



平原征昊机械有限公司

PINGYUAN ZHENGHAO MACHINERY CO.,LTD.

公司名称: 平原征昊机械有限公司

Company Name: Pingyuan Zhenghao Machinery Co., Ltd.

工厂地址: 山东德州市平原县龙门民营经济园区西首

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中国·德州
CHINA DEZHOU



Company introduction 企业简介

山东平原征昊机械有限公司成立于1998年，是专业研发生产销售高精度平口钳，快换刀架，刀夹，数控刀柄等是中国数控车床配件较大的专业工厂。

我们已有超过十年的出口经验，客户主要来自东南亚，欧洲，北美等国家各地区，目前公司已通过ISO9001:2008认证和欧盟CE认证。

我们始终坚持产品质量第一，售后服务第一的原则，真诚希望与来自世界各地的客户在互惠互利的基础上开展合作。

Shandong Pingyuan Syndrome Machinery Co., Ltd was founded in 1998. Professional R&D and sales high precision flat nose pliers, quick change tool carrier, tool holder, CNC Tools holder, The larger professional manufacturer of CNC lathe accessories in china.

We have export experience for more than 10 years , Our customers mainly from Southeast Asia, EU market, north America and other countries and regions. So far we have approvals: ISO /CE certificate.

we always adhere to "quality first, service first" principle, Sincerely Hope to co-operate with customers all over the world on the basis of mutual benefit.

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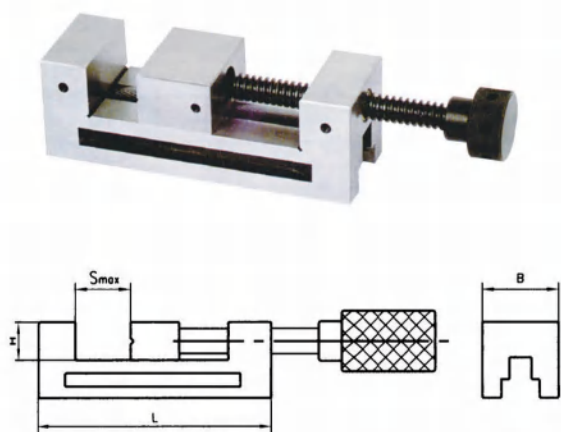
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精密平口钳系列 PRECISION VISE SERIES



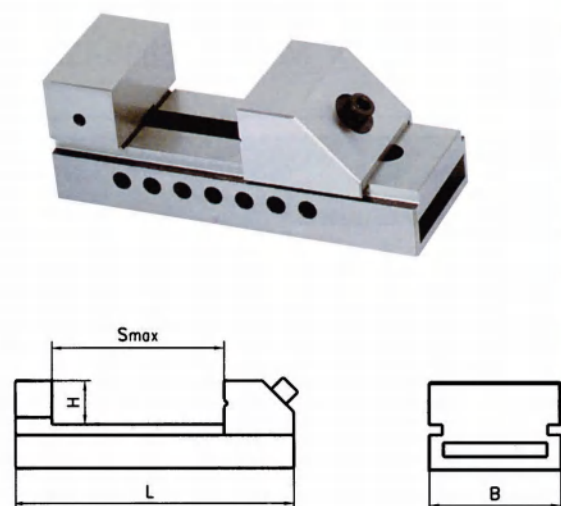
ZH-0001 QGG 系列精密工具平口钳 PRECISION TOOL VISES

- 1、采用优质合金结构钢制造，工作面硬度HRC58-62
 - 2、平行度0.005mm/100mm，垂直度0.005mm
 - 3、夹紧快，操作灵活
 - 4、用于精密测量和检查，精密磨削及电火花
 - 5、在工作时无论横立、竖立、平放皆可保持高的精度
- 1、Made of high-quality alloy steel. The hardness of working surface reaches HRC58-62
 - 2、Parallelism 0.005mm/100mm squareness 0.005mm
 - 3、Quickly to clamp and easy to operate
 - 4、Used for precision measurement and inspection precision grinding. EDM and wire-cutting machine
 - 5、Guarantee high accuracy in any position



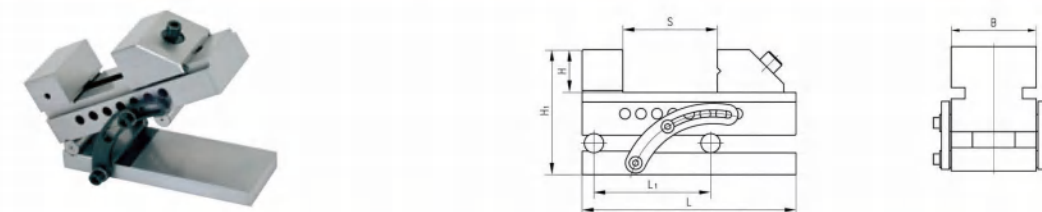
订单号 Order NO.	B mm	H mm	Smax mm	L mm	重量 Wt(kg)
QGG50	50	25	65	155	3.0
QGG60	60	25	55	110	2.4
QGG63	63	32	85	190	3.8
QGG73	73	35	100	210	5.0
QGG80	80	40	100	220	6.5
QGG88	88	40	125	250	11.0
QGG100	100	45	125	260	13.0
QGG125	125	50	160	300	19.5
QGG125A	125	50	210	350	23.0
QGG150	150	50	175	315	23.8

ZH-0002 QKG 系列精密工具平口钳 PRECISION TOOL VISES



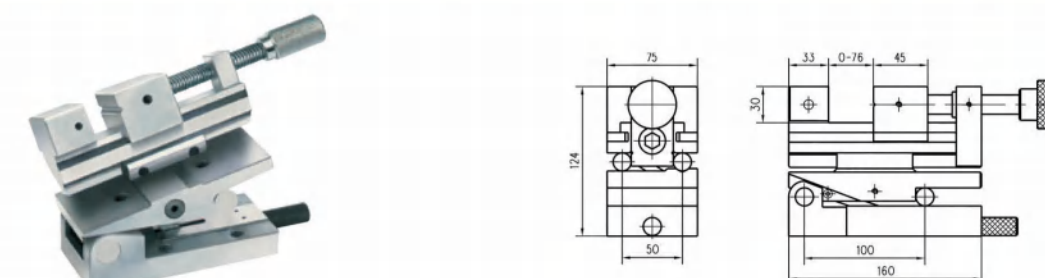
订单号 Order NO.	B mm	H mm	Smax mm	L mm	重量 Wt(kg)
QKG25	26	9.15	22	65.4	0.5
QKG36	36	20	40	100	1.2
QKG38	38	20	44	105	1.3
QKG50	50	25	65	140	2.0
QKG63	63	32	85	175	3.0
QKG73	73	35	100	190	4.1
QKG80	80	40	100	200	5.5
QKG88	88	40	125	235	7.3
QKG100	100	45	125	245	10.0
QKG125	125	50	160	285	18.0
QKG150	150	50	200	330	21.5
QKG150A	150	50	250	380	23
QKG150B	150	50	300	430	24

ZH-0003 精密正弦工具平口钳 PRECISION SINE TOOL VISE



订单号 Order No.	B mm	H mm	H1 mm	Smax mm	L mm	L1		调整角度范围 Adjustable angle range
						mm	in	
ZXQKG50	50	25	79.36	65	140	100	4	0~45°
ZXQKG63	63	32	92.36	85	175		5	
ZXQKG73	73	35	104	100	190			
ZXQKG80	80	40	117	100	200			
ZXQKG88	88	40	122	125	235			
ZXQKG100	100	45	134.08	125	245			
ZXQKG125	125	50	144.08	160	285	200	10	
ZXQKG150	150	50	150.9	200	330	200		

ZH-0004 精密双向平口钳 PRECISION COMPOUND SINE VISE



ZH-0005 万向角度回转平口钳 PRECISION UNIVERSAL VISE



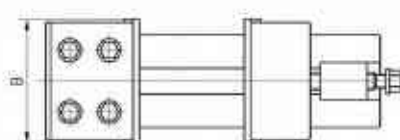
精密万向平口钳是由精密工具平口钳和转盘底座两部分组成，可借助刻度转盘在水平面360°范围内转动，在垂直平面上倾斜45°，可用于精密磨床、铣床等进行平面、斜面及倾斜一定角度的斜孔加工。

The vise is made of two parts: vise body and swivel base. Horizontal swivel goes through 360°, 45° angle tilts vertically. The accurate graduations and three-way swiveling feature make it greatly suitable for straight, inclined surface or angular surface machining and drilling on grinders and milling machines.

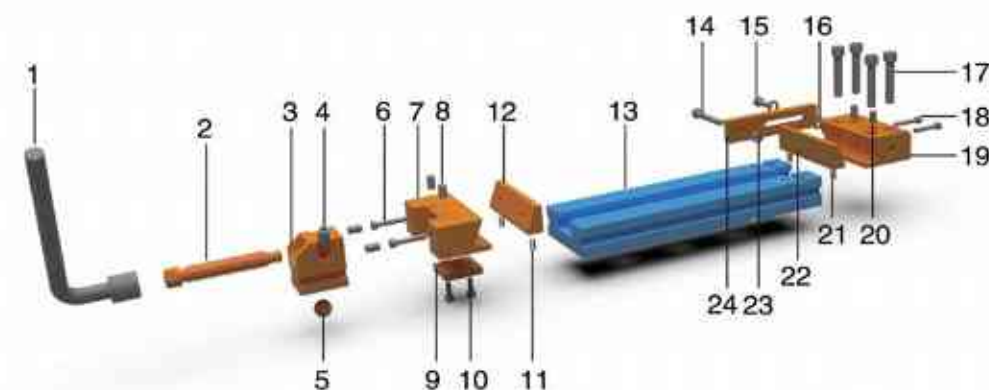
订单号 Order No.	钳口宽 Jaw Width (mm)	钳口深 Jaw Depth (mm)	开口度 Max. Opening (mm)	外形尺寸 Outside Size (mm)
CHM50	50	25	70	180×72×112
CHM80	70	30	80	195×110×137
CHM120	120	40	155	400×180×210

ZH-0006 精密组合平口钳 PRECISION MODULAR VISES

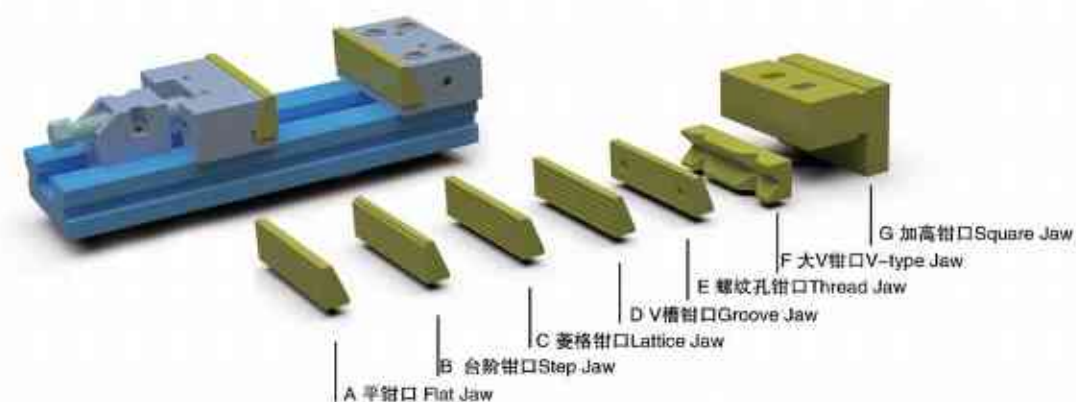
- | | |
|---------------------------------|--|
| 1. 采用优质合金钢渗碳处理, 工作面硬度 HRC58~62 | 1. Produced of high quality steel, carburized to surface hardness, HRC58~62 |
| 2. 平行度0.005mm/100mm, 垂直度0.005mm | 2. Parallelism 0.005mm/100mm, squareness 0.005mm |
| 3. 具有可拆换底座、固定钳口、活动钳口, 夹紧快, 操作方便 | 3. It have interchangeable base, fixed/movable jaws it is quickly to clamp and easy to operate |
| 4. 广泛用于加工中心等精密机床 | 4. It is widely used on machining center and other precision machine tools |



订单号 Order No.	B mm	H mm	Smax mm	L mm	最大夹紧力(Kg) Clamping force
GT100-I	100	30	100	270	3000
GT125-I	125	40	150	345	3000
GT150A-I	150	50	200	420	5000
GT150B-I	150	50	300	520	5000
GT150C-I	150	50	400	620	5000
GT175A-I	175	60	200	455	6000
GT175B-I	175	60	300	555	6000
GT175C-I	175	60	400	655	6000
GT175D-I	175	60	500	755	6000
GT175E-I	175	60	600	855	6000
GT200A-I	200	65	200	495	10000
GT200B-I	200	65	300	595	10000
GT200C-I	200	65	400	695	10000
GT200D-I	200	65	500	795	10000
GT200E-I	200	65	600	895	10000
GT300A-I	300	80	200	535	12000
GT300B-I	300	80	300	635	12000
GT300C-I	300	80	400	735	12000
GT300D-I	300	80	500	835	12000
GT300E-I	300	80	600	935	12000
GT300F-I	300	80	700	1035	12000
GT300G-I	300	80	800	1135	12000



- | | | | |
|-------------------|-----------------------|--------------------------|-----------------------|
| 1 L扳手 L Spanner | 7 活动钳块 Action Support | 13 钳体 Vise Body | 19 固定钳块 Fixed Support |
| 2 丝杆 Lead Screws | 8 短螺丝 Short Screws | 14 活动螺丝 Action Screw | 20 短螺丝 Short Screws |
| 3 支座 Support | 9 底板 Plate | 15 螺丝 Screw | 21 弹簧 Springs |
| 4 顶丝 Top Screws | 10 螺丝 Screws | 16 垫片 Spacer | 22 固定钳口 Fixed Jaw |
| 5 滚珠 Ball | 11 弹簧 Springs | 17 固定螺丝 Retaining Screws | 23 螺母 Nut |
| 6 长螺丝 Long Screws | 12 活动钳口 Action Jaw | 18 长螺丝 Long Screws | 24 固定板 Retainer Plate |

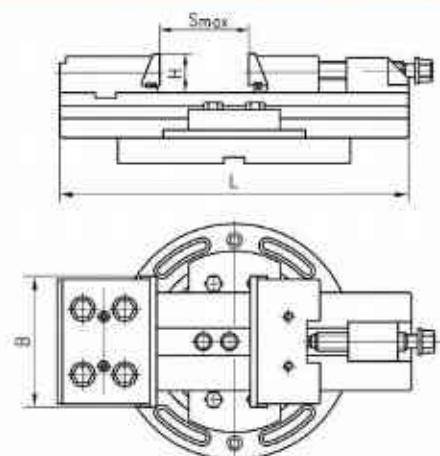


台阶钳口参数 STEP JAW DIMENSION

参数(DIMENSION)	GT100	GT125	GT150	GT175	GT200	GT300
台阶深 Depth of Step (mm)	3	3	3	3	3	3
	5	5	5	5	5	5
	8	8	8	8	8	8
	13	13	13	13	13	13
	-	18	18	18	18	18
	-	23	23	23	23	23
	-	-	28	28	28	28
台阶宽Width of Step(mm)	3	3	3	3	3	3

参数(DIMENSION)	GT100	GT125	GT150	GT175	GT200	GT300
大V形 φ Min/max(mm)	6/16	9/24	13/38	15/40	15/42	15/42
小V形 φ Min/max(mm)	4/10	7/18	9/24	9/24	9/24	9/24

ZH-0007 带底座精密组合平口钳 PRECISION MODULAR VISES WITH SWIVEL BASE

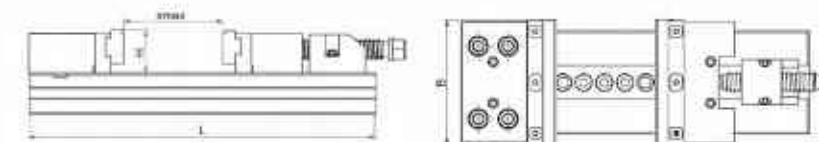


订单号 Order No.	B mm	H mm	Smax mm	L mm	最大夹紧力(Kg) Clamping force
GT100-II	100	30	100	270	3000
GT125-II	125	40	150	345	3000
GT150A-II	150	50	200	420	5000
GT150B-II	150	50	300	520	5000
GT150C-II	150	50	400	620	5000
GT175A-II	175	60	200	455	6000
GT175B-II	175	60	300	555	6000
GT175C-II	175	60	400	655	6000
GT175D-II	175	60	500	755	6000
GT175E-II	175	60	600	855	6000
GT200A-II	200	65	200	495	10000
GT200B-II	200	65	300	595	10000
GT200C-II	200	65	400	695	10000
GT200D-II	200	65	500	795	10000
GT200E-II	200	65	600	895	10000
GT300A-II	300	80	200	535	12000
GT300B-II	300	80	300	635	12000
GT300C-II	300	80	400	735	12000
GT300D-II	300	80	500	835	12000
GT300E-II	300	80	600	935	12000
GT300F-II	300	80	700	1035	12000
GT300G-II	300	80	800	1135	12000

ZH-0008 快换精密平口钳 QUICK CHANGE PRECISION VISE

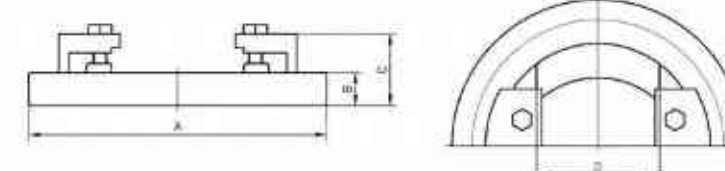
- 1、快换平口钳具有与标准平口钳同样高的精度
- 2、通过钳口顶端螺丝，实现钳口快换
- 3、钳口上下有两种类型，一面是台阶钳口带波浪纹，另一面是标准钳口

- 1、Quick-change vises share the same high precision as standard vises.
- 2、Fast jaw replacement via top screws of jaws.
- 3、Double-sided jaws with two types: one side serrated stepped jaw, the other standard jaw.



订单号 Order No.	B mm	H mm	Smax mm	L mm	最大夹紧力(Kg) Clamping force
KH125	125	40	127	345	2500
KH150A	150	50	180	420	3500
KH150B	150	50	280	520	3500
KH150C	150	50	380	620	3500
KH175A	175	58	275	455	4500
KH175B	175	58	375	555	4500
KH175C	175	58	475	655	4500
KH200A	200	65	180	495	5500
KH200B	200	65	290	596	5500
KH200C	200	65	390	696	5500
KH200D	200	65	490	795	5500
KH200E	200	65	590	895	5500

ZH-0009 转盘系列 SWIVEL BASE SERIES



订单号 Order No.	A mm	B mm	C mm	D mm	使用范围 Suitable Vises
GT100-08	180	20	43.5	75	GT100-I
GT125-08	226	23	47	95	GT125-I GT125-III
GT150-08	290	28	58	125	GT150A(B,C)-I GT150A(B)-III
GT175-08	320	28	58	145	GT175A(B,C,D,E)-I GT175C-III
GT200-08	370	34	74	170	GT200A(B, C, D, E)-I
GT300-08	400	38	78	195	GT300A(B, C, D, E, F, G)-I

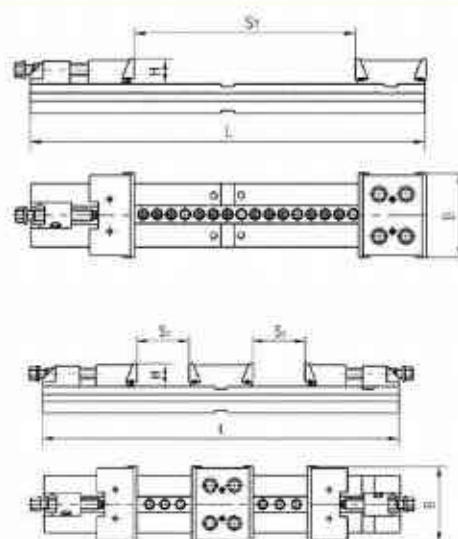
ZH-0010 ZQ83型单、双向组合平口钳 SINGLE & DOUBLE ACTION VISES

1. 采用优质合金钢渗碳处理, 工作面硬度HRC58~62
2. 平行度0.005mm/100mm, 垂直度0.005mm
3. 即可作单向钳用, 又可作双向钳用, 作单向钳时具有超长的开口度
4. 广泛用于加工中心、数控铣床、镗床、铣床、磨床等机床
1. Produced of high quality steel, carburized to surface hardness, HRC58~62
2. Parallelism 0.005mm/100mm, squareness 0.005mm
3. It can quickly change from double vise to single vise with very large opening
4. It is widely used on machining center and other precision machine tools

单向夹紧系列 Single large opening



双向夹紧系列 Double opening

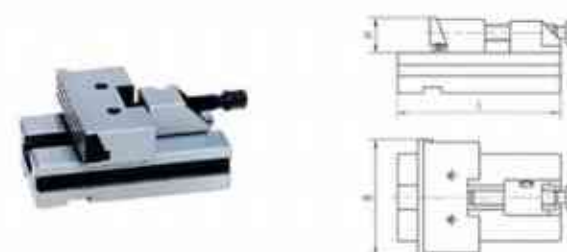


订单号 Order No.	S ₁ mm	订单号 Order No.	S ₂ mm	B mm	H mm	L mm
ZQ83100	290	ZQ83100(I)	2X90	100	30	460
ZQ83125	320	ZQ83125(I)	2X100	125	40	520
ZQ83150	360	ZQ83150(I)	2X110	150	50	580
ZQ83150A	460	ZQ83150A(I)	2X160	150	50	680
ZQ83175	400	ZQ83175(I)	2X120	175	60	666
ZQ83175A	500	ZQ83175A(I)	2X170	175	60	766
ZQ83175B	600	ZQ83175B(I)	2X220	175	60	866
ZQ83175C	700	ZQ83175C(I)	2X270	175	60	966
ZQ83200	500	ZQ83200(I)	2X150	200	65	805
ZQ83200A	600	ZQ83200A(I)	2X200	200	65	905
ZQ83200B	700	ZQ83200B(I)	2X250	200	65	1005
ZQ83200C	800	ZQ83200C(I)	2X300	200	65	1105
ZQ83200D	900	ZQ83200D(I)	2X350	200	65	1205

