2	1-13mm	6.40

转下页 see next page →

BT50-ER 弹性筒夹刀柄
BT50-ER Collet Chuck

订货号 Ordering code	L	L1	L2	L3	d1	d2	d3	FIG	夹持范围 Range	重量 KGS
-ER25-80	181.8	80	42	38	42	25	42	1	1-16mm	4.00
-100	201.8	100	62	38	42	25	42	1	1-16mm	4.10
-150	251.8	150	112	38	42	25	42	1	1-16mm	4.60
-200	301.8	200	162	38	42	25	42	1	1-16mm	5.10
-250	351.8	250	212	38	42	25	45	2	1-16mm	5.80
-300	401.8	300	262	38	42	25	47	2	1-16mm	6.20
-350	451.8	350	312	38	42	25	49	2	1-16mm	7.00
-400	501.8	400	362	38	42	25	51	2	1-16mm	7.80
BT50-ER32-80	181.8	80	42	38	50	32	50	1	2-20mm	3.90
-100	201.8	100	62	38	50	32	50	1	2-20mm	4.20
-150	251.8	150	112	38	50	32	50	1	2-20mm	4.90
-200	301.8	200	162	38	50	32	50	1	2-20mm	5.70
-250	351.8	250	212	38	50	32	50	1	2-20mm	6.50
-300	401.8	300	262	38	50	32	53	2	2-20mm	7.20
-350	451.8	350	312	38	50	32	54	2	2-20mm	8.00
-400	501.8	400	362	38	50	32	56	2	2-20mm	8.90
-450	551.8	450	412	38	50	32	58	2	2-20mm	11.50
-500	601.8	500	462	38	50	32	60	2	2-20mm	12.50
-550	651.8	550	512	38	50	32	65	2	2-20mm	15.00
-600	701.8	600	562	38	50	32	68	2	2-20mm	16.00
-ER40-80	186.8	80	42	38	63	40	63	1	2-26mm	4.70
-100	201.8	100	62	38	63	40	63	1	2-26mm	5.20
-150	251.8	150	112	38	63	40	63	1	2-26mm	6.50
-200	301.8	200	162	38	63	40	63	1	2-26mm	7.50
-250	351.8	250	212	38	63	40	63	1	2-26mm	8.60
-300	401.8	300	262	38	63	40	66	2	2-26mm	9.80
-350	451.8	350	312	38	63	40	67	2	2-26mm	11.50
-400	501.8	400	362	38	63	40	70	2	2-26mm	13.50
-450	551.8	450	412	38	63	40	72	2	2-26mm	14.00

转下页 see next page →

BT50-ER 弹性筒夹刀柄

BT50-ER Collet Chuck

订货号 Ordering code	L	L1	L2	L3	d1	d2	d3	FIG	夹持范围 Range	重量 KGS
-500	601.8	500	462	38	63	40	73	2	2-26mm	16.50
-550	651.8	550	512	38	63	40	75	2	2-26mm	18.50
-600	701.8	600	562	38	63	40	78	2	2-26mm	21.00
-ER50-100 ¹	201.8	100	62	38	78	50	78	1	6-34mm	3.90
-150 ¹	251.8	150	112	38	78	50	78	1	6-34mm	6.20
-200 ¹	301.8	200	162	38	78	50	78	1	6-34mm	7.80

¹ 特殊规格，需单独询价

> 特点 | Features

- 本体锥柄规格：JIS MAS 403 BT
- 配用 ER 弹性筒夹，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

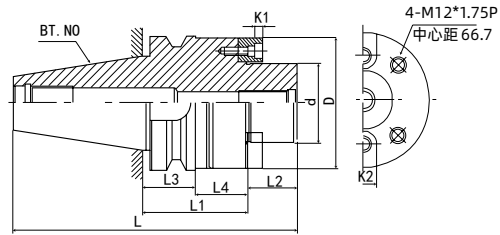
> 命名方式 | Naming And Coding Rules



- 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

BT-FMC 平面铣刀柄(四螺孔)

BT-FMC Face Mill Arbor(four screw holes)



配件 | Accessories



» P.F08

订货号 Ordering code	L1	L	L2	L3	L4	d	D	K1	K2	四螺孔中心距 (PCD)	重量 KGS
BT40-FMC40-60(四螺孔)	60	150.4	25	27	33	40	99	8.3	16	66.7	2.80
-100(四螺孔)	100	190.4	25	27	73	40	99	8.3	16	66.7	3.60
BT50-FMC40-60(四螺孔)	60	186.8	25	38	22	40	99	8.3	16	66.7	5.50
-100(四螺孔)	100	226.8	25	38	62	40	99	8.3	16	66.7	6.70
-150(四螺孔)	150	276.8	25	38	112	40	99	8.3	16	66.7	7.50
-200(四螺孔)	200	326.8	25	38	162	40	99	8.3	16	66.7	10.75
-250(四螺孔)	250	376.8	25	38	212	40	99	8.3	16	66.7	14.00
-300(四螺孔)	300	426.8	25	38	262	40	99	8.3	16	66.7	17.25
BT60-FMC40-75(四螺孔)	75	261.8	25	38	37	40	110	8.3	16	66.7	14.75
-100(四螺孔)	100	301.8	25	38	62	40	110	8.3	16	66.7	16.75

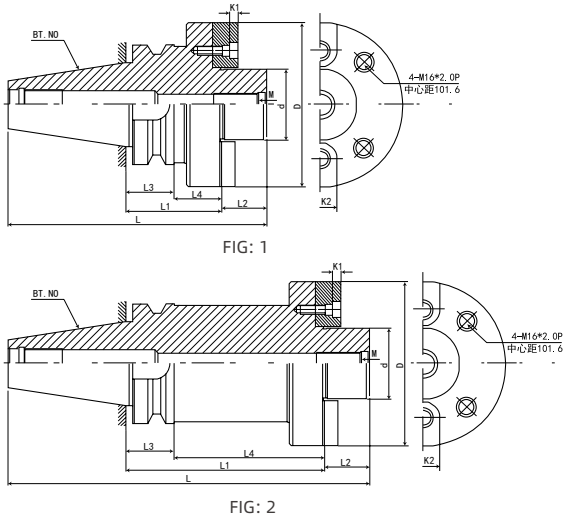
> 特点 | Features

- 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
- 可定制非常规长度
- 拉钉须另行购买
- 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
- Can be made upon requested dimensions
- The pull stud must purchase alone

> 命名方式 | Naming And Coding Rules



BT-FMC 平面铣刀柄
BT-FMC Face Mill Arbor



配件 | Accessories



» P.F08

订货号 Ordering code	L1	L	L2	L3	L4	d	D	K1	K2	四螺孔中心距	重量 KGS
BT40-FMC60-75	75	165.4	25	27	48	60	128.5	12.5	25.4	101.6	5.00
BT50-FMC60-75	75	201.8	25	38	37	60	128.5	12.5	25.4	101.6	8.50
-100	100	226.8	25	38	62	60	128.5	12.5	25.4	101.6	10.00
-150	150	276.8	25	38	112	60	128.5	12.5	25.4	101.6	13.50
-200	200	326.8	25	38	162	60	128.5	12.5	25.4	101.6	16.00
-250	250	376.8	25	38	212	60	128.5	12.5	25.4	101.6	19.00
-300	300	426.8	25	38	262	60	128.5	12.5	25.4	101.6	24.00
-350	350	476.8	25	38	312	60	128.5	12.5	25.4	101.6	28.00
-400	400	526.8	25	38	362	60	128.5	12.5	25.4	101.6	32.00
-450	450	576.8	25	38	412	60	128.5	12.5	25.4	101.6	36.00
-500	500	626.8	25	38	462	60	128.5	12.5	25.4	101.6	40.00

BT-FMC 平面铣刀柄
BT-FMC Face Mill Arbor

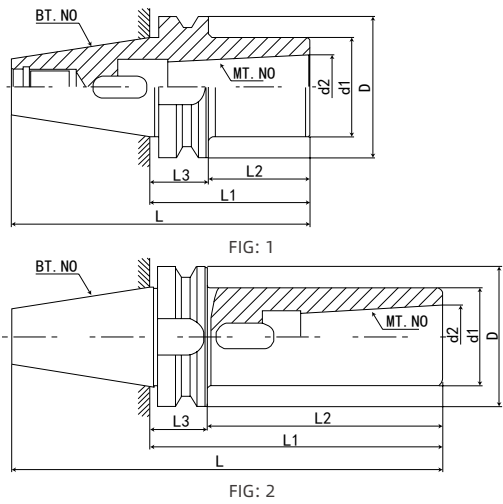
特点 | Features

- 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
- 可定制非常规长度
- 拉钉须另行购买
- 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
- Can be made upon requested dimensions
- The pull stud must purchase alone

命名方式 | Naming And Coding Rules



BT-MTA 带扁尾莫氏刀柄
BT-MTA Taper Adapter(Morse)



BT-MTA 带扁尾莫氏刀柄
BT-MTA Taper Adapter(Morse)

> 特点 | Features

- 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
- 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

> 命名方式 | Naming And Coding Rules

BT30 - MTA - 1 - 45

- 长度 Length
- 莫氏锥度号 Morse taper No.
- 有扁尾莫氏锥孔 Morse taper holder type A
- 锥柄形式 Shank size

配件 | Accessories



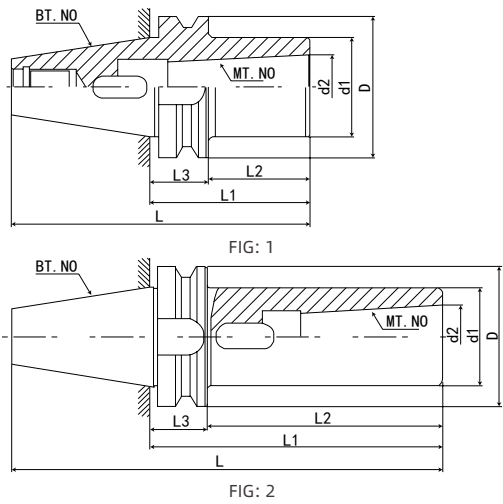
> P.F08

订货号 Ordering code	FIG	L	L1	L2	L3	D	d1	d2	夹持范围 Range	重量 KGS
BT40-MTA1-45 ¹	1	110.4	45	18	27	63	25	12.065	φ2-φ14	1.05
-120 ¹	2	185.4	120	93	27	63	25	12.065	φ2-φ14	1.40
-180 ¹	2	245.4	180	153	27	63	25	12.065	φ2-φ14	1.50
-MTA2-45	1	110.4	45	18	27	63	32	17.18	Φ14-Φ23	1.10
-120	2	185.4	120	93	27	63	32	17.18	Φ14-Φ23	1.85
-180	2	245.4	180	153	27	63	32	17.18	Φ14-Φ23	2.00
-MTA3-75	1	140.4	75	48	27	63	40	23.825	Φ23-Φ32	1.20
-135	2	200.4	135	108	27	63	40	23.825	Φ23-Φ32	1.90
-180	2	245.4	180	153	27	63	40	23.825	Φ23-Φ32	2.25
-MTA4-90	1	155.4	90	63	27	63	48	31.267	φ32-φ50	1.40
-165	2	230.4	165	138	27	63	48	31.267	φ32-φ50	2.50

¹ 特殊规格，需单独询价

¹ Special specifications, please inquire separately for pricing

BT50-MTA 带扁尾莫氏刀柄
BT50-MTA Taper Adapter(Morse)



配件 | Accessories



» P.F08

订货号 Ordering code	FIG	L	L1	L2	L3	D	d1	d2	夹持范围 Range	重量 KGS
BT50-MTA1-45	1	146.8	45	7	38	100	25	12.065	φ2-φ14	3.80
-120 ¹	2	221.8	120	82	38	100	25	12.065	φ2-φ14	4.30
-180 ¹	2	281.8	180	142	38	100	25	12.065	φ2-φ14	5.00
-200 ¹	2	301.8	200	162	38	100	25	12.065	φ2-φ14	5.20
-MTA2-60	1	161.8	60	22	38	100	32	17.825	φ14-φ23	4.00
-135	2	236.8	135	97	38	100	32	17.825	φ14-φ23	4.70
-180	2	281.8	180	142	38	100	32	17.825	φ14-φ23	5.00
-200	2	301.8	200	162	38	100	32	17.825	φ14-φ23	5.20
-MTA3-65	1	166.8	65	27	38	100	40	23.825	φ23-φ32	3.70
-75	1	176.8	75	37	38	100	40	23.825	φ23-φ32	3.80
-95	1	196.8	95	57	38	100	40	23.825	φ23-φ32	3.85
-150	2	251.8	150	112	38	100	40	23.825	φ23-φ32	5.00
-180	2	281.8	180	142	38	100	40	23.825	φ23-φ32	5.50
-200	2	301.8	200	162	38	100	40	23.825	φ23-φ32	6.00
-250	2	351.8	250	212	38	100	40	23.825	φ23-φ32	6.40
-300	2	401.8	300	262	38	100	40	23.825	φ23-φ32	6.80
-MTA4-75	1	176.8	75	37	38	100	48	31.267	φ32-φ50	4.20
-95	1	196.8	95	57	38	100	48	31.267	φ32-φ50	4.40

转下页 see next page →

BT50-MTA 带扁尾莫氏刀柄
BT50-MTA Taper Adapter(Morse)

订货号 Ordering code	FIG	L	L1	L2	L3	D	d1	d2	夹持范围 Range	重量 KGS
-150	2	251.8	150	112	38	100	48	31.267	φ32-φ50	5.00
-180	2	281.8	180	142	38	100	48	31.267	φ32-φ50	5.50
-200	2	301.8	200	162	38	100	48	31.267	φ32-φ50	5.70
-250	2	351.8	250	212	38	100	48	31.267	φ32-φ50	6.55
-300	2	401.8	300	262	38	100	48	31.267	φ32-φ50	6.95
-MTA5-105	1	206.8	105	67	38	100	65	44.399	φ50-φ75	4.00
-210	2	311.8	210	172	38	100	65	44.399	φ50-φ75	7.20
-300	2	401.8	300	262	38	100	65	45.399	φ50-φ75	10.50
-350	2	451.8	350	312	38	100	65	44.399	φ50-φ75	12.20
-MTA6-200	1	301.8	200	162	38	100	85	63.348	φ75-φ100	5.20
-280	2	381.8	280	242	38	100	85	63.348	φ75-φ100	10.00

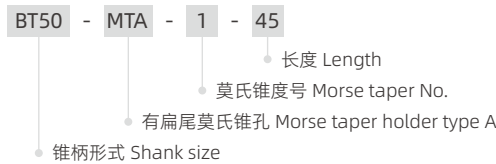
¹ 特殊规格，需单独询价

¹ Special specifications, please inquire separately for pricing

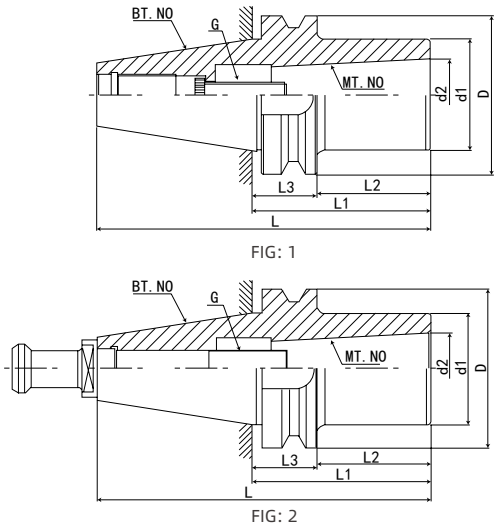
特点 | Features

- 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
- 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

命名方式 | Naming And Coding Rules



BT-MTB 无扁尾莫氏刀柄
BT-MTB Morse Taper Holder



配件 | Accessories



» P.F08

订货号 Ordering code	FIG	L	L1	L2	L3	D	d1	d2	螺杆 G	夹持铣刀范围	重量 KGS
BT40-MTB1-45	1	110.4	45	18	27	63	25	12.065	M6	φ10-φ14	1.05
-120	2	185.4	120	93	27	63	25	12.065	M6	φ10-φ14	1.40
-MTB2-45	1	110.4	45	18	27	63	32	17.18	M10	φ16-φ22	1.10
-120	1	185.4	120	93	27	63	32	17.18	M10	φ16-φ22	1.85
-MTB3-75	1	140.4	75	48	27	63	40	23.825	M12	φ24-φ32	1.20
-135	1	200.4	135	108	27	63	40	23.825	M12	φ24-φ32	1.90
-MTB4-90	2	155.4	90	63	27	63	48	31.267	M16	φ32-φ50	1.40
-165	2	230.4	165	138	27	63	48	31.267	M16	φ32-φ50	2.50
BT50-MTB1-45	1	146.8	45	7	38	100	25	12.065	M6	φ10-φ14	3.80
-120	2	221.8	120	82	38	100	25	12.065	M6	φ10-φ14	4.30
-180	2	281.8	180	142	38	100	25	12.065	M6	φ10-φ14	5.00
-MTB2-60	1	161.8	60	22	38	100	32	17.78	M10	φ16-φ22	4.00
-135	2	236.8	135	97	38	100	32	17.78	M10	φ16-φ22	4.70
-180	2	281.8	180	142	38	100	32	17.78	M10	φ16-φ22	5.00
-MTB3-75	1	166.8	75	37	38	100	40	23.825	M12	φ24-φ32	3.90
-150	2	251.8	150	112	38	100	40	23.825	M12	φ24-φ32	5.00
-180	2	281.8	180	142	38	100	40	23.825	M12	φ24-φ32	5.50
-MTB4-75	1	176.8	75	37	38	100	48	31.267	M16	φ32-φ50	4.20

转下页 see next page →

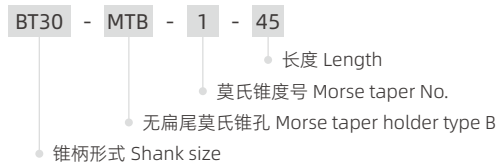
BT-MTB 无扁尾莫氏刀柄
BT-MTB Morse Taper Holder

订货号 Ordering code	FIG	L	L1	L2	L3	D	d1	d2	螺杆 G	夹持铣刀范围	重量 KGS
-90	1	191.8	90	52	38	100	48	31.267	M16	φ32-φ50	4.40
-150	2	251.8	150	112	38	100	48	31.267	M16	φ32-φ50	5.00
-180	2	281.8	180	142	38	100	48	31.267	M16	φ32-φ50	5.25
-200	2	301.8	200	162	38	100	48	31.267	M16	φ32-φ50	5.60
-250	2	351.8	250	212	38	100	48	31.267	M16	φ32-φ50	6.55
-300	2	401.8	300	262	38	100	48	31.267	M16	φ32-φ50	7.20
-MTB5-115	1	216.8	115	77	38	100	65	44.399	M20	φ40-φ75	4.30
-210	2	311.8	210	172	38	100	65	44.399	M20	φ40-φ75	7.20

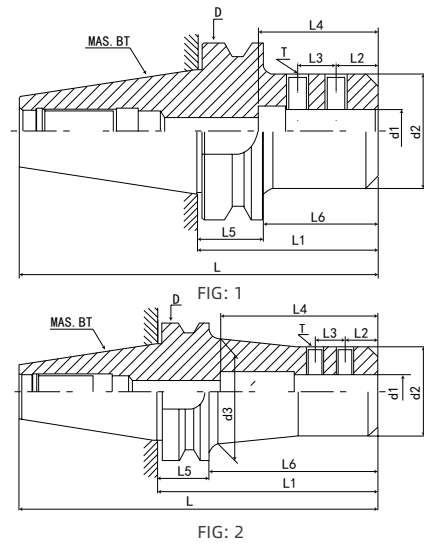
特点 | Features

- 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
- 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

命名方式 | Naming And Coding Rules



BT40-SLN 侧固式刀柄
BT40-SLN Side Lock End Mill Holder



配件 | Accessories



» P.F08

订货号 Ordering code	d1	d2	d3	L	L1	L2	L3	L4	L5	L6	D	T	Fig	重量 KGS
BT40-SLN6-75 ¹	6	25	-	140.4	75	12	10	50	27	48	63	M6	1	1.25
-SLN8-75 ¹	8	28	-	140.4	75	14	12	50	27	48	63	M8	1	1.30
-100 ¹	8	28	-	165.4	100	14	12	50	27	73	63	M8	1	1.35
-SLN10-75 ¹	10	35	-	140.4	75	15	14	55	27	48	63	M10	1	1.30
-100 ¹	10	35	-	165.4	100	15	14	55	27	73	63	M10	1	1.35
-SLN12-75 ¹	12	40	-	140.4	75	20	16	60	27	48	63	M10	1	1.32
-100 ¹	12	40	-	165.4	100	20	16	60	27	73	63	M10	1	1.35
-SLN32-100	32	65	-	165.4	100	24	28	120	27	73	63	M16	1	2.75
-150	32	58	63	215.4	150	24	28	120	27	123	63	M16	2	3.00
-200	32	58	63	265.4	200	24	28	120	27	173	63	M16	2	3.20
-SLN40-105	40	73	-	170.4	105	30	32	120	27	78	63	M16	1	3.50
-150	40	73	-	215.4	150	30	32	120	27	123	63	M16	1	4.00
-200	40	73	-	265.4	200	30	32	120	27	173	63	M16	2	4.50
-SLN42-110	42	73	-	175.4	110	30	32	120	27	83	63	M16	1	3.80

¹ 特殊规格，需单独询价

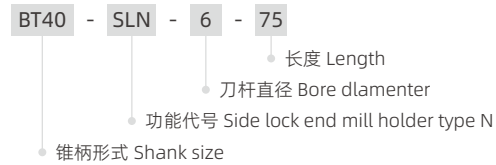
¹ Special specifications, please inquire separately for pricing

BT40-SLN 侧固式刀柄
BT40-SLN Side Lock End Mill Holder

> 特点 | Features

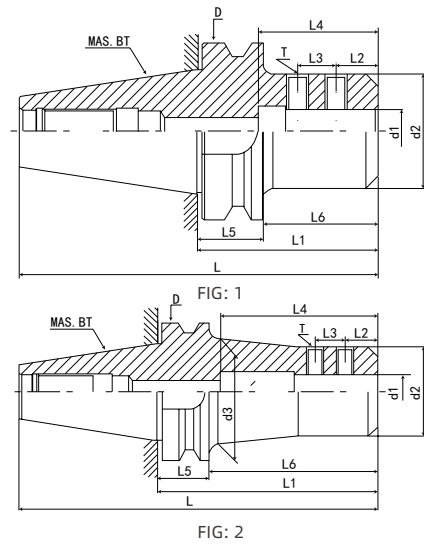
- 本体锥柄规格：JIS MAS 403 BT
- 孔径公差 H5
- 刚性夹持，用于重切削
- 侧固式刀柄被用作刀具的工具刀柄
- 装入刀具时，刀具的槽口平面部分与刀柄的侧固螺钉对齐，强力锁定
- 拉钉须另行购买

> 命名方式 | Naming And Coding Rules



- 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



配件 | Accessories



订货号 Ordering code	d1	d2	d3	L	L1	L2	L3	L4	L5	L6	D	T	Fig	重量 KGS
BT50-SLN6-100 ¹	6	25	-	201.8	100	12	10	50	38	62	100	M6	1	4.10
-SLN8-100 ¹	8	28	-	201.8	100	14	12	50	38	62	100	M8	1	4.15
-SLN10-100 ¹	10	35	-	201.8	100	15	14	55	38	62	100	M10	1	4.15
-SLN12-100 ¹	12	40	-	201.8	100	20	16	60	38	62	100	M10	1	4.15
BT50-SLN32-105	32	65	-	206.8	105	24	28	120	38	67	100	M16	1	6.00
-150	32	58	63	251.8	150	24	28	120	38	112	100	M16	2	6.50
-200	32	58	63	301.8	200	24	28	120	38	162	100	M16	2	7.50
-250	32	58	63	351.8	250	24	28	120	38	212	100	M16	2	8.00
-300	32	58	63	401.8	300	24	28	120	38	262	100	M16	2	8.50
-350	32	58	63	451.8	350	24	28	120	38	312	100	M16	2	9.00
-SLN40-115	40	80	-	216.8	115	30	32	120	38	77	100	M20	1	6.60
-150	40	70	75	251.8	150	30	32	120	38	112	100	M16	2	7.00
-200	40	70	75	301.8	200	30	32	120	38	162	100	M16	2	7.50
-250	40	70	75	351.8	250	30	32	120	38	212	100	M16	2	8.00
-300	40	70	75	401.8	300	30	32	120	38	262	100	M16	2	8.50
-350	40	70	75	451.8	350	30	32	120	38	312	100	M16	2	9.00
-SLN42-120	42	80	-	221.8	120	30	32	120	38	82	100	M20	1	6.50
-150	42	75	80	251.8	150	30	32	120	38	112	100	M20	1	7.50

转下页 see next page →

BT50-SLN 侧固式刀柄
BT50-SLN Side Lock End Mill Holder

订货号 Ordering code	d1	d2	d3	L	L1	L2	L3	L4	L5	L6	D	T	Fig	重量 KGS
-200	42	75	80	301.8	200	30	32	120	38	162	100	M20	1	8.50
-SLN50-120	50	90	-	221.8	120	35	35	120	38	82	100	M20	1	7.20
-150	50	85	90	251.8	150	35	35	120	38	112	100	M20	1	8.50
-200	50	85	90	301.8	200	35	35	120	38	162	100	M20	1	9.50
-SLN50.8-120 ¹	50.8	90	-	221.8	120	35	35	120	38	82	100	M20	1	7.30
-150 ¹	50.8	85	90	251.8	150	35	35	120	38	112	100	M20	1	8.50
-200 ¹	50.8	85	90	301.8	200	35	35	120	38	162	100	M20	1	9.50

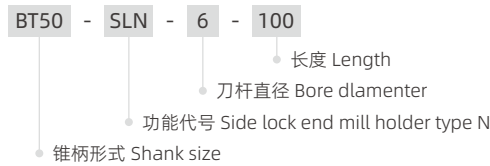
¹ 特殊规格，需单独询价

¹ Special specifications, please inquire separately for pricing

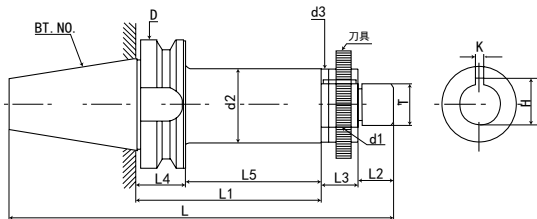
特点 | Features

- 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
- 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

命名方式 | Naming And Coding Rules



BT-SCA 侧铣刀柄
BT-SCA Side Cutter Adaptet



配 件 | Accessories



» P.F08

订货号 Ordering code	L	L1	L2	L3	L4	L5	D	d1	d2	d3	k	H	T	重量 KGS
BT40-SCA16-60	171.4	60	16	30	27	33	63	16	26	26	4	17.7	M14×1.5P	1.50
-SCA22-60	177.4	60	22	30	27	33	63	22	34	34	6	24.3	M20×1.5P	1.60
-75	192.4	75	22	30	27	48	63	22	34	34	6	24.3	M20×1.5P	1.70
-120	237.4	120	22	30	27	93	63	22	34	34	6	24.3	M20×1.5P	2.00
-SCA27-75	198.4	75	28	30	27	48	63	27	41	40	7	30	M24×1.5P	2.10
-120	243.4	120	28	30	27	93	63	27	41	40	7	30	M24×1.5P	2.50
-SCA32-90	217.4	90	32	30	27	63	63	32	47	47	8	35	M30×1.5P	2.60
-SCA22.22-75	192.4	75	22	30	27	48	63	22.22	34	34	3.17	24.6	M20×1.5P	1.70
-120	237.4	120	22	30	27	93	63	22.22	34	34	3.17	24.6	M20×1.5P	2.00
-SCA25.4-75	198.4	75	28	30	27	48	63	25.4	41	40	6.35	28.4	M24×1.5P	2.00
-120	243.4	120	28	30	27	93	63	25.4	41	40	6.35	28.4	M24×1.5P	2.40
-SCA31.75-90	217.4	90	32	30	27	63	63	31.75	47	47	7.93	34.8	M30×1.5P	2.60
BT50-SCA22-90	243.8	90	22	30	38	52	100	22	34	34	6	24.3	M20×1.5P	4.40
-135	288.8	135	22	30	38	97	100	22	34	34	6	24.3	M20×1.5P	4.70
-180	333.8	180	22	30	38	142	100	22	34	34	6	24.3	M20×1.5P	5.00
-SCA27-90	249.8	90	28	30	38	52	100	27	41	40	7	30	M24×1.5P	4.60
-135	294.8	135	28	30	38	97	100	27	41	40	7	30	M24×1.5P	5.00
-180	339.8	180	28	30	38	142	100	27	41	40	7	30	M24×1.5P	5.50

转下页 see next page →

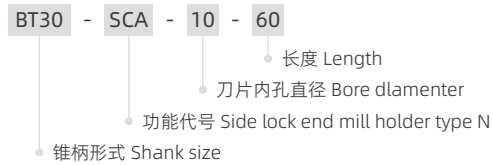
BT-SCA 侧铣刀柄
BT-SCA Side Cutter Adaptet

订货号 Ordering code	L	L1	L2	L3	L4	L5	D	d1	d2	d3	k	H	T	重量 KGS
-SCA32-90	253.8	90	32	30	38	52	100	32	47	47	8	35	M30×1.5P	4.70
-135	298.8	135	32	30	38	97	100	32	47	47	8	35	M30×1.5P	5.20
-180	343.8	180	32	30	38	142	100	32	47	47	8	35	M30×1.5P	5.70
-SCA40-90	261.8	90	40	30	38	52	100	40	55	55	10	43.7	M36×2.0P	5.00
-135	306.8	135	40	30	38	97	100	40	55	55	10	43.7	M36×2.0P	6.00
-180	351.8	180	40	30	38	142	100	40	55	55	10	43.7	M36×2.0P	7.00
-SCA22.22-90	243.8	90	22	30	38	52	100	22.22	34	34	3.17	24.6	M20×1.5P	4.40
-135	288.8	135	22	30	38	97	100	22.22	34	34	3.17	24.6	M20×1.5P	4.70
-SCA25.4-90	249.8	90	28	30	38	52	100	25.4	41	40	6.35	28.4	M24×1.5P	4.50
-135	294.8	135	28	30	38	97	100	25.4	41	40	6.35	28.4	M24×1.5P	4.90
-SCA31.75-90	253.8	90	32	30	38	52	100	31.75	47	47	7.93	34.8	M30×1.5P	4.70
-135	298.8	135	32	30	38	97	100	31.75	47	47	7.93	34.8	M30×1.5P	5.20
-SCA38.10-90	261.8	90	40	30	38	52	100	38.1	55	55	9.52	42.4	M36×2.0P	4.90
-135	306.8	135	40	30	38	97	100	38.1	55	55	9.52	42.4	M36×2.0P	5.90

特点 | Features

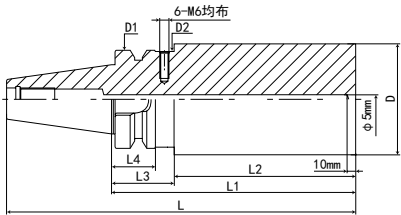
- 割槽刀，三面刃铣刀等使用时，为使用刀具与刀杆紧密接触，请调整垫片
- 选购刀柄，根据加工需要请确认装锯片卡位大小。不附带拉钉
- 拉钉须另行购买
- Shears the trough knife, when uses and so on three edge milling cutters, is uses the cutting tool and the cutter bar contacts closely, requests transfer the entire filling piece
- Selects and purchases the hilt, according to 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

命名方式 | Naming And Coding Rules



BT- 半精刀柄毛坯

BT Semi-Finish Blank Holder



配件 | Accessories



» P.F08

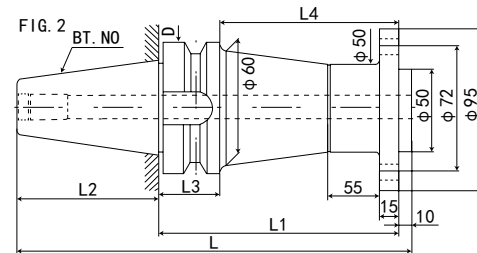
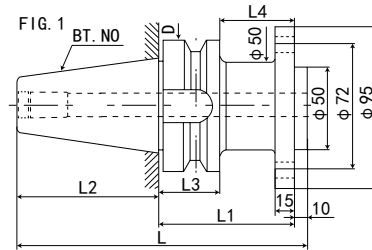
订货号 Ordering code	L	L1	L2	L3	L4	D	D1	D2	重量 KGS
BT30-D48-150	198.4	150	128	37	22	48	46	44	-
-200	248.4	200	178	37	22	48	46	44	-
-D53-100	198.4	150	128	37	22	53	46	44	-
-150	248.4	200	178	37	22	53	46	44	-
-200	298.4	250	228	37	22	53	46	44	-
BT40-D63-100	165.4	100	73	43	27	63	63	61	-
-150	215.4	150	123	43	27	63	63	61	-
-200	265.4	200	173	43	27	63	63	61	-
-250	315.4	250	223	43	27	63	63	61	-
-D83-150	215.4	150	123	43	27	83	63	61	-
-200	265.4	200	173	43	27	83	63	61	-
-250	315.4	250	223	43	27	83	63	61	-
BT50-D102-100	201.8	100	62	54	38	102	100	98	-
-150	251.8	150	112	54	38	102	100	98	-
-200	301.8	200	162	54	38	102	100	98	-
-250	351.8	250	212	54	38	102	100	98	-
-300	401.8	300	262	54	38	102	100	98	-
-D127-150	251.8	150	112	54	38	127	100	98	-
-200	301.8	200	162	54	38	127	100	98	-

命名方式 | Naming And Coding Rules



BT40-BST 镗孔组合刀柄

BT40-BST Rough Boring Tool Holder



配件 | Accessories



» P.F08

订货号 Ordering code	L	L1	L2	L3	L4	FIG	重量 KGS
BT40-BST-100	175.4	100	65.4	27	73	1	3.35
-150	225.4	150	65.4	27	123	1	3.50
-200	275.4	200	65.4	27	173	1	4.50
-250	325.4	250	65.4	27	223	2	5.00
-300	375.4	300	65.4	27	273	2	-

特点 | Features

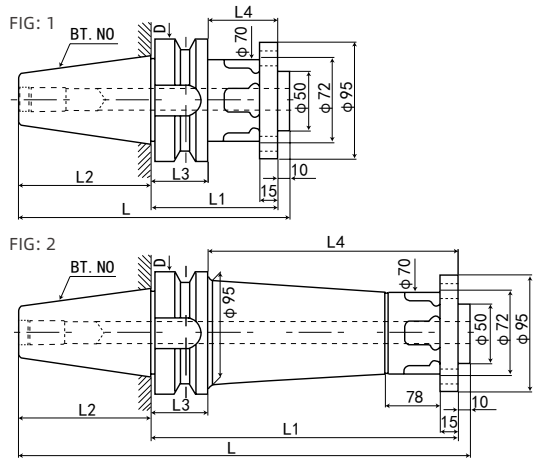
- 整支通孔，利于出水及抗震
 - 非标可订制（400L/450L/500L/600L）
 - 列表中的产品规格以库存实物为准
 - 拉钉须另行购买
- The entire through hole,favors the water leakage and quakeproof
 - Can be made upon requested Dimensions
 - The list of product's specifications reference to material object
 - The pull stud must purchase alone

命名方式 | Naming And Coding Rules



BT50-BST 镗孔组合刀柄

BT50-BST Rough Boring Tool Holder



配件 | Accessories



» P.F08

订货号 Ordering code	L	L1	L2	L3	L4	FIG	重量 KGS
BT50-BST-100	211.8	100	101.8	38	62	1	5.10
-150	261.8	150	101.8	38	112	1	6.85
-200	311.8	200	101.8	38	162	1	9.10
-250	361.8	250	101.8	38	212	1	9.50
-300	411.8	300	101.8	38	262	2	13.40
-350	461.8	350	101.8	38	312	2	15.75
-400	511.8	400	101.8	38	362	2	19.20
-450	561.8	450	101.8	38	412	2	21.50
-500	611.8	500	101.8	38	462	2	24.50
-550	661.8	550	101.8	38	512	2	-
-600	711.8	600	101.8	38	562	2	-

> 特点 | Features

- 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
- 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

> 命名方式 | Naming And Coding Rules

BT50 - BST - 100

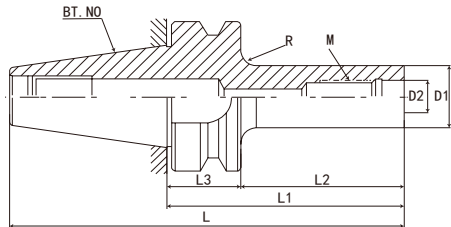
长度 Length

功能代号 Face mill holder type

锥柄形式 Shank size

BT40-M 螺纹连接刀柄 (直柄)

BT40-M Theraded Chuck



配件 | Accessories



» P.F08

订货号 Ordering code	L	L1	L2	L3	D1	D2	M	R	重量 KGS
BT40-M08-60	125.4	60	33	27	15.4	8.5	M8*1.25P	10	1.10
-90	155.4	90	63	27	15.4	8.5	M8*1.25P	10	1.20
-110	175.4	110	83	27	15.4	8.5	M8*1.25P	10	1.20
-M10-60	125.4	60	33	27	19	10.5	M10*1.5P	10	1.10
-90	155.4	90	63	27	19	10.5	M10*1.5P	10	1.10
-110	175.4	110	83	27	19	10.5	M10*1.5P	10	1.20
-M12-60	125.4	60	33	27	24	12.5	M12*1.75P	10	1.20
-90	155.4	90	63	27	24	12.5	M12*1.75P	10	1.30
-110	175.4	110	83	27	24	12.5	M12*1.75P	10	1.30
-M16-60	125.4	60	33	27	29	17	M16*2.0P	10	1.20
-90	155.4	90	63	27	29	17	M16*2.0P	10	1.30
-110	175.4	110	83	27	29	17	M16*2.0P	10	1.40

> 命名方式 | Naming And Coding Rules

BT40 - M - 08 - 60

长度 Length

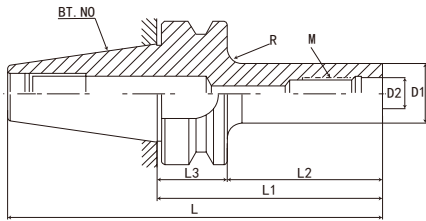
接口大小 Interface size

功能代号 Theraded chuck

锥柄形式 Shank size

BT50-M 螺纹连接刀柄 (直柄)

BT50-M Theraded Chuck



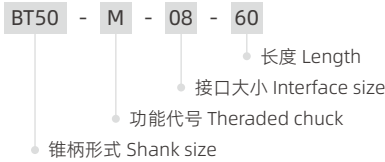
配件 | Accessories



» P.F08

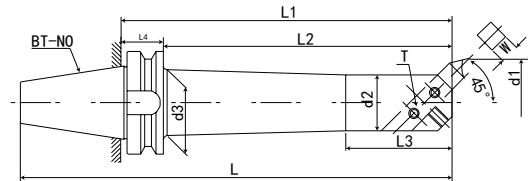
订货号 Ordering code	L	L1	L2	L3	D1	D2	M	R	重量 KGS
BT50-M08-60	161.8	60	22	38	15.4	8.5	M8*1.25P	10	-
-90	191.8	90	52	38	15.4	8.5	M8*1.25P	10	3.80
-110	211.8	110	72	38	15.4	8.5	M8*1.25P	10	3.80
-M10-60	161.8	60	22	38	19	10.5	M10*1.5P	10	-
-90	191.8	90	52	38	19	10.5	M10*1.5P	10	3.80
-110	211.8	110	72	38	19	10.5	M10*1.5P	10	3.80
-M12-60	161.8	60	22	38	24	12.5	M12*1.75P	10	-
-90	191.8	90	52	38	24	12.5	M12*1.75P	10	3.90
-110	211.8	110	72	38	24	12.5	M12*1.75P	10	3.90
-M16-60	161.8	60	22	38	29	17	M16*2.0P	10	3.90
-90	191.8	90	52	38	29	17	M16*2.0P	10	3.90
-110	211.8	110	72	38	29	17	M16*2.0P	10	3.90

命名方式 | Naming And Coding Rules



BT40-BSA 45°粗镗刀杆 (盲孔)

BT40-BSA 45° Degree Slant-Inserted Type Rough Boring Holders



配件 | Accessories



» P.F20



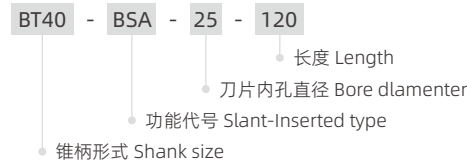
» P.F08

订货号 Ordering code	d1		d2	d3	L	L1	L2	L3	L4	W 方孔	T 螺孔	重量 KGS
	最小加工孔 Min	最大加工孔 Max										
BT40-BSA25-120	25	38	20	22	185.4	120	93	35	27	8	M6*1.0P	1.20
-BSA30-150	30	42	24	26	215.4	150	123	40	27	8	M6*1.0P	1.40
-BSA38-165	38	52	30	33	230.4	165	138	50	27	10	M8*1.25P	1.70
-BSA42-165	42	56	34	37	230.4	165	138	50	27	10	M8*1.25P	2.00
-BSA50-165	50	65	40	44	230.4	165	138	65	27	13	M8*1.25P	2.30
-BSA62-180	62	90	50	56	245.4	180	153	80	27	16	M10*1.5P	2.40
-BSA72-180	72	110	60	-	245.4	180	153	95	27	19	M10*1.5P	3.90
-BSA90-180	90	125	75	-	245.4	180	153	110	27	19	M10*1.5P	5.20

特点 | Features

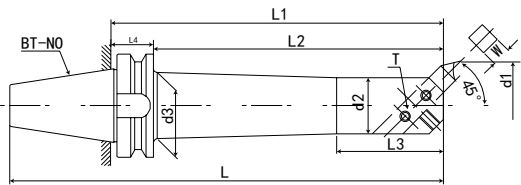
- 适用于孔径凹凸不平，毛胚粗糙之加工物
- 可选用四角形焊刃刀具或舍弃式刀具
- 镗盲孔专用
- 拉钉及镗刀头须另购
- Suitable for processing uneven aperture and rough wool embryo
- Selects the four square brazed or throw away cutting tool
- Particularly suitable for boring blind holes
- The pull stud must purchase alone

命名方式 | Naming And Coding Rules



BT50-BSA 45°粗镗刀杆 (盲孔)

BT50-BSA 45° Degree Slant-Inserted Type Rough Boring Holders



配件 | Accessories



» P.F20



» P.F08

订货号 Ordering code	d1		d2	d3	L	L1	L2	L3	L4	W 方孔	T 螺孔	重量 KGS
	最小加工孔 Min	最大加工孔 Max										
BT50-BSA25-135	25	38	20	22	236.8	135	97	35	38	8	M6*1.0P	4.20
-185	25	38	20	22	286.8	185	147	35	38	8	M6*1.0P	4.40
-BSA30-165	30	42	24	26	266.8	165	127	40	38	8	M6*1.0P	4.40
-BSA38-180	38	52	30	33	281.8	180	142	50	38	10	M8*1.25P	4.80
-240	38	52	30	33	341.8	240	202	50	38	10	M8*1.25P	5.00
-BSA42-210	42	56	34	37	311.8	210	172	60	38	10	M8*1.25P	5.00
-BSA50-180	50	65	40	44	281.8	180	142	65	38	13	M10*1.5P	5.40
-240	50	65	40	44	341.8	240	202	65	38	13	M10*1.5P	5.70
-300	50	65	40	44	401.8	300	262	65	38	13	M10*1.5P	6.00
-BSA62-195	62	90	50	56	296.8	195	157	80	38	16	M10*1.5P	6.20
-270	62	90	50	56	371.8	270	232	80	38	16	M10*1.5P	7.60
-350	62	90	50	56	451.8	350	312	80	38	16	M10*1.5P	9.00
-400	62	90	50	56	501.8	400	362	80	38	16	M10*1.5P	10.40
-BSA72-195	72	110	60	66	296.8	195	157	95	38	19	M10*1.5P	7.00
-285	72	110	60	66	386.8	285	247	95	38	19	M10*1.5P	9.20
-350	72	110	60	66	451.8	350	312	95	38	19	M10*1.5P	10.80
-400	72	110	60	66	501.8	400	362	95	38	19	M10*1.5P	12.40
-BSA90-210	90	125	75	80	311.8	210	172	110	38	19	M12*1.75P	9.30

转下页 see next page →

BT50-BSA 45°粗镗刀杆 (盲孔)