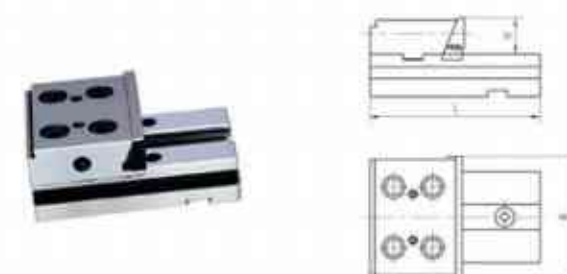
ZH-0011 ZQ84型分离式组合平口钳 PRECISION MODULAR VISES

1. 采用优质合金钢渗碳处理, 工作面硬度HRC58~62
2. 平行度0.005mm/100mm, 垂直度0.005mm
3. 可在工作台上组装成单向或双向夹紧方式, 满足加工尺寸较大工件的需要
4. 广泛用于加工中心、数控铣床、镗床、铣床、磨床等机床
1. Produced of high quality steel, carburized to surface hardness, HRC58~62
2. Parallelism 0.005mm/100mm, squareness 0.005mm
3. Available for compound clamping, Suitable for unlimited length work
4. It is widely used on machining center and other precision machine tools

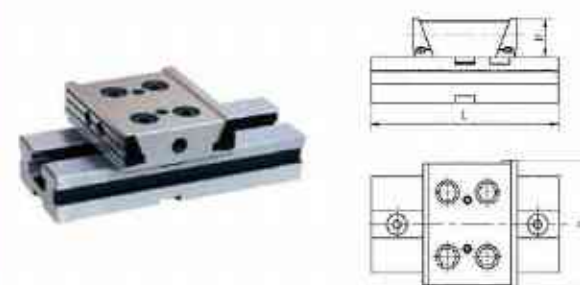
动钳组件 MOVABLE JAW SECTION



定钳组件 FIXED JAW SECTION



双向定钳组件 DOUBLE FIXED JAW SECTION



订单号 Order No.	L mm	B mm	H mm
ZQ84100- I	140	100	30
ZQ84125- I	160	125	40
ZQ84150- I	230	150	50
ZQ84175- I	240	175	60
ZQ84200- I	300	200	65

订单号 Order No.	L mm	B mm	H mm
ZQ84100- II	140	100	30
ZQ84125- II	160	125	40
ZQ84150- II	230	150	50
ZQ84175- II	240	175	60
ZQ84200- II	300	200	65

订单号 Order No.	L mm	B mm	H mm
ZQ84100- III	140	100	30
ZQ84125- III	160	125	40
ZQ84150- III	230	150	50
ZQ84175- III	240	175	60
ZQ84200- III	300	200	65

ZH-0012 多工位双向平口钳 MULTIFLEX VISE WITH DOUBLE CLAMPING JAWS



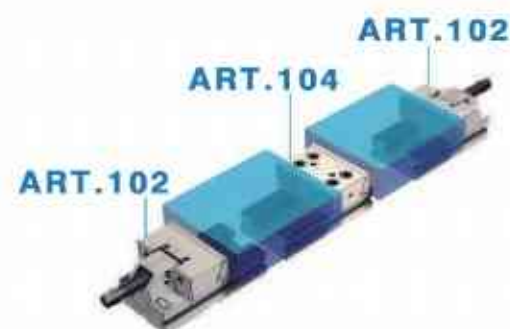
四件动钳组件，将较大工件压紧于机床工作台上 Huge workpiece clamped on the machine table



动钳组件与定钳组件配合使用，将工件压紧于钳体面上 Medium size workpiece clamped on the vise sections



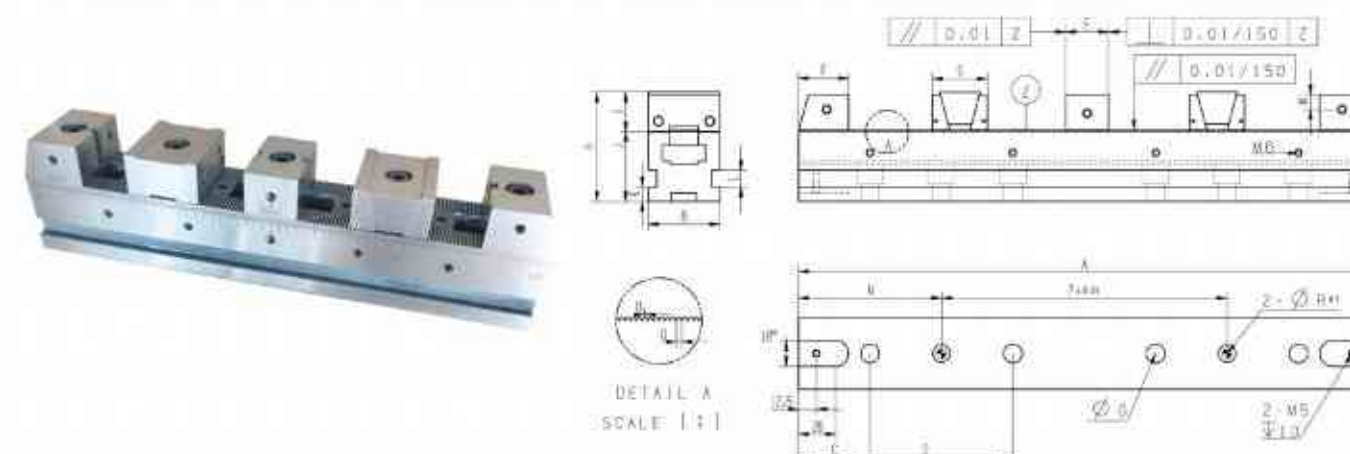
动钳组件与标准钳配合使用 In order to get a movable vise section it is enough to remove from vise Art.1



动钳口组件与双向定钳口组件配合使用
Double fixed vise section + 2 movable vises sections



定动钳组件与方箱配合使用
Modular elements assembled on cross cube



- 1.平行度0.01mm/100mm,垂直度0.01mm/100mm
- 2.一次装夹多个相同或不同的工件
- 3.齿型底座可以根据加工产品大小自由调整
- 4.夹持力: 50mm/1000kgf、72mm/2000kgf、100mm/3000kgf

- 1.Parallelness 0.01mm/100mm, verticality 0.01mm/100mm
- 2.Clamp multiple identical or different workpieces at one time
- 3.The tooth base can be freely adjusted according to the size of the processed product
- 4.Clamping Force: 50mm/1000kgf、72mm/2000kgf、100mm/3000kgf

订单号 Order No.	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm	K mm	L mm	M mm	N mm	O mm	P mm	Q mm	R mm	S mm
MD-50X300	300	50	50	100	30	36	14	75	25	50	10	12	13	100	0.60	100	2.0	12	36
MD-50X400	400															200			
MD-50X500	500															300			
MD-50X600	600															400			
MD-50X700	700															500			
MD-75X400	400	75	50	100	40	48	18	115	40	75	14	16	20	100	0.70	200	2.0	16	52
MD-75X500	500															300			
MD-75X600	600															400			
MD-75X700	700															500			
MD-100X400	400	100	50	100	44	48	18	160	60	100	14	16	30	100	0.85	200	2.5	16	65
MD-100X500	500															300			
MD-100X600	600															400			
MD-100X700	700															500			

ZH-0013 QW 型万向可倾平口钳 UNIVERSAL TILTING VISES

性能及特点:

1. 采用高质量的铸铁材料
2. 两钳口的平行度0.025mm/100mm,两钳口对导轨面垂直度0.025mm
3. 采用钳体、双向体、滑座回转可倾机构,实现三个方向各种方位的定位
4. 广泛用于机械加工、电加工等复杂零件的使用

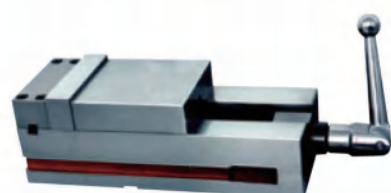
Performance and characterist;

1. It is made of high-quality cast iron
2. Parallelism 0.025mm/100mm,squareness 0.025mm
3. Attained fitting with a stop in three way,by using such sircling delinable structure as vice body,two way body and sliding base
4. It is used on machining and EDM complex parts



订单号 Order No.	钳口宽度 Width of Jaw mm	钳口高度 Height of Jaw mm	钳口开口度 Max. Opening mm	毛重/净重 GW./NW. kg	包装形式 Packing Shape	包装体积 L×w×h cm
QW100	105	40	105	31/26	木箱	51×34×25
QW125	125	40	125	35/30	wooden case	56×34×26

ZH-0014 QM16N型精密机用平口钳 QM16N SERIES MACHINE VICE



此为普通型,改进型QM16NA系列固定口与固定体联体式

1. 采用球墨铸铁,导轨面经淬火处理,精度高、耐磨损、不易变形。
2. 滑动导轨面经高频淬火HRC45以上,可保持长久耐磨性及精度。
3. 等高、可多台并列使用,夹持工件时有向下分力、工件不上浮。
4. 适用于加工中心机床等高精设备。
5. QM16NA系列为固定钳口与钳体联体式,增加了强度,降低了固定钳口向后的倾斜度。

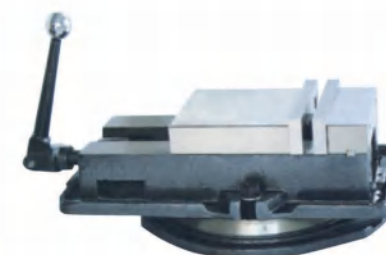
1. Nodular cast iron material for high strength and form stability.
2. Guide hardened above HRC45 for wear-resistance.
3. Same height for multi use in production line, clamping down force confirmed.
4. Applicable for CNC machine.
5. For QM16NA serial; fixed jaw is solid with the main body which enhances the strength.

订单号 Order No.	钳口宽度 Width of Jaw (mm)	钳口高度 Height of Jaw (mm)	钳口开口度 Max. Opening (mm)	总长度 Over length (mm)
QM1680N	80	24	75	256
QM16100N	100	32	100	305
QM16160N	160	45	140	438
QM16200N	200	50	190	517
QM16250N	250	70	250	656

ZH-0015 QM 型精密机用平口钳 ACCU-LOCK PRECISION MACHINE VISES

性能及特点:

1. 产品是钻床、磨床类机床的主要附件,它尤其适用于精密部件的加工
2. 两钳口的平行度0.025mm/100mm,两钳口对导轨面的垂直度0.025mm
3. 当活动钳口水平移动时,它上面的半圆球会有一个垂直向下的压力,因此夹持工件不会上浮
4. 钳口张开度可根据四个方向改变
5. 丝杠后端有推力轴承,使其操作灵活



Performance and characterist;

1. It is main attachments to precision millings grinders CNC machines it is particularly suitable for the finishing of precision parts
2. Parallelism 0.025mm/100mm,squareness 0.025mm
3. The special segment in the movable jaw forces the vertical pressure downward when the horizontal pressure works,so that this jaw does not lift the workpiece
4. For positions allow extra capacity to change opening of jaw
5. As the thrust component of the screw is equipped with thrust needle bearing if can be easily operated

订单号 Order No.	钳口宽度 Width of Jaw mm	钳口高度 Height of Jaw mm	钳口开口度 Max. Opening mm	毛重/净重 GW./NW. kg	装箱数量 Q' TY	包装尺寸(mm) Packing Size
QM16100	100	32	100	17/16	1	380×250×180
QM16125	125	40	125	21/20	1	460×290×190
QM16160	160	45	150	36/35	1	480×320×220
QM16200	200	50	190	58/56	1	580×360×260

ZH-0016 Q12(QH)型机用平口钳 MACHINE VISES

性能及特点:

1. 采用高质量的铸铁材料
2. 两钳口的平行度0.025mm/100mm,两钳口对导轨面的垂直度0.025mm
3. 广泛用于铣床、刨床、钻床等进行各种平面、沟槽、角度、孔等加工

Performance and characterist;

1. It is made of high-quality cast iron
2. Parallelism 0.025mm/100mm,squareness 0.025mm
3. It is widely used on milling,planing and drilling machine tools in making some kinds of slots,holes and faces



订单号 Order No.	钳口宽度 Width of Jaw mm	钳口高度 Height of Jaw mm	钳口开口度 Max. Opening mm	毛重/净重 GW./NW. kg	装箱数量 Q' TY	包装尺寸(mm) Packing Size
Q1280	80	32	63	30\28	4	270X300X130
Q12100	100	35	80	45\44	4	280X300X140
Q12125	125	40	100	18\17	1	350X180X170
Q12160	160	52	125	34\33	1	450X240X250
Q12200	200	63	160	45\44	1	510X260X210

ZH-0017 Q41(QHK)型可倾式机用平口钳 DECLINABLE MACHINE VISE



性能及特点:

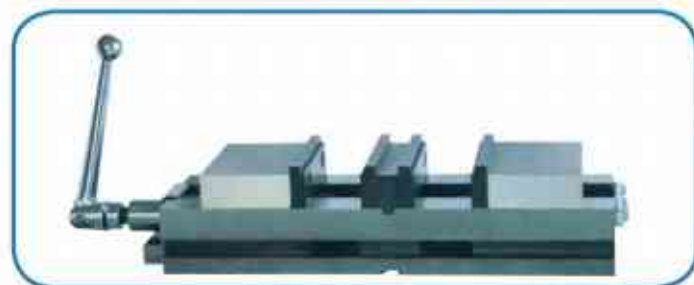
1. 采用高质量的铸铁材料
2. 两钳口的平行度0.025mm/100mm, 两钳口对导轨面垂直度0.025mm
3. 采用回转可倾结构, 钳身在大圆弧导轨上做90°转动与转盘在底座上360°转动组合, 获得各种空间角度
4. 广泛用于机床上加工各种角度的平面、槽、孔

Performance and characterist:

1. It is made of high-quality cast iron
2. Parallelism 0.025mm/100mm, squareness 0.025mm
3. The vice body can be indexed through 90 degrees in vertical direction along large arcshaped guideway of swivel disc which can be indexed through 360degrees in horizontal direction on the base
4. It is widely used on machine tool in making some kinds of slots, holes and faces

订单号 Order No.	钳口宽度 Width of Jaw mm	钳口高度 Height of Jaw mm	钳口开口度 Max. Opening mm	毛重/净重 GW./NW. kg	装箱数量 QTY	包装尺寸(mm) Packing Size
Q41100	100	41	80	18\17	1	350X210X210
Q41125	125	45	95	28\27	1	410X250X220
Q41125L	125	45	140	31\29	1	455X250X220
Q41160	160	50	125	40\39	1	460X270X240

ZH-0018 Q93 型双向角度压紧系列平口钳 Q93 DOUBLE-ACTION ANGLE TIGHT MACHINE VICE



性能及特点:

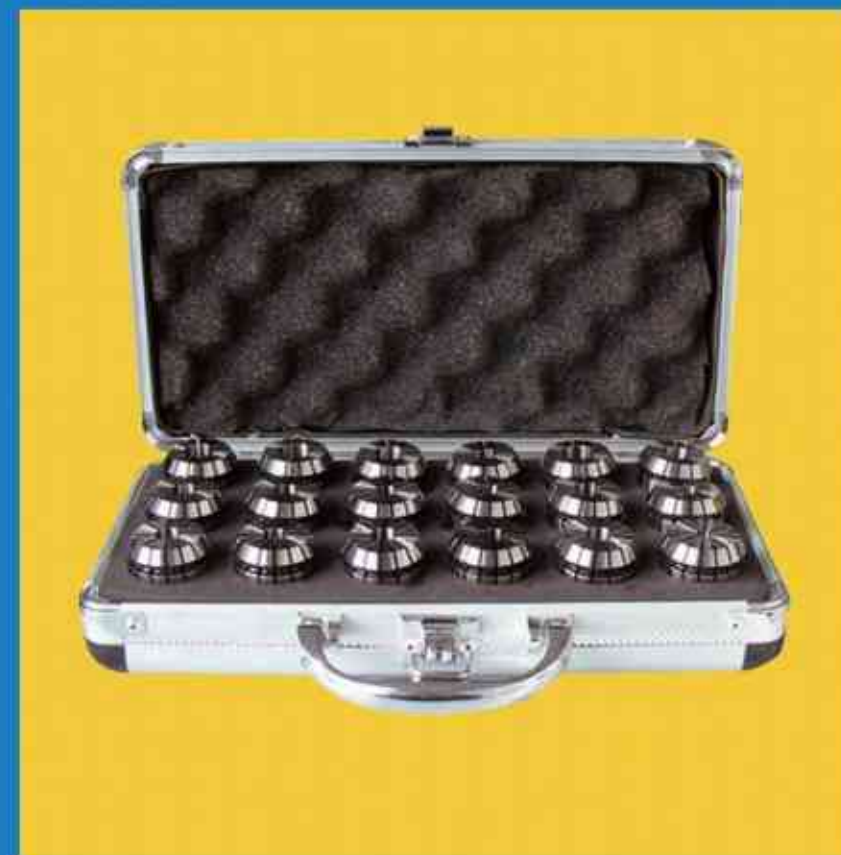
1. 钳体采用高韧性球墨铸铁精密加工而成
2. 导轨表面做硬化处理, 硬度HRC50-60
3. 角固式夹紧结构防止工件上浮
4. 它具有两个夹持工位, 可夹持两个尺寸相等或尺寸不等的工件, 还可以夹持两个处于不同夹紧位置加工面不相同的相同工件
5. 两钳口的平行度0.025mm/100mm, 两钳口对导轨面垂直度0.025mm/100mm
6. 平口钳可单台使用, 也可多台并排使用
7. 广泛用于加工中心等精密机床

Performance and characterist:

1. It is made of spheroidal cast iron
2. The hardness of working surface is HRC50~60
3. The vice with angle locked vice can prevent workpieces rising during operation
4. It is possessed of two clamping positions, two workpieces of same size or of different size can be clamped whith it the vice is also able to clamp two same workpieces which are clamped in different positions and processed in different surfaces
5. The accuracy of vice(parallelism and squareness) is 0.025mm/100mm
6. The vice can be using with single or setting side by side on the machine table
7. It is widely used on machining center and othr precision machine tools

订单号 Order No.	钳口宽度 Width of Jaw mm	钳口高度 Height of Jaw mm	钳口开口度 Max. Opening mm	毛重/净重 GW./NW. kg	包装形式 Packing shape	包装体积 L×W×H cm
Q93100	100	35	76	19/17	木箱	58×18×16.5
Q93160	160	50	100	54/47	木箱	73×28×20

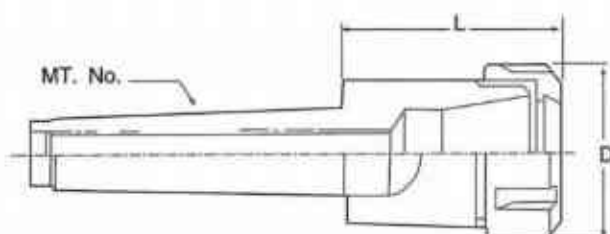
夹头和刀架系列 COLLET & TOOL POST SERIES



ZH-0019 莫式铣刀柄 MT MILL CHUCK



■Dimensions:

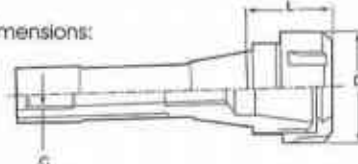


Model No.	L	D	Collet Type
MTB2-ER16-40	40	28	ER16
MTB2-ER20-45	45	34	ER20
MTB2-ER25-47	47	42	ER25
MTB3-ER16-40	40	28	ER16
MTB3-ER32-70	70	50	ER32
MTB3-ER40-80	80	63	ER40
MTB4-ER32-60	60	50	ER32
MTB4-ER40-82	82	63	ER40
MTB5-ER4082	82	63	ER40

ZH-0020 R8 铣刀柄 R8 SHANK



■Dimensions:



(Unit: mm)

Model No.	Collettype	L	D	Draw Bar-G
R8-ER16	ER16	38	28	7/16"x20UNF
R8-ER32	ER32	40	50	
R8-ER40	ER40	70	63	