BT50-BSA 45° Degree Slant-Inserted Type Rough Boring Holders

订货号 Ordering code	d1		d2	d3	L	L1	L2	L3	L4	W 方孔	T 螺孔	重量 KGS
	最小加工孔 Min	最大加工孔 Max										
-300	90	125	75	80	401.8	300	262	110	38	19	M12*1.75P	12.30
-350	90	125	75	80	451.8	350	312	110	38	19	M12*1.75P	15.30
-BSA105-195	105	160	90	-	296.8	195	157	-	38	25	M12*1.75P	10.70
-285	105	160	90	94	386.8	285	247	130	38	25	M12*1.75P	15.00
-300	105	160	90	94	401.8	300	262	130	38	25	M12*1.75P	13.20
-BSA130-255	130	190	110	-	356.8	255	217	120	38	25	M12*1.75P	14.50
-300	130	190	110	-	401.8	300	262	120	38	25	M12*1.75P	18.50

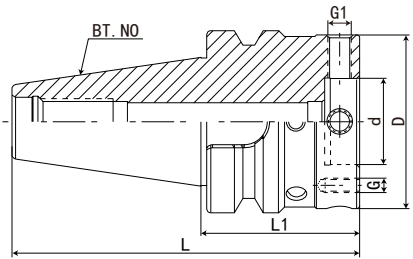
特点 | Features

- 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
- 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

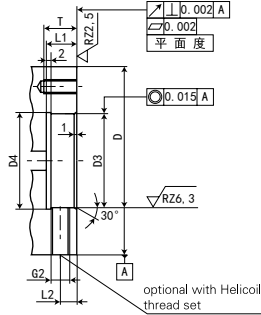
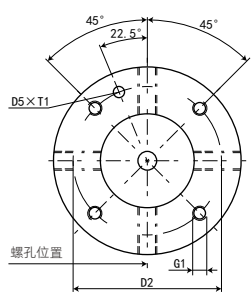
命名方式 | Naming And Coding Rules



BT50-BST 镗孔组合刀柄
BT50-BST Rough Boring Tool Holder



BT50-BST 镗孔组合刀柄
BT50-BST Rough Boring Tool Holder



配件 | Accessories

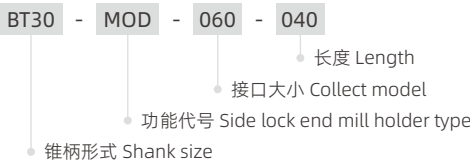


» P.F08

订货号 Ordering code	L	L1	D	d	G1	G	重量 KGS
BT40-MOD060-055	120.4	55	60	30	M8*1.0P	M5*0.8P	1.50
-MOD070-055	120.4	55	70	35	M8*1.0P	M6*1.0P	1.60
-MOD080-065	130.4	65	80	40	M8*1.0P	M6*1.0P	2.00
-MOD100-070	135.4	70	100	50	M10*1.0P	M8*1.25P	2.60
BT45-MOD060-065	147.8	65	60	30	M8*1.0P	M5*0.8P	3.00
-MOD070-065	147.8	65	70	35	M8*1.0P	M6*1.0P	3.10
-MOD080-065	147.8	65	80	40	M8*1.0P	M6*1.0P	3.30
-MOD100-075	157.8	75	100	50	M10*1.0P	M8*1.25P	3.50
-MOD117-075	157.8	75	117	60	M10*1.0P	M8*1.25P	4.40
BT50-MOD060-070	171.8	70	60	30	M8*1.0P	M5*0.8P	4.80
-MOD070-070	171.8	70	70	35	M8*1.0P	M6*1.0P	4.90
-MOD080-070	171.8	70	80	40	M8*1.0P	M6*1.0P	5.10
-MOD100-070	171.8	70	100	50	M10*1.0P	M8*1.25P	5.30
-MOD117-080	181.8	80	117	60	M10*1.0P	M8*1.25P	6.30
-MOD140-080	181.8	80	140	80	M10*1.0P	M8*1.25P	6.60

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

命名方式 | Naming And Coding Rules



MOD 法兰盘
MOD Flange Plate

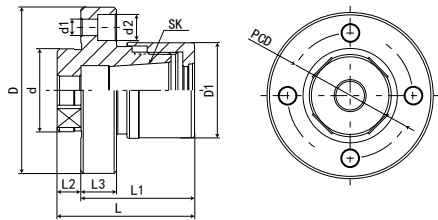


FIG: 1

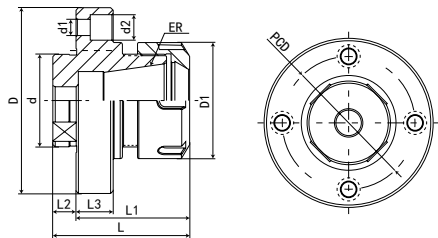
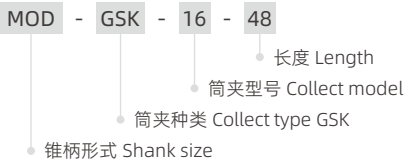


FIG: 2



订货号 Ordering code	D	D1	d	d1	d2	L	L1	L2	L3	PCD	FIG
MOD060-GSK16-48	60	40	29.85	6	9	58	48	10	15	44	1
MOD070-GSK16-48	70	40	34.85	7	11	58	48	10	15	53	1
MOD080-GSK16-49	80	40	39.85	7	11	59	49	10	16	63	1
MOD080-ER32-49	80	50	39.85	7	11	59	49	10	16	63	2
MOD100-ER40-63	100	63	49.85	9	14	75	63	12	18	79	2

命名方式 | Naming And Coding Rules



BT40-FMH 端面出水铣刀柄
BT40-FMH Face Mill Holder-Coolant Type

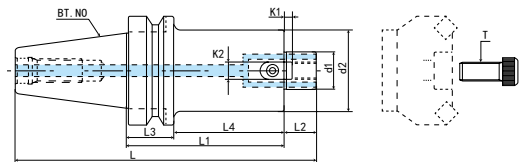


FIG: 1

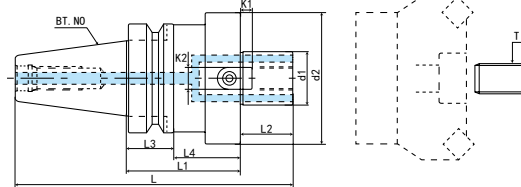


FIG: 2



配件 | Accessories



» P.F08

订货号 Ordering code	L1	L	L2	L3	L4	d	d2	K1	K2	M	FIG	重量 KGS
BT40-FMH16-60	60	142.4	17	27	33	16	38	3.2	8	M8*1.25P	1	1.30
-100	100	182.4	17	27	73	16	38	3.2	8	M8*1.25P	1	1.40
-FMH22-60	60	143.4	18	27	33	22	48	4.8	10	M10*1.5P	1	1.50
-100	100	183.4	18	27	73	22	48	4.8	10	M10*1.5P	1	2.05
-150	150	233.4	18	27	123	22	48	4.8	10	M10*1.5P	1	2.75
-200	200	283.4	18	27	173	22	48	4.8	10	M10*1.5P	1	3.60
-250	250	333.4	18	27	223	22	48	4.8	10	M10*1.5P	1	4.25
-300	300	383.4	18	27	273	22	48	4.8	10	M10*1.5P	1	4.90
-350	350	433.4	18	27	323	22	48	4.8	10	M10*1.5P	1	5.65
-400	400	483.4	18	27	373	22	48	4.8	10	M10*1.5P	1	6.40
-450	450	533.4	18	27	423	22	48	4.8	10	M10*1.5P	1	7.15
-500	500	583.4	18	27	473	22	48	4.8	10	M10*1.5P	1	7.90
-FMH27-60	60	145.4	20	27	33	27	58	5.8	12	M12*1.75P	1	2.35
-100	100	185.4	20	27	73	27	58	5.8	12	M12*1.75P	1	3.10
-150	150	235.4	20	27	123	27	58	5.8	12	M12*1.75P	1	3.90
-200	200	285.4	20	27	173	27	58	5.8	12	M12*1.75P	1	4.80
-250	250	335.4	20	27	223	27	58	5.8	12	M12*1.75P	1	5.70
-300	300	385.4	20	27	273	27	58	5.8	12	M12*1.75P	1	6.60

转下页 see next page →

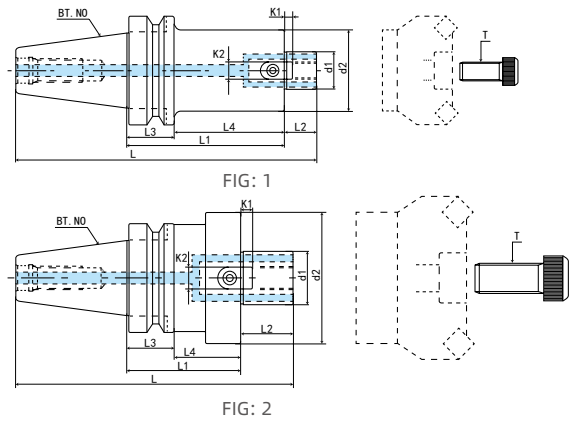
BT40-FMH 端面出水铣刀柄
BT40-FMH Face Mill Holder-Coolant Type

订货号 Ordering code	L1	L	L2	L3	L4	d	d2	K1	K2	M	FIG	重量 KGS
-FMH32-60	60	147.4	22	27	33	32	63	6.8	14	M16*2.0P	2	1.90
-100	100	187.4	22	27	73	32	63	6.8	14	M16*2.0P	2	2.80
-150	150	237.4	22	27	123	32	63	6.8	14	M16*2.0P	2	3.60
-200	200	287.4	22	27	173	32	63	6.8	14	M16*2.0P	2	4.20
-FMH40-60	60	150.4	25	27	33	40	74	8.3	16	M16*2.0P	2	2.80
-100	100	190.4	25	27	73	40	74	8.3	16	M16*2.0P	2	3.60
-150	150	240.4	25	27	123	40	74	8.3	16	M16*2.0P	2	4.90
-200	200	290.4	25	27	173	40	74	8.3	16	M16*2.0P	2	6.20

命名方式 | Naming And Coding Rules



BT50-FMH 端面出水铣刀柄
BT50-FMH Face Mill Holder-Coolant Type



订货号 Ordering code	L1	L	L2	L3	L4	d	d2	K1	K2	M	FIG	重量 KGS
BT50-FMH16-60	60	178.8	17	38	22	16	38	3.2	8	M8*1.25P	1	4.00
-100	100	218.8	17	38	62	16	38	3.2	8	M8*1.25P	1	4.20
-150	150	268.8	17	38	112	16	38	3.2	8	M8*1.25P	1	4.50
-FMH22-60	60	179.8	18	38	22	22	48-60	4.8	10	M10*1.5P	1	4.60/4.80
-100	100	219.8	18	38	62	22	48-60	4.8	10	M10*1.5P	1	4.55/5.90
-150	150	269.8	18	38	112	22	48-60	4.8	10	M10*1.5P	1	5.25/5.90
-200	200	319.8	18	38	162	22	48-60	4.8	10	M10*1.5P	1	6.00/7.05
-250	250	369.8	18	38	212	22	48-60	4.8	10	M10*1.5P	1	7.00/8.40
-300	300	419.8	18	38	262	22	48-60	4.8	10	M10*1.5P	1	7.70/9.45
-350	350	469.8	18	38	312	22	48-60	4.8	10	M10*1.5P	1	8.40/10.50
-400	400	519.8	18	38	362	22	48-60	4.8	10	M10*1.5P	1	9.20/12.00
-450	450	569.8	18	38	412	22	48-60	4.8	10	M10*1.5P	1	10.00/13.25
-500	500	619.8	18	38	462	22	48-60	4.8	10	M10*1.5P	1	11.20/15.60
-550	550	669.8	18	38	512	22	48-60	4.8	10	M10*1.5P	1	15.20/16.95
-600	600	719.8	18	38	562	22	48-60	4.8	10	M10*1.5P	1	16.20/18.00
-650	650	769.8	18	38	612	22	48-60	4.8	10	M10*1.5P	1	19.50/22.00
-700	700	819.8	18	38	662	22	48-60	4.8	10	M10*1.5P	1	23.00/25.00
-FMH27-60	60	181.8	20	38	22	27	60	5.8	12	M12*1.75P	1	4.50

转下页 see next page →

BT50-FMH 端面出水铣刀柄
BT50-FMH Face Mill Holder-Coolant Type

订货号 Ordering code	L1	L	L2	L3	L4	d	d2	K1	K2	M	FIG	重量 KGS
-100	100	221.8	20	38	62	27	60	5.8	12	M12*1.75P	1	4.80
-150	150	271.8	20	38	112	27	60	5.8	12	M12*1.75P	1	6.05
-200	200	321.8	20	38	162	27	60	5.8	12	M12*1.75P	1	6.90
-250	250	371.8	20	38	212	27	60	5.8	12	M12*1.75P	1	8.40
-300	300	421.8	20	38	262	27	60	5.8	12	M12*1.75P	1	9.50
-350	350	471.8	20	38	312	27	60	5.8	12	M12*1.75P	1	10.50
-400	400	521.8	20	38	362	27	60	5.8	12	M12*1.75P	1	12.00
-450	450	571.8	20	38	412	27	60	5.8	12	M12*1.75P	1	13.50
-500	500	621.8	20	38	462	27	60	5.8	12	M12*1.75P	1	15.00
BT50-FMH32-60	60	183.8	22	38	22	32	70	6.8	14	M16*2.0P	1	4.65
-100	100	223.8	22	38	62	32	70	6.8	14	M16*2.0P	1	5.60
-150	150	273.8	22	38	112	32	70	6.8	14	M16*2.0P	1	7.85
-200	200	323.8	22	38	162	32	70	6.8	14	M16*2.0P	1	9.75
-250	250	373.8	22	38	212	32	70	6.8	14	M16*2.0P	1	12.00
-300	300	423.8	22	38	262	32	70	6.8	14	M16*2.0P	1	15.00
-350	350	473.8	22	38	312	32	70	6.8	14	M16*2.0P	1	16.50
-400	400	523.8	22	38	362	32	70	6.8	14	M16*2.0P	1	18.00
-450	450	573.8	22	38	412	32	70	6.8	14	M16*2.0P	1	18.50
-500	500	623.8	22	38	462	32	70	6.8	14	M16*2.0P	1	20.00
-FMH40-60	60	186.8	25	38	22	40	80	8.3	16	M16*2.0P	1	5.50
-100	100	226.8	25	38	62	40	80	8.3	16	M16*2.0P	1	6.70
-150	150	276.8	25	38	112	40	80	8.3	16	M16*2.0P	1	7.50
-200	200	326.8	25	38	162	40	80	8.3	16	M16*2.0P	1	10.75
-250	250	376.8	25	38	212	40	80	8.3	16	M16*2.0P	1	12.75
-300	300	426.8	25	38	262	40	80	8.3	16	M16*2.0P	1	14.75
-350	350	476.8	25	38	312	40	80	8.3	16	M16*2.0P	1	16.75
-400	400	526.8	25	38	362	40	80	8.3	16	M16*2.0P	1	18.75
-450	450	576.8	25	38	412	40	80	8.3	16	M16*2.0P	1	20.80
-500	500	626.8	25	38	462	40	80	8.3	16	M16*2.0P	1	22.80

转下页 see next page →

BT50-FMH 端面出水铣刀柄
BT50-FMH Face Mill Holder-Coolant Type

订货号 Ordering code	L1	L	L2	L3	L4	d	d2	K1	K2	M	FIG	重量 KGS
-FMH60-75	75	198.8	25	38	37	60	128.5	12.5	25.4	M16*2.0P	2	8.50
-100	100	223.8	25	38	62	60	128.5	12.5	25.4	M16*2.0P	2	10.00
-150	150	273.8	25	38	112	60	128.5	12.5	25.4	M16*2.0P	2	13.50

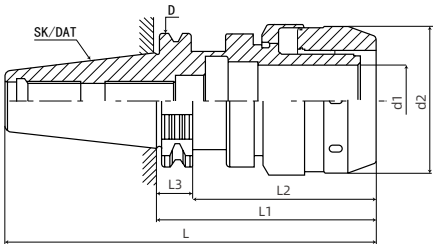
命名方式 | Naming And Coding Rules





SK CHUCK SERIES
SK刀柄系列

SK-C 型高精度强力刀柄
SK-C Force Milling Chuck



配件 | Accessories



» PF16



» PF07



» PF09

订货号 Ordering code	L	L1	L2	L3	d1	d2	D	夹持范围 Range
SK30-C20-85 ¹	132.8	85	66	19.1	20	56	50	3 4 5 6 8 10 12 14 16
-100 ¹	147.8	100	81	19.1	20	56	50	3 4 5 6 8 10 12 14 16
-C32-105 ¹	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 ¹	132.8	85	66	19.1	20	56	63.55	3 4 5 6 8 10 12 14 16
-100 ¹	147.8	100	81	19.1	20	56	63.55	3 4 5 6 8 10 12 14 16
-135 ¹	182.8	135	116	19.1	20	56	63.55	3 4 5 6 8 10 12 14 16
-C25-100 ¹	147.8	100	81	19.1	25	61	63.55	3 4 5 6 8 10 12 14 16 18 20
-135 ¹	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 ¹	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 ¹	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

¹ 特殊规格，需单独询价

¹ Special specifications, please inquire separately for pricing

SK-C 型高精度强力刀柄

SK-C Force Milling Chuck

> 特点 | Features

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

High speed, high accuracy, high durability C-STRAIGHT TOOL SERIES

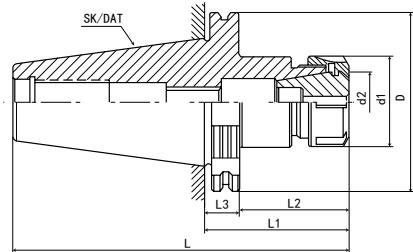
- Material: 20CrMnTi/15CrMn
- Hardness: HRC58-60, Carbon depth > 0.8mm
- Tolerance class: ≤ AT3
- Inner hole of the shank divide into 6 troughs to prevent the insert remove, increase the grasp force
- Ball bearing cage is made of special material, improve the endurance, enhance the grasp force
- Grasp 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, cleanliness better, accuracy stable, surface more smooth, antirust, feel comfortable, appearance nice
- The spanner, pull stud chuck must purchase alone

> 命名方式 | Naming And Coding Rules



SK30-ER 弹性筒夹刀柄

SK30-ER Collet Chuck



订货号 Ordering code	L	L1	L2	L3	d1	d2	D	夹持范围 Range	重量 KGS
SK30-ER11- 80 ¹	127.8	80	61	19.1	19	11	50	1-7mm	0.60
-ER16- 63 ¹	110.8	63	44	19.1	28	16	50	1-10mm	0.70
-120 ¹	167.8	120	101	19.1	28	16	50	1-10mm	0.85
-ER20- 63 ¹	110.8	63	44	19.1	34	20	50	1-13mm	0.80
-120 ¹	167.8	120	101	19.1	34	20	50	1-13mm	1.05
-ER25- 63 ¹	110.8	63	44	19.1	42	25	50	1-16mm	0.85
-ER32- 63 ¹	110.8	63	44	19.1	50	32	50	2-20mm	0.90

¹ 特殊规格，需单独询价

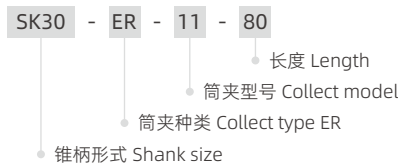
¹ Special specifications, please inquire separately for pricing

> 特点 | Features

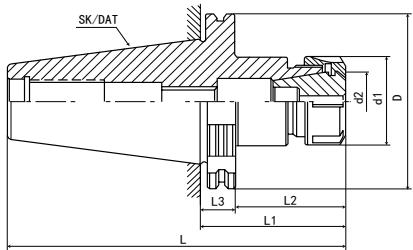
- 本体锥柄规格：DIN69871-A 或 GB10944
- 配用 ER 弹性筒夹，可适用于夹持铣刀、钻头、丝锥
- 装置时筒夹必需先置入螺母，再装入刀具，接着锁固入本体
- 适用专用扳手，不可用其它工具，可能造成刀体损坏
- 扳手、拉钉、筒夹须另行购买

- 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

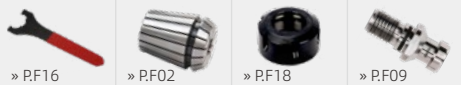
> 命名方式 | Naming And Coding Rules



SK40-ER 弹性筒夹刀柄
SK40-ER Collet Chuck



配件 | Accessories



订货号 Ordering code	L	L1	L2	L3	d1	d2	D	夹持范围 Range	重量 KGS
SK40-ER11- 80 ¹	148.4	80	61	19.1	19	11	63.55	1-7mm	1.05
-100 ¹	168.4	100	81	19.1	19	11	63.55	1-7mm	1.10
-150 ¹	218.4	150	131	19.1	19	11	63.55	1-7mm	-
-ER16-100 ¹	168.4	100	81	19.1	28	16	63.55	1-10mm	1.40
-150 ¹	218.4	150	131	19.1	28	16	63.55	1-10mm	1.65
-200 ¹	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	1.40
-100	168.4	100	81	19.1	34	20	63.55	1-13mm	1.50
-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	1.60
-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	1.60
-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	3.20
-ER40- 70	138.4	70	51	19.1	63	40	63.55	2-26mm	1.50
-100	168.4	100	81	19.1	63	40	63.55	2-26mm	2.00
-150	233.4	150	131	19.1	63	40	63.55	2-26mm	3.80
-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	1.70

¹ 特殊规格，需单独询价

¹ Special specifications, please inquire separately for pricing

SK40-ER 弹性筒夹刀柄
SK40-ER Collet Chuck

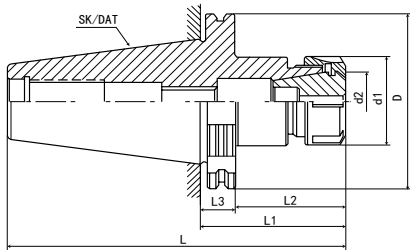
特点 | Features

- 本体锥柄规格：DIN69871-A 或 GB10944
- 配有 ER 弹性筒夹，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
- 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

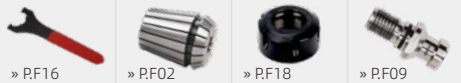
命名方式 | Naming And Coding Rules



SK50-ER 弹性筒夹刀柄
SK50-ER Collet Chuck



配件 | Accessories



订货号 Ordering code	L	L1	L2	L3	d1	d2	D	夹持范围 Range	重量 KGS
SK50-ER16-100 ¹	201.75	100	81	19.1	28	16	97.5	1-10mm	3.20
-150 ¹	251.75	150	131	19.1	28	16	97.5	1-10mm	-
-200 ¹	301.75	200	181	19.1	28	16	97.5	1-10mm	4.70
-250 ¹	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	3.40
-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	4.70
-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	4.50
-200	301.75	200	181	19.1	42	25	97.5	1-16mm	4.80
-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	3.60
-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	-

转下页 see next page →

SK50-ER 弹性筒夹刀柄
SK50-ER Collet Chuck

订货号 Ordering code	L	L1	L2	L3	d1	d2	D	夹持范围 Range	重量 KGS
-200	301.75	200	181	19.1	50	32	97.5	2-20mm	5.10
-250	351.75	250	231	19.1	50	32	97.5	2-20mm	5.30
-300	401.75	300	281	19.1	50	32	97.5	2-20mm	6.00
-ER40- 80 ¹	181.75	80	61	19.1	63	40	97.5	2-26mm	3.50
-100 ¹	201.75	100	81	19.1	63	40	97.5	2-26mm	-
-150 ¹	251.75	150	131	19.1	63	40	97.5	2-26mm	-
-200 ¹	301.75	200	181	19.1	63	40	97.5	2-26mm	5.20
-250 ¹	351.75	250	231	19.1	63	40	97.5	2-26mm	5.80
-300 ¹	401.75	300	281	19.1	63	40	97.5	2-26mm	6.50
-ER50-160 ¹	261.75	160	141	19.1	78	50	97.5	6-34mm	5.55

¹ 特殊规格，需单独询价

¹ Special specifications, please inquire separately for pricing

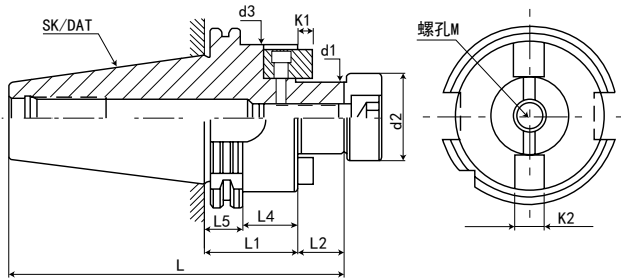
特点 | Features

- 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
- 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

命名方式 | Naming And Coding Rules



SK-FMB 平面铣刀柄
SK-FMB Face Mill Arbor



配件 | Accessories



» P.F09

订货号 Ordering code	L	L1	L2	L4	L5	d1	d2	d3	k1	k2	螺孔 M
SK30-FMB22- 35 ¹	100.8	35	18	16	19.1	22	26	48	4.8	10	M10*1.5P
-FMB27- 35 ¹	102.8	35	20	16	19.1	27	33	58	5.8	12	M12*1.75P
SK40-FMB22- 45	131.4	45	18	26	19.1	22	26	48	4.8	10	M10*1.5P
- 60	146.4	60	18	41	19.1	22	26	48	4.8	10	M10*1.5P
-100	186.4	100	18	81	19.1	22	26	48	4.8	10	M10*1.5P
-150	236.4	150	18	131	19.1	22	26	48	4.8	10	M10*1.5P
-FMB27- 45	133.4	45	20	26	19.1	27	33	58	5.8	12	M12*1.75P
- 60	148.4	60	20	41	19.1	27	33	58	5.8	12	M12*1.75P
-100	163.4	100	20	81	19.1	27	33	58	5.8	12	M12*1.75P
-FMB32- 45	110.4	45	22	26	19.1	32	40	70	6.8	14	M16*2.0P
- 60	125.4	60	22	41	19.1	32	40	70	6.8	14	M16*2.0P
-100	165.4	100	22	81	19.1	32	40	70	6.8	14	M16*2.0P
-FMB40- 45	113.4	45	25	26	19.1	40	50	80	8.3	16	M16*2.0P
- 60	128.4	60	25	41	19.1	40	50	80	8.3	16	M16*2.0P
-100	168.4	100	25	81	19.1	40	50	80	8.3	16	M16*2.0P

¹ 特殊规格，需单独询价

¹ Special specifications, please inquire separately for pricing

SK-FMB 平面铣刀柄
SK-FMB Face Mill Arbor

特点 | Features

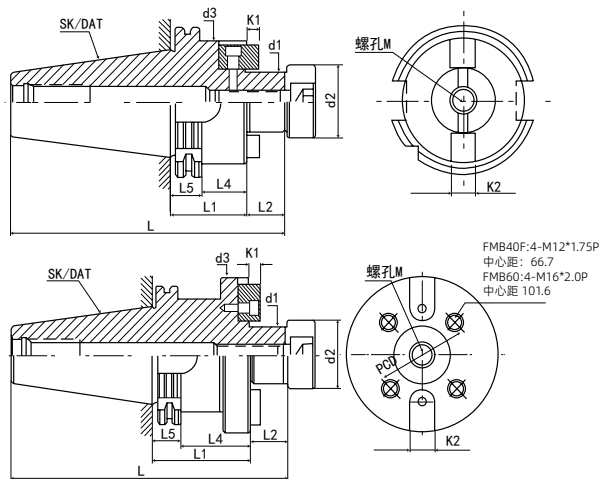
- 本体锥柄规格：DIN69871-A 或 GB10944
- 中心通孔有利于出水及抗震性强
- 平面铣刀配合部位（d）轴系公轴 h6
- 可定制非常规长度
- 拉钉须另行购买
- Spindle conicity standard: DIN69871A or GB10944
- With water through design that reduces vibration and steady for cutting
- Connecting part(d) designed for metric size
- Can be made upon requested dimensions
- The pull stud must purchase alone

命名方式 | Naming And Coding Rules



SK50-FMB 平面铣刀柄

SK50-FMB Face Mill Arbor



SK50-FMB 平面铣刀柄

SK50-FMB Face Mill Arbor

> 特点 | Features

- 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
 - 可定制非常规长度
 - 拉钉须另行购买
- Spindle conicity standard: DIN69871A or GB10944
 - With water through design that reduces vibration and steady for cutting
 - Connecting part(d) designed for metric size
 - Can be made upon requested dimensions
 - The pull stud must purchase alone

> 命名方式 | Naming And Coding Rules

SK50 - FMB - 22 - 45

- SK50: 锥柄形式 Shank size
- FMB: 功能代号 Face mill holder type B
- 22: 接口直径 Bore diameter of cutter
- 45: 长度 Length

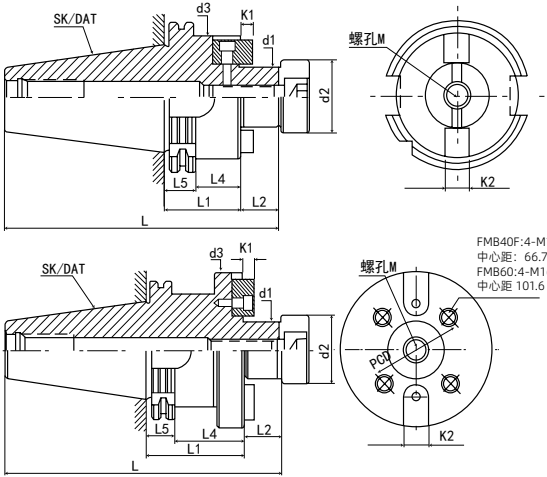
配件 | Accessories



>> P.F09

订货号 Ordering code	L	L1	L2	L4	L5	d1	d2	d3	k1	k2	螺孔 M
SK50-FMB22- 45	164.75	45	18	26	19.1	22	26	48	4.8	10	M10*1.5P
- 60	179.75	60	18	41	19.1	22	26	48	4.8	10	M10*1.5P
-100	219.75	100	18	81	19.1	22	26	48	4.8	10	M10*1.5P
-150	269.75	150	18	131	19.1	22	26	48	4.8	10	M10*1.5P
-200	319.75	200	18	181	19.1	22	26	48	4.8	10	M10*1.5P
-250	369.75	250	18	231	19.1	22	26	48	4.8	10	M10*1.5P
-FMB27- 45	166.75	45	20	26	19.1	27	33	58	5.8	12	M12*1.75P
- 60	181.75	60	20	41	19.1	27	33	58	5.8	12	M12*1.75P
-100	221.75	100	20	81	19.1	27	33	58	5.8	12	M12*1.75P
-150	271.75	150	20	131	19.1	27	33	58	5.8	12	M12*1.75P
-200	321.75	200	20	181	19.1	32	33	58	5.8	12	M12*1.75P
-FMB32- 45	168.75	45	22	26	19.1	32	40	70	6.8	14	M16*2.0P
- 60	183.75	60	22	41	19.1	32	40	70	6.8	14	M16*2.0P
-100	223.75	100	22	81	19.1	32	40	70	6.8	14	M16*2.0P
-150	273.75	150	22	231	19.1	32	40	70	6.8	14	M16*2.0P
-200	323.75	200	22	281	19.1	32	40	70	6.8	14	M16*2.0P

SK50-FMB 平面铣刀柄
SK50-FMB Face Mill Arbor



SK50-FMB 平面铣刀柄
SK50-FMB Face Mill Arbor

特点 | Features

- 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
 - 可定制非常规长度
 - 拉钉须另行购买
- Spindle conicity standard: DIN69871A or GB10944
 - With water through design that reduces vibration and steady for cutting
 - Connecting part(d) designed for metric size
 - Can be made upon requested dimensions
 - The pull stud must purchase alone

命名方式 | Naming And Coding Rules



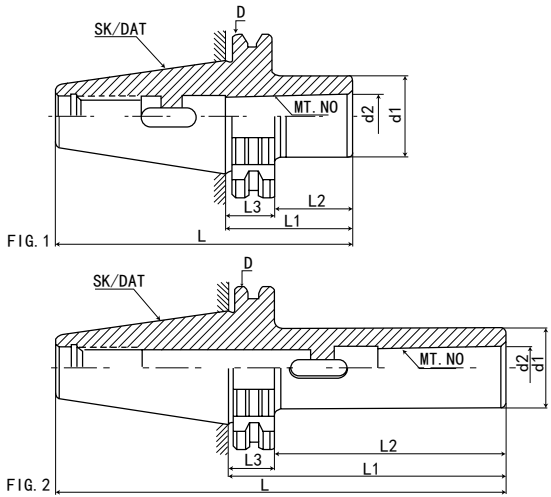
配件 | Accessories



订货号 Ordering code	L	L1	L2	PCD	L4	L5	d1	d2	d3	四螺孔	k1	k2	螺孔 M
SK50-FMB40- 50	176.75	50	25	-	31	19.1	40	50	80	-	8.3	16	M16*2.0P
- 70	191.75	70	25	-	51	19.1	40	50	80	-	8.3	16	M16*2.0P
-100	226.75	100	25	-	81	19.1	40	50	80	-	8.3	16	M16*2.0P
-150	276.75	150	25	-	131	19.1	40	50	80	-	8.3	16	M16*2.0P
-200	326.75	200	25	-	181	19.1	40	50	80	-	8.3	16	M16*2.0P
- FMB50- 60	181.75	60	30	-	41	19.1	50	68	95	-	9.7	19	M24*3.0P
-100	221.75	100	30	-	81	19.1	50	68	95	-	9.7	19	M24*3.0P
SK40-FMC40- 60(四螺孔)	153.4	60	25	66.7	41	19.1	40	-	99	M12*1.75P	8.3	16	M16*2.0P
SK50-FMC40- 70(四螺孔)	196.75	70	25	66.7	51	19.1	40	-	99	M12*1.75P	8.3	16	M16*2.0P
-100(四螺孔)	226.75	100	25	66.7	81	19.1	40	-	99	M12*1.75P	8.3	16	M16*2.0P
-150(四螺孔)	276.8	150	25	66.7	131	19.1	40	-	99	M12*1.75P	8.3	16	M16*2.0P
-200(四螺孔)	326.8	200	25	66.7	181	19.1	40	-	99	M12*1.75P	8.3	16	M16*2.0P
- FMC60- 70(四螺孔)	196.75	70	25	101.6	51	19.1	60	-	128	M16*2.0P	12.5	25.4	M16*2.0P

SK-MTA 带扁尾莫氏刀柄

SK-MTA Taper Adapter(Morse)



SK-MTA 带扁尾莫氏刀柄

SK-MTA Taper Adapter(Morse)

订货号 Ordering code	FIG	L	L1	L2	L3	d1	d2	D	夹持钻头范围	重量 KGS
-180	2	281.75	180	161	19.1	40	23.825	97.5	Φ23-Φ32	5.20
-MTA4- 75	1	176.75	75	56	19.1	48	31.267	97.5	Φ32-Φ50	3.20
- 95	1	196.75	95	76	19.1	48	31.267	97.5	Φ32-Φ50	3.40
-180	2	281.75	180	161	19.1	48	31.267	97.5	Φ32-Φ50	5.50
-MTA5-105	1	206.75	105	86	19.1	65	44.399	97.5	Φ50-Φ75	3.60
-200	2	301.75	200	181	19.1	65	44.399	97.5	Φ50-Φ75	7.20
-MTA6-200	1	301.75	200	181	19.1	85	63.348	97.5	Φ75-Φ100	5.20
-280	2	381.75	280	261	19.1	85	63.348	97.5	Φ75-Φ100	10.00

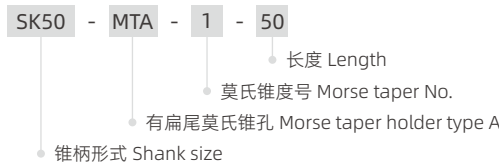
¹ 特殊规格，需单独询价

¹ Special specifications, please inquire separately for pricing

> 特点 | Features

- 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
- Spindle conicity standard: DIN69871A or GB10944
- Used in Morse conicity tools, drill chuck, reamer and so on
- Dimensions
- The pull stud must purchase alone

> 命名方式 | Naming And Coding Rules



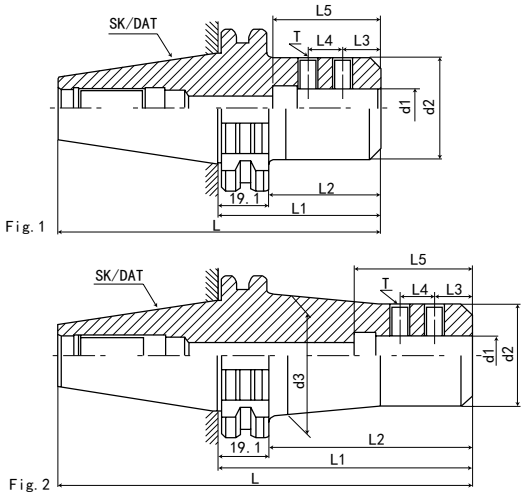
配件 | Accessories



订货号 Ordering code	FIG	L	L1	L2	L3	d1	d2	D	夹持钻头范围	重量 KGS
SK30-MTA1- 50 ¹	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	17.78	50	Φ14-Φ23	0.80
-MTA3- 75	1	122.8	70	51	19.1	40	23.825	50	Φ23-Φ32	1.00
SK40-MTA1- 50 ¹	1	118.4	50	31	19.1	25	12.065	63.55	Φ2-Φ14	1.20
-MTA2- 50	1	118.4	50	31	19.1	32	17.78	63.55	Φ14-Φ23	1.00
-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	1	146.75	45	26	19.1	25	12.065	97.5	Φ2-Φ14	3.00
-120 ¹	2	221.75	120	101	19.1	25	12.065	97.5	Φ2-Φ14	4.60
-MTA2- 60	1	161.75	60	41	19.1	32	17.78	97.5	Φ14-Φ23	3.10
-135	2	236.75	135	116	19.1	32	17.78	97.5	Φ14-Φ23	4.80
-180	2	281.75	180	161	19.1	32	17.78	97.5	Φ14-Φ23	5.00
-MTA3- 65	1	166.75	65	46	19.1	40	23.825	97.5	Φ23-Φ32	3.20
-150	2	251.75	150	131	19.1	40	23.825	97.5	Φ23-Φ32	5.00

转下页 see next page →

SK-SLN 侧固式刀柄
SK-SLN Side Lock End Mill Holder



配件 | Accessories



» P.F09

订货号 Ordering code	FIG	L	L1	L2	L3	L4	L5	d1	d2	d3	T
SK40- SLN8- 50 ¹	FIG1	118.4	50	31	18	-	50	8	28	28	M6*1.0P
-SLN10- 50 ¹	FIG1	118.4	50	31	20	-	55	10	35	35	M8*1.25
-SLN12- 50 ¹	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

¹ 特殊规格，需单独询价

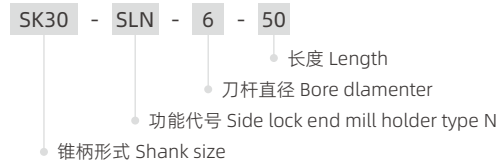
¹ Special specifications, please inquire separately for pricing

SK-SLN 侧固式刀柄
SK-SLN Side Lock End Mill Holder

特点 | Features

- 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
- 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

命名方式 | Naming And Coding Rules



SK50-SLN 侧固式刀柄
SK50-SLN Side Lock End Mill Holder

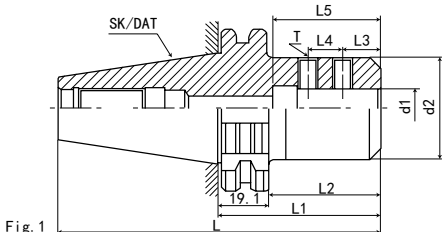


Fig. 1

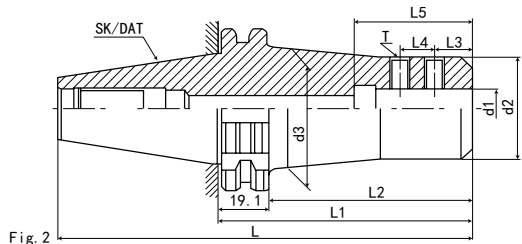


Fig. 2



SK50-SLN 侧固式刀柄
SK50-SLN Side Lock End Mill Holder

订货号 Ordering code	FIG	L	L1	L2	L3	L4	L5	d1	d2	d3	T
-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 ¹	FIG1	221.75	120	101	35	35	120	50.8	90	90	M20*2.0P
-150 ¹	FIG1	251.75	150	131	35	35	120	50.8	85	90	M20*2.0P

¹ 特殊规格，需单独询价

¹ Special specifications, please inquire separately for pricing

配件 | Accessories



» P.F09

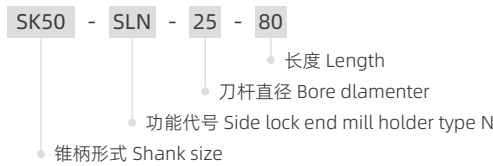
订货号 Ordering code	FIG	L	L1	L2	L3	L4	L5	d1	d2	d3	T
SK50-SLN16- 63	FIG1	164.75	63	44	24	-	100	16	45	45	M12*1.75P
-100	FIG1	201.75	100	81	22	18	100	16	45	45	M12*1.75P
-150	FIG2	251.75	150	131	22	18	100	16	38	45	M10*1.5P
-SLN20- 63	FIG1	164.75	63	44	25	-	100	20	50	50	M12*1.75P
-100	FIG1	201.75	100	81	25	20	100	20	50	50	M12*1.75P
-150	FIG2	251.75	150	131	25	20	100	20	45	50	M12*1.75P
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

转下页 see next page →

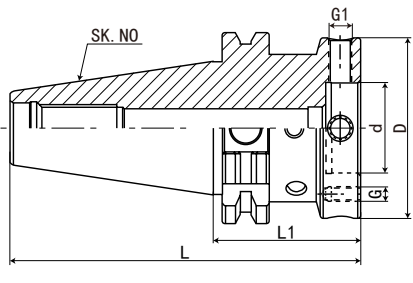
特点 | Features

- 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
- 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

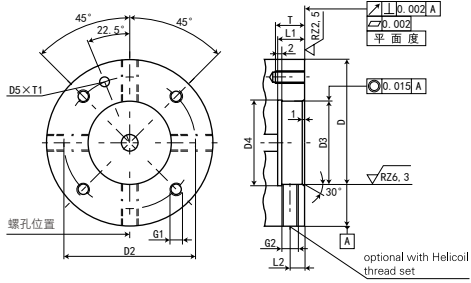
命名方式 | Naming And Coding Rules



SK-MOD 模块刀柄
SK-MOD Modular Tool Holder



SK-MOD 模块刀柄
SK-MOD Modular Tool Holder



配件 | Accessories

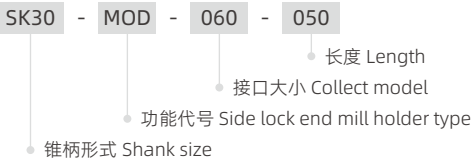


» P.F09

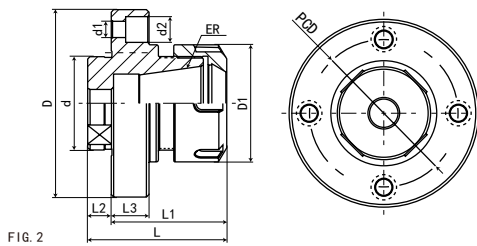
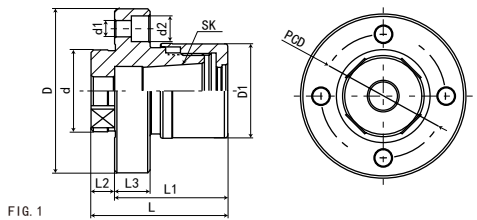
订货号 Ordering code	L	L1	D	d	G1	G	形式 Form	重量 KGS
SK40-MOD060-050	118.4	50	60	30	M8*1.0P	M5*0.8P	AD + B	1.30
-MOD070-050	118.4	50	70	35	M8*1.0P	M6*1.0P	AD + B	1.40
-MOD080-055	123.4	55	80	40	M8*1.0P	M6*1.0P	AD + B	1.70
-MOD100-060	128.4	60	100	50	M10*1.0P	M8*1.25P	AD + B	2.10
SK50-MOD060-050	151.75	50	60	30	M8*1.0P	M5*0.8P	AD + B	3.20
-MOD070-050	151.75	50	70	35	M8*1.0P	M6*1.0P	AD + B	3.40
-MOD080-050	151.75	50	80	40	M8*1.0P	M6*1.0P	AD + B	3.60
-MOD100-060	156.75	60	100	50	M10*1.0P	M8*1.25P	AD + B	4.40
-MOD117-060	156.75	60	117	60	M10*1.0P	M8*1.25P	AD + B	4.50
-MOD140-060	156.75	60	140	80	M10*1.0P	M8*1.25P	AD + B	4.70