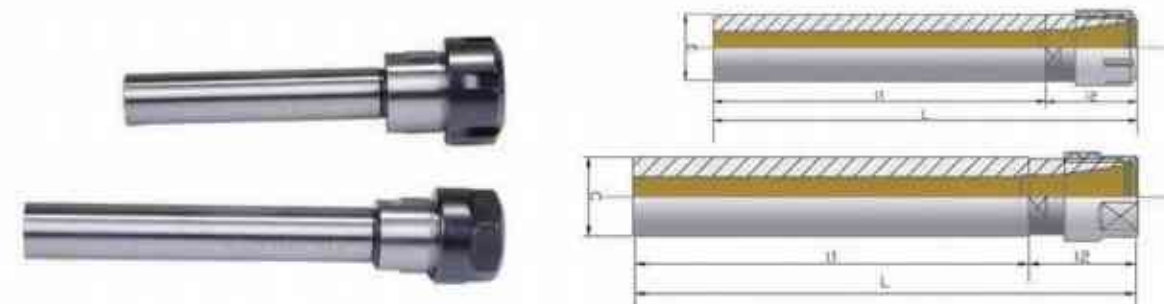
ZH-0021 Z-AXES SETTER



Z-AXES SETTER, INNER GAUGE TYPE

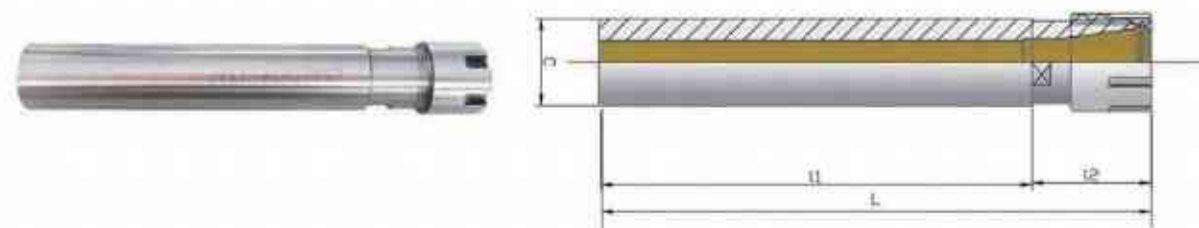
Range	Grad.	Accuracy
2°	0.001°	0.0006"
50mm	0.01mm	0.015mm

ZH-0022 直柄延长杆 Straight Shank Collet Chuck



Model	C	H	Wt(kg)
C16-ER11A-50	16	50	0.13
C16-ER11A-100	16	100	0.19
C16-ER16A-100	16	100	0.2
C16-ER16A-150	16	150	0.24
C20-ER16A-50	20	50	0.18
C20-ER16A-100	20	100	0.27
C20-ER16A-150	20	150	0.37
C20-ER20A-50	20	50	0.22
C20-ER20A-100	20	100	0.38
C20-ER25-50	20	50	0.39
C20-ER25-100	20	100	0.41
C25-ER16A-100	25	100	0.45
C25-ER16A-150	25	150	0.56
C25-ER20A-100	25	100	0.46
C25-ER20A-150	25	150	0.58
C25-ER25-100	25	100	0.47
C25-ER25-150	25	150	0.58
C25-ER32-100	25	100	0.6
C32-ER25-100	32	100	0.7
C32-ER32-100	32	100	0.8
C32-ER32-150	32	150	1.3
C32-ER40-100	32	100	2.4
C40-ER32-100	40	100	1.7
C40-ER40-100	40	100	1.9

ZH-0023 直柄延长杆 (M型压帽) Straight Shank Collet Chuck

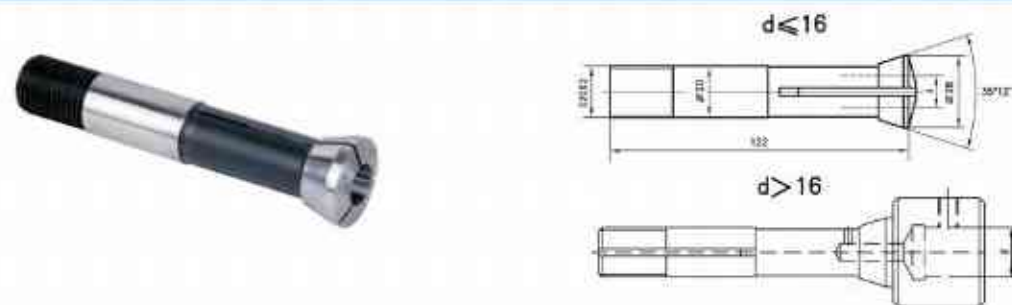


Model	C	L	Wt(kg)
C10-ER8M-100	10	100	0.07
C12-ER11M-100	12	100	0.16
C16-ER11M-100	16	100	0.18
C16-ER16M-100	16	100	0.19
C20-ER16M-100	20	100	0.26
C20-ER20M-100	20	100	0.32

ZH-0024 磨刀机夹头 SHARPENER COLLETS

1. 材料: 65Mn
2. 硬度: 夹持部分HRC55~60 弹性区HRC40~45

1. Material: 65Mn
2. Hardness: clamping part HRC55~60 elastic part HRC40~45



订单号 Order No.	d	
	in	mm
M-d	1/8~1-1/8	3~28

ZH-0025 R8 弹簧夹头 R8 COLLETS

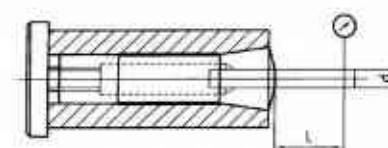
1. 材料: 65Mn
2. 硬度: 夹持HRC55~60弹性区HRC40~45
3. 适用于主轴锥孔为R8的各种铣床, 如X6325、X5325等

1. Material: 65Mn
2. Hardness: clamping part HRC55~60elastic part HRC40~45
3. This unit is applicable to all sorts of milling machines, which spindle taper hole is R8,such as X6325、X5325 etc.



订单号Order No.	型式 Type	夹持范围 Clamping range		重量 Wt (kg)
		mm	in	
R8-01-d	圆孔 Round	1-20	1/16-7/8	0.24
R8-02-S	四方孔 Square	3-13	1/8-1/2	0.24
R8-03-H	六方孔 Hex	3-16	1/8-5/8	0.24

精度检测 Inspection of Accuracy



d		L	径向跳动 Run out	
mm	in	mm	in	mm
1-1.6	1/32-1/16	6.35	0.0005	0.013
> 1.6-3	> 1/16-1/8	12.7	0.0005	0.013
> 3-10	> 1/8-3/8	25.4	0.0005	0.013
> 10-16	> 3/8-5/8	38.1	0.0005	0.013
> 16-20	> 5/8-7/8	50.8	0.0005	0.013

ZH-0026 5C 弹簧夹头 5C COLLETS

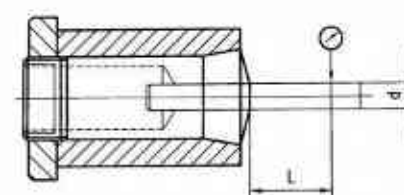
1. 材料: 65Mn
2. 硬度: 夹持HRC55~60 弹性区HRC40~45
3. 适用于主轴锥孔为5C的各种车床, 如自动车床、数控车床等

1. Material: 65Mn
2. Hardness: clamping part HRC55~60 elastic part HRC40~45
3. This unit is applicable to all sorts of lathes, which spindle taper hole is 5C,such as automatic lathes, CNC lathes etc.



订单号Order No.	型式 Type	夹持范围 Clamping range		重量 Wt (kg)
		mm	in	
5C-01-d	圆孔 Round	1-28	1/32-1-1/8	0.24
5C-02-S	四方孔 Square	3-19	1/8-3/4	0.24
5C-03-H	六方孔 Hex	3-22	1/8-7/8	0.24

精度检测 Inspection of Accuracy

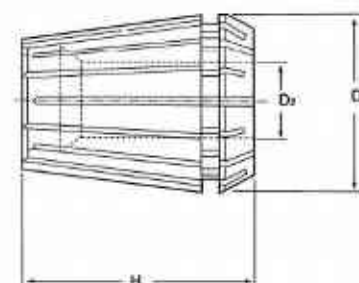


d		L	径向跳动 Run out	
mm	in	mm	in	mm
1-1.6	1/32-1/16	6.35	0.0005	0.013
> 1.6-3	> 1/16-1/8	12.7		
> 3-10	> 1/8-3/8	25.4		
> 10-16	> 3/8-5/8	38.1		
> 16-20	> 5/8-7/8	50.8		

ER8, ER11, ER16, ER20, ER25, ER32, ER40 ER筒夹 / ER COLLET

Collet must be assembled into the clamping nut before inserting into the chuck

■Dimensions:



(Unit: mm)

Model No.	D1	H	D2
ER11	11.5	18	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7
ER16	17	27	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
ER20	21	31	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
ER25	26	35	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16
ER32	33	40	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20
ER40	41	46	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26

Model No.	D1	H	D2
ER11	11.5	18	1/32, 1/16, 3/32, 1/8, 3/16, 7/32, 1/4
ER16	17	27	1/32, 1/16, 3/32, 1/8, 3/16, 7/32, 1/4, 5/16, 11/32, 3/8
ER20	21	31	1/16, 3/32, 1/8, 3/16, 7/32, 1/4, 5/16, 11/32, 3/8, 13/32, 7/16, 1/2
ER25	26	35	1/16, 3/32, 1/8, 3/16, 7/32, 1/4, 5/16, 11/32, 3/8, 13/32, 7/16, 1/2, 17/32, 9/16, 5/8
ER32	33	40	3/32, 1/8, 3/16, 7/32, 1/4, 5/16, 11/32, 3/8, 13/32, 7/16, 1/2, 17/32, 9/16, 5/8, 21/32, 11/16, 3/4, 25/32
ER40	41	46	1/8, 3/16, 7/32, 1/4, 5/16, 11/32, 3/8, 13/32, 7/16, 1/2, 17/32, 9/16, 5/8, 21/32, 11/16, 3/4, 25/32, 13/16, 27/32, 7/8, 15/16, 31/32, 1

• Ordering Instructions: ER16(2)=Collet ER16 with Clamping Capacity 2mm-1mm.

(Unit: mm)

ER11		ER16		ER20		ER25		ER32		ER40	
SET	13PCS	SET	10PCS	SET	12PCS	SET	15PCS	SET	18PCS	SET	23PCS
NO.	RANGE mm	NO.	RANGE mm	NO.	RANGE mm	NO.	RANGE mm	NO.	RANGE mm	NO.	RANGE mm
ER11-1	1.0-0.5	ER16-1	1.0-0.5	ER20-2	2.0-1.0	ER25-2	2.0-1.0	ER32-3	3.0-2.0	ER40-4	4.0-3.0
ER11-1.5	1.5-1.0	ER16-2	2.0-1.0	ER20-3	3.0-2.0	ER25-3	3.0-2.0	ER32-4	4.0-3.0	ER40-5	5.0-4.0
ER11-2	2.0-1.5	ER16-3	3.0-2.0	ER20-4	4.0-3.0	ER25-4	4.0-3.0	ER32-5	5.0-4.0	ER40-6	6.0-5.0
ER11-2.5	2.5-2.0	ER16-4	4.0-3.0	ER20-5	5.0-4.0	ER25-5	5.0-4.0	ER32-6	6.0-5.0	ER40-7	7.0-6.0
ER11-3	3.0-2.5	ER16-5	5.0-4.0	ER20-6	6.0-5.0	ER25-6	6.0-5.0	ER32-7	7.0-6.0	ER40-8	8.0-7.0
ER11-3.5	3.5-3.0	ER16-6	6.0-5.0	ER20-7	7.0-6.0	ER25-7	7.0-6.0	ER32-8	8.0-7.0	ER40-9	9.0-8.0
ER11-4	4.0-3.5	ER16-7	7.0-6.0	ER20-8	8.0-7.0	ER25-8	8.0-7.0	ER32-9	9.0-8.0	ER40-10	10-9.0
ER11-4.5	4.5-4.0	ER16-8	8.0-7.0	ER20-9	9.0-8.0	ER25-9	9.0-8.0	ER32-10	10-9.0	ER40-11	11-10
ER11-5	5.0-4.5	ER16-9	9.0-8.0	ER20-10	10-9.0	ER25-10	10-9.0	ER32-11	11-10	ER40-12	12-11
ER11-5.5	5.5-5.0	ER16-10	10-9.0	ER20-11	11-10	ER25-11	11-10	ER32-12	12-11	ER40-13	13-12
ER11-6	6.0-5.5			ER20-12	12-11	ER25-12	12-11	ER32-13	13-12	ER40-14	14-13
ER11-6.5	6.5-6.0			ER20-13	13-12	ER25-13	13-12	ER32-14	14-13	ER40-15	15-14
ER11-7	7.0-6.5					ER25-14	14-13	ER32-15	15-14	ER40-16	16-15
						ER25-15	15-14	ER32-16	16-15	ER40-17	17-16
						ER25-16	16-15	ER32-17	17-16	ER40-18	18-17
								ER32-18	18-17	ER40-19	19-18
								ER32-19	19-18	ER40-20	20-19
								ER32-20	20-19	ER40-21	21-20
										ER40-22	22-21
										ER40-23	23-22
										ER40-24	24-23
										ER40-25	25-24
										ER40-26	26-25

ZH-0027 ER 筒夹套装 ER Collet Set



Model No.	SET	SPEC
ER11COLLET	7PCS	1,2,3,4,5,6,7
ER11COLLET	13PCS	1,1.5,2,2.5,3,3.5,4,4.5,5,5.5,6,6.5,7



Model No.	SET	SPEC
ER16COLLET	8PCS	3,4,5,6,7,8,9,10
ER16COLLET	10PCS	1,2,3,4,5,6,7,8,9,10



Model No.	SET	SPEC
ER20COLLET	10PCS	4,5,6,7,8,9,10,11,12,13
ER20COLLET	12PCS	2,3,4,5,6,7,8,9,10,11,12,13

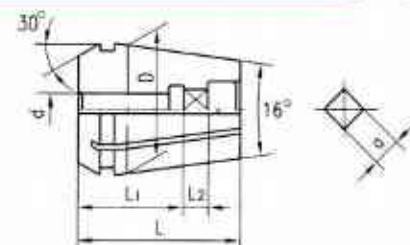


Model No.	SET	SPEC
ER25COLLET	7PCS	4,6,8,10,12,14,16
ER25COLLET	15PCS	2,3,4,5,6,7,8,9,10,11,12,13,14,15,16

Model No.	SET	SPEC
ER32COLLET	6PCS	6,8,10,12,16,20
ER32COLLET	11PCS	4,5,6,8,10,12,13,15,16,18,20
ER32COLLET	18PCS	3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20

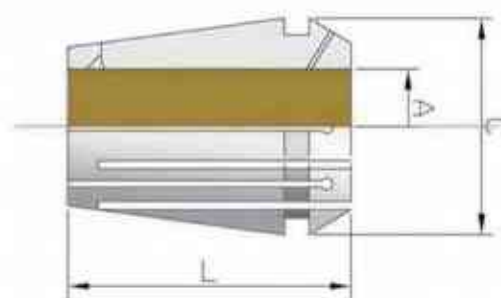
Model No.	SET	SPEC
ER40COLLET	7PCS	6,8,10,12,16,20,25
ER40COLLET	15PCS	4,5,6,8,10,12,13,15,16,18,20,21,22,25,26
ER40COLLET	23PCS	4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26

ZH-0028 ERG型攻丝夹头 TAPPING COLLET



订单号 Order No.	ER16G-d	ER20G-d	ER25G-d	ER32G-d	ER40G-d
D	16	20	25	32	40
L	27.5	31.5	34	40	46
d	3.5-8	3.5-10	3.5-16	3.5-20	3.5-25
dxa	3.5×2.7	4.0×3.0	4.5×3.4	5.5×4.3	6.0×4.9
	8.0×6.2	9.0×7.0	10×8.0	11×9.0	12×9.0
	16×12	18×14.5	20×16	22×18	25×20

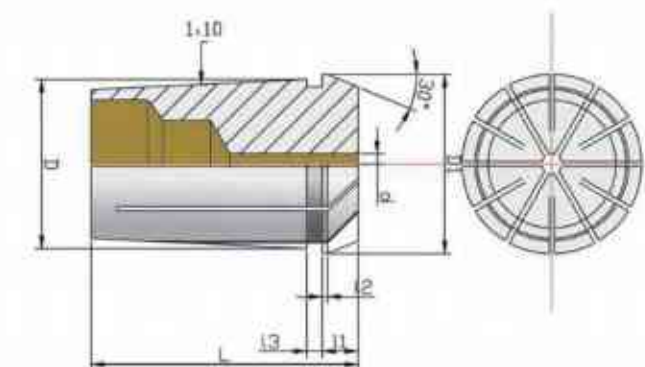
ZH-0029 ER 止水筒夹 ER Sealed Collet



Model	C	L	Clamping Range	Wt(kg)
ERS16	17	27.5	3-10	0.03
ERS20	21	31.5	3-13	0.04
ERS25	26	34	3-16	0.06
ERS32	33	40	3-20	0.1
ERS40	41	46	3-26	0.25

Order Example: CERS1606
CERS3210

ZH-0030 EOC 铣夹头 EOC Collet Set



Model	d	D	D1	L	L1	L2	L3
EOC 16B	2-16	22.65	25.5	40	5.5	1.2	9.5
EOC 20B	2-20	27.4	29.8	45	6	1.35	10
EOC 25B	2-25	32.9	35.05	52	6	1.4	10
EOC 32B	4-32	41.3	43.7	60	6	1.45	11
EOC 40B	6-40	52.2	52.2	68	6	1.45	12
EOC 50B	8-50	63.8	63.8	80	7	1.55	13

Order Example: CE0606B
CE3210B

ZH-0031 EOC 铣夹头 EOC Collet Set



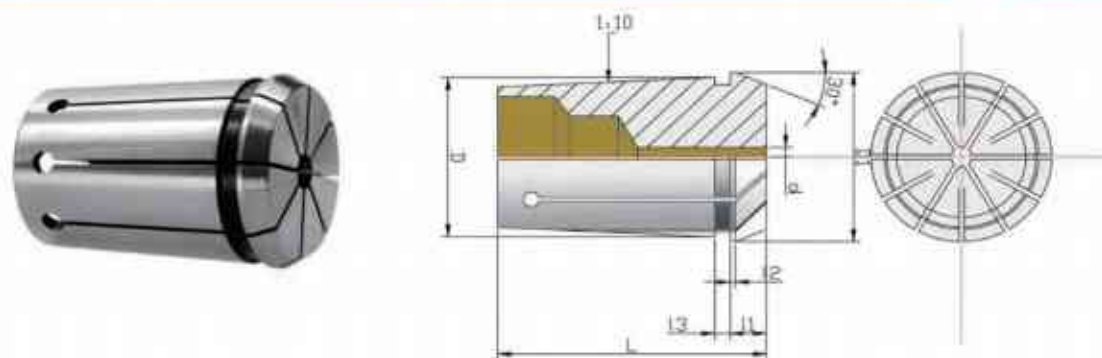
OZ25	7PCS: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 1"	SET
	15PCS: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"	SET

OZ25	7PCS: 6, 8, 10, 12, 16, 20, 25	SET
	15PCS: 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 16, 18, 20, 25	SET

OZ32	10PCS: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4"	SET
	15PCS: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/8", 1-1/4"	SET

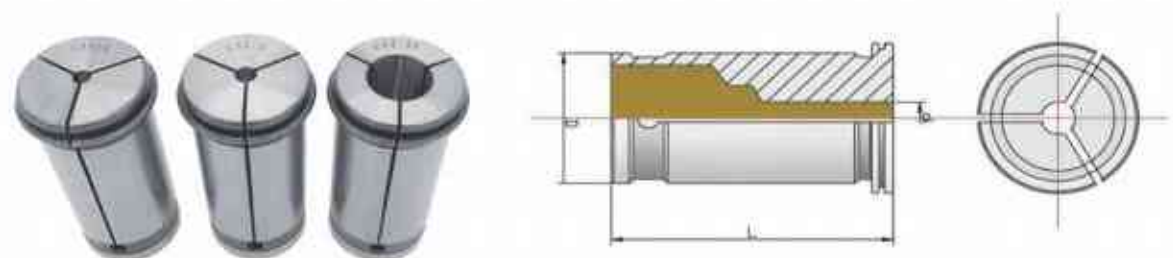
OZ32	8PCS: 6, 8, 10, 12, 16, 20, 25, 32	SET
	15PCS: 6, 8, 10, 12, 13, 14, 15, 16, 18, 20, 22, 25, 26, 30, 32	SET

ZH-0032 EOC 铣夹头 Collet



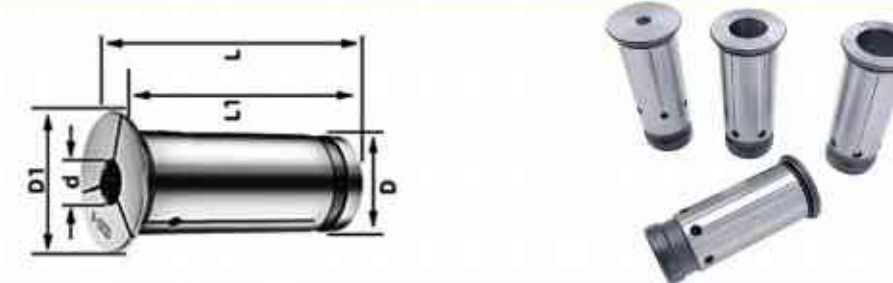
Model	d	D	D1	L	L1	L2	L3
EOC 6A	1-6	10	11.5	21	3.4	0.5	4
EOC 8A	1-8	12.65	14.5	26	4	0.8	4.5
EOC 10A	1-10	15.15	17.2	30	4.5	0.8	4.5
EOC 12A	1-12	17.75	19.8	34	5	1.1	4.5
EOC 16A	2-16	22.65	25.5	40	5.5	1.2	5.5
EOC 20A	2-20	27.4	29.8	45	6	1.35	6
EOC 25A	2-25	32.9	35.05	52	6	1.4	6
EOC 32A	4-32	41.3	43.7	60	6	1.45	7
EOC 40A	6-40	49.7	52.2	68	6	1.45	8
EOC 50A	8-50	61.1	63.8	80	7	1.55	9