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

命名方式 | Naming And Coding Rules



MOD 法兰盘
MOD Flange Plate



订货号 Ordering code	D	D1	d	d1	d2	L	L1	L2	L3	PCD	FIG
MOD060-GSK16-48	60	40	29.85	6	9	58	48	10	15	44	1
MOD070-GSK16-48	70	40	34.85	7	11	58	48	10	15	53	1
MOD080-GSK16-49	80	40	39.85	7	11	59	49	10	16	63	1
MOD080-ER32-49	80	50	39.85	7	11	59	49	10	16	63	2
MOD100-ER40-63	100	63	49.85	9	14	75	63	12	18	79	2

命名方式 | Naming And Coding Rules

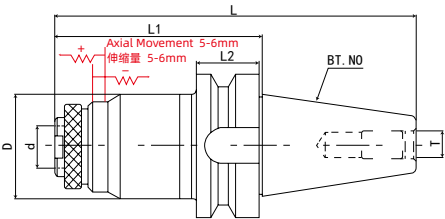


TAPPING CHUCK SERIES
攻丝刀柄系列



BT-GT 扭力伸缩攻牙本体

Tension and Compression Taper Holder/BT-GT



订货号 Ordering code	攻牙范围 Tapping 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
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
BT50-GT42-190	M24-M42	95	45	292	190	35	M24	GT42

特点 | Features

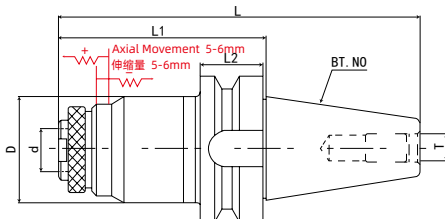
- 本体规格: JIS MAS 403 BT
- 具有扭矩过载保护可防止丝锥断裂
- 具有浮动、伸缩、快换等功能
- 适合在 CNC 加工中心、数控铣床等机床设备
- 攻丝范围: M3-M42
- Spindle conicity standard: JIS MAS 403 BT
- Torque overload protection protects screw blank from fracture
- Have floating, quick change and torque protection functions
- Used on lathes, borers and private plane machines and so on
- Tapping range: M3-M42

命名方式 | Naming And Coding Rules



SK/DAT-GT 扭力伸缩攻牙本体

Tension and Compression Taper Holder/SK/DAT-GT



订货号 Ordering code	攻牙范围 Tapping 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
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
SK50-GT42-190	M24-M42	95	45	292	190	16	M24	GT42

特点 | Features

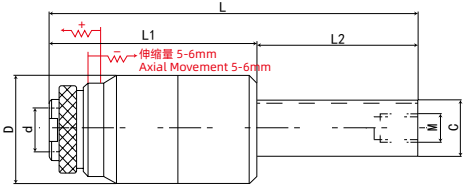
- 本体规格: DIN69871-A 及 GB10944
- 具有扭矩过载保护可防止丝锥断裂
- 具有浮动、伸缩、快换等功能
- 适合在 CNC 加工中心、数控铣床等机床设备
- 攻丝范围: M3-M42
- Spindle conicity standard: DIN69871AorGB10944
- Torque overload protection protects screw blank from fracture
- Have floating, quick change and torque protection functions
- Used on lathes, borers and private plane machines and so on
- Tapping range: M3-M42

命名方式 | Naming And Coding Rules



C-GT 直柄扭力伸缩攻牙刀柄

Tension and Compression Taper Holder/Straight Shank



配件 | Accessories



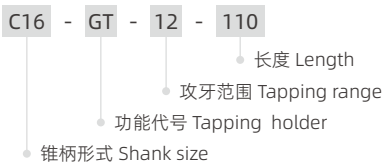
RF11-F14

订货号 Ordering code	攻牙范围 Tapping 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
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 | Features

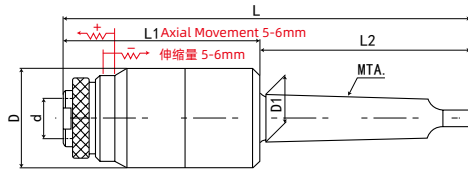
- 具有扭矩过载保护可防止丝锥断裂
- 具有浮动、伸缩、快换等功能
- 适合各种夹头加长和各种设备攻牙
- 攻丝范围：M3-M30
- Torque overload protection protects screw blank from fracture
- Have floating, quick change and torque protection functions
- Used on drill machines, tapping machines, borers, lathes and so on for tapping
- Tapping range: M3-M30

命名方式 | Naming And Coding Rules



MTA-GT 扭力伸缩攻牙本体

Tension and Compression Taper Holder/MTA-GT



配件 | Accessories



RF11-F14

订货号 Ordering code	攻牙范围 Tapping range	D	D1	d	L	L1	L2	夹头名称 Collet name
MTA2-GT12-110	M3-M16	46	17.78	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
MTA2-GT24-120	M5-M30	66	17.78	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
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	45	418	190	228	GT42

特点 | Features

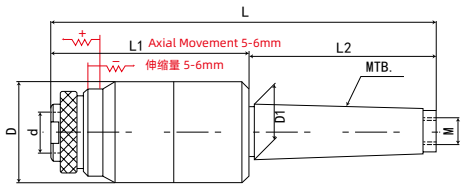
- 本体规格：莫氏带扁尾锥柄
- 具有扭矩过载保护可防止丝锥断裂
- 具有浮动、伸缩、快换等功能
- 适合钻床、攻牙机、车床、铣床等机床设备
- 攻丝范围：M3-M42
- Spindle conicity standard: MORSE TAPER(Tongue Type)
- Torque overload protection protects screw blank from fracture
- Have floating, quick change and torque protection functions
- Used on drill machines, tapping machines, borers, lathes and so on for tapping
- Tapping range: M3-M42

命名方式 | Naming And Coding Rules



MTB-GT 扭力伸缩攻牙本体

Tension and Compression Taper Holder/MTB-GT



配件 | Accessories



PF11-F14

订货号 Ordering code	攻牙范围 Tapping range	D	D1	d	L	L1	L2	M	夹头名称 Collet name
MTB2-GT12-110	M3-M16	46	17.78	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
MTB2-GT24-120	M5-M30	66	17.78	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 | Features

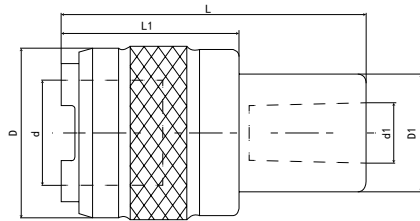
- 本体规格：莫氏后拉式锥柄
- 具有扭矩过载保护可防止丝锥断裂
- 具有浮动、伸缩、快换等功能
- 适合钻床、攻牙机、车床、铣床等机床设备
- 攻丝范围：M3-M42
- Spindle conicity standard: MORSE TAPER(Drawing Thread Type)
- Torque overload protection protects screw blank from fracture
- Have floating, quick change and torque protection functions
- Used on drill machines, tapping machines, borers, lathes and so on for tapping
- Tapping range: M3-M42

命名方式 | Naming And Coding Rules



GT- 内锥扭力攻牙本体

Tension and Compression Taper Chuck GT



配件 | Accessories



PF11-F14

订货号 Ordering code	攻牙范围 Tapping range	D	D1	d	d1	L	L1	夹头名称 Collet name
B12-GT12	M3-M16	35	29	19	12.065	60	33	GT12
B16-GT12	M3-M16	35	29	19	15.733	64	33	GT12
B18-GT12	M3-M16	35	29	19	17.78	73	33	GT12
B16-GT24	M5-M30	51	34	30	15.733	78	57	GT24
B18-GT24	M5-M30	51	34	30	17.78	84	53	GT24
B22-GT24	M5-M30	51	38	30	21.793	93	53	GT24
B18-GT42	M24-M42	78	50	45	17.78	110	70	GT42
B22-GT42	M24-M42	78	50	45	21.793	110	70	GT42
B28-GT42	M24-M42	78	50	45	28	110	70	GT42

特点 | Features

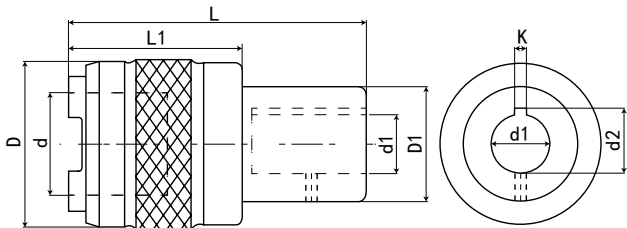
- 具有扭矩过载保护可防止丝锥断裂
- 具有浮动、伸缩、快换等功能
- 适合台钻、攻丝机、车床、专机等机床设备
- 攻丝范围：M3-M42
- Torque overload protection protects screw blank from fracture
- Have floating, quick change and torque protection functions
- Used on drill machines, tapping machines, borers, lathes and so on for tapping
- Tapping range: M3-M42

命名方式 | Naming And Coding Rules



GT- 直孔键槽伸缩扭力攻丝刀柄

Tension and Compression Taper Holder GT



配件 | Accessories



PF11-F14

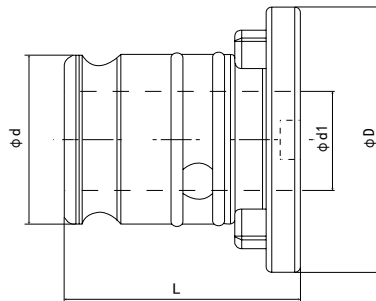
订货号 Ordering code	攻牙范围 Tapping range	D	D1	d	d1	d2	K	L	L1	夹头名称 Collet name
φ14-GT12	M3-M16	34	29	19	14	16.5	5	60	33	GT12
φ16-GT12	M3-M16	34	29	19	16	18	5	70	33	GT12
φ18-GT12	M3-M16	34	29	19	18	20	5	70	33	GT12
φ20-GT24	M5-M30	51	34	30	20	23.5	6	90	57	GT24
φ22-GT24	M5-M30	51	34	30	22	25.5	6	90	57	GT24
φ20-GT42	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 | Features

- 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
- 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



订货号 Ordering code	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 Protection Tap Collet-GT System

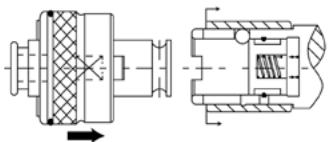


GT12

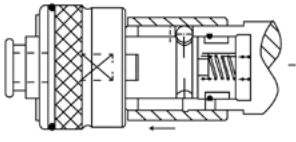


GT42

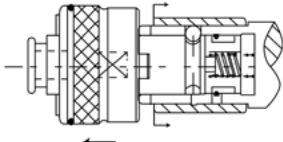
攻牙本体与攻丝筒夹连接操作方法 | Quick Change Protect Tap Collet-G System



准备套上
Read to connect

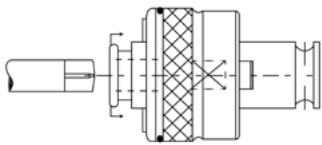


套上
Connected

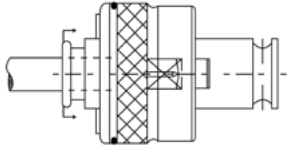


分离
Separation

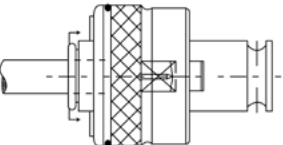
攻牙筒夹与刀具连接操作方法 | Screw Tap And Collet Connecting



准备套上
Read to connect

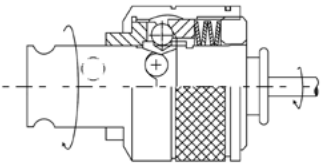


套上
Connected

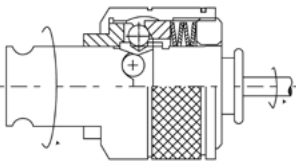


分离
Separation

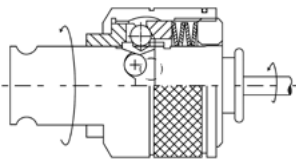
可调整安全固定钮操作方法 | Safety Fixed Bottom Adjusting



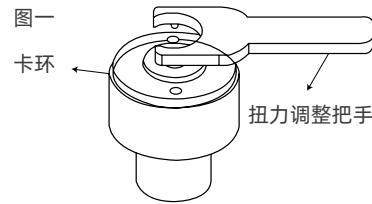
可调整安全固定钮
Adjustable safety fixed bottom



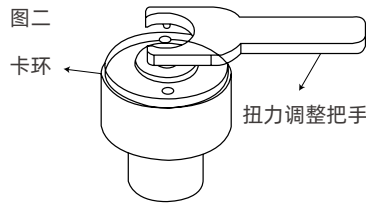
不正常操作情况
False operation



正常操作情况
Correct operation



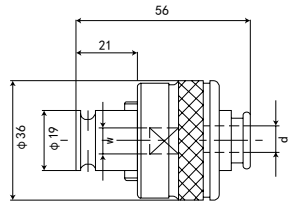
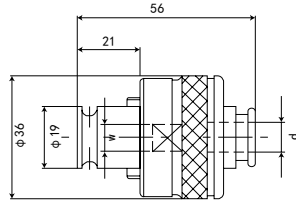
图一
卡环
扭力调整把手
先取下卡环，扭力调整把手顺时针
旋转调整所需扭力，再上卡环即可



图二
卡环
扭力调整把手
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

GT12 过载保护攻丝夹头 (国标)

Overload Protection Tap Collet-GT12 System(ISO)



订货号 (国标) Ordering code (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

转下页 see next page →

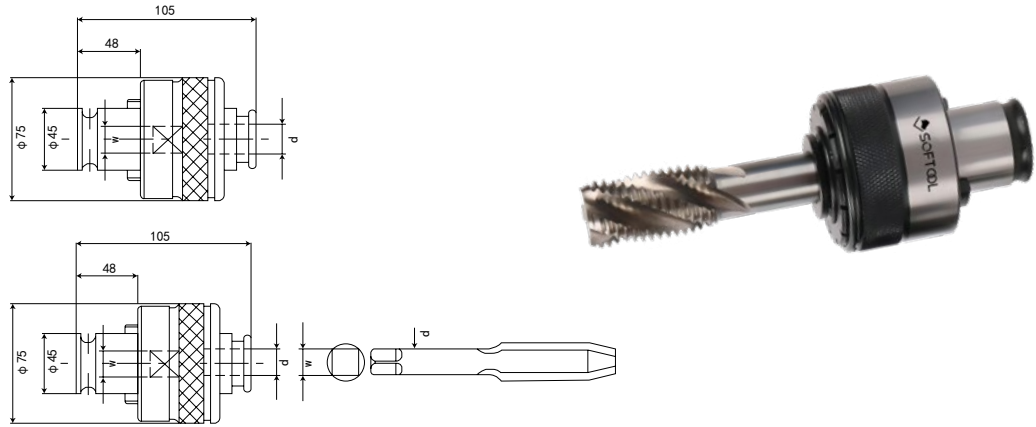
GT24 过载保护攻丝夹头(英制/日标)
Overload Protection Tap Collet-GT24 System(INCH/JIS)

订货号 (英制 / 日标) Ordering code (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 | Features

- 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
- 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 Protection Tap Collet-GT42 System(ISO)



订货号 (国标) Ordering code (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

转下页 see next page →

GT42 过载保护攻丝夹头(英制/日标)

Overload Protection Tap Collet-GT42 System(INCH/JIS)

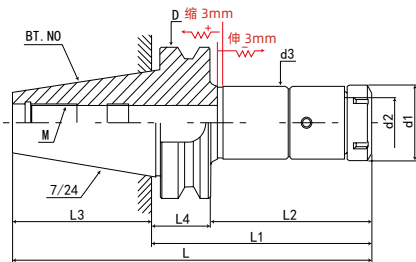
订货号 (英制 / 日标) Ordering code (INCH/JIS)	夹持丝锥 (JIS 日标)	丝锥柄径 d	丝锥方 W
JIS-GT42-M24	M24	19	15X15
JIS-GT42-M27	M27	20	15X15
JIS-GT42-M30	M30	23	17X17
JIS-GT42-M33	M33	25	19X19
JIS-GT42-M36	M36	28	21X21
JIS-GT42-M39	M39	30	23X23
JIS-GT42-M42	M42	32	26X26
JIS-GT42-M45	M45	35	26X26
JIS-GT42-M48	M48	38	29X29

特点 | Features

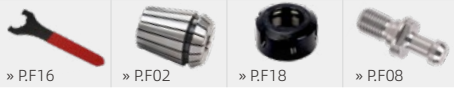
- 本品具有扭矩过载保护功能、高精度、高感度和使用寿命长
- 扭矩的变动反应灵敏，可根据各种不同材质而设定相应的扭矩
- 适用于各种攻牙机器和电动攻牙机、气动攻牙机
- 目前已与众多攻牙机厂配套使用
- High precision, long tool-life with torque protection function
- Torsion reflect sensitive and changes according to various material to set up corresponding torque
- Used for kinds of tapping machine including electric tapping machine and pneumatic tapping machine
- At present, many tapping machine factories have been being used with this type

BT-TER-B 刚性伸缩攻牙刀柄

Rigid Tension and Compression Taper Holder/TER-B



配件 | Accessories



订货号 Ordering code	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	BT30	148.4	100	73	48.4	27	34	20	TER20	M2-M16	46	M12*1.75P
BT30-TER25-B-100	BT30	148.4	100	73	48.4	27	42	25	TER25	M2-M22	46	M12*1.75P
BT30-TER32-B-100	BT30	148.4	100	73	48.4	27	50	32	TER32	M2-M30	46	M12*1.75P
BT30-TER40-B-100	BT30	148.4	100	73	48.4	27	63	40	TER40	M2-M36	46	M12*1.75P
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	BT40	165.4	100	73	65.4	27	34	20	TER20	M2-M16	63	M16*2.0P
BT40-TER25-B-100	BT40	165.4	100	73	65.4	27	42	25	TER25	M2-M22	63	M16*2.0P
BT40-TER32-B-100	BT40	165.4	100	73	65.4	27	50	32	TER32	M2-M30	63	M16*2.0P
BT40-TER40-B-120	BT40	185.4	120	93	65.4	27	63	40	TER40	M2-M36	63	M16*2.0P
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	BT50	211.8	110	72	101.8	38	34	20	TER20	M2-M16	100	M24*3.0P
BT50-TER25-B-110	BT50	211.8	110	72	101.8	38	42	25	TER25	M2-M22	100	M24*3.0P
BT50-TER32-B-130	BT50	222.8	130	92	101.8	38	50	32	TER32	M2-M30	100	M24*3.0P
BT50-TER40-B-140	BT50	232.8	140	102	101.8	38	63	40	TER40	M2-M36	100	M24*3.0P

BT-TER-B 刚性伸缩攻牙刀柄

Rigid Tension and Compression Taper Holder/TER-B

> 特点 | Features

- 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

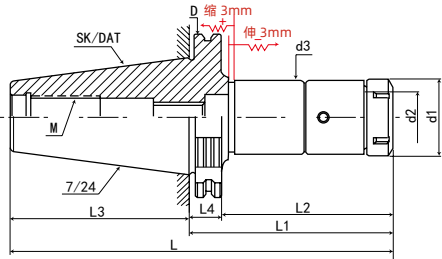
- Spindle Conicity Standard: JIS MAS 403 BT
- Rigid function ensures machining center spindle rotate in synchronized precise, While MTB holder in use
- Can be replaced by ER collet for gripping cutting tool, Drill bit, and draw bolt and so on
- Don't lock excessively of the clamping nut in case of damage, Wrench not included

> 命名方式 | Naming And Coding Rules

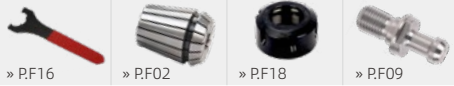


SK/DAT-TER-B 刚性伸缩攻牙刀柄

Rigid Tension and Compression Taper Holder/TER-B



配件 | Accessories



订货号 Ordering code	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	SK40	168.4	100	82	68.4	16	34	20	TER20	M2-M16	63.55	M16*2.0P
SK40-TER25-B-100	SK40	168.4	100	82	68.4	16	42	25	TER25	M2-M22	63.55	M16*2.0P
SK40-TER32-B-100	SK40	168.4	100	82	68.4	16	50	32	TER32	M2-M30	63.55	M16*2.0P
SK40-TER40-B-120	SK40	188.4	120	102	68.4	16	63	40	TER40	M2-M36	63.55	M16*2.0P
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	SK50	211.7	110	91	101.75	16	34	20	TER20	M2-M16	97.5	M24*3.0P
SK50-TER25-B-110	SK50	211.7	110	91	101.75	16	42	25	TER25	M2-M22	97.5	M24*3.0P
SK50-TER32-B-130	SK50	231.7	130	101	101.75	16	50	32	TER32	M2-M30	97.5	M24*3.0P
SK50-TER40-B-140	SK50	241.7	140	111	101.75	16	63	40	TER40	M2-M36	97.5	M24*3.0P

SK/DAT-TER-B 刚性伸缩攻牙刀柄

Rigid Tension and Compression Taper Holder/TER-B

> 特点 | Features

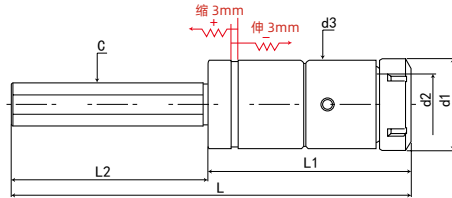
- 本体规格: DIN69871-A 或 GB10944
- 刚性功能确保加工中心主轴转动同进给精确同步, 使用专用基础刀柄
- 刚性攻牙刀柄可使用 ER 筒夹代替, 作为夹持钻头、铰刀和铣刀工具刀柄
- 采用刚性攻牙本体, 使用时, 螺帽请勿过度锁紧, 以免造成损坏, ER 扳手为另购品
- Spindle Conicity Standard: JDIN69871A or GB10944
- Rigid function ensures machining center spindle rotate in synchronized precise, While MTB holder in use
- 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

> 命名方式 | Naming And Coding Rules



C-TER-B 直柄刚性伸缩攻牙刀柄

Straight Shank Rigid Taper Holder C-TER-B



订货号 Ordering code	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
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
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