ZH-0033 直柄筒夹 Straight Shank Collet



Model	D	d	L
SC16	16	3,4,5,6,8,10,12	45
SC20	20	3,4,5,6,8,10,12,14,16	50
SC22	22	3,4,5,6,8,10,12,14,16	50
SC25	25	3,4,5,6,8,10,12,14,16,18,20	60
SC32	32	3,4,5,6,8,10,12,14,16,18,20,25	65
SC40	40	3,4,5,6,8,10,12,14,16,18,20,25,28,30,32	80
SC42	42	3,4,5,6,8,10,12,14,16,18,20,22,24,25,28,30,32	80

ZH-0034 液压夹头 Hydraulic collet



型号 Model	D	d	D1	L	L1
HC12	12	3、4、5、6、8	19	47	45
HC12	20	4、5、6、7、8、9、10、12、14、16	25	51.5	49.5
HC20			31	52.5	50.5
HC32	30	6、8、10、12、14、16、18、20、25	37.5	64	61.5
HC32			45	63.5	60.5

ZH-0035 ER夹头刀柄套装 ER COLLET MILLING CHUCK SET

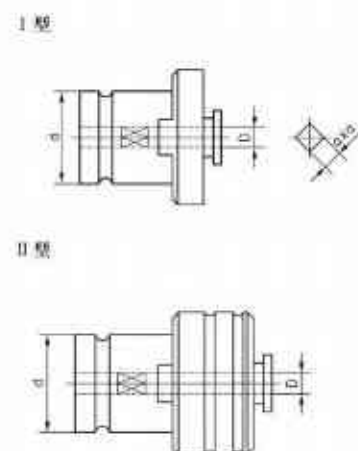


Order No.	孔径(Hole size) 公制 (mm)	支数/套 (pcs/set)	刀柄 (Tool holder)
ER16-8PCS	2 3 4 5 6 7 8 10	8	R8
ER25-6PCS	4 6 8 10 12 16	6	MT2-MT6
ER25-10PCS	3 4 5 6 8 10 12 14 15 16	10	NT30 NT40 NT50
ER32-6PCS	6 8 10 12 16 20	6	BT30 BT40 BT50
ER32-12PCS	3 4 5 6 8 10 12 14 15 16 18 20	12	DIN69871 SK30
ER40-8PCS	3 5 8 12 15 18 22 26	8	DIN69871 SK40
ER40-15PCS	3 4 5 6 8 10 12 14 15 16 18 20 22 24 26	15	DIN69871 SK50

Order No.	孔径(Hole size) 英制 (inch)	支数/套 (pcs/set)	刀柄 (Tool holder)
ER16-8PCS	3/32 1/8 3/16 7/32 1/4 5/16 11/32 3/8	8	R8
ER25-6PCS	1/8 3/16 5/16 3/8 1/2 5/8	6	MT2-MT6
ER25-10PCS	3/32 1/8 3/16 1/4 5/16 3/8 7/16 1/2 9/16 5/8	10	NT30 NT40 NT50
ER32-6PCS	1/4 5/16 3/8 1/2 5/8 3/4	6	BT30 BT40 BT50
ER32-12PCS	3/32 1/8 3/16 1/4 5/16 3/8 7/16 1/2 9/16 5/8 11/16 3/4	12	DIN69871 SK30
ER40-8PCS	1/8 1/4 3/8 1/2 5/8 3/4 7/8 1	8	DIN69871 SK40
ER40-15PCS	1/8 3/16 1/4 5/16 3/8 7/16 1/2 9/16 5/8 11/16 3/4 13/16 7/8 15/16 1	15	DIN69871 SK50

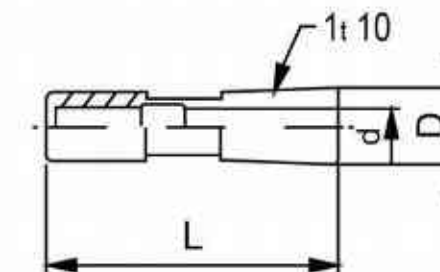
Feature: The number and type of toolholders and collet in the set can be customized according to customer needs. Please specify the toolholder type and chuck aperture when ordering.
For example: (BT40-ER32-70 1pcs+ER32 12pcs)/set

特点: 套装中的刀柄, 夹头数量和种类可根据客户需求定制, 订购时请说明刀柄种类和夹头孔径。
例如: BT40-ER32-70 1pcs+ER32 12pcs/套



型号 Model DXa	d (mm)	DIN371	DIN374	DIN376
3.5X2.7	19	M3	M5	M5
4X3		M3.5		M5.5
4.5X3.4		M4	M6	M6
6X4.9		M5 M6	M8	M8
7X5.5		M7	M10	M9 M10
8X6.2		M8		M11
9X7		M9	M12	M12
10X8		M10		
11X9		M11	M14	M14
12X9		M12	M16	M16
14X11	48		M18	M18
16X12			M20	M20
18X14.5			M22 M24	M22 M24
20X16			M27	M27
22X18			M30	M30
25X20			M33	M33
28X22			M36	M36

- 该夹头 II 型内部设有过载保护装置，扭矩可调
- 订货时请写明规格、柄径d及形式如：19-3.5×2.7-II
- With overload protection device inside the chucks torque adjustable
- Show the specification in the order, with diameter of shank in the form as 19-3.5×2.7-II

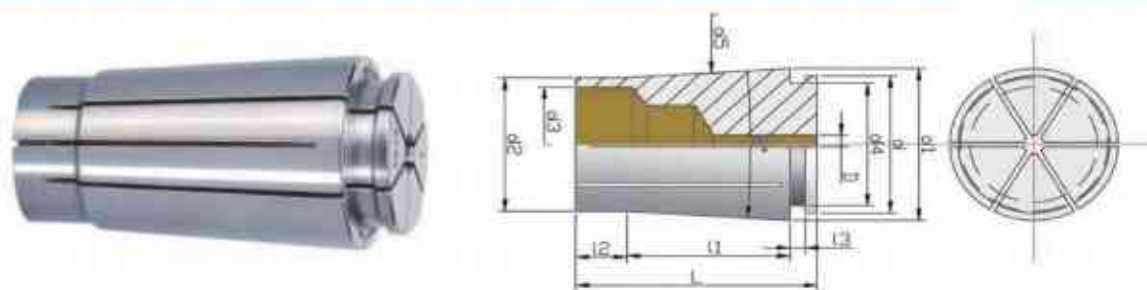


采用高强度特殊材质，淬火、回火后经深冷处理，产品性能稳定，耐磨耐用
属于高精度弹性夹头，定心精度高
适用模具产业

Using high-strength special materials, quenched and tempered, and then subjected to cryogenic treatment, the product has stable performance, wear resistance, and durability
Belonging to high-precision elastic chuck, with high centering accuracy
Applicable to the mold industry

规格 Spec.	夹持范围d Clamping Range	D	L	刀具最小夹持 长度 Min.	(KGS) Weight
DC06-d	2.0-6.0	9.6	36	16	0.02
DC12-3	3.0	22	60	20	0.06
DC12-4	4.0			22	0.18
DC12-5	5.0				0.18
DC12-6	6.0				0.18
DC12-8	8.0			30	0.06
DC12-10	10.0				0.06
DC12-12	12.0			22	0.18
DC20-3	3.0	27	70	20	0.20
DC20-4	4.0			22	0.20
DC20-5	5.0				0.20
DC20-6	6.0				0.20
DC20-8	8.0			32	0.20
DC20-10	10.0				0.18
DC20-12	12.0				0.16
DC20-16	16.0				0.14
DC20-20	20			26	0.20

ZH-0038 SK 高速弹簧筒夹 Slim Chuck Collet



Model	L	l1	l2	l3	d	d1	d2	d3	d4	d5
SK06	25.7	17.5	4	2.4	9.26	10.5	7.5	6	7.8	9.964
SK10	32	22	5	2.5	13.7	15.6	12	10	12	15.013
SK16	46	32	8	2.8	21	24.6	18.8	16	19	23.939
SK25	58	43	8.5	3.6	31	35.6	28.9	25.5	28.2	35.029

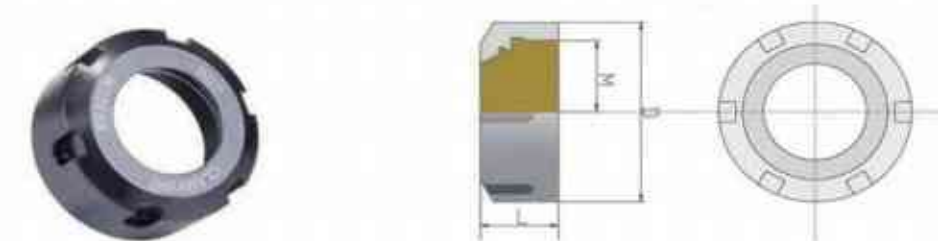
Model	D	Collapsible Capacity
SK6	2,2.5,3	0.25
SK6	3.5,4,4.5,5,5.5,6	0.5
SK10	2,2.5,3	0.25
SK10	3.175	0.457
SK10	3.5,4,4.5,5,5.5,6,6.5,7,7.5,8,8.5,9,9.5,10	0.5
SK16	3	0.25
SK16	3.175	0.475
SK16	3.5,4,4.5,5,5.5,6,6.5,7,7.5,8,8.5,9,9.5,10,10.5,11,11.5,12,12.5,13,13.5,14,14.5,15,15.5,16	0.5
SK25	6,8,10,12,14,16,16.5,17,17.5,18,18.5,19,19.5,20,20.5,21,21.5,22,22.5,23,23.5,24,24.5,25	0.5

ZH-0039 SK 轴承扳手 SK WRENCH



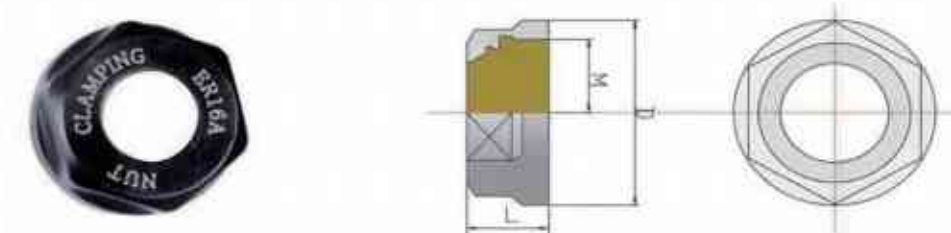
型号 Model	规格 Spec.	D	L
ZW-SK10	SK10/ER16	30	152.5
ZW-SK16	SK16	40	200
ZW-ER20	ER20	35	175
ZW-ER25	ER25	43	200
ZW-ER32	ER32	46	204

ZH-0040 ER压帽 ER Clamping Nut



UM/T2

Model	D(mm)	d1(mm)	L(mm)	T	Wt(kg)
ER16-UM	32	26	17	M22X1.5	0.05
ER20-UM	35	29	19	M25X1.5	0.1
ER25-UM	42	36	20	M32X1.5	0.14
ER32-UM	50	44	22.5	M40X1.5	0.2
ER40-UM	63	57	25.5	M50X1.5	0.3
ER50-UM	78	71	35.5	M64X2	0.5



A/Hex

Model	D(mm)	d1(mm)	L(mm)	T	Wt(kg)
ER11-A	19	17	11.3	M14X0.75	0.005
ER16-A	28	25	17.5	M22X1.5	0.01
ER20-A	34	30	19	M25X1.5	0.05



Mini

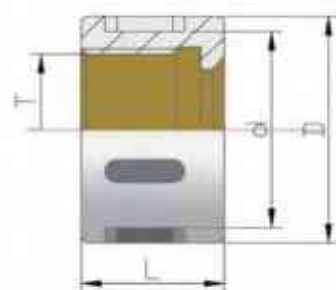
Model	D(mm)	d1(mm)	L(mm)	T	Wt(kg)
ER8-M	12	10	10	M10X0.75	0.005
ER11-M	16	12	12	M13X0.75	0.01
ER16-M	22	17.2	18	M19X1	0.05
ER20-M	28	22.5	19	M24X1	0.05
ER25-M	35	28.6	20	M30X1	0.08

ZH-0041 EOC 压帽 EOC Clamping Nut



Model	D(mm)	L(mm)	T
EOC6	18	14	M14X1
EOC8	26	19	M20X1.5
EOC10	30	19	M22X1.5
EOC12	35	20	M27X1.5
EOC16	43	24	M33X1.5
EOC20	50	28	M42X2
EOC25	60	30	M48X2
EOC32	72	33.5	M60X2.5
EOC40	85	37	M68X2.5
EOC50	100	43	M80X2.5

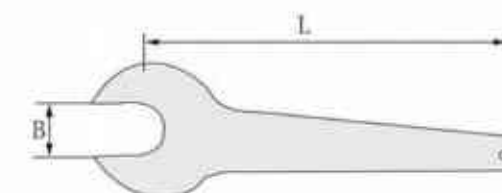
ZH-0042 SK 压帽 SK Nut



Model	d	D(mm)	L(mm)	T
SK06	18.1	20	15	M15.5X1
SK10	25.4	28	17	M21.5X1
SK16	35	40	24	M32X1.5
SK20	43	48	27	M40X1.5
SK25	50	55	30	M45X1.5

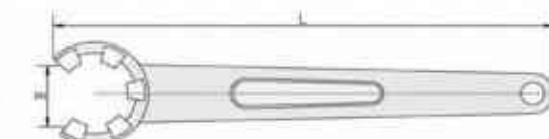
ZH-0043 ER扳手 ER Spanner

A



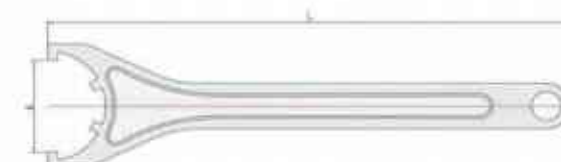
Model	B	L	Clamping Nut
ER11-A	17	110	ER11-A
ER16-A	25	120	ER16-A
ER20-A	30	130	ER20-A

Mini



Model	B	L	Clamping Nut
ER8-M	7.5	70	ER8-M
ER11-M	11	90	ER11-M
ER16-M	15	110	ER16-M
ER20-M	19.5	120	ER20-M
ER25-M	25	130	ER25-M

UM



Model	B	L	Clamping Nut
ER16-UM	26	180	ER16-UM
ER20-UM	30	190	ER20-UM
ER25-UM	37	210	ER25-UM
ER32-UM	46.5	250	ER32-UM
ER40-UM	58	290	ER40-UM
ER50-UM	74	350	ER50-UM



ER

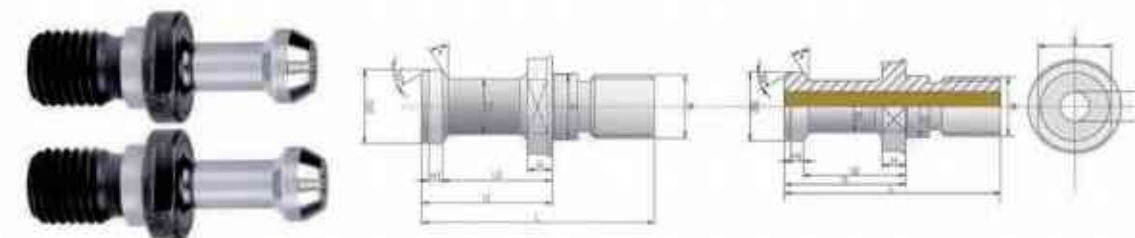
Model	B	Size	Clamping Nut
ER25-C	168	38-42	ER25-UM
ER32-C	190	45-52	ER32-UM
ER40-C	210	55-63	ER40-UM
ER50-C	240	78-85	ER50-UM

EOC

Model	L(mm)	Dia of Nut(mm)
EOC06	90	18-21
EOC08	125	22-26
EOC10	140	28-32
EOC12	154	34-36
EOC16	168	38-42
EOC20	190	45-52
EOC25	210	55-62
EOC32	230	68-72
EOC40	240	78-85
EOC50	250	100-110

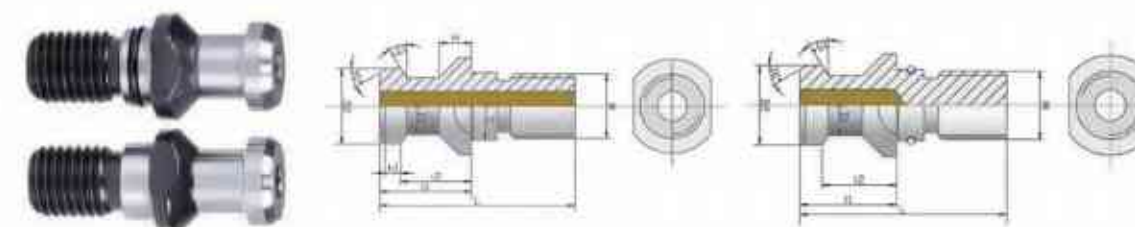
SC

Model	L(mm)	Dia of Nut(mm)
SC20	55-62	214
SC22	55-62	214
SC25	55-62	214
SC32	68-72	235
SC42	78-85	261



Model	D	D1	D2	M	L	L1	L2	H	H1	Φ
LDB-P30T	12.5	7	11	M12	43	23	18	5	2.5	45° 60° 90°
LDB-P40T	17	10	15	M16	60	35	28	6	3	
LDB-P50T	25	17	23	M24	85	45	35	10	5	

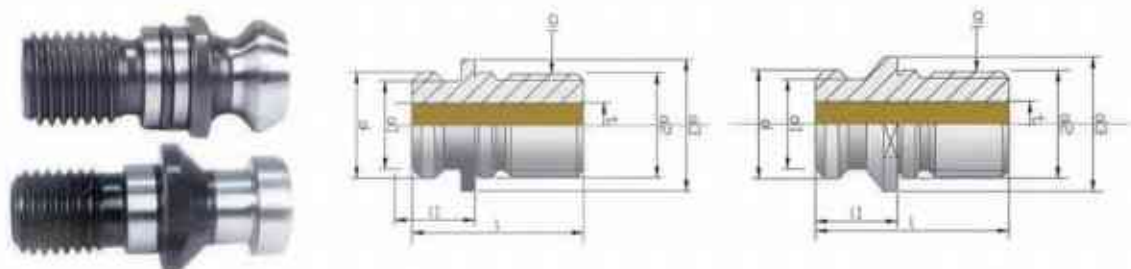
Order Example: PBT3045
PBT4060
For Collant Type: PBT4045C



Model	D	D1	D2	M	L	L1	L2
SK-30A(B)	13	9	13	M12	44	24	19
SK-40A(B)	17	14	19	M16	54	26	20
SK-50A(B)	25	21	28	M24	74	34	25

Order Example: PSK40A
PSK50B

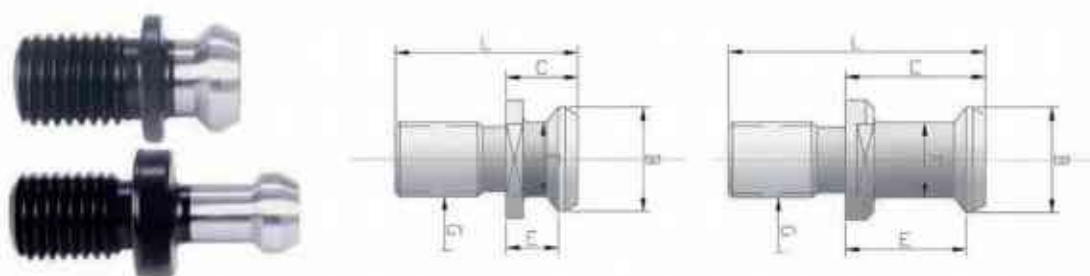
ZH-0047 ISO7388 拉钉 ISO7388 Pull Stud



Model	d3	d2	d1	d	g	l	t
DIN7388-40A	23	17	14	19	M16	54	7.5
DIN7388-50A	36	25	21	28	M24	74	11.5

Model	d3	d2	d1	d	g	l	t
DIN7388-40B	22.5	17	12.9	18.9	M16	44.5	7.5
DIN7388-50B	36	25	19.6	29.1	M24	65.5	11.5

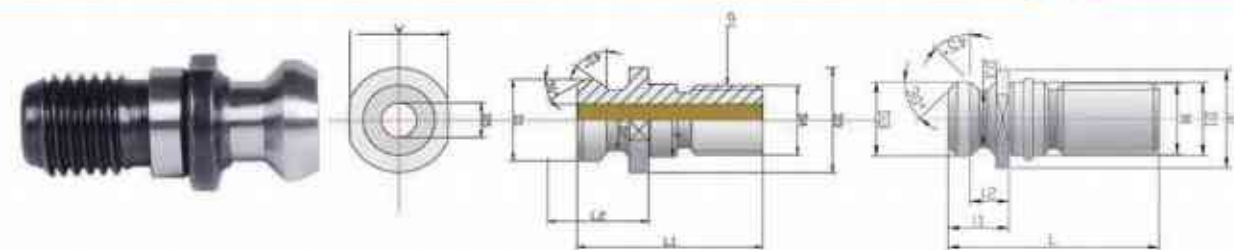
ZH-0048 CAT 美标拉钉 CAT Pull Stud



Model	Type	G	B	L	B	C	E	F
CAT40-A	A	5/8"-11	45	1.5	0.74	0.64	0.44	0.49
CAT50-A	A	1"-8	45	2.3	1.14	1	0.7	0.82
CAT40-B	B	5/8"-11	45/60/90	2.13	0.59	1.27	0.99	0.393
CAT50-B	B	1"-8	45/60/90	3.07	0.906	1.772	1.378	0.669

Order Example: PCAT4045A
PCAT4060B

ZH-0049 马扎克 拉钉 Mazak Pull Stud



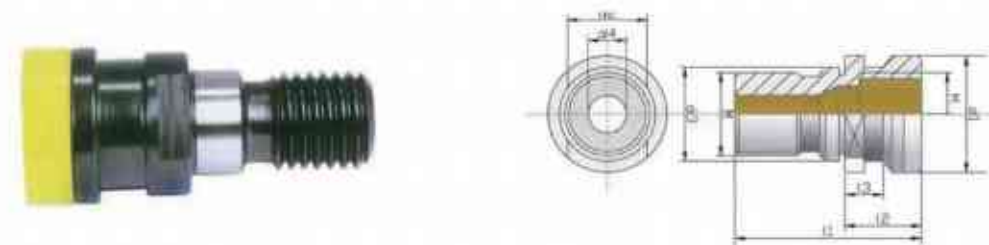
BT

Model	L1	L2	D1	D2	D3	D4	D5	W	G
Marzak-BT40	44.1	19.1	18.8	12.45	22	17	7	19	M16
Marzak-BT50	65.2	25.2	29	20.83	36	25	10	30	M24

CAT

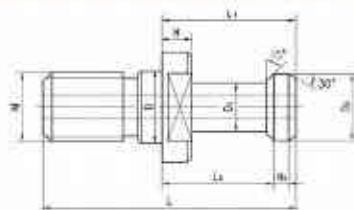
Model	D	D1	D2	D3	L	L1	L2	M
Marzak-CAT40	22	17	18.79	12.5	41.25	16.25	11.17	M16
Marzak-CAT50	35.6	25	28.95	20.82	65.4	25.4	17.78	M24

ZH-0050 NT 拉杆 NT Pull Stud



Model	M	d1	d2	d3	d4	l3	l2	l1
NT40	M16	25	21.2	17	7	13.6	25.1	53
NT50	M24	39.6	32	25	7	13.3	25.1	65.1

ZH-0051 JIS B6339-1986 拉钉 RETENTION KNOB

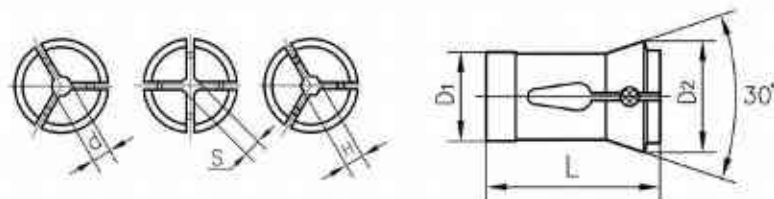


订单号 Order No.	D	D1	D2	M	L	L1	L2	H	H1
LDJ-30P	12.5	8	12	M12	43	23.4	18.4	5	3
LDJ-35P	12.5	11	15	M12	44	24	19	5	3
LDJ-40P	17	14	19	M16	54	29	23	7	3
LDJ-45P	21	17	23	M20	60	30	23	7	4
LDJ-50P	25	21	28	M24	74	34	25	7	5
LDJ-55P	31	27	36	M30	98	48	36	11	7

ZH-0052 DIN6343 夹紧夹头 DIN6343 CLAMPING COLLETS

1. 材料: 65Mn
2. 硬度: 夹持部分HRC55~60
弹性区HRC40~45
3. 适用于各种车床、六角车床等

1. Material: 65Mn
2. Hardness: clamping part HRC55~60
elastic part HRC40~45
3. This unit is applicable to all sorts of automatic lathes, turret lathes



型号 Model	D1 (mm)	D2 (mm)	L (mm)	孔径 Hole size (mm)			重量 Wt (kg)
				圆孔 ROUND	四方孔 SQUARE	六方孔 HEX	
DIN6343-F17.5	17.5	22	51	13	8	10	0.05
DIN6343-F22	22	30	55	16	11	13	0.09
DIN6343-F27	27	38	72.7	22	15	19	0.10
DIN6343-F28	28	38	70	22	15	19	0.12
DIN6343-F32	32	45	75	26	18	22	0.27
DIN6343-F35	35	48	80	30	21	26	0.35
DIN6343-F42	42	55	94	36	25	30	0.49
DIN6343-F48	48	60	94	42	29	36	0.57
DIN6343-F56	56	68	94	50	35	42	0.65
DIN6343-F66	66	84	110	60	42	52	1.18

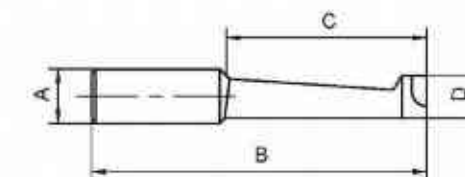
ZH-0053 立卧两用锁刀座/TOOL LOCKING DEVICE



Model No.	Shank type	(Unit: mm)
100-000	BT30	--
100-001	BT40	MAS
100-003	BT50	--
100-001	SK30	--
100-001	SK40	DIN 69871A
100-003	SK50	--

Model No.	type No.	(Unit: mm)
100-000	CAT30	
100-001	CAT40	
100-003	CAT50	

ZH-0054 合金镗刀杆 CARBIDE TIPPED BORING BARS

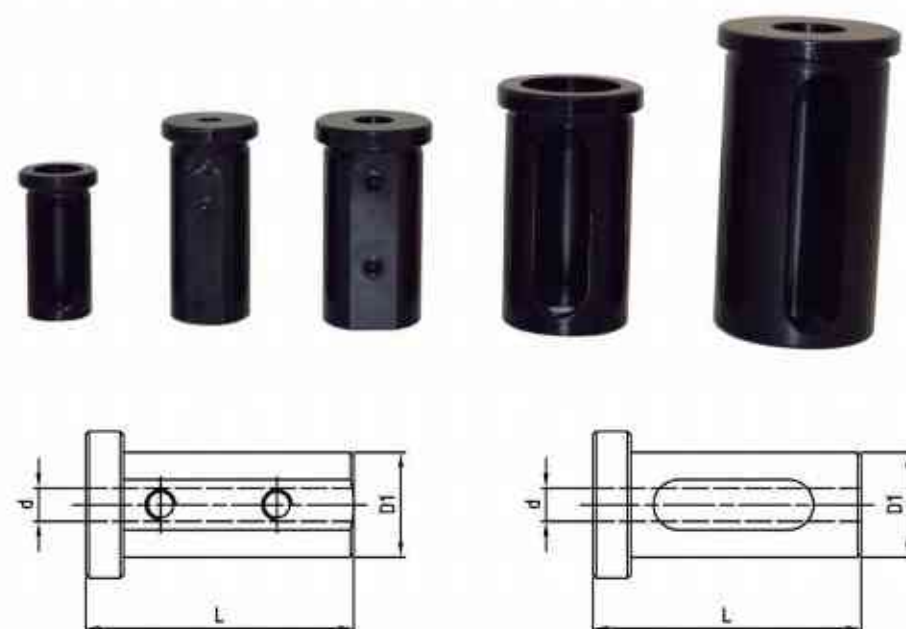


A=1/2" 柄Shank

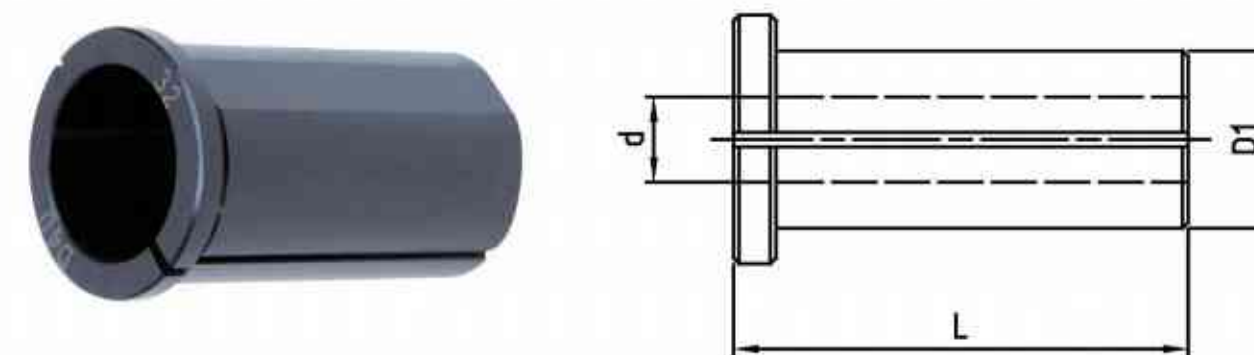
订单号 Order No.		B mm	C mm	D mm
铸铁 Case Iron	钢件 Steel			
375-1812	375-1816	103.90	45.34	10.50
375-1822	375-1826	116.77	58.39	14.06
375-1832	375-1836	129.10	71.39	17.27
375-1842	375-1846	142.03	85.15	20.73
375-1852	375-1856	154.00	96.12	24.72
375-1862	375-1866	168.00	111.63	27.88
375-1804	375-1808	以上6件套木托 6 Piece set of above \ wooden stand		

A=12mm 柄Shank

订单号 Order No.		B mm	C mm	D mm
铸铁 Case Iron	钢件 Steel			
375-3732	375-3736	103.90	45.34	10.50
375-3742	375-3746	116.77	58.39	14.06
375-3752	375-3756	129.10	71.39	17.27
375-3762	375-3766	142.03	85.15	20.73
375-3772	375-3776	154.00	96.12	24.72
375-3782	375-3786	168.00	111.63	27.88
375-5002	375-5006	以上6件套木托 6 Piece set of above \ wooden stand		

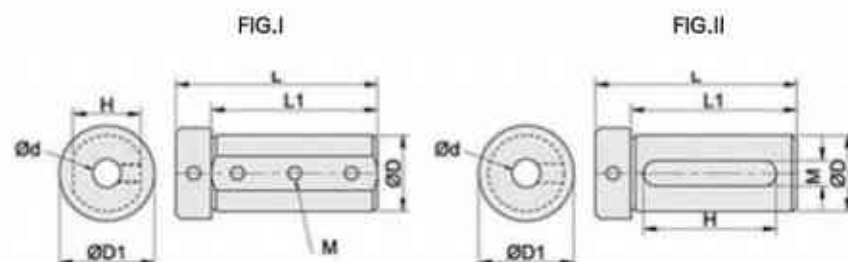


Code NO	External Dia D1	Clamping Length L	Internal Dia d
D16	16	40	4/5/6/7/8/9/10/12
D20	20	50	4/5/6/7/8/9/10/12/16
D25	25	50	6/7/8/9/10/12/14/16/18/20
D32	32	60	6/7/8/9/10/12/14/16/18/20/25
D40	40	75	6/7/8/9/10/12/14/16/18/20/25/32
D50	50	75	8/10/12/16/20/25/32/40
D60	60	75	8/10/12/16/20/25/32/40/50



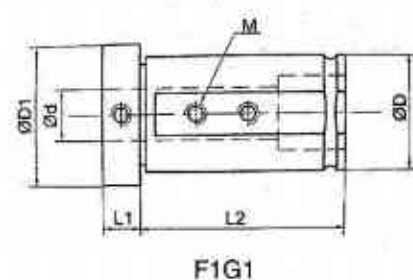
Code NO	External Dia D1	Clamping Length L	Internal Dia d
D16	16	40	4/5/6/7/8/9/10/12
D20	20	50	4/5/6/7/8/9/10/12/16
D25	25	50	6/7/8/9/10/12/14/16/18/20
D32	32	60	6/7/8/9/10/12/14/16/18/20/25
D40	40	75	6/7/8/9/10/12/14/16/18/20/25/32
D50	50	75	8/10/12/16/20/25/32/40
D60	60	75	8/10/12/16/20/25/32/40/50

ZH-0057 车刀转换套 THE CONVERSION TOOL SET



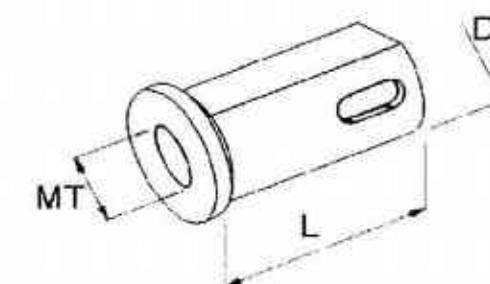
Model	D	L1	L	d	
				FIG.I	FIG.II
D16	16	45	50	6,8,10	12
D20	20	55	67	4,5,6,7,8,9	10,12,16
D25	25	65	72	5,6,8,10,12	14,16,18,20
D32	32	70	85	6,8,10,12,14,16,18	20,25
D40	40	85	100	6,8,10,12,14,16,18,20	25,32
D50	50	85	105	8,10,12,16,20	25,32,40
D60	60	105	120	8,10,12,16,20,25,32	40,50

ZH-0058 出水车刀转换套 THE TOOL CONVERSION SET



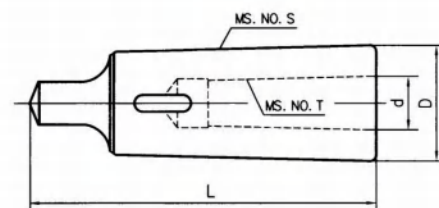
Code NO	External Dia D	Front End L1	Clamping Length L2	Internal Dia d
D20	20	12	50	4/5/6/7/8/9/10/12/16
D25	25	14	50	5/6/8/10/12/14/16/18/20
D32	32	15	70	6/8/10/12/14/16/18/20/25
D40	40	15	80	6/8/10/12/14/16/18/20/25/32
D50	50	15	90	8/10/12/14/16/18/20/25/32/40

ZH-0059 莫氏车刀转换套 MORSE BIT CONVERSION SET



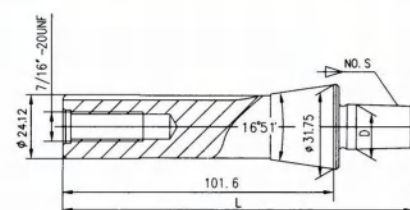
Code NO	External Dia D1	Clamping Length L	Total Length
D20-MT1	20	10	67
D20-MT2	20	15	72
D25-MT1	25	15	75
D25-MT2	25	15	75
D25-MT3	25	15	85
D32-MT1	32	10	75
D32-MT2	32	10	90
D32-MT3	32	10	90
D40-MT1	40	10	75
D40-MT2	40	10	85
D40-MT3	40	10	100
D40-MT4	40	10	120
D50-MT1	50	55	60
D50-MT2	50	67	72
D50-MT3	50	85	90
D50-MT4	50	109	114

ZH-0060 DIN2185 莫氏变径套 MORSE TAPER SLEEVES



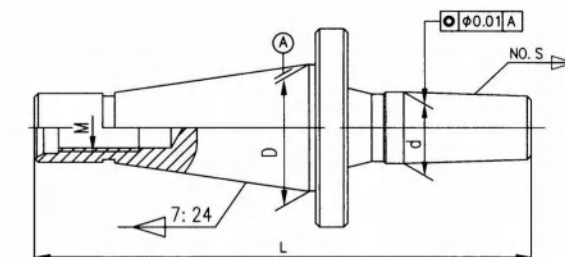
订单号 Order No.	MS.NO.S	MS.NO.T	D(mm)	d(mm)	L(mm)	重量Wt (kg)	精度 Accuracy(mm)
B1-0	1	0	13	9.045	80	0.10	0.015
B2-1	2	1	18.6	12.065	92	0.10	
B3-1	3	2	24.1	17.780	99	0.24	
B3-2			24.7		112	0.12	
B4-1	4	1	31.6	12.065	124	0.60	
B4-2		2	31.6	17.780		0.50	
B4-3		3	32.4	23.825		0.38	
B5-1	5	1	44.7	12.065	156	1.59	0.020
B5-2		2		17.780		1.49	
B5-3		3		23.825		1.36	
B5-4	6	4	45.5	31.267	171	0.95	
B6-1		1	63.8	12.065		3.84	
B6-2		2		17.780		3.73	
B6-3		3		23.825		3.85	
B6-4		4		31.267		3.12	
B6-5		5		44.399		1.95	

ZH-0061 R8 钻接杆 R8 DRILL CHUCK ARBORS

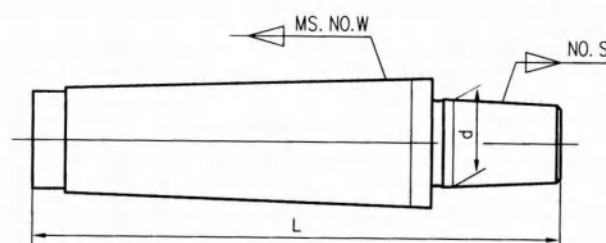


订单号 Order No. R8-NO.S	D(mm)	L(mm)	重量 Wt(kg)	订单号 Order No. R8-NO.S	D(mm)	L(mm)	重量 Wt(kg)
R8-J0	6.350	117	0.393	R8-J5	35.890	154	0.742
R8-J1	9.754	122	0.409	R8-N6	6.350	118.5	0.250
R8-J2S	13.940	125	0.400	R8-B10	10.094	124	0.386
R8-J2	14.199	128	0.414	R8-B12	12.065	128	0.408
R8-J33	15.850	132	0.418	R8-B16	15.733	135	0.440
R8-J6	17.170	132	0.426	R8-B18	17.780	143	0.454
R8-J3	20.599	137	0.465	R8-B22	21.793	152	0.514
R8-J4	28.550	148	0.600	R8-B24	23.825	162	0.567

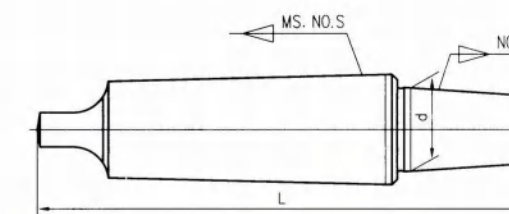
ZH-0062 7:24 钻接杆 7:24 DRILL CHUCK ARBORS



订单号 Order No. 7:24-NO.S	D mm	d mm	L mm	M	重量 Wt(kg)	订单号 Order No. 7:24-NO.S	D mm	d mm	L mm	M	重量 Wt(kg)
ISO30-J0	31.75	6.350	99	M12	0.313	ISO50-J6	69.85	17.170	184	M24	2.739
ISO30-J1		9.754	106		0.326	ISO50-J3		20.599	191		2.777
ISO30-J2S		13.940	109		0.341	ISO50-J4		28.550	202		2.953
ISO30-J2		14.199	113		0.349	ISO50-J5		35.890	205		3.178
ISO30-J33		15.850	122		0.377	ISO30-B10	31.75	10.094	104	M12	0.325
ISO30-J6		17.170	122		0.388	ISO30-B12		12.065	108		0.330
ISO30-J3	44.45	20.599	123	M16	0.426	ISO30-B16		15.733	116		0.372
ISO30-J4		28.550	136		0.602	ISO30-B18		17.780	124		0.393
ISO30-J5		35.890	145		0.827	ISO30-B22		21.793	133		0.460
ISO40-J0		6.350	126		0.789	ISO30-B24		23.825	143		0.518
USI40-J1		9.754	133	M24	0.797	ISO40-B10	69.85	10.094	132	M16	0.801
ISO40-J2S	69.85	13.940	136		0.817	ISO40-B12		12.065	136		0.809
ISO40-J2		14.199	141		0.829	ISO40-B16		15.733	143		0.848
ISO40-J33		15.850	145		0.853	ISO40-B18		17.780	151		0.869
ISO40-J6		17.170	145		0.864	ISO40-B22		21.793	160		0.936
ISO40-J3		20.599	150		0.902	ISO40-B24		23.825	169		0.994
ISO40-J4	69.85	28.550	165	M24	1.028	ISO50-B10	69.85	10.094	170	M24	2.684
ISO40-J5		35.890	170		1.303	ISO50-B12		12.065	174		2.676
ISO50-J1		9.754	175		2.672	ISO50-B16		15.733	182		2.723
ISO50-J2S		13.940	177		2.692	ISO50-B18		17.780	195		2.744
ISO50-J2		14.199	180		2.704	ISO50-B22		21.793	200		2.811
ISO50-J33		15.850	184		2.728	ISO50-B24		23.825	215		2.869