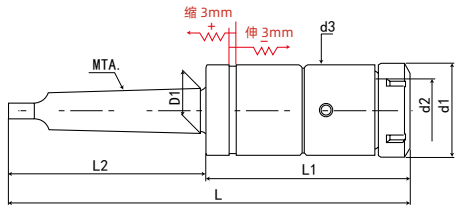
> 特点 | Features

- 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
- 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

> 命名方式 | Naming And Coding Rules



MTA-TER-B 莫氏扁尾刚性伸缩攻牙刀柄
Morse Rigid Tension and Compression Taper Holder(MTA)



订货号 Ordering code	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	17.78	TER16
MTA2-TER20-B-100	M2-M16	34	20	34	184	100	84	17.78	TER20
MTA2-TER25-B-100	M2-M22	42	25	42	184	100	84	17.78	TER25
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
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
MTA5-TER32-B-100	M2-M30	50	32	50	256	100	156	44.399	TER32

MTA-TER-B 莫氏扁尾刚性伸缩攻牙刀柄
Morse Rigid Tension and Compression Taper Holder(MTA)

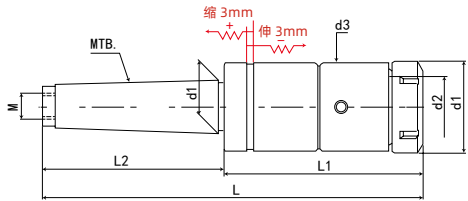
特点 | Features

- 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
- 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

命名方式 | Naming And Coding Rules



MTB-TER-B 莫氏后拉式刚性伸缩攻牙刀柄
Morse Rigid Tension and Compression Taper Holder(MTB)



订货号 Ordering code	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	17.78	M10*1.5P	TER16
MTB2-TER20-B-100	M2-M16	34	20	34	168	100	68	17.78	M10*1.5P	TER20
MTB2-TER25-B-100	M2-M22	42	25	42	168	100	68	17.78	M10*1.5P	TER25
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
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
MTB5-TER32-100	M2-M30	50	32	50	236	100	136	44.399	M20*2.5P	TER32

MTB-TER-B 莫氏后拉式刚性伸缩攻牙刀柄
Morse Rigid Tension and Compression Taper Holder(MTB)

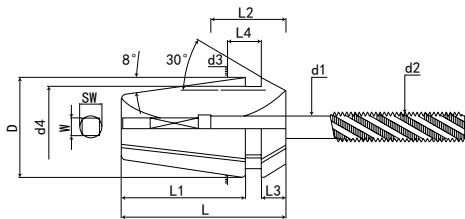
特点 | Features

- 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
- 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

命名方式 | Naming And Coding Rules



ERG 刚性攻牙筒夹 (公制)
ERG Rigid Tap Collet(ISO)



型号 Model No.	D	d3	d4	L	L1	L3	L4	Capacity	重量 KGS
ER16G	17	16	13.8	27.5	20.8	4	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	6.66	M3-M22	0.06
ER32G	33	32	29.2	40	31.8	5.5	7.16	M3-M27	0.1
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

- 外径尺寸根据 DIN6499-B
- 材料: SUJ2
- 硬度: 44-48HRC

- Outer diameter size according to DIN6499-B
- Material: SUJ2
- Hardness: 44-48HRC

ER16G

订货号 Ordering code	d1	SW	W □	通用标准 Standard d2				
				ISO	JIS	DIN371	DIN376	L2
ER16G-2.24	2.24	2	1.8	M3	-	-	-	15
ER16G-2.5-1	2.5	2.2	2.1	-	-	-	M3.5	15
ER16G-2.5-2	2.5	2.2	2	M3.5	-	-	-	15
ER16G-2.8	2.8	2.6	2.1	-	-	-	M4	15
ER16G-3	3	2.8	2.5	-	M2	-	-	18
ER16G-3.15	3.15	2.9	2.5	M3/M4	-	-	-	18
ER16G-3.5	3.5	3.3	2.7	-	-	M3	M5	18
ER16G-3.55	3.55	3.3	2.8	M3.5/M4.5	-	-	-	18
ER16G-4-1	4	3.8	3	-	-	M3.5	-	18
ER16G-4-2	4	3.8	3.1	-	M3	-	-	18
ER16G-4-3	4	3.8	3.15	M4/M5	-	-	-	18
ER16G-4.5	4.5	4.3	3.4	-	-	M4	M6	18

转下页 see next page →

ERG 刚性攻牙筒夹 (公制)
ERG Rigid Tap Collet(ISO)

ER16G

订货号 Ordering code	d1	SW	W □	通用标准 Standard d2				
				ISO	JIS	DIN371	DIN376	L2
ER16G-4.5	4.5	4.3	3.55	M6	-	-	-	18
ER16G-5	5	4.7	4	M5	M4/M4.5	-	-	18
ER16G-5.5-1	5.5	4.37	4.3	-	-	-	M7	18
ER16G-5.5-2	5.5	4.37	4.5	-	M5/M5.5	-	-	18
ER16G-6-1	6	5.09	4.5	-	M6	-	-	18
ER16G-6-2	6	5.09	4.9	-	-	M5/M6	M8	18
ER16G-6.2	6.2	5.21	5	-	M7/M8	-	-	18
ER16G-6.3	6.3	5.21	5	M6/M8	-	-	-	18
ER16G-7	7	5.84	5.5	-	M9/M10	M7	M10	18
ER16G-8-1	8	6.88	6	-	M11	-	-	22
ER16G-8-2	8	6.88	6.2	-	-	M8	M11	22
ER16G-8-3	8	6.88	6.3	M8/M10	-	-	-	22
ER16G-8.5	8.5	7.14	6.5	-	M12	-	-	22
ER16G-9-1	9	7.95	7	-	-	-	M12	22
ER16G-9-2	9	7.95	7.1	M12	-	-	-	22
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

订货号 Ordering code	d1	SW	W □	通用标准 Standard d2				
				ISO	JIS	DIN371	DIN376	L2
ER20G-2.24	2.24	2	1.8	M3	-	-	-	15
ER20G-2.5-1	2.5	2.2	2.1	-	-	-	M3.5	15
ER20G-2.5-2	2.5	2.2	2	M3.5	-	-	-	15
ER20G-2.8	2.8	2.6	2.1	-	-	-	M4	15
ER20G-3	3	2.8	2.5	-	M2	-	-	18
ER20G-3.15	3.15	2.9	2.5	M3/M4	-	-	-	18
ER20G-3.5	3.5	3.3	2.7	-	-	M3	M5	18
ER20G-3.55	3.55	3.3	2.8	M3.5/M4.5	-	-	-	18
ER20G-4-1	4	3.8	3	-	-	M3.5	-	18
ER20G-4-2	4	3.8	3.1	-	M3	-	-	18
ER20G-4-3	4	3.8	3.15	M4/M5	-	-	-	18
ER20G-4.5	4.5	4.3	3.4	-	-	M4	M6	18

转下页 see next page →

ERG 刚性攻牙筒夹 (公制)
ERG Rigid Tap Collet(ISO)

ER20G

订货号 Ordering code	d1	SW	W □	通用标准 Standard d2				
				ISO	JIS	DIN371	DIN376	L2
ER20G-4.5	4.5	4.3	3.55	M6	-	-	-	18
ER20G-5	5	4.7	4	M5	M4/M4.5	-	-	18
ER20G-5.5-1	5.5	4.37	4.3	-	-	-	M7	18
ER20G-5.5-2	5.5	4.37	4.5	-	M5/M5.5	-	-	18
ER20G-6-1	6	5.09	4.5	-	M6	-	-	18
ER20G-6-2	6	5.09	4.9	-	-	M5/M6	M8	18
ER20G-6.2	6.2	5.21	5	-	M7/M8	-	-	18
ER20G-6.3	6.3	5.21	5	M6/M8	-	-	-	18
ER20G-7	7	5.84	5.5	-	M9/M10	M7	M10	18
ER20G-8-1	8	6.88	6	-	M11	-	-	22
ER20G-8-2	8	6.88	6.2	-	-	M8	M11	22
ER20G-8-3	8	6.88	6.3	M8/M10	-	-	-	22
ER20G-8.5	8.5	7.14	6.5	-	M12	-	-	22
ER20G-9-1	9	7.95	7	-	-	-	M12	22
ER20G-9-2	9	7.95	7.1	M12	-	-	-	22
ER20G-10	10	9.16	8	M10	-	M10	-	25
ER20G-10.5	10.5	9.16	8	-	M14/M15	-	-	25
ER20G-11	11	10.53	9	-	-	-	M14	25
ER20G-11.2	11.2	10.53	9	M14	-	-	-	25
ER20G-12	12	10.53	9	-	-	-	M16	25
ER20G-12.5	12.5	11.91	10	M16	M16	-	-	25
ER20G-13	13	11.91	10	-	M17	-	-	25

ER25G

订货号 Ordering code	d1	SW	W □	通用标准 Standard d2				
				ISO	JIS	DIN371	DIN376	L2
ER25G-2.24	2.24	2	1.8	M3	-	-	-	15
ER25G-2.5-1	2.5	2.2	2.1	-	-	-	M3.5	15
ER25G-2.5-2	2.5	2.2	2	M3.5	-	-	-	15
ER25G-2.8	2.8	2.6	2.1	-	-	-	M4	15
ER25G-3	3	2.8	2.5	-	M2	-	-	18
ER25G-3.15	3.15	2.9	2.5	M3/M4	-	-	-	18
ER25G-3.5	3.5	3.3	2.7	-	-	M3	M5	18
ER25G-3.55	3.55	3.3	2.8	M3.5/M4.5	-	-	-	18
ER25G-4	4	3.8	3	-	-	M3.5	-	18

转下页 see next page →

ERG 刚性攻牙筒夹 (公制)
ERG Rigid Tap Collet(ISO)

ER25G

订货号 Ordering code	d1	SW	W □	通用标准 Standard d2				
				ISO	JIS	DIN371	DIN376	L2
ER25G-4-1	4	3.8	3.1	-	M3	-	-	18
ER25G-4-2	4	3.8	3.15	M4/M5	-	-	-	18
ER25G-4.5-1	4.5	4.3	3.4	-	-	M4	M6	18
ER25G-4.5-2	4.5	4.3	3.55	M6	-	-	-	18
ER25G-5	5	4.7	4	M5	M4/M4.5	-	-	18
ER25G-5.5-1	5.5	4.37	4.3	-	-	-	M7	18
ER25G-5.5-2	5.5	4.37	4.5	-	M5/M5.5	-	-	18
ER25G-6-1	6	5.09	4.5	-	M6	-	-	18
ER25G-6-2	6	5.09	4.9	-	-	M5/M6	M8	18
ER25G-6.2	6.2	5.21	5	-	M7/M8	-	-	18
ER25G-6.3	6.3	5.21	5	M6/M8	-	-	-	18
ER25G-7	7	5.84	5.5	-	M9/M10	M7	M10	18
ER25G-8-1	8	6.88	6	-	M11	-	-	22
ER25G-8-2	8	6.88	6.2	-	-	M8	M11	22
ER25G-8-3	8	6.88	6.3	M8/M10	-	-	-	22
ER25G-8.5	8.5	7.14	6.5	-	M12	-	-	22
ER25G-9-1	9	7.95	7	-	-	-	M12	22
ER25G-9-2	9	7.95	7.1	M12	-	-	-	22
ER25G-10	10	9.16	8	M10	-	M10	-	25
ER25G-10.5	10.5	9.16	8	-	M14/M15	-	-	25
ER25G-11	11	10.53	9	-	-	-	M14	25
ER25G-11.2	11.2	10.53	9	M14	-	-	-	25
ER25G-12	12	10.53	9	-	-	-	M16	25
ER25G-12.5	12.5	11.91	10	M16	M16	-	-	25
ER25G-13	13	11.91	10	-	M17	-	-	25
ER25G-14-1	14	12.97	11	-	M18	-	M18	28
ER25G-14-2	14	12.97	11.2	M18/M20	-	-	-	28
ER25G-15	15	14.06	12	-	M20	-	-	28
ER25G-16-1	16	14.06	12	-	-	-	M20	28
ER25G-16-2	16	14.06	12.5	M22	-	-	-	28

ERG 刚性攻牙筒夹 (公制)
ERG Rigid Tap Collet(ISO)

› ER32G

订货号 Ordering code	d1	SW	W □	通用标准 Standard d2				
				ISO	JIS	DIN371	DIN376	L2
ER32G-2.24	2.24	2	1.8	M3	-	-	-	15
ER32G-2.5-1	2.5	2.2	2.1	-	-	-	M3.5	15
ER32G-2.5-2	2.5	2.2	2	M3.5	-	-	-	15
ER32G-2.8	2.8	2.6	2.1	-	-	-	M4	15
ER32G-3	3	2.8	2.5	-	M2	-	-	18
ER32G-3.15	3.15	2.9	2.5	M3/M4	-	-	-	18
ER32G-3.5	3.5	3.3	2.7	-	-	M3	M5	18
ER32G-3.55	3.55	3.3	2.8	M3.5/M4.5	-	-	-	18
ER32G-4-1	4	3.8	3	-	-	M3.5	-	18
ER32G-4-2	4	3.8	3.1	-	M3	-	-	18
ER32G-4-3	4	3.8	3.15	M4/M5	-	-	-	18
ER32G-4.5-1	4.5	4.3	3.4	-	-	M4	M6	18
ER32G-4.5-2	4.5	4.3	3.55	M6	-	-	-	18
ER32G-5	5	4.7	4	M5	M4/M4.5	-	-	18
ER32G-5.5-1	5.5	4.37	4.3	-	-	-	M7	18
ER32G-5.5-2	5.5	4.37	4.5	-	M5/M5.5	-	-	18
ER32G-6-1	6	5.09	4.5	-	M6	-	-	18
ER32G-6-2	6	5.09	4.9	-	-	M5/M6	M8	18
ER32G-6.2	6.2	5.21	5	-	M7/M8	-	-	18
ER32G-6.3	6.3	5.21	5	M6/M8	-	-	-	18
ER32G-7	7	5.84	5.5	-	M9/M10	M7	M10	18
ER32G-8-1	8	6.88	6	-	M11	-	-	22
ER32G-8-2	8	6.88	6.2	-	-	M8	M11	22
ER32G-8-3	8	6.88	6.3	M8/M10	-	-	-	22
ER32G-8.5	8.5	7.14	6.5	-	M12	-	-	22
ER32G-9-1	9	7.95	7	-	-	-	M12	22
ER32G-9-2	9	7.95	7.1	M12	-	-	-	22
ER32G-10	10	9.16	8	M10	-	M10	-	25
ER32G-10.5	10.5	9.16	8	-	M14/M15	-	-	25
ER32G-11	11	10.53	9	-	-	-	M14	25
ER32G-11.2	11.2	10.53	9	M14	-	-	-	25
ER32G-12	12	10.53	9	-	-	-	M16	25
ER32G-12.5	12.5	11.91	10	M16	M16	-	-	25
ER32G-13	13	11.91	10	-	M17	-	-	25
ER32G-14	14	12.97	11	-	M18	-	M18	28

转下页 see next page →

ERG 刚性攻牙筒夹 (公制)
ERG Rigid Tap Collet(ISO)

› ER32G

订货号 Ordering code	d1	SW	W □	通用标准 Standard d2				
				ISO	JIS	DIN371	DIN376	L2
ER32G-14	14	12.97	11.2	M18/M20	-	-	-	28
ER32G-15	15	14.06	12	-	M20	-	-	28
ER32G-16-1	16	14.06	12	-	-	-	M20	28
ER32G-16-2	16	14.06	12.5	M22	-	-	-	28
ER32G-17	17	15.44	13	-	M22	-	-	33
ER32G-18-1	18	17.52	14.5	-	-	-	M22/M24	33
ER32G-18-2	18	17.52	14	M24	-	-	-	33
ER32G-19	19	18.22	15	-	M24/M25	-	-	33
ER32G-20	20	19.61	15	-	M26/M27	-	-	33

› ER40G

订货号 Ordering code	d1	SW	W □	通用标准 Standard d2				
				ISO	JIS	DIN371	DIN376	L2
ER40G-2.24	2.24	2	1.8	M3	-	-	-	15
ER40G-2.5-1	2.5	2.2	2.1	-	-	-	M3.5	15
ER40G-2.5-2	2.5	2.2	2	M3.5	-	-	-	15
ER40G-2.8	2.8	2.6	2.1	-	-	-	M4	15
ER40G-3	3	2.8	2.5	-	M2	-	-	18
ER40G-3.15	3.15	2.9	2.5	M3/M4	-	-	-	18
ER40G-3.5	3.5	3.3	2.7	-	-	M3	M5	18
ER40G-3.55	3.55	3.3	2.8	M3.5/M4.5	-	-	-	18
ER40G-4-1	4	3.8	3	-	-	M3.5	-	18
ER40G-4-2	4	3.8	3.1	-	M3	-	-	18
ER40G-4-3	4	3.8	3.15	M4/M5	-	-	-	18
ER40G-4.5-1	4.5	4.3	3.4	-	-	M4	M6	18
ER40G-4.5-2	4.5	4.3	3.55	M6	-	-	-	18
ER40G-5	5	4.7	4	M5	M4/M4.5	-	-	18
ER40G-5.5-1	5.5	4.37	4.3	-	-	-	M7	18
ER40G-5.5-2	5.5	4.37	4.5	-	M5/M5.5	-	-	18
ER40G-6-1	6	5.09	4.5	-	M6	-	-	18
ER40G-6-2	6	5.09	4.9	-	-	M5/M6	M8	18
ER40G-6.2	6.2	5.21	5	-	M7/M8	-	-	18
ER40G-6.3	6.3	5.21	5	M6/M8	-	-	-	18
ER40G-7	7	5.84	5.5	-	M9/M10	M7	M10	18
ER40G-8	8	6.88	6	-	M11	-	-	22

转下页 see next page →

ERG 刚性攻牙筒夹 (公制)
ERG Rigid Tap Collet(ISO)

› ER40G

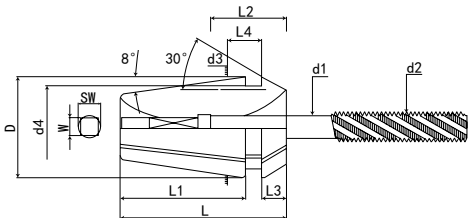
订货号 Ordering code	d1	SW	W □	通用标准 Standard d2				
				ISO	JIS	DIN371	DIN376	L2
ER40G-8-1	8	6.88	6.2	-	-	M8	M11	22
ER40G-8-2	8	6.88	6.3	M8/M10	-	-	-	22
ER40G-8.5	8.5	7.14	6.5	-	M12	-	-	22
ER40G-9-1	9	7.95	7	-	-	-	M12	22
ER40G-9-2	9	7.95	7.1	M12	-	-	-	22
ER40G-10	10	9.16	8	M10	-	M10	-	25
ER40G-10.5	10.5	9.16	8	-	M14/M15	-	-	25
ER40G-11	11	10.53	9	-	-	-	M14	25
ER40G-11.2	11.2	10.53	9	M14	-	-	-	25
ER40G-12	12	10.53	9	-	-	-	M16	25
ER40G-12.5	12.5	11.91	10	M16	M16	-	-	25
ER40G-13	13	11.91	10	-	M17	-	-	25
ER40G-14-1	14	12.97	11	-	M18	-	M18	28
ER40G-14-2	14	12.97	11.2	M18/M20	-	-	-	28
ER40G-15	15	14.06	12	-	M20	-	-	28
ER40G-16-1	16	14.06	12	-	-	-	M20	28
ER40G-16-2	16	14.06	12.5	M22	-	-	-	28
ER40G-17	17	15.44	13	-	M22	-	-	33
ER40G-18-1	18	17.52	14.5	-	-	-	M22/M24	33
ER40G-18-2	18	17.52	14	M24	-	-	-	33
ER40G-19	19	18.22	15	-	M24/M25	-	-	33
ER40G-20	20	19.61	15	-	M26/M27	-	-	33

ERG 刚性攻牙筒夹 (公制)
ERG Rigid Tap Collet(ISO)

› ER50G

订货号 Ordering code	d1	SW	W □	通用标准 Standard d2				
				ISO	JIS	DIN371	DIN376	L2
ER50G-6-1	6	5.09	4.5	-	M6	-	-	18
ER50G-6-2	6	5.09	4.9	-	-	M5/M6	M8	18
ER50G-6.2	6.2	5.21	5	-	M7/M8	-	-	18
ER50G-6.3	6.3	5.21	5	M6/M8	-	-	-	18
ER50G-7	7	5.84	5.5	-	M9/M10	M7	M10	18
ER50G-8-1	8	6.88	6	-	M11	-	-	22
ER50G-8-2	8	6.88	6.2	-	-	M8	M11	22
ER50G-8-3	8	6.88	6.3	M8/M10	-	-	-	22
ER50G-8.5	8.5	7.14	6.5	-	M12	-	-	22
ER50G-9-1	9	7.95	7	-	-	-	M12	22
ER50G-9-2	9	7.95	7.1	M12	-	-	-	22
ER50G-10	10	9.16	8	M10	-	M10	-	25
ER50G-10.5	10.5	9.16	8	-	M14/M15	-	-	25
ER50G-11	11	10.53	9	-	-	-	M14	25
ER50G-11.2	11.2	10.53	9	M14	-	-	-	25
ER50G-12	12	10.53	9	-	-	-	M16	25
ER50G-12.5	12.5	11.91	10	M16	M16	-	-	25
ER50G-13	13	11.91	10	-	M17	-	-	25
ER50G-14-1	14	12.97	11	-	M18	-	M18	25
ER50G-14-2	14	12.97	11.2	M18/M20	-	-	-	25
ER50G-15	15	14.06	12	-	M20	-	-	25
ER50G-16-1	16	14.06	12	-	-	-	M20	25
ER50G-16-2	16	14.06	12.5	M22	-	-	-	25
ER50G-17	17	15.44	13	-	M22	-	-	28
ER50G-18-1	18	17.52	14.5	-	-	-	M22/M24	28
ER50G-18-2	18	17.52	14	M24	-	-	-	28
ER50G-19	19	18.22	15	-	M24/M25	-	-	28
ER50G-20	20	19.61	15	-	M26/M27	-	-	40
ER50G-21-1	21	20.5	17	-	M28	-	-	40
ER50G-22-2	22	21.6	18	-	-	-	M30	40
ER50G-22.4	22.4	21.6	18	M33	-	-	-	40
ER50G-23	23	20.5	17	-	M30	-	-	40
ER50G-25-1	25	24.53	19	-	M33	-	-	40
ER50G-25-2	25	24.53	20	M36	-	-	-	40
ER50G-28	28	27	21	-	M36	-	-	40

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"

ERG 刚性攻牙筒夹 (英制)
ERG Rigid Tap Collet(INCH)

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"

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"

ERG 刚性攻牙筒夹 (英制)
ERG Rigid Tap Collet(INCH)

> ER40G Rigid Tap Collet

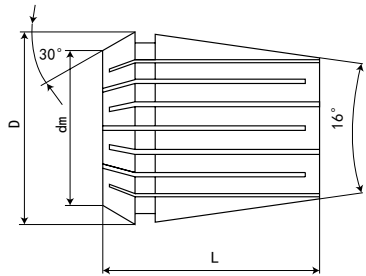
d2	d1	SW	W □
1/4	0.255"	0.198"	0.191"
5/16	0.318"	0.258"	0.238"
7/16	0.323"	0.263"	0.242"
1/2	0.367"	0.307"	0.275"
3/8	0.381"	0.321"	0.286"
9/16	0.429"	0.370"	0.322"
1/8PT	0.437"	0.378"	0.328"
5/8	0.480"	0.422"	0.360"
11/16	0.542"	0.486"	0.406"
1/4PT	0.562"	0.483"	0.421"
3/4	0.590"	0.512"	0.442"
13/16	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"

HOLDER
ACCESSORIES
刀柄配件



高精度 ER 弹性筒夹

High-Precision ER Collet

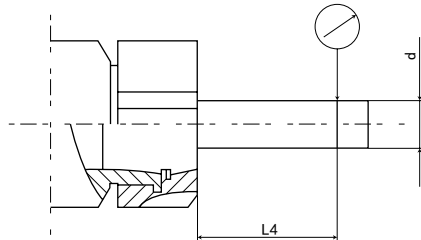


> 特点 | Features

- 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
- 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

> 精度检测 | Inspection of Accuracy

型号 Model No.	L4	d	径向跳动 Run out	
			A 级	AA 级
ER8	12	3	≤ 0.008mm	≤ 0.005mm
ER11	15	5	≤ 0.008mm	≤ 0.005mm
ER16	24	6	≤ 0.008mm	≤ 0.005mm
ER20	32	8	≤ 0.008mm	≤ 0.005mm
ER25	48	12	≤ 0.008mm	≤ 0.005mm
ER32	64	16	≤ 0.008mm	≤ 0.005mm
ER40	80	20	≤ 0.008mm	≤ 0.005mm
ER50	100	25	≤ 0.008mm	≤ 0.005mm



高精度 ER 弹性筒夹

High-Precision ER Collet

> 精湛的加工工艺 | Super Maching Technology

- -185°C超长深冷处理, 使接近全部的残余奥氏体转变为马氏体
- 析出的纳米级碳化物颗粒, 增加硬度和韧性
- 减少残余应力
- 耐磨性显著提高
- ≥ 100h 超长定型热时效去除磨加工时的残余内应力
- -185°C long cryogenic, nearly of the residual austenite into martensite
- Carbide precipitation of Nanoscale particles, increasing the hardness and toughness
- Reducing residual stresses
- Wear resistance significantly improved
- Thermal aging processing ≥ 100h long stereotyped thermal limitation removal of grinding residual stress

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
	基础订货号 Basic Ordering Code	基础订货号 Basic Ordering Code	基础订货号 Basic Ordering Code	基础订货号 Basic Ordering Code	基础订货号 Basic Ordering Code	基础订货号 Basic Ordering Code	基础订货号 Basic Ordering Code	基础订货号 Basic Ordering Code
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

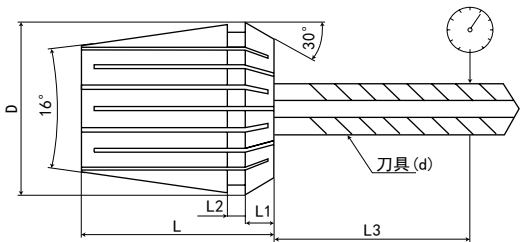
转下页 see next page →

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
	基础订货号 Basic Ordering Code	基础订货号 Basic Ordering Code	基础订货号 Basic Ordering Code	基础订货号 Basic Ordering Code	基础订货号 Basic Ordering Code	基础订货号 Basic Ordering Code	基础订货号 Basic Ordering Code	基础订货号 Basic Ordering Code
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

- 订货号 = 基础订货号 + 等级
 - 举例：订货号是：ER32-20-A(或 AA)
- Ordering code = basic ordering code + grade
 - Example: ordering code ER32-20-A(or AA)

ER 止水筒夹
ER Coolant Collet



型号 Model No.	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
ER16S	6-10	0.5	16	17	27.5	6.26
ER20S	3-6	0.1	20	21	31.5	6.36
ER20S	6-13	0.5	20	21	31.5	6.36
ER25S	3-6	0.1	25	26	34	6.66
ER25S	6-16	0.5	25	26	34	6.66
ER32S	3-8	0.1	32	33	40	7.16
ER32S	8-20	0.5	32	33	40	7.16
ER40S	4-10	0.1	40	41	46	7.66
ER40S	10-26	0.5	40	41	46	7.66
ER50S	12-34	0.5	50	52	60	12.6

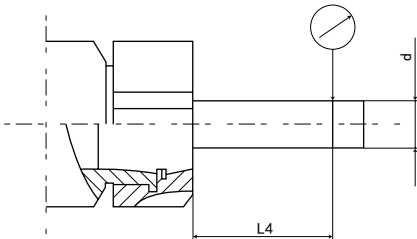
特点 | Features

- 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
- 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
 - Can withstand water pressure 7Mpa
 - Non-standard holes can be customized

ER 止水筒夹
ER Coolant Collet

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 | Features

- 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）
- Take use of the difference of flute and the use of sealed ring to attain surrounding coolant and provide center as water outlet
 - Useful to chuck cutting tools with water outlet
 - Can bear the water pressure up to 21 kgf/cm2
 - No flexibility(NO flexible chucking range. It depends on the biggest chucking range)
 - Non-standard type, such as inch type or decimal type, are welcomed to order
 - The ER part of the product is according to DIN-6499. It can be used with suitable tool holders

ER11S		ER16S		ER20S		ER25S		ER32S		ER40S		ER50S	
基础订货号 Basic Ordering Code	夹持 范围 Range	基础订货号 Basic Ordering Code	夹持 范围 Range	基础订货号 Basic Ordering Code	夹持 范围 Range	基础订货号 Basic Ordering Code	夹持 范围 Range	基础订货号 Basic Ordering Code	夹持 范围 Range	基础订货号 Basic Ordering Code	夹持 范围 Range	基础订货号 Basic Ordering Code	夹持 范围 Range
ER11S-3	3-2.9	ER16S-3	3-2.9	ER20S-3	3-2.9	ER25S-3	3-2.9	ER32S-3	3-2.9	ER40S-4	4-3.9	ER50S-12	12-11.5
ER11S-4	4-3.9	ER16S-4	4-3.9	ER20S-4	4-3.9	ER25S-4	4-3.9	ER32S-4	4-3.9	ER40S-5	5-4.9	ER50S-14	14-13.5
ER11S-4.5	4.5-4.4	ER16S-4.5	4.5-4.4	ER20S-5	5-4.9	ER25S-5	5-4.9	ER32S-5	5-4.9	ER40S-6	6-5.9	ER50S-16	16-15.5
ER11S-5	5-4.9	ER16S-5	5-4.9	ER20S-5.5	5.5-5.4	ER25S-6	6-5.5	ER32S-6	6-5.9	ER40S-7	7-6.9	ER50S-16.5	16.5-16
ER11S-5.5	5.5-5.4	ER16S-5.5	5.5-5.4	ER20S-6	6-5.5	ER25S-6.5	6.5-6	ER32S-7	7-6.9	ER40S-8	8-7.9	ER50S-17	17-16.5
ER11S-6	6-5.9	ER16S-6	6-5.5	ER20S-6.5	6.5-6	ER25S-7	7-6.5	ER32S-8	8-7.5	ER40S-9	9-8.9	ER50S-17.5	17.5-17
ER11S-6.5	6.5-6.4	ER16S-6.5	6.5-6	ER20S-7	7-6.5	ER25S-7.5	7.5-7	ER32S-8.5	8.5-8	ER40S-10	10-9.5	ER50S-18	18-17.5
ER11S-7	7-6.9	ER16S-7	7-6.5	ER20S-7.5	7.5-7	ER25S-8	8-7.5	ER32S-9	9-8.5	ER40S-10.5	10.5-10	ER50S-18.5	18.5-18
-	-	ER16S-7.5	7.5-7	ER20S-8	8-7.5	ER25S-8.5	8.5-8	ER32S-9.5	9.5-9	ER40S-11	11-10.5	ER50S-19	19-18.5
-	-	ER16S-8	8-7.5	ER20S-8.5	8.5-8	ER25S-9	9-8.5	ER32S-10	10-9.5	ER40S-11.5	11.5-11	ER50S-19.5	19.5-19
-	-	ER16S-8.5	8.5-8	ER20S-9	9-8.5	ER25S-9.5	9.5-9	ER32S-10.5	10.5-10	ER40S-12	12-11.5	ER50S-20	20-19.5
-	-	ER16S-9	9-8.5	ER20S-9.5	9.5-9	ER25S-10	10-9.5	ER32S-11	11-10.5	ER40S-12.5	12.5-12	ER50S-20.5	20.5-20
-	-	ER16S-9.5	9.5-9	ER20S-10	10-9.5	ER25S-10.5	10.5-10	ER32S-11.5	11.5-11	ER40S-13	13-12.5	ER50S-21	21-20.5
-	-	ER16S-10	10-9.5	ER20S-10.5	10.5-10	ER25S-11	11-10.5	ER32S-12	12-11.5	ER40S-13.5	13.5-13	ER50S-21.5	21.5-21
-	-	-	-	ER20S-11	11-10.5	ER25S-11.5	11.5-11	ER32S-12.5	12.5-12	ER40S-14	14-13.5	ER50S-22	22-21.5

转下页 see next page →

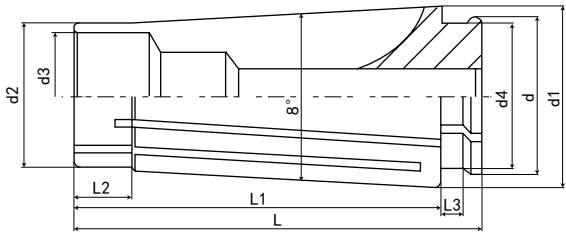
ER 止水筒夹
ER Coolant Collet

ER11S		ER16S		ER20S		ER25S		ER32S		ER40S		ER50S	
基础订货号 Basic Ordering Code	夹持 范围 Range	基础订货号 Basic Ordering Code	夹持 范围 Range	基础订货号 Basic Ordering Code	夹持 范围 Range	基础订货号 Basic Ordering Code	夹持 范围 Range	基础订货号 Basic Ordering Code	夹持 范围 Range	基础订货号 Basic Ordering Code	夹持 范围 Range	基础订货号 Basic Ordering Code	夹持 范围 Range
-	-	-	-	ER20S-11.5	11.5-11	ER25S-12	12-11.5	ER32S-13	13-12.5	ER40S-14.5	14.5-14	ER50S-22.5	22.5-22
-	-	-	-	ER20S-12	12-11.5	ER25S-12.5	12.5-12	ER32S-13.5	13.5-13	ER40S-15	15-14.5	ER50S-23	23-22.5
-	-	-	-	ER20S-12.5	12.5-12	ER25S-13	13-12.5	ER32S-14	14-13.5	ER40S-15.5	15.5-15	ER50S-23.5	23.5-23
-	-	-	-	ER20S-13	13-12.5	ER25S-13.5	13.5-13	ER32S-14.5	14.5-14	ER40S-16	16-15.5	ER50S-24	24-23.5
-	-	-	-	-	-	ER25S-14	14-13.5	ER32S-15	15-14.5	ER40S-16.5	16.5-16	ER50S-24.5	24.5-24
-	-	-	-	-	-	ER25S-14.5	14.5-14	ER32S-15.5	15.5-15	ER40S-17	17-16.5	ER50S-25	25-24.5
-	-	-	-	-	-	ER25S-15	15-14.5	ER32S-16	16-15.5	ER40S-17.5	17.5-17	ER50S-25.5	25.5-25
-	-	-	-	-	-	ER25S-15.5	15.5-15	ER32S-16.5	16.5-16	ER40S-18	18-17.5	ER50S-26	26-25.5
-	-	-	-	-	-	ER25S-16	16-15.5	ER32S-17	17-16.5	ER40S-18.5	18.5-18	ER50S-26.5	26.5-26
-	-	-	-	-	-	-	-	ER32S-17.5	17.5-17	ER40S-19	19-18.5	ER50S-27	27-26.5
-	-	-	-	-	-	-	-	ER32S-18	18-17.5	ER40S-19.5	19.5-19	ER50S-27.5	27.5-27
-	-	-	-	-	-	-	-	ER32S-18.5	18.5-18	ER40S-20	20-19.5	ER50S-28	28-27.5
-	-	-	-	-	-	-	-	ER32S-19	19-18.5	ER40S-20.5	20.5-20	ER50S-28.5	28.5-28
-	-	-	-	-	-	-	-	ER32S-19.5	19.5-19	ER40S-21	21-20.5	ER50S-29	29-28.5
-	-	-	-	-	-	-	-	ER32S-20	20-19.5	ER40S-21.5	21.5-21	ER50S-29.5	29.5-29
-	-	-	-	-	-	-	-	-	-	ER40S-22	22-21.5	ER50S-30	30-29.5
-	-	-	-	-	-	-	-	-	-	ER40S-22.5	22.5-22	ER50S-30.5	30.5-30
-	-	-	-	-	-	-	-	-	-	ER40S-23	23-22.5	ER50S-31	31-30.5
-	-	-	-	-	-	-	-	-	-	ER40S-23.5	23.5-23	ER50S-31.5	31.5-31
-	-	-	-	-	-	-	-	-	-	ER40S-24	24-23.5	ER50S-32	32-31.5
-	-	-	-	-	-	-	-	-	-	ER40S-24.5	24.5-24	ER50S-32.5	32.5-32
-	-	-	-	-	-	-	-	-	-	ER40S-25	25-24.5	ER50S-33	33-32.5
-	-	-	-	-	-	-	-	-	-	ER40S-25.5	25.5-25	ER50S-33.5	33.5-33
-	-	-	-	-	-	-	-	-	-	ER40S-26	26-25.5	ER50S-34	34-33.5

- 订货号 = 基础订货号 + 等级
 - 举例：订货号是：ER32S-20-A（或 AA）
- Ordering code = basic ordering code + grade
 - Example: ordering code ER32S-20-A(or AA)

订货号 Ordering code	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 | Features

- 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

- 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 effect
- Surface "environmental protection", special coating surface treatment, improve the hardness and endurance of the surface, cleanliness 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 |

- -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
- -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

型号 Model No.	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

- 订货号 = 基础订货号 + 等级
- 举例: 订货号是: GSK10-2-A(或 AA)
- Ordering code = basic ordering code + grade
- Example: ordering code GSK10-2-A (or AA)

GSK06		GSK10		GSK13		GSK16		GSK20		GSK25	
基础订货号 Basic Ordering Code	夹持范围 Range	基础订货号 Basic Ordering Code	夹持范围 Range	基础订货号 Basic Ordering Code	夹持范围 Range	基础订货号 Basic Ordering Code	夹持范围 Range	基础订货号 Basic Ordering Code	夹持范围 Range	基础订货号 Basic Ordering Code	夹持范围 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

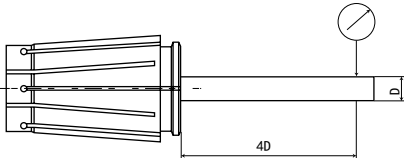
转下页 see next page →

GSK 高速筒夹系列
GSK High Speed Collet Series

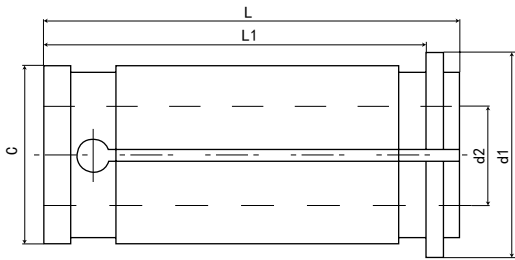
GSK06		GSK10		GSK13		GSK16		GSK20		GSK25	
基础订货号 Basic Ordering Code	夹持范围 Range	基础订货号 Basic Ordering Code	夹持范围 Range	基础订货号 Basic Ordering Code	夹持范围 Range	基础订货号 Basic Ordering Code	夹持范围 Range	基础订货号 Basic Ordering Code	夹持范围 Range	基础订货号 Basic Ordering Code	夹持范围 Range
-	-	-	-	GSK13-13	13-12.5	GSK16-12.5	12.5-12	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 AA class
4XD	≤ 0.01	≤ 0.008

- 材质: SUJ2
 - 热处理硬度: HRC44-48
- Material: SUJ2
 - Hardness: HRC44-48

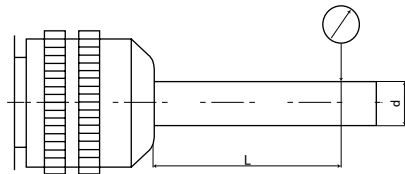


C 型强力直柄筒夹
C Straight Collet



订货号 Ordering code		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
英制规格可订购 Inch size can be ordered						

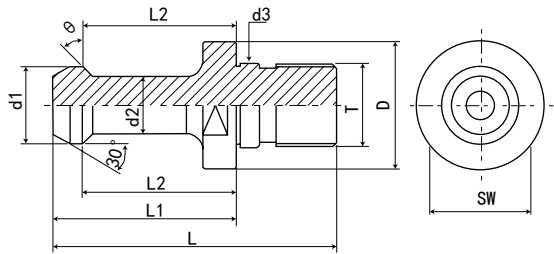
d	L	径向跳动 Run out(mm)	
		普通级 General level	高精级 High precision
< 10	30	0.015	0.01
≥ 10-20	50	0.015	0.01
> 20	80	0.02	0.01



特点 | Features

- 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
 - 订购时请告知所需精度等级
- 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

日本标准拉钉 MAS 403-1975
Japanese Standard Pull Stud MAS 403-1975



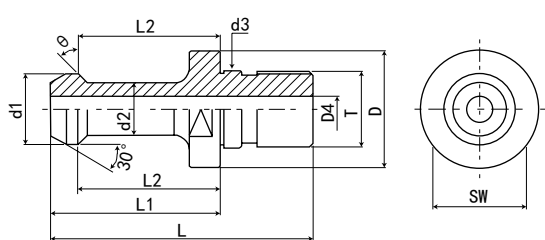
全白

白牙

标准型 | Standard type

订货号 Ordering code	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	0.10
BT50-45°	38	23	17	25	85	45	35	M24	0.30
BT60-45°	56	32	24	31	115	65	53	M30	0.40
BT30-60°	16.5	11	7	12.5	43	23	18	M12	0.04
BT40-60°	23	15	10	17	60	35	28	M16	0.10
BT50-60°	38	23	17	25	85	45	35	M24	0.30
BT60-60°	56	32	24	31	115	65	53	M30	0.40
BT30-90°	16.5	11	7	12.5	43	23	18	M12	0.04
BT40-90°	23	15	10	17	60	35	28	M16	0.10
BT50-90°	38	23	17	25	85	45	35	M24	0.30
BT60-90°	56	32	24	31	115	65	53	M30	0.40

日本标准拉钉 MAS 403-1975
Japanese Standard Pull Stud MAS 403-1975



全白

白牙

中心出水 | Coolant

订货号 Ordering code	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	0.10
BT50-45° W	38	6	23	17	25	85	45	35	M24	0.30
BT60-45° W	56	14	32	24	31	115	65	53	M30	0.40
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	0.10
BT50-60° W	38	6	23	17	25	85	45	35	M24	0.30
BT60-60° W	56	14	32	24	31	115	65	53	M30	0.40
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	0.10
BT50-90° W	38	6	23	17	25	85	45	35	M24	0.30
BT60-90° W	56	14	32	24	31	115	65	53	M30	0.40

特点 | Features

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
- 订购时请告知所需精度等级

General level Pull stud

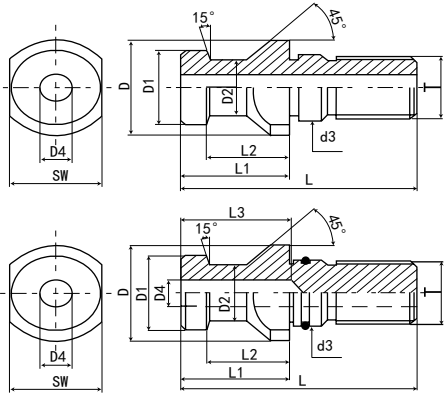
- Material: 40Cr
- Head hardness: 46-50HRC
- Thread hardness is a little low; 35±5HRC, (Protect shank thread, core hardness can resist hit)
- Accuracy: 0.02

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
German Standard Pull Stud DIN 69872

A: 中心出水 Coolant



B: 标准型 Standard type



全白带 O 型圈



全白

● SK 标准与 JT 标准与 DAT 标准同属于 DIN 69872

● SK=JT=DAT=DIN 69872

订货号 Ordering code	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 | Features

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
- 订购时请告知所需精度等级

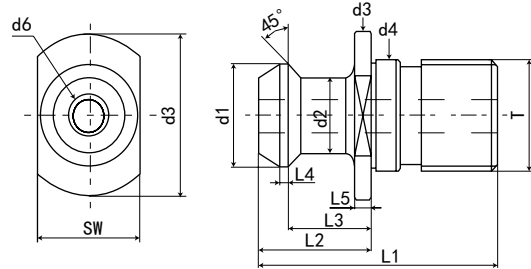
General level Pull stud

- 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



全白

订货号 Ordering code	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
MITSUMI-BT40	15	10	23	17	M16	-	51	25	18	3	6	19	0.06
MITSUMI-BT50	24	18	36	25	M24	-	57	31	23	5	10	30	0.19