订单号 Order No. MS.NO.W-NO.S	d (mm)	L (mm)	订单号 Order No. MS.NO.W-NO.S	d (mm)	L (mm)	订单号 Order No. MS.NO.W-NO.S	d (mm)	L (mm)
MSOW-J0	6.350	67	MS2W-J6	17.170	97	MS4W-J33	15.850	137
MSOW-J1	9.754	72	MS2W-J33	15.850	97	MS4W-B10	10.094	130
MSOW-J2	14.199	78	MS2W-B10	10.094	90	MS4W-B12	12.065	134
MSOW-J3	20.599	87	MS2W-B12	12.065	94	MS4W-B16	15.733	141
MSOW-J6	17.170	81	MS2W-B16	15.733	101	MS4W-B18	17.780	149
MSOW-J33	15.850	81	MS2W-B18	17.780	109	MS4W-B22	21.793	158
MSOW-B10	10.094	74	MS2W-B22	21.793	117	MS4W-B24	23.825	168
MSOW-B12	12.065	78	MS2W-B24	23.825	127	MS5W-J2	14.199	161
MSOW-B16	15.733	85	MS3W-J1	9.754	105	MS5W-J3	20.599	170
MSOW-B18	17.780	93	MS3W-J2	14.199	111	MS5W-J4	28.550	181
MS1W-J0	6.350	71	MS3W-J3	20.599	120	MS5W-J5	35.890	186
MS1W-J1	9.754	76	MS3W-J4	28.550	131	MS5W-J6	17.170	164
MS1W-J2	14.199	82	MS3W-J5	35.890	136	MS5W-J33	15.850	164
MS1W-J3	20.599	91	MS3W-J6	17.170	114	MS5W-B16	15.7733	168
MS1W-J6	17.170	85	MS3W-J33	15.850	114	MS5W-B18	17.780	176
MS1W-J33	15.850	85	MS3W-B10	10.094	107	MS5W-B22	21.793	185
MS1W-B10	10.094	78	MS3W-B12	12.065	111	MS5W-B24	23.825	195
MS1W-B12	12.065	82	MS3W-B16	15.733	118	MS6W-J3	20.599	224
MS1W-B16	15.733	89	MS3W-B18	17.780	126	MS6W-J4	28.550	235
MS1W-B18	17.780	97	MS3W-B22	21.793	135	MS6W-J5	35.890	240
MS2W-J0	6.350	83	MS3W-B24	23.825	145	MS6W-J6	177.170	218
MS2W-J1	9.745	88	MS4W-J2	14.199	134	MS6W-B33	15.850	218
MS2W-J2	14.199	94	MS4W-J3	20.599	143	MS6W-B16	15.733	222
MS2W-J3	20.599	103	MS4W-J4	28.550	154	MS6W-B18	17.7780	230
MS2W-J4	28.550	114	MS4W-J5	35.890	159	MS6W-B22	21.793	238
MS2W-J5	35.890	119	MS4W-J6	17.170	137	MS6W-B24	23.825	248



订单号 OrderNo. MS.NO.W-NO.S	d (mm)	L (mm)	订单号 OrderNo. MS.NO.W-NO.S	d (mm)	L (mm)	订单号 OrderNo. MS.NO.W-NO.S	d (mm)	L (mm)
MSO-B6	6.350	75	MS2-B22	21.793	128	MS4-B18	17.780	164
MSO-B10	10.094	80	MS2-B24	23.829	138	MS4-B22	21.793	172
MSO-B12	12.065	84	MS2-B18S	17.431	113	MS4-B24	23.825	182
MSO-B16	15.733	91	MS2-J0	6.350	94	MS4-J0	6.350	138
MSO-B18	17.780	99	MS2-J1	9.754	100	MS4-J1	9.754	143
MSO-B22	21.793	108	MS2-J2	14.199	105	MS4-J2	14.199	149
MSO-B24	23.825	118	MS2-J3	20.599	114	MS4-J3	20.599	158
MSO-J0	6.350	73	MS2-J4	28.550	125	MS4-J4	28.550	169
MSO-J3	20.599	93	MS2-J5	35.890	130	MS4-J5	35.890	174
MSO-J33	15.850	88	MS2-J6	17.170	108	MS4-J6	17.170	152
MS1-B10	10.094	86	MS2-J33	15.850	108	MS4-J33	15.850	152
MS1-B12	12.065	90	MS3-B10	10.094	120	MS5-B10	10.094	177
MS1-B16	15.733	97	MS3-B12	12.065	124	MS5-B12	12.065	181
MS1-B18	17.780	105	MS3-B16	15.733	131	MS5-B16	15.733	188
MS1-B22	21.793	114	MS3-B18	17.780	139	MS5-B18	17.780	196
MS1-B24	23.825	124	MS3-B22	21.793	147	MS5-B22	21.793	204
MS1-J0	6.350	79	MS2-B24	23.825	157	MS5-B24	23.835	214
MS1-J1	9.754	85	MS2-J0	6.350	113	MS5-J0	6.350	170
MS1-J2	14.199	90	MS3-J1	9.754	118	MS5-J1	9.754	175
MS1-J3	20.599	99	MS3-J2	14.199	124	MS5-J2	14.199	181
MS1-J4	28.550	110	MS3-J3	20.599	133	MS5-J3	20.599	190
MS1-J5	35.890	116	MS3-J4	28.550	144	MS5-J4	28.550	201
MS1-J6	17.170	94	MS3-J5	35.890	149	MS5-J5	35.890	206
MS1-J33	15.850	94	MS3-J6	17.170	127	MS5-J6	17.1770	184
MS2-B10	10.094	101	MS3-J33	15.850	127	MS5-J33	15.850	184
MS2-B12	12.065	105	MS4-B10	10.094	145	MS6-B16	15.733	250
MS2-B16	15.733	112	MS4-B12	12.065	149	MS6-J3	20.599	252
MS2-B18	17.780	120	MS4-B16	15.733	156	MS6-J6	17.170	246



环 DRIVE RING	扳手 SPANNER	螺钉 SCREW	刀杆直径 Dia of arbors
SK-00206-1	SD-K-00208-1	SK-00210-1	13
SK-00206-2	SD-K-00208-2	SK-00210-2	16
SK-00206-3	SD-K-00208-3	SK-00210-3	22
SK-00206-4	SD-K-00208-4	SK-00210-4	27
SK-00206-5	SD-K-00208-5	SK-00210-5	32
SK-00206-6	SD-K-00208-6	SK-00210-6	40
SK-00206-7	SD-K-00208-7	SK-00210-7	50
SK-00206-8	SD-K-00208-8	SK-00210-8	25.4

ZH-0066 固定顶尖 DEAD CENTER



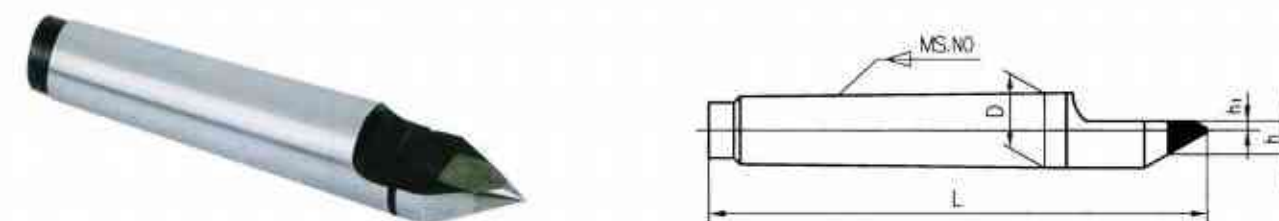
订单号 Order No.	MS.NO.	D mm	L mm	重量 Wt(kg)	精度 Accuracy(mm)
DG1	MS1	12.065	80	0.057	0.010
DG2	MS2	17.780	100	0.150	
DG3	MS3	23.825	125	0.334	
DG4	MS4	31.267	160	0.746	
DG5	MS5	44.399	200	1.862	
DG6	MS6	63.348	270	4.925	
DG7	MS7	83.061	360	8.620	

ZH-0067 半缺顶尖 HALF-NOTCHED CENTER



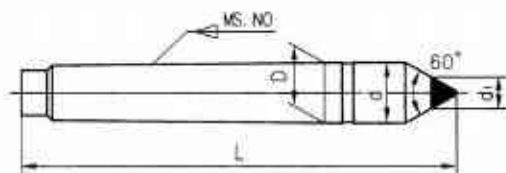
订单号 Order No.	MS.NO.	D mm	h mm	L mm	重量 Wt(kg)	精度 Accuracy(mm)
DH1	MS1	12.065	7.6	80	0.057	0.010
DH2	MS2	17.780	11	100	0.150	
DH3	MS3	23.825	15.05	125	0.334	
DH4	MS4	31.267	20.8	160	0.746	
DH5	MS5	44.399	29.35	200	1.862	
DH6	MS6	63.348	41.9	270	4.925	
DH7	MS7	83.061	53.78	360	8.620	

ZH-0068 硬质合金半缺顶尖 CARBIDE HALF-NOTCHED CENTER



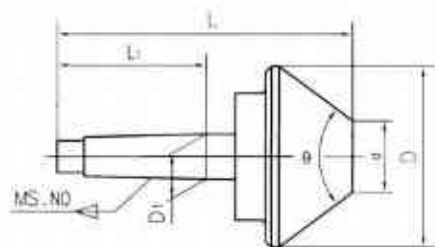
订单号 Order No.	MS.NO.	h1 mm	h mm	D mm	L mm	重量 Wt(kg)	精度 Accuracy(mm)
DHE1	MS1	1.5	5.5	12.065	80	0.06	0.010
DHE2	MS2	2	6	17.780	100	0.15	
DHE3	MS3	3	9	23.825	125	0.34	
DHE4	MS4	5	12.5	31.267	160	0.71	
DHE5	MS5	7	16	44.399	200	1.78	
DHE6	MS6	10	22	63.348	270	5.00	
DHE7	MS7	12	24	83.061	360	8.30	

ZH-0069 硬质合金顶尖 CARBIDE CENTER



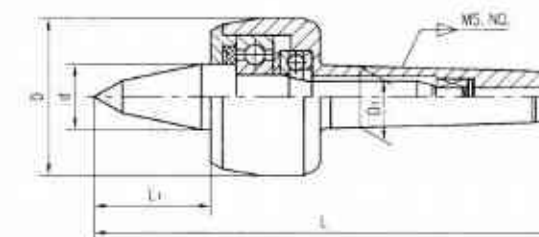
订单号 Order No.	MS.NO.	D mm	L mm	d mm	d1 mm	重量 Wt(kg)	精度 Accuracy(mm)
DE1	MS1	12.065	80	12.2	8	0.057	0.010
DE2	MS2	17.780	100	18	8	0.151	
DE3	MS3	23.825	125	24.1	12	0.335	
DE4	MS4	31.267	160	31.6	15	0.746	
DE5	MS5	44.399	200	44.7	18	1.826	
DE6	MS6	63.348	270	63.8	24	5.230	
DE7	MS7	83.061	360	83.555	24	9.190	

ZH-0070 伞形顶尖 BULL NOSE CENTER



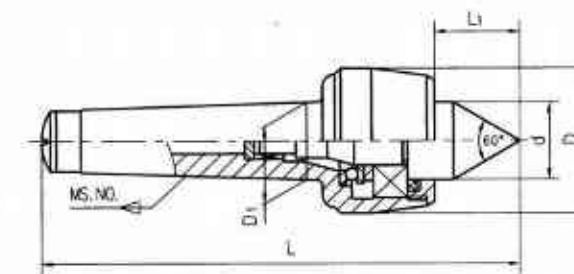
订单号 Order No.	MS.NO.	L	L1	D	D1	d	θ
DS2 × 60 (60°)	MS2	132	64	60	17.780	20	60°
DS2 × 61.9 (70°)	MS2	135	64	61.9	17.780	12.7	70°
DS3 × 76.2 (70°)	MS3	152	81	76.2	23.825	19	70°
DS3 × 100 (60°)	MS3	170	81	100	23.825	30	60°
DS3 × 100 (75°)	MS3	164	81	100	23.825	32	75°
DS4 × 160 (60°)	MS4	232	102.5	160	31.267	40	60°
DS4 × 160 (75°)	MS4	225	102.5	160	31.267	35	75°
DS5 × 200 (75°)	MS5	252	129.5	200	44.399	40	75°
DS5 × 250 (75°)	MS5	281	129.5	250	44.399	57	75°
DS6 × 200 (75°)	MS6	320	182	200	63.348	40	75°
DS6 × 250 (75°)	MS6	355	182	250	63.348	57	75°

ZH-0071 M11 型精密回转顶尖 PRECISION LIVE CENTER

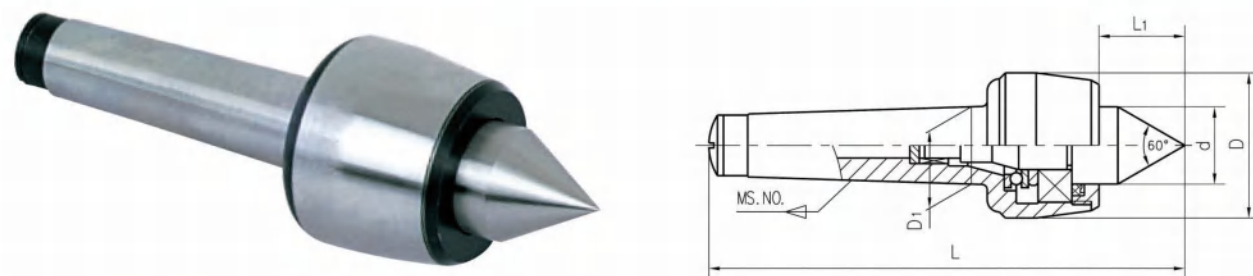


订单号 Order No.	MS.NO.	L mm	D mm	L1 mm	d mm	D1 mm	最大载荷 (kg) Max Load	极限转速 (rpm) Max Speed	精度 Accuracy(mm)
M11/101	MS1	124	36	27	15	12.065	80	7000	0.01
M11/102	MS2	139	45	34	20	17.780	140	7000	0.005
M11/106	MS3	176.5	60	47	25	23.825	400	5000	0.005
M11/108	MS4	217	70	53	32	31.267	500	3800	0.005
M11/110	MS5	273	90	65	40	44.399	1200	3000	0.005
M11/114	MS6	354.5	105	78	50	63.348	2500	2600	0.01

ZH-0072 精密轻型回转顶尖 PRECISION LIGHT-DUTY LIVE CENTER



ZH-0073 精密轻型回转顶尖 PRECISION LIGHT-DUTY LIVE CENTER



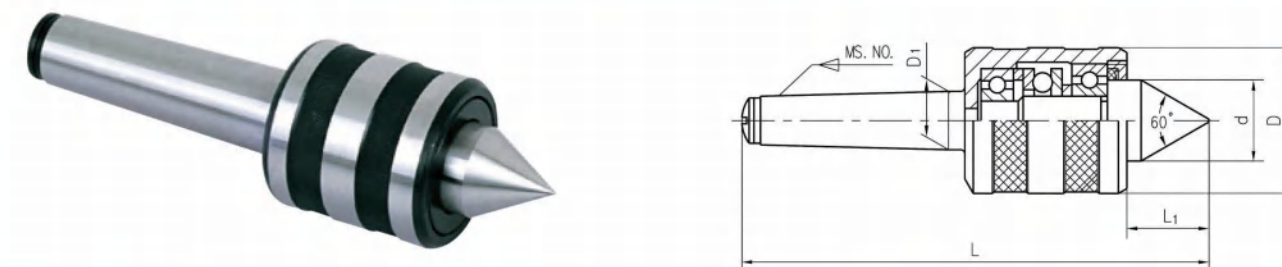
订单号 Order No.	MS. NO.	L mm	D mm	L1 mm	d mm	D1 mm	径向载荷(N) Max Radial Load	极限转速(rpm) Max Speed	精度(mm) Accuracy
DM311	MS1	115	34	20.3	18	12.065	320	5000	0.005
DM312	MS2	129.6	45	28.6	25	17.780	400	5000	0.006
DM313	MS3	160.2	52	32	28	23.825	800	4500	0.006
DM314	MS4	191.7	60	36.5	32	31.267	1250	3500	0.006
DM315	MS5	244.5	80	50.8	45	44.399	1500	3000	0.006
DM316	MS6	350	130	74.8	75	63.348	1800	2500	0.006
DM317	MS7	423.5	130	74.8	75	83.061	2200	2000	0.006

ZH-0074 604H 型精密回转顶尖 PRECISION LIVE CENTER



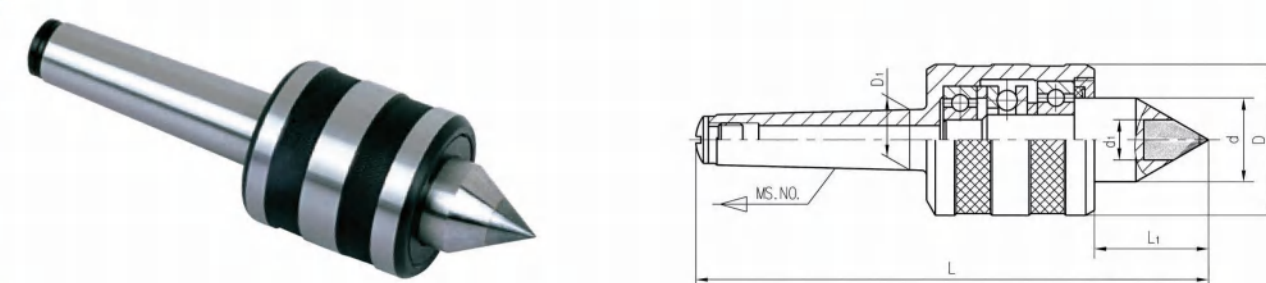
订单号 Order No.	MS. NO.	L mm	D mm	L1 mm	d mm	D1 mm	最大载荷(kg) Max Load	极限转速(rpm) Max Speed	精度(mm) Accuracy
604H/101	MS1	114	36	17	15	12.065	100	7000	0.010
604H/102	MS2	129	45	24	20	17.780	200	7000	0.005
604H/104	MS3	151.5	50	27.5	22	23.825	400	6300	0.005
604H/106	MS3	160.5	60	31	25	23.825	500	5000	0.005
604H/108	MS4	205	70	41	32	31.267	800	3800	0.005
604H/110	MS5	258.5	90	50.5	40	44.399	2000	3000	0.005
604H/114	MS6	334	105	57.5	50	63.348	3500	2600	0.010
604H/116	MS6	378	140	67	60	63.348	4500	1500	0.010
604H/116E	ME80	392	140	68	60	80	7500	1500	0.015

ZH-0075 中型回转顶尖 MEDIUM-DUTY LIVE CENTER



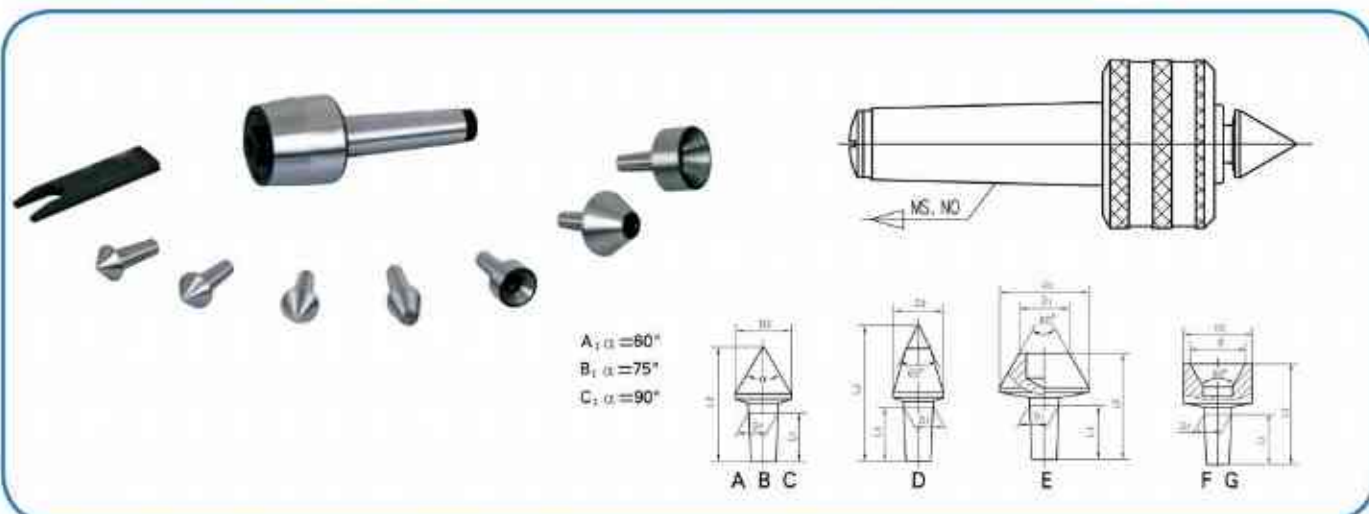
订单号 Order No.	MS. NO.	L mm	L1 mm	D mm	D1 mm	d mm	径向载荷(N) Max Radial Load	极限转速(rpm) Max Speed	重量 Wt(kg)	精度(mm) Accuracy
D411	MS1	115	20	34	12.065	18	900	5000	0.29	0.01
D412	MS2	145	26	45	17.780	25	1500	5000	0.70	0.01
D413	MS3	170	30	52	23.825	28	2000	4200	0.93	0.01
D414	MS4	205.7	34.7	60	31.267	32	3200	3200	1.70	0.01
D415	MS5	254	45	77	44.399	45	6300	2400	3.39	0.015
D416	MS6	362	68.5	125	63.348	75	10000	1600	12.00	0.015
D411L	MS1	125	30	34	12.065	18	900	5000	0.31	0.01
D412L	MS2	155	36	45	17.780	25	1500	5000	0.74	0.01
D413L	MS3	183	43	52	23.825	28	2000	4200	0.99	0.01
D414L	MS4	222	51	60	31.267	32	3200	3200	1.80	0.01
D415L	MS5	272	63	77	44.399	45	6300	2400	3.62	0.015
D416L	MS6	382	88.5	125	63.348	75	10000	1600	12.69	0.015