特点 | Features

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
- 订购时请告知所需精度等级

General level Pull stud

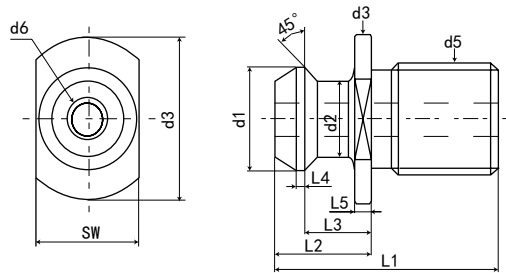
- Material: 40Cr
- Head hardness: 46-50HRC
- Thread hardness is a little low; 35±5HRC, (Protect shank thread, core hardness can resist hit)
- Accuracy: 0.02

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

美国标准拉钉 ANSI/AMSE B5.50-1994

American Standard Pull Stud ANSI/AMSE B5.50-1994



全白

订货号 Ordering code	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	71	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	71	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 | Features

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
- 订购时请告知所需精度等级

General level Pull stud

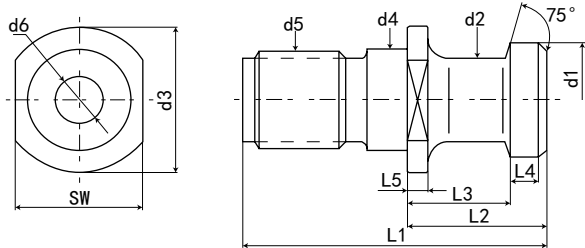
- Material: 40Cr
- Head hardness: 46-50HRC
- Thread hardness is a little low; 35±5HRC, (Protect shank thread, core hardness can resist hit)
- Accuracy: 0.02

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

International Standard Pull Stud A Type ISO 7388/2-1984



订货号 Ordering code	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	0.20
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

特点 | Features

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
- 订购时请告知所需精度等级

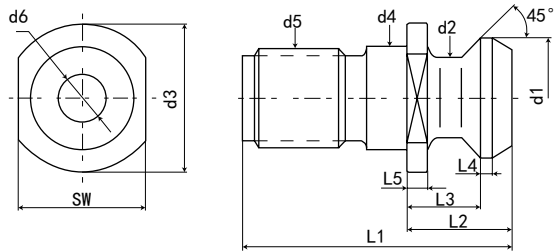
General level Pull stud

- 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 B 型
International Standard Pull Stud B Type ISO 7388/2-1984



全白

订货号 Ordering code	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 | Features

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
- 订购时请告知所需精度等级

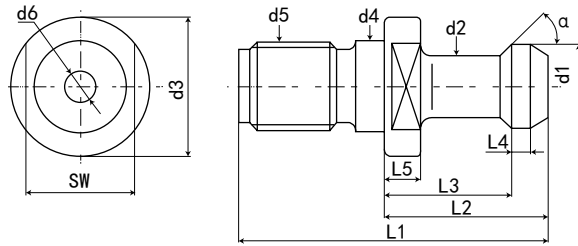
General level Pull stud

- Material: 40Cr
- Head hardness: 46-50HRC
- Thread hardness is a little low; 35±5HRC, (Protect shank thread, core hardness can resist hit)
- Accuracy: 0.02

High-precision Hard Pull stud

- Material: 20CrMnTi
- Head hardness: 55-58HRC
- Thread hardness is a little low; 35±5HRC, (Protect shank thread, core hardness can resist hit)
- Accuracy: 0.01
- Please inform the required precision when ordering

混合标准拉钉 CAT-BT
Blended Standard Pull Stud CAT-BT



全白



白牙

CT 美制螺纹拉钉 | CT American Standard Screw Thread Pullstud

订货号 Ordering code	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	15	10	23	5/8"-11UNC	4	57	32	25	19	45°	0.06
CAT40-60° U	15	10	23	5/8"-11UNC	-	57	32	25	19	60°	0.07
CAT40-60° U/T	15	10	23	5/8"-11UNC	4	57	32	25	19	60°	0.06
CAT40-90° U	15	10	23	5/8"-11UNC	-	57	32	25	19	90°	0.07
CAT40-90° U/T	15	10	23	5/8"-11UNC	4	57	32	25	19	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	23	17	38	1"-8UNC	8.5	78.6	45	35	30	45°	0.22
CAT50-60° U	23	17	38	1"-8UNC	-	78.6	45	35	30	60°	0.26
CAT50-60° U/T	23	17	38	1"-8UNC	8.5	78.6	45	35	30	60°	0.22
CAT50-90° U	23	17	38	1"-8UNC	-	78.6	45	35	30	90°	0.26
CAT50-90° U/T	23	17	38	1"-8UNC	8.5	78.6	45	35	30	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	-	-

混合标准拉钉 CAT-BT
Blended Standard Pull Stud CAT-BT

CT 美制螺纹拉钉 | CT American Standard Screw Thread Pullstud

订货号 Ordering code	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	15	10	23	17	M16	4	57	32	25	19	45°	0.06
CAT40*60°	15	10	23	17	M16	-	57	32	25	19	60°	0.07
CAT40*60° /T	15	10	23	17	M16	4	57	32	25	19	60°	0.06
CAT40*90°	15	10	23	17	M16	-	57	32	25	19	90°	0.07
CAT40*90° /T	15	10	23	17	M16	4	57	32	25	19	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 | Features

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
- 订购时请告知所需精度等级

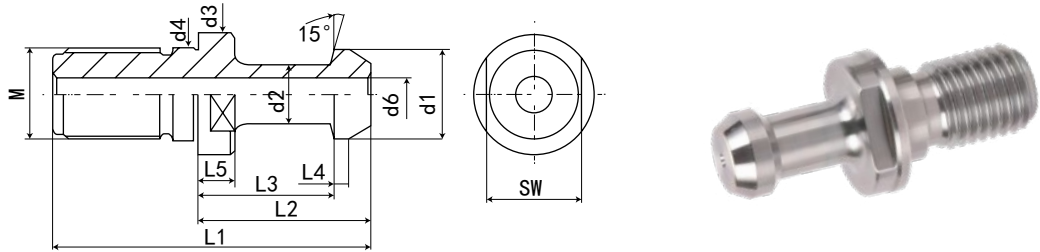
General level Pull stud

- 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

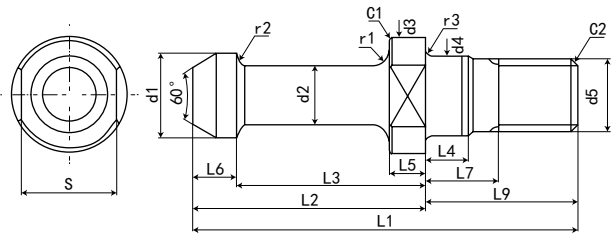
- Material: 20CrMnTi
- Head hardness: 55-58HRC
- Thread hardness is a little low; 35±5HRC, (Protect shank thread,core hardness can resist hit)
- Accuracy: 0.01
- Please inform the required precision when ordering

日本 JIS B6339 拉钉
Japan JIS B6339 Pull Stud



订货号 Ordering code	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

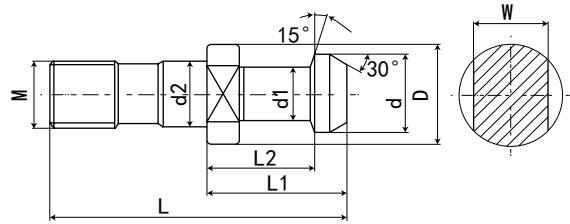
SR 拉钉
SR Pull Stud



订货号 Ordering code	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

订货号 Ordering code	d1 0 -0.1	d2 0 -0.1	L2 0 -0.1	L3 0 -0.1	L6	r2	Φ		L3-L5	L9	CHUCK
							1 形	2 形			
S5R	5.8	4	13.5	10.5	1.4	0.3	+0.5° 0 15°	+0.5° 0 0°	8	10	S5T
S10R	7	5	15.5	12	1.6	0.3			9	11	S10T
S15R	8.3	6	18	14	1.9	0.4			10.5	14	S15T
S20R	9.5	7	20.5	16	2.1	0.4			12	14	S20T
S25R	10.8	8	23	18	2.3	0.5			13.5	17	S25T

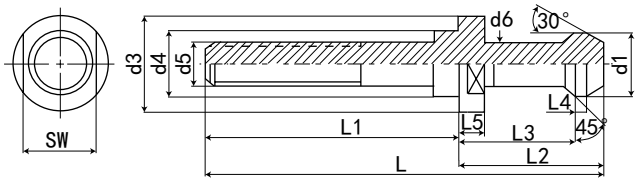
ISO 雕刻机用拉钉
Pull Stud of Carving Machine



全白

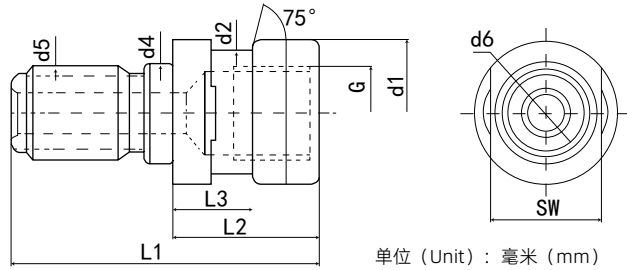
订货号 Ordering code	D	d	d1	d2	L	L1	L2	W	M
ISO20	11.4	9	6	8.5	26	12	9	10	M8*1.25P
ISO25	12	10	7	9	32	16	11.6	10	M8*1.25P
ISO30	17	13	9	13	45	24	19	14	M12*1.75P

无扁尾莫氏圆锥孔刀柄加长拉钉
Adaptor Sleeves for Morse Taper Without Tang



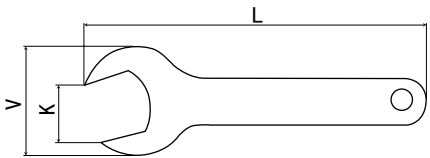
订货号 Ordering code	d1	d2	d3	d4	d5	d6	L	L1	L2	L3	L4	L5	SW	重量 KGS
BT30-45° -M10	11	7	16.5	12.5	M10	7	90	67	23	18	2	5	13	0.06
BT30-45° -M12	11	7	16.5	12.5	M12	7	90	67	23	18	2	5	13	0.06
BT40-45° -M10	15	10	23	17	M10	10	115	80	35	28	2.7	6	19	0.10
BT40-45° -M12	15	10	23	17	M12	10	115	80	35	28	2.7	6	19	0.10
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	0.30
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	0.40
BT60-45° -M24	32	24	56	31	M24	24	238	172	65	53	6	14	41	1.00

OTT 拉钉
OTT Pull Stud



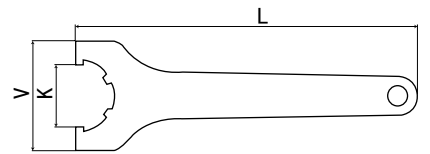
订货号 Ordering code	d1	d2	d4	d5	d6	L1	L2	L3	G	SW	重量 KGS
OTT40	25	21.1	17	M16*2.0P	7	53	25.1	13.6	M16*2.0P	19	0.09
OTT50	39.6	30.2	25	M24*3.0P	7	65.1	25.1	13.3	M24*3.0P	30	0.17

扳手
Spanner



› ER-A 型扳手 | ER-A Spanner

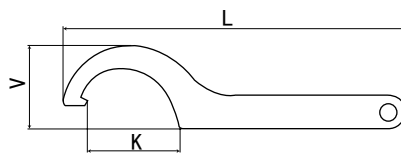
订货号 Ordering code	螺帽外径 Nut diameter	L	V	K
ER11-A	19	110	40	17
ER16-A	28	120	53	25
ER20-A	34	130	60	30



› ER-UM 型扳手 | ER-UM Spanner

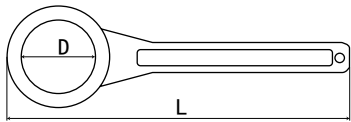
订货号 Ordering code	螺帽外径 Nut diameter	L	V	K
ER16-UM	32	180	40	26
ER20-UM	35	190	55	30
ER25-UM	42	210	60	35
ER32-UM	50	250	72	45
ER40-UM	63	290	86	58
ER50-UM	78	350	105	73

扳手
Spanner



› 勾头扳手 | Hook Head Spanner

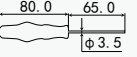
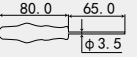
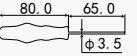
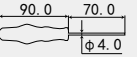
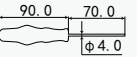
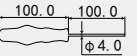
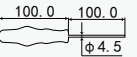
订货号 Ordering code	适用刀柄及螺帽 Apple holder and nut	L
Model	Apple holder and nut	
18-21	EOC6	90
22-26	EOC8	125
28-32	EOC10	140
34-36	EOC12	154
38-42	EOC16 7316A APU08	168
45-52	EOC20 ER25-UM 7316B APU13	190
55-62	EOC25 ER32-UM APU13 APU16 C20 C22 C25	210
68-72	EOC32 ER40-UM	230
78-85	EOC40 C32 ER50-UM	240
100-110	EOC50 C42 JXT25-50	250

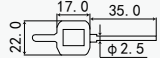
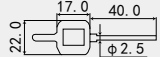
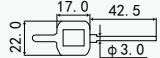
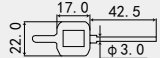
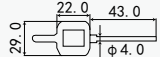
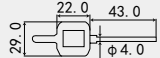
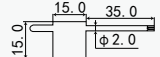
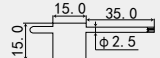
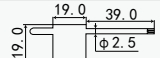
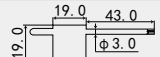
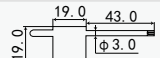


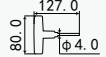
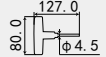
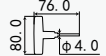
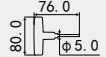
› 滚珠扳手 | Ball Spanner

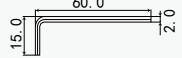
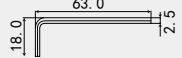
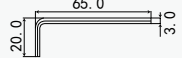
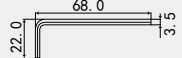
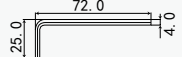
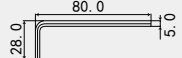
订货号 Ordering code	规格 Specifications	D	L
WH-GSK06	GSK06	19.5	120
WH-GSK10	GSK10	30	152.5
WH-GSK16	GSK16	40	200
WH-GSK20	GSK20	48	200
WH-GSK25	GSK25	55	210
WH-GER16	GER16	30	150
WH-GER20	GER20	35	160
WH-GER25	GER25	40	181
WH-GER32	GER32	50	200

扳手
Spanner

螺丝刀 Bolt driver	形状 Shape	订货号 Ordering code	Torx (梅花) 尺寸
		KDT-T06N	T6
		KDT-T07N	T7
		KDT-T08N	T8
		KDT-T09N	T9
		KDT-T10N	T10
		KDT-T15N	T15
		KDT-T20N	T20

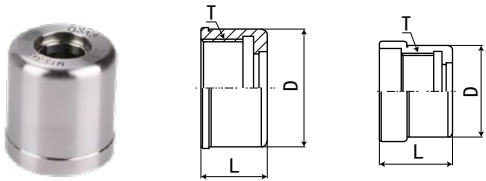
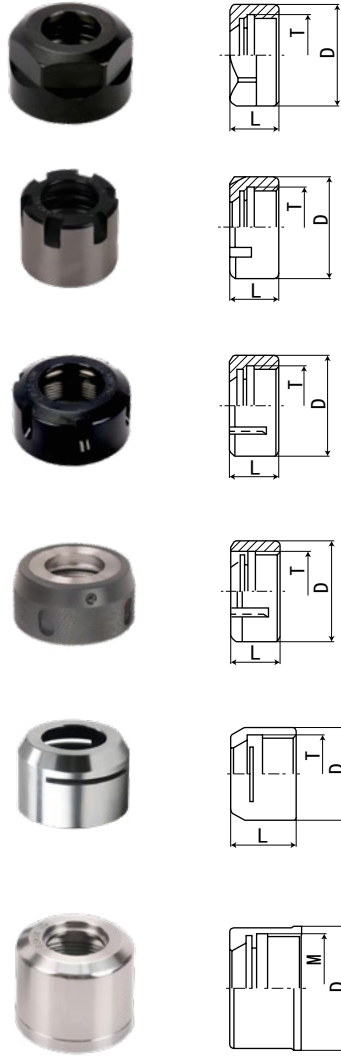
旗形扳手 Flag key	形状 Shape	订货号 Ordering code	Torx (梅花) 尺寸
		KWT-T07	T7
		KWT-T08	T8
		KWT-T09	T9
		KWT-T10	T10
		KWT-T15	T15
		KWT-T20	T20
		KFT-T06	T6
		KFT-T07	T7
		KFT-T08	T8
		KFT-T09	T9
		KFT-T10	T10
	-	KFT-T15	T15
	-	KFT-T20	T20

T 形扳手 T-type key	形状 Shape	订货号 Ordering code	Torx (梅花) 尺寸
		KTTL-T15	T15
		KTTL-T20	T20
		KTTS-T20	T20
		KTTS-T25	T25

T 形扳手 T-type key	形状 Shape	订货号 Ordering code	Torx (梅花) 尺寸
		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

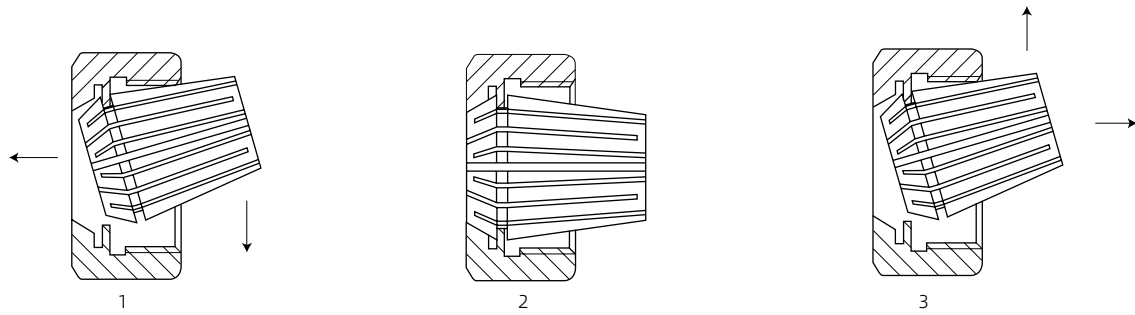


形式 Type	订货号 Ordering code	D	L	T
A	ER8A	13.5	11	M10*0.75P
A	ER11A	19	11.3	M14*0.75P
A	ER16A	28	17.5	M22*1.5P
A	ER20A	34	19	M25*1.5P
M	ER8M	12	11	M10*0.75P
M	ER11M	16	12	M13*0.75P
M	ER16M	22	18	M19*1.0P
M	ER20M	28	19	M24*1.0P
M	ER25M	35	20	M30*1.0P
UM/RD	ER16UM	32	17	M22*1.5P
UM/RD	ER20UM	35	19	M2.5*1.5P
UM/RD	ER25UM	42	20	M32*1.5P
UM/RD	ER32UM	50	22.5	M40*1.5P
UM/RD	ER40UM	63	25.5	M50*1.5P
UM/RD	ER50UM	78	35.5	M64*2.0P
KM/RD	ER25KM	42	20	M32*1.5P
KM/RD	ER32KM	50	22.5	M40*1.5P
KM/RD	ER40KM	63	25.5	M50*1.5P
KM/RD	ER50KM	78	35.5	M64*2.0P
MS	ER11MS	16	11.3	M13*0.75P
MS	ER16MS	22	17	M19*1.0P
MS	ER20MS	28	19	M24*1.0P
MS	ER25MS	35	23	M30*1.0P
GER	GER16	30	23	M19*1.0P
GER	GER20	35	25	M24*1.0P
GER	GER25	40	26	M30*1.0P
GER	GER32	50	30	M40*1.5P

形式 Type	订货号 Ordering code	D	L		T
			Fig1	Fig2	
GSK	GSK6	19.5	15	21	M15.5*1
GSK	GSK10	27.5	17	24	M21.5*1
GSK	GSK16	40	24	31	M32*1.5
GSK	GSK20	48	27	35	M40*1.5
GSK	GSK25	50	30	37	M40*1.5

高精度 ER 螺帽

High Precision ER Nut

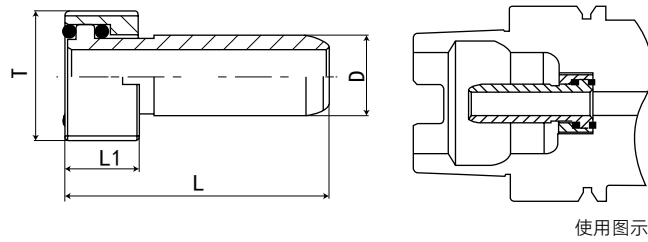


压帽与卡簧的安装 | Mounting Instructio for ER Collets and Nuts

- 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

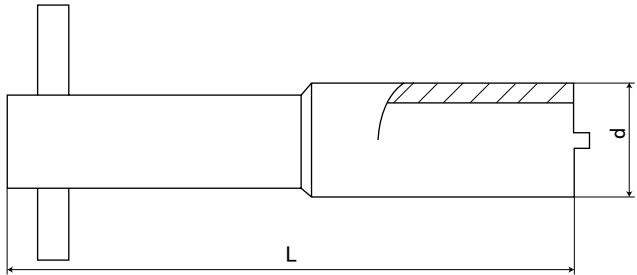
HSK 内冷管

HSK Coolant Pipe



订货号 Ordering code	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 内冷管专用扳手
HSK Coolant Wrench



HSK 内冷管锁紧扳手



订货号 Ordering code	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

📍 全国区域	Nationwide	☎ +86 186 2267 5164
📍 华北区域	North China Area	☎ +86 177 3160 2890
📍 华中区域	Central China Area	☎ +86 189 0210 1516
📍 东北区域	Northeast Area	☎ +86 133 3205 6691
📍 西南区域	Southwest Area	☎ +86 185 8392 0999
📍 华南区域	South China Area	☎ +86 153 3200 8595
📍 西北区域	Northwest Area	☎ +86 133 3201 8652
📍 山东区域	Shandong Area	☎ +86 189 2021 6828
📍 华东一区 (上海、浙江)	East China Area I (Shanghai, Zhejiang)	☎ +86 189 0219 0578
📍 华东二区 (江苏、安徽)	East China Area II (Jiangsu, Anhui)	☎ +86 188 6213 2921
📍 OEM&海外	OEM&Oversea Sales	☎ +86 131 1000 1570
📍 外贸销售	Export Sales	☎ +86 189 2008 0858



— 微信公众账号 —

ADD: 天津市武清区京滨工业园京滨大道99号
No. 99, Jingbin Avenue, Jingbin Industrial Park,
Wuqing District, Tianjin, China

TEL: 022-60379917

E-mail: softtool.sale@cxtc.com