ZH-0076 硬质合金中型回转顶尖 CARBIDE MEDIUM-DUTY LIVE CENTER



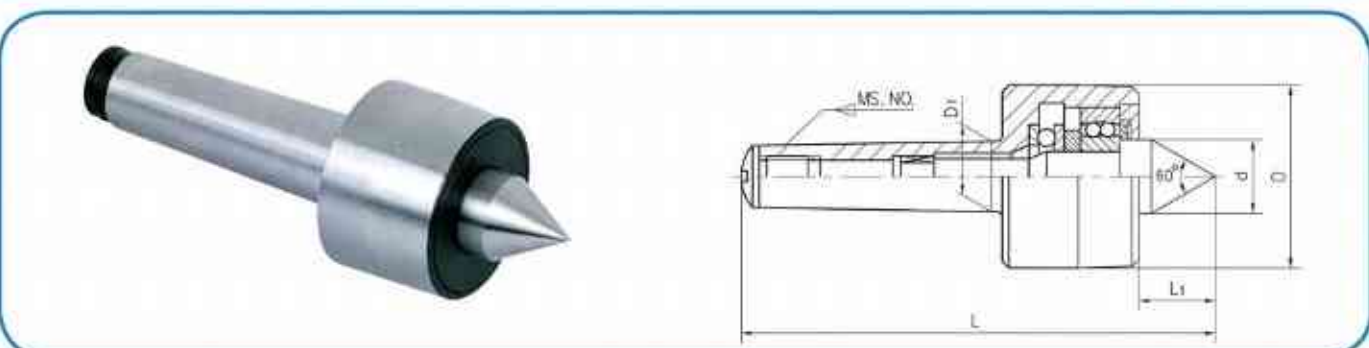
订单号 Order No.	MS. NO.	L mm	L1 mm	d mm	D mm	D1 mm	d1 mm	最大载荷(N) Max Load	极限转速(rpm) Max Speed	精度(mm) Accuracy
D412A	MS2	145	26	25	45	17.780	12	1500	5000	0.010
D413A	MS3	170	30	28	52	23.825	15	2000	4200	0.010
D414A	MS4	205.7	34.7	32	60	31.267	18	3200	3200	0.010
D415A	MS5	254	45	45	77	44.399	24	6300	2000	0.015
D416A	MS6	362	68.5	75	125	63.348	40	10000	1600	0.015

ZH-0077 插入式回转顶尖 MEDIUM-DUTY MULTI-PURPOSE LIVE CENTER



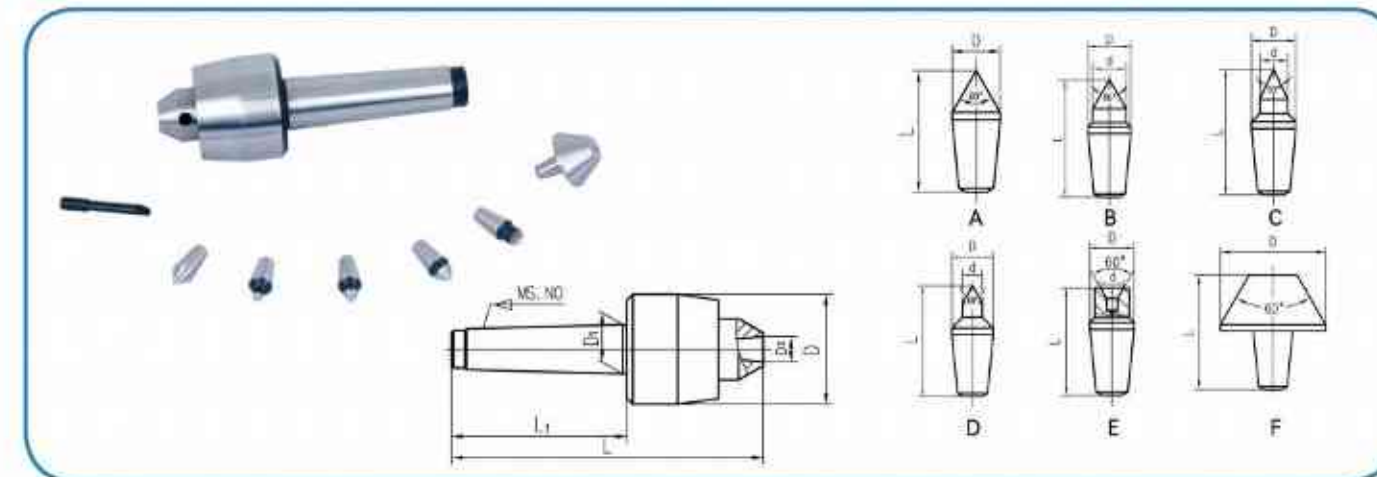
订单号 Order No.	MS. NO.	D ₁	L ₁	A		B		C		D		E		F		G		重量 Wt(kg)
				D ₂	L ₂	D ₂	L ₂	D ₂	L ₂	D ₂	L ₂	D ₂	L ₂	D ₂	L ₂	d		
D432	MS2	10	20	16	39	16	35.5	16	33	16	46	25	10	40	16	36	10	0.95
D433	MS3	12	24	20	48	20	43.5	20	40.5	18	56	35	15	50	22	42	18	1.87
D434	MS4	15	30	28	61.5	28	55.5	28	51.5	26	73	55	30	61.5	40	55	35	2.42
D435	MS5	20	40	36	80	36	72.45	36	66.8	36	101	70	41	78	60	81	50	4.12
D436	MS6	30	55	55	117	55	113	55	108	50	138	90	50	107.5	75	110	60	7.83

ZH-0078 精密重型回转顶尖 PRECISION HEAVY LIVE CENTER



订单号 Order No.	MS. NO.	L mm	D mm	L ₁ mm	d mm	D ₁ mm	径向载荷(N) Max Radial Load	极限转速(rpm) Max Speed	重量 Wt(kg)	精度(mm) Accuracy
DM511	MS1	109.6	38	18.5	16	12.065	1400	3600	0.29	0.008
DM512	MS2	128.5	48	24	22	17.780	3500	3400	0.39	0.01
DM513	MS3	156	58	28.5	25	23.825	5500	3200	1.09	0.01
DM514	MS4	192.5	68	31.5	28	31.267	8000	3000	1.69	0.01
DM515	MS5	245	90	45	41	44.399	10000	2500	4.00	0.012
DM516	MS6	342.5	130	64	63	63.348	15000	1500	11.61	0.015

ZH-0079 高速插入式回转顶尖 HIGH-SPEED MEDIUM-DUTY MULTI-PURPOSE LIVE CENTER



订单号 Order No.	MS, NO.	D mm	D ₁ mm	L ₁ mm	L mm
HD432	MS2	48	17.780	69	127
HD433	MS3	54	23.825	86	153
HD434	MS4	63	31.367	109	182
HD435	MS5	83	44.399	136	217

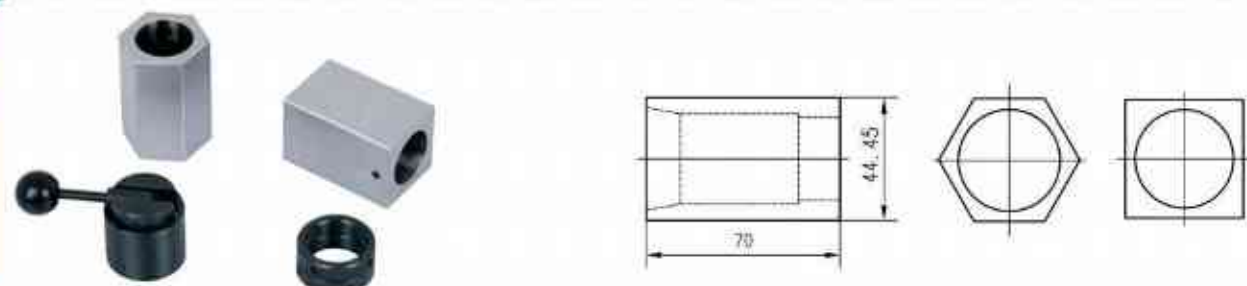
MS, NO.	A		B		d	C		d	D		d	E		d	F	
	L	D	L	D		L	D		L	D		L	D		L	D
2	26	10.2	28.5	10.2	8	29	10.2	6.5	27.5	10.2	5	25	10.2	5.3	30	28
3	32	12.75	35	12.75	10	36	12.75	8	34	12.75	6	31	12.75	6.7	37	34
4																
5	39	15.7	44	15.7	12	45	15.7	10	42	15.7	8	43	15.7	8.5	48	40

ZH-0080 中型回转顶尖(加长型) MEDIUM-DUTY LIVE CENTER(EXTENDED)



订单号 Order No.	MS, NO.	L ₁ mm	D mm	D ₁ mm	D ₂ mm	L mm	重量 Wt(kg)
D412B	MS2	28.5	40	17.780	18	141	0.84
D413B	MS3	36.5	45	23.825	22	168	0.91
D414B	MS4	36.5	45	31.267	22	190	1.62
D415B	MS5	62	78	44.399	40	267.5	3.43
D416B	MS6	75	102	63.348	50	346.5	11

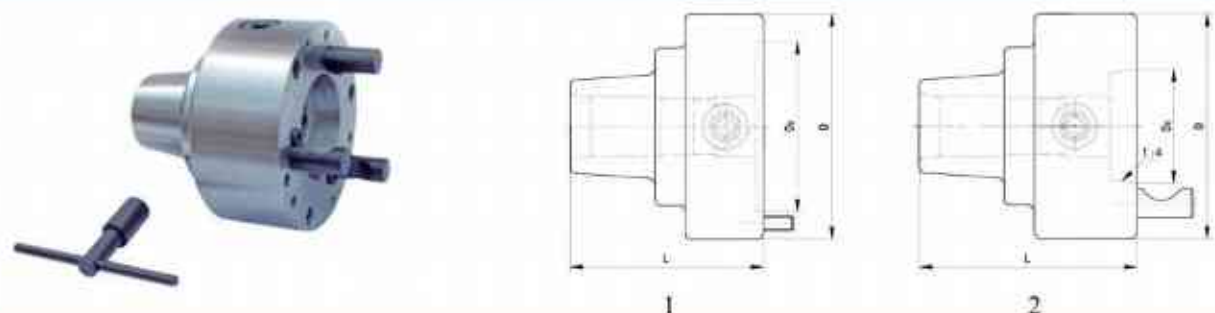
ZH-0081 5C 四六方套 5C COLLET BLOCK SET



主要技术参数 Main Technical Parameter	外形尺寸 Outer size(in)
夹头四方套 Square for 5C collets	1-3/4×1-3/4×2-3/4
夹头六方套 Hex for 5C collets	1-3/4×1-3/4×1-3/4×2-3/4
快速夹紧手柄 Quick acting lever collet closer	1-11/16×4
重量 Wt(kg)	1.41kg

采用木箱包装每套包括1件四方套、1件六方套、1件快速夹紧手柄和1件锁紧套
Complete set in wooden case consists of one square block, one hex block, one handle and one collet close

ZH-0082 3911-125 5C夹具 3911-125 5C FIXTURE



订单号 Order No.	D	D0	L	夹持范围 Clamping rang			示意图 Figure
				圆孔 Round	四方孔 Square	六方孔 Hex	
3911-125-5C	126	95	107				1
3911-125-D3	126	53.975	120.5				
3911-125-D4	126	63.513	120.5				
3911-125-D5	140	82.563	143.5				
3911-125-D6	165	106.375	143.5				
3911-125-D8	210	139.719	145.5				

该装置与5C夹头配合,可夹持不同直径的刀具或工件,可安装于车床、磨床及其它专用设备上,具有精度高,操作方便,使用安全,夹紧牢固等优点。

5C collet is fit for this device, which can clamp tool or workpiece with different diameter and figure. It can be fixed on lathe, grinder and other special equipment, with such features as high precision, easy operation, safe application, strong clamping, etc

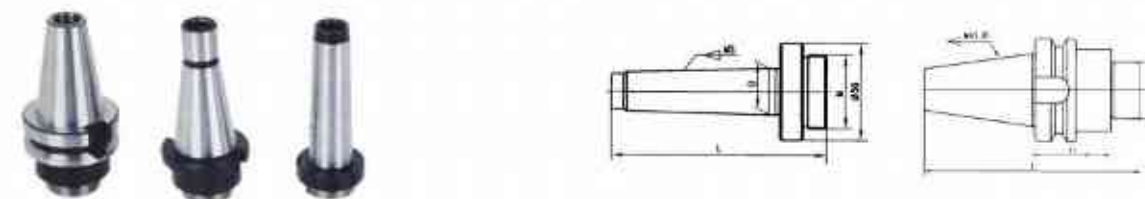
ZH-0083 F1 型镗头 TYPE F1 BORING HEADS



订单号 Order No.	D mm	H mm	最大位移 Max offset	刀杆直径d Boring bar dia	最小刻度值 Min graduation	镗削直径 Dia of Boring
F1-1/2	50	61.6	5/8"	1/2"	0.001"	3/8"-5"
F1-3/4	75	80.2	1"	3/4"	0.0005"	1/2"-9"
F1-1	100	93.2	1-5/8"	1"		5/8"-12.5"
F1-12	50	61.6	16mm	12mm	0.01mm	10-125mm
F1-18	75	80.2	25mm	18mm		12-225mm
F1-25	100	93.2	41mm	25mm		15-320mm

镗刀需特殊订购 The borer is to be purchased specially

ZH-0084 F1 型镗刀柄 F1 BORING SHANK

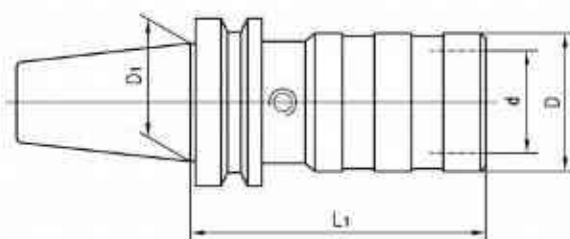


订单号 Order No.	柄部 Shank	L(mm)	螺纹M	订单号 Order No.	柄部 Shank	L(mm)	螺纹M
F1-MS2W	MS2	93		F1-ISO40	ISO40	135	
F1-MS2		108		F1-ISO50	ISO50	168	
F1-MS3W	MS3	110		F1-5/8	5/8"	97	
F1-MS3		128		F1-3/4	3/4"	112	
F1-MS4W	MS4	133		F1-7/8	7/8"	127	
F1-MS4		154		F1-1	1"	137	
F1-MS5W	MS5	160		F1-1-1/4	1-1/4"	167	
F1-MS5		186		F1-1-1/2	1-1/2"	197	
F1-MS6W	MS6	214		F1-1-3/4	1-3/4"	227	
F1-MS6		248		BT40×7/8"-20-45	BT40	122.4	
F1-R8	R8	132.5		DIN69871 A40×7/8"-20-40	DIN69871.40	120.4	
F1-ISO30	ISO30	102		CT40×7/8"-20-50	CT40	130	

ZH-0085 J45 型攻丝夹头 J45 TAPPING CHUCK

该夹头由主体和攻丝夹套两部分组成。主体具有前后螺距补偿装置。攻丝夹套有过载保护和不保护两种。过载保护夹头攻丝时，只要调节螺母，即可得到不同的打滑扭矩，防止丝锥折断，方便迅速。

This unit is consisted of chuck and tap collet. The chuck has installed compensating device for thread pitch. There are two different tap collets, one with overload protection and one without. When using the tap collet with overload protection, the protection device can automatically release to avoid tap-break. Just adjust nuts and you can get the different release torque quickly and conveniently.

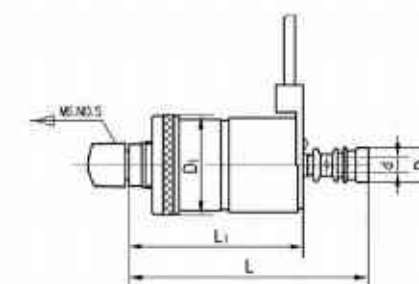


订单号 Order No.	柄部 Shank	攻丝范围 Tapping range	D(mm)	D1(mm)	d(mm)	L1(mm)
D30—12	DIN69871.30	M3—M12	36	31.75	19	70.1
D40—12	DIN69871.40			44.45		66.7
D50—12	DIN69871.50			69.85		66.7
B30—12	BT30			31.75		69.6
B40—12	BT40			44.45		74.6
B50—12	BT50			69.85		85.6
D30—20	DIN69871.30	M5—M20	56	31.75	31	89.6
D40—20	DIN69871.40			44.45		89.6
D50—20	DIN69871.50			69.85		89.6
B30—20	BT30			31.75		94.6
B40—20	BT40			44.45		97.5
B50—20	BT50			69.85		108.5
D30—36	DIN69871.30	M11—36	80	31.75	48	126.1
D40—36	DIN69871.40			44.45		146
D50—36	DIN69871.50			69.85		144
B30—36	BT30			31.75		129
B40—36	BT40			44.45		149
B50—36	BT50			69.85		160

ZH-0086 J46 型可逆攻丝夹头 REVERSIBLE TAPPING CHUCK

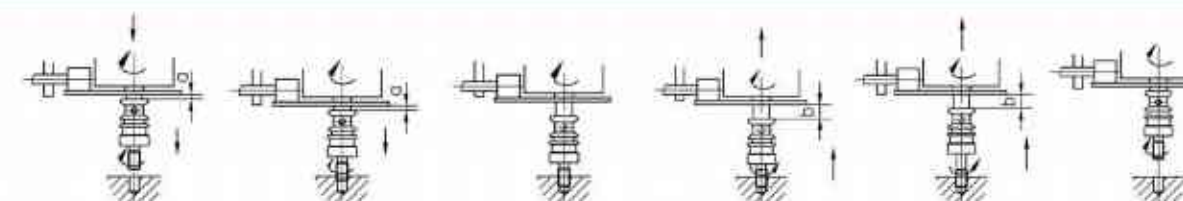
1. 过载保护
2. 扭矩可调
3. 具有可逆转装置，丝锥退回迅速不需要机床主轴反转
4. 操作简便

1. Overload protection
2. Adjustable torque
3. Reverse device; self-reversing without need for stopping and reversing the spindle, faster withdrawal
4. Simple operation



订单号 Order No.	攻丝范围 Tapping range	d	D	D1	L	L1	莫氏柄 MS. NO. S
J467	M2—M7	2.5—6.5	23	55	135	95	MS2—JT33 MS3—JT33
J4612	M5—M12	3.5—10	28	75	164	114.5	MS3—M16 MS4—M16
J4620	M8—M20	6.0—14	38	90.5	205	135	MS3—M20 MS4—M20

操作示意图 Operating figure



所配柔性夹头：RUBBER FLEX COLLETS for reversible tapping chuck



订单号 Order No.	D	d	L
J467—1	15	2.5—4.2	11
J467—2	15	4.2—6.5	11
J4612—1	21	3.5—7.0	13
J4612—2	21	7.0—10	13
J4620—1	26.5	6.0—9.0	15
J4620—2	26.5	9.0—14	15
J4620—3	26.9	12.7—19.05	12

柔性夹头J4620—3为特殊定制，需要时需注明。
J4620—3 rubber flex collet is to be purchased specially.

ZH-0087 快换刀架 QUICK CHANGE TOOL POSTS



快换刀架是普通车床的主要附件，由一个刀架和若干刀夹组成，根据加工工件的需要，选择相应刀夹，可进行车外圆，车端面、切槽、切断、滚花、钻铰孔、镗孔等加工。它实现了机外装刀，刀夹通过燕尾槽安装在刀架上，具有换刀迅速，定位精度高，刚性等特点，是一种替代传统四方刀架，实现快速车削的理想产品

The quick change tool post is a main accessory of the machine tool, it is consist of tool post and many kinds of tool holders, according to the processing requirements of the workpieces, corresponding tool holders are selected to finish cylindrical facing, end facing, cutting, drilling, reaming, boring as well as other processing. It realizes to mount tool outside the machine tool, it has exchange tool quickly, high precision, rigidity strong etc. It is satisfactory accessories in place of square turrets.

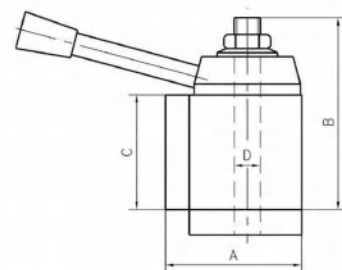
活塞式快换刀架套装：1个刀架、5个刀夹 Piston Type Tool Post Sets: 1 Tool Post, 5 Tool-holders

订单号 Order No.	套装包括 EACH SET INCLUDES	重量N.W/kg
250-100-00	250-100、250-101、250-102、250-104、250-107、250-110	5.00
250-200-00	250-200、250-201、250-202、250-204、250-207、250-210	7.85
250-300-00	250-300、250-301、250-302、250-304、250-307、250-310	11.33
250-400-00	250-400、250-401、250-402、250-404、250-407、250-410	20.76

楔式快换刀架套装：1个刀架、5个刀夹 Wedge type Tool Post Sets: 1 Tool Post, 5 Tool-holders

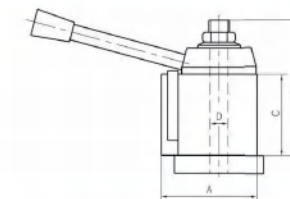
订单号 Order No.	套装包括 EACH SET INCLUDES	重量N.W/kg
250-111-00	250-111、250-101、250-102、250-104、250-107、250-110	5.00
250-222-00	250-222、250-201、250-202、250-204、250-207、250-210	7.85
250-333-00	250-333、250-301、250-302、250-304、250-307、250-310	11.33
250-444-00	250-444、250-401、250-402、250-404、250-407、250-410	20.76

ZH-0088 活塞式夹紧刀架 PISTON TYPE LOCKING TOOL POST



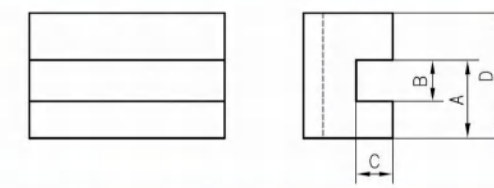
订单号 Order No.	A (in)	B (in)	C (in)	D (in)	回转直径 Swing dia (in)	重量 Wt (kg)
250-100	2-1/2	3-7/8	2-1/4	9/16	12	2.23
250-200	3	4-5/8	2-3/4	5/8	10-15	4.00
250-300	3-3/8	5-1/8	3	3/4	13-18	5.72
250-400	4	6-1/4	3-5/8	7/8	14-20	10.00

ZH-0089 楔式快换刀架 GIB TYPE TOOL POST



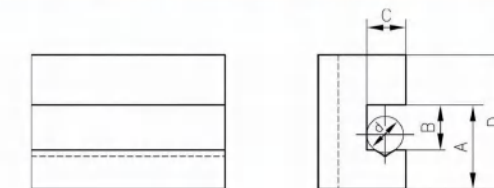
订单号 Order No.	A (in)	B (in)	C (in)	D (in)	回转直径 Swing dia (in)	重量 Wt (kg)
250-111	2-1/2	3-7/8	2-1/4	9/16	12	2.23
250-222	3	4-5/8	2-3/4	5/8	10-15	4.00
250-333	3-1/2	5-1/8	3	3/4	13-18	5.72
250-444	4	6-1/4	3-5/8	7/8	14-20	10.01

ZH-0090 车削刀夹 TURNING AND FACING HOLDER



订单号 Order No.	A (in)	B (in)	C (in)	D (in)	夹持刀柄范围 Tool bit range (in)	重量 Wt (kg)
250-101	1	1/2	29/64	1-1/2	3/16-1/2	0.40
250-201	1-1/8	5/8	1/2	1-3/4	1/4-5/8	0.70
250-301	1-7/16	3/4	5/8	2-1/8	1/2-3/4	1.11
250-401	1-23/32	1	3/4	2-1/2	1/2-1	1.75

ZH-0091 车镗削用刀夹 TURNING BORING AND FACING HOLDER

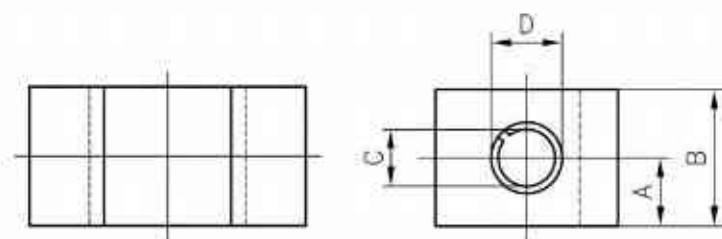


订单号 Order No.	A (in)	B (in)	C (in)	D (in)	夹持刀柄范围 Tool bit range (in)	重量 Wt (kg)
250-102	1	1/2	29/64	1-1/2	3/16-1/2	0.40
250-202	1-1/8	5/8	1/2	1-3/4	1/4-5/8	0.70
250-302	1-7/16	3/4	5/8	2-1/8	1/2-3/4	1.11
250-402	1-23/32	1	3/4	2-1/2	1/2-1	1.75

V型槽用来夹持圆柄镗杆及刀具，也可装方体车刀，进行端面、外圆、镗孔等切削加工

V groove hold round shank boring bars and tools as well as square tool bits to machine end face, external, cutting, boring etc.

ZH-0092 强力镗削刀夹 HEAVY DUTY BORING BAR HOLDER

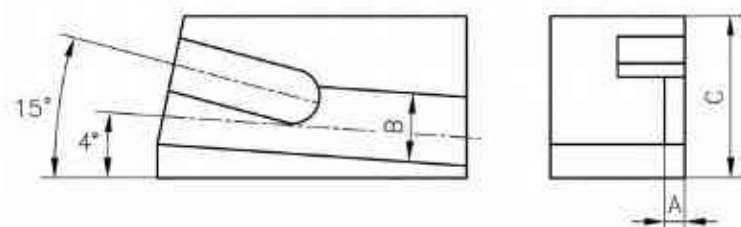


订单号 Order No.	A(in)	B(in)	C(in)	D(in)	重量 Wt(kg)
250-104	3/4	1-1/2	5/8	3/4	0.90
250-204	7/8	1-3/4	3/4	1	1.52
250-304	1	2	3/4	1	2.16
250-404	1-1/4	2-1/2	1	1-1/4	3.47
250-141	7/8	1-3/4	3/4	1	1.35
250-241	1	2	1	1-1/4	2.12
250-341	1-1/8	2-1/4	1	1-1/4	3.05
250-441	1-3/8	2-3/4	1-1/4	1-1/2	4.35

采用直柄钻头和圆柄刀具，可进行钻孔、扩孔、镗孔等切削加工；通过胀套，可调整镗杆的直径；刚性好，切削时不发生颤动。

Use straight shank drilling and reaming, boring etc. Equipped with a split bushing to accommodate a boring bar of small diameter. It grips with extreme rigidity. Cuts smoothly without chatter.

ZH-0093 切断刀夹 UNIVERSAL PARTING BLADE TOOL HOLDER

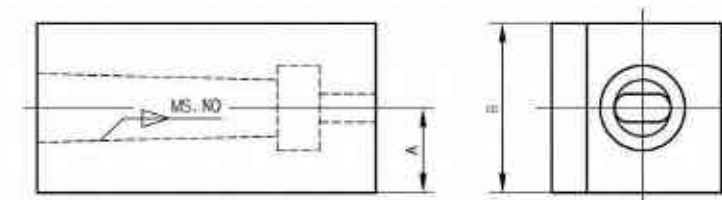


订单号 Order No.	A(in)	B(in)	C(in)	刀片高度 Blade height(in)	重量 Wt(kg)
250-107	3/16	1/2	1-1/2	1/2	0.53
250-207	3/16	11/16	1-3/4	11/16	0.90
250-307	3/16	3/4	2	3/4	1.20
250-407	1/4	7/8	2-1/2	7/8	1.82

装方体车刀进行切槽，切断等加工

Use square tool to make slot cut off etc.

ZH-0094 钻削莫氏锥孔刀夹 MORSE TAPER HOLDER FOR DRILLING

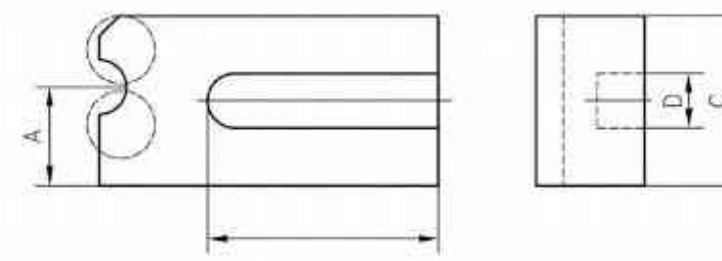


订单号 Order No.	A(in)	B(in)	莫氏锥号 MS.NO	重量 Wt(kg)
250-105	3/4	1-1/2	MS2	0.90
250-205	7/8	1-3/4	MS2	1.40
250-305	1	2	MS3	2.30
250-405	1-1/4	2-1/2	MS3	3.00
250-153	7/8	1-1/2	MS3	1.00
250-253	1	1-3/4	MS3	1.43
250-354	1-1/16	2-1/8	MS4	2.45
250-454	1-1/4	2-1/2	MS4	3.30

该刀夹可代替尾座夹持锥度钻头进行钻削加工

Drills with carriage by using power feed instead of tail stock easily centered or morse taper drills

ZH-0095 滚花车削用刀夹 KNURNING & FACING HOLDER



订单号 Order No.	A(in)	B(in)	C(in)	夹持范围 Clamping range(in)	夹持刀柄范围 Tool bit range(in)	重量 Wt(kg)
250-110	7/8	2-1/2	1-9/16	3/16-1/2	3/4×3/8×1/4	0.48
250-210	1	2-5/8	1-3/4	1/4-5/8		0.85
250-310	1-3/16	3-1/8	2	1/2-3/4		1.15
250-410	1-7/16	3-3/4	2-1/2	1/2-1		1.95

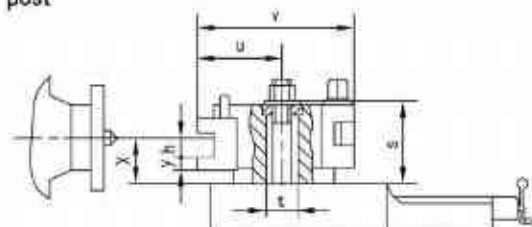
此刀夹可用来滚花，如装上方体车刀，可进行端面，镗孔等切削加工

It may be used for knurning, if square tool is used, it may process end face, extered cutting, boring etc.

ZH-0096 齿式快换刀架及刀夹 40-POSITION QUICK CHANGE TOOL POST AND TOOL HOLDERS

1. Cam-lock handle rigidity locks & quickly releases tool holder
2. Correct height of cutting edge is easily & accurately adjusted by special set screws
3. Tools can be reground without removal form tool holder setting remains unaltered
4. 40 different angles (every 9°) are conveniently selected from position dials with marker
5. Holders are interchangeable with most other brand 40 position tool post

1. 凸轮锁紧手柄能牢固锁紧和快速松开刀夹，操作简便
2. 专用螺钉调整切削刃高度
3. 刀具可在不移动刀夹及调整套装装置的前提下重复磨削
4. 40个不同角度（每9°一工位）可从刻线上方读出
5. 可与其它品牌的40工位快换刀架及刀夹互换



mm

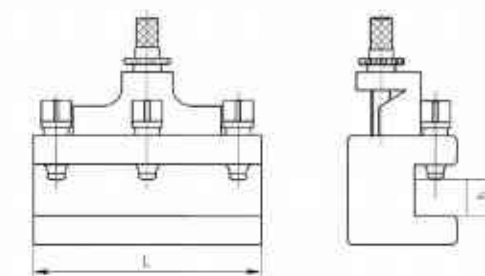
订单号 Order No.	回转直径 Lathe Swing	Xmin	Xmax	y	h	v	s	u	t
Aa	120-220	18	26	6	12	62.5	37	33.75	13
A	150-300	25.5	36.5	9.5	16	104	55	52.4	20
		29.5	40.5		20				
E	200-400	29	40	9	20	132	68	65.3	20
		34	43		25				
B	300-500	38	58	13	25	152	77	75	32
		46	57	14	32				
C	400-700	47	88	15	32	191	107	92	40
		55	92	15	40	202		102	
		63	91	18	45	202		102	

标准5件套 5-PIECE SET



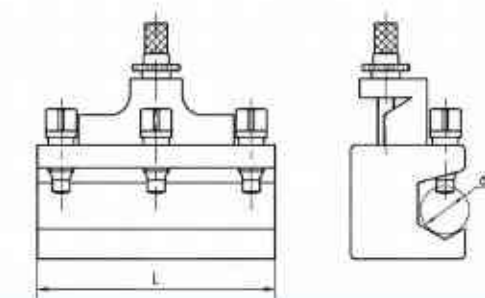
订单号 Order No.	套装包括 EACH SET INCLUDES	重量N.W/kg
Aa-00	1Pcs Aa, 3Pcs AaD12X50 and 1pcs AaH12X50	1.13
A-00	1Pcs A, 3Pcs AD20X90 and 1pcs AH20X90	3.60
E-00	1Pcs E, 3Pcs ED20X100 and 1pcs EH30X100	7.50
B-00	1Pcs B, 3Pcs BD25X120 and 1pcs BH32X130	11.80
C-00	1Pcs C, 3Pcs CD32X150 and 1pcs CH40X160	23.70

ZH-0097 车削用刀夹 TURNING AND FACING TOOL HOLDER



订单号 Order No.	h(mm)	L(mm)	订单号 Order No.	h(mm)	L(mm)
AaD12X50	12	50	BD25X140	25	140
AD16X75	16	75	BD32X120	32	120
AD16X90	16	90	BD32X140	32	140
AD20X75	20	75	CD32X150	32	150
AD20X90	20	90	CD32X170	32	170
ED20X100	20	100	CD40X150	40	150
ED25X100	25	100	CD40X170	40	170
BD25X120	25	120	CD45X170	45	170

ZH-0098 车镗削用刀夹 TURNING FACING AND BORING HOLDER

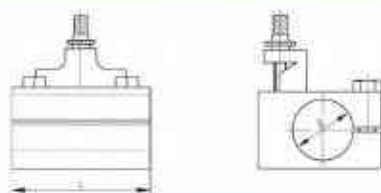


订单号 Order No.	dmax(mm)	L(mm)
AaH12X50	12	50
AH20X90	20	90
EH30X100	30	100
BH30X130	30	130
BH32X130	32	130
CH35X150	35	150
CH40X160	40	160

V 型槽用来夹持圆柄镗杆及刀具，也可装方体车刀，进行端面、外圆、镗孔等切削加工

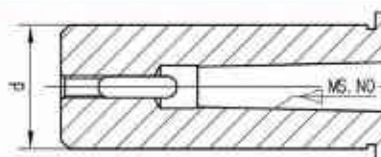
V groove hold round shank boring bars and tools as well as square tool bits to machine end face, external, cutting, boring etc.

ZH-0099 强力钻镗用刀夹 HEAVY DUTY DRILLING AND BORING TOOL HOLDER



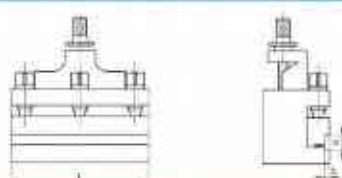
订单号 Order No.	镗刀杆D(mm) Boring Bar Dia	L(mm)	订单号 Order No.	镗刀杆D(mm) Boring Bar Dia	L(mm)
AaJ15X50	15	50	BJ40X120	40	120
AJ30X80	30	80	CJ40X160	40	160
EJ30X100	30	100	CJ50X160	50	160
EJ40X100	40	100			

ZH-0100 强力钻镗刀夹用莫氏套筒 MS BUSHINGS FOR BORING TOOL HOLDER



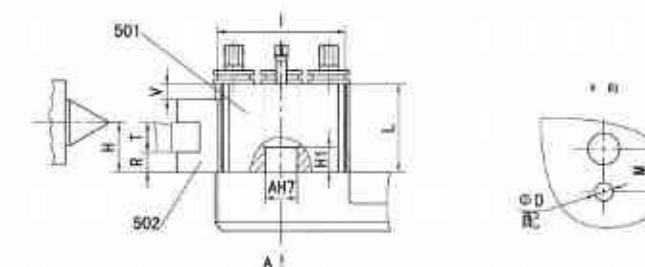
订单号 Order No.	d	MS.NO.	适用刀架型号 Type of tool post
AL-1-30	30	MS1	A, E
AL-2-30	30	MS2	A, E
BL-1-40	40	MS1	B
BL-2-40	40	MS2	B
BL-3-40	40	MS3	B, C, E
BL-4-40	40	MS4	B, C, E
CL-3-50	50	MS3	C
CL-4-50	50	MS4	C
CL-5-50	50	MS5	C

ZH-0101 切断刀夹 CUTTING OFF TOOL HOLDER



订单号 Order No.	bXh(mm)	L(mm)	订单号 Order No.	bXh(mm)	L(mm)
AT-K3X10X75	3X10	75	BT-K4X16X120	4X16	120
ET-K4X16X100	4X16	100	CT-K5X20X150	5X20	150

ZH-0102 意式快换刀架 QUICK CHANGE TOOL POST (ITALY STYLE)



订单号 Order No.	回转直径 Lathe swing	I	AH7	H		L	R	T max	z	Φmax	Morse No.	ΦD	M	H1
M	180-250	57.7	18	24	34	45	8	16	56	14	1	7	27	18
AR-AP	250-300	64.5	18	25	41	56	9	16	63	16	1	8	30	16
A	250-350	82.0	24	32	42	60	12	20	75	18	2	10	35	20
BR-BP	300-380	91.6	28	38	53	75	13	25	90	20	3	10	40	20
B	350-500	100.0	30	47	65	85	15	32	100	24	3	12	48.2	25
C	500-650	115.3	38	51	72	94	19	32	108	26	4	14	58.2	26
D	650-1200	133	42	61	95	120	21	40	139	35	5	14	65	40

5件套装, 包括1个刀架, 4个刀夹

5-PIECE SETS (1 Tool post, 3 Tool-holders of flat section, 1 Tool-holder with V-seat for round tools)

订单号 Order No.	套装包括 EACH SET INCLUDES	重量 N.W./kg
M	1PCS 501-M, 3PCS 502-M AND 1 PCS 503-M	2.89
AR-AP	1PCS 501-AR-AP, 3PCS 502-AR-AP AND 1 PCS 503-AR-AP	4.29
A	1PCS 501-A, 3PCS 502-A AND 1 PCS 503-A	8.9
BR-BP	1PCS 501-BR-BP, 3PCS 502-BR-BP AND 1 PCS 503-BR-BP	12.89
B	1PCS 501-B, 3PCS 502-B AND 1 PCS 503-B	17.26
C	1PCS 501-C, 3PCS 502-C AND 1 PCS 503-C	22.55
D	1PCS 501-D, 3PCS 502-D AND 1 PCS 503-D	44.75

ZH-0103 QUICK CHANGE TOOL POST(意式刀架体)



订单号 Order No.	中心高 Centre Height	订单号 Order No.	中心高 Centre Height
501-M	120	501-B	230
501-AR-AP	140	501-C	280
501-A	170	501-D	350
501-BR-BP	200		

ZH-0104 车削用刀夹 TURNING & FACING HOLDER



订单号 Order No.	最大刀杆尺寸 Max Square and Rectangular Tools
502-M	16
502-AR-AP	16
502-A	20
502-BR-BP	25
502-B	32
502-C	32
502-D	40

ZH-0105 车镗削用刀夹 TURNING BORING AND FACING HOLDER



订单号 Order No.	最大夹持直径 Max Holding Dia.
503-M	14
503-AR-AP	16
503-A	18
503-BR-BP	20
503-B	24
503-C	26
503-D	35

ZH-0106 莫氏锥孔刀夹 MORSE TAPER HOLDER FOR DRILLING



订单号 Order No.	莫氏锥孔 Morse Taper
504-M	MT1
504-AR-AP	MT1
504-A	MT2
504-BR-BP	MT3
504-B	MT3
504-C	MT4
504-D	MT5

ZH-0107 强力钻镗用刀夹 HEAVY DRILLING AND BORING HOLDER



订单号 Order No.	最大夹持直径 Max Holding Dia.
540-M	18
540-AR-AP	20
540-A	25
540-BR-BP	32
540-B	40
540-C	50
540-D	60

ZH-0108 切断刀夹 TOOL HOLDER FOR PARTING BLADES



订单号 Order No.	刀片 Parting blade
540-M	15X4X3
550-AR-AP	18X4X3
550-A	20X6X5
550-BR-BP	20X6X5
550-B	25X6X5
550-C	30X6X5
550-D	35X8X7

ZH-0109 KDK型快换刀架 QUICK CHANGE TOOL POSTS



订单号 Order No.	回转直径 Lathe Swing (in)	中心高 Center Ht. (in)
KDK100	12~16	≥1.0
KDK150	15~18	≥1.25

ZH-0110 KDK型车削刀夹 TURNING AND FACING TOOL HODLER



订单号 Order No.	夹刀尺寸 Tool Capacity (in)	适用刀架 Suitable Tool Post
KDK-101	1/2	KDK100
KDK-151	5/8	KDK150

ZH-0111 KDK型螺纹车削刀夹 THREADING AND FACING TOOL HODLER



订单号 Order No.	夹刀尺寸 Tool Capacity (in)	适用刀架 Suitable Tool Post
KDK-102	1/2	KDK100
KDK-152	5/8	KDK150

ZH-0112 KDK型加长车削刀夹 EXTENSION TURNING TOOL HODLER



订单号 Order No.	夹刀尺寸 Tool Capacity (in)	适用刀架 Suitable Tool Post
KDK-103	1/2	KDK100
KDK-153	5/8	KDK150

ZH-0113 KDK型切断刀夹 PARTING AND TURNING BAR TOOL HODLER



订单号 Order No.	夹刀尺寸 Tool Capacity (in)	适用刀架 Suitable Tool Post
KDK-104	1/8X11/16	KDK100
KDK-154	1/8X7/8	KDK150

ZH-0114 KDK型镗削刀夹 MASTER BORING BAR TOOL HODLER



订单号 Order No.	夹刀尺寸 Tool Capacity (in)	适用刀架 Suitable Tool Post
KDK-105	1	KDK100
KDK-155	1-1/4	KDK150

ZH-0115 KDK型5C夹头刀夹 MASTER BORING BAR TOOL HODLER



订单号 Order No.	夹刀尺寸 Tool Capacity (in)	适用刀架 Suitable Tool Post
KDK-119	≤1-1/8	KDK100、150

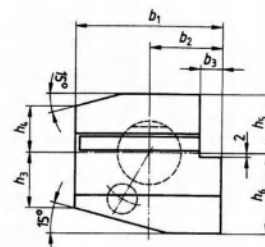
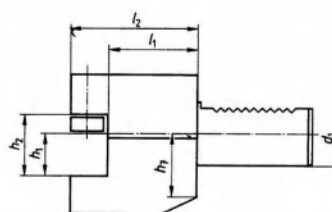
DIN69880数控刀夹 NC TOOL HOLDER

本产品为数控车床、车削加工中心等必备附件，严格按照德国DIN69880标准生产，具有结构先进、制造精度高、使用方便和互换性强等优点。可选用不同类型规格的刀夹配置，在数控机床上进行车、钻、镗、铣等加工。

It is essential machine tool accessories for working center of CNC machine. We produce according to German DIN69880 standard, it feature developed structure, high accuracy, convenient and alternative etc. It can satisfy the needs of turning, drilling, boring and milling etc. With various tool holders and allocate different types tool and accessory.

ZH-0116 B1型径向右刀夹 TYPE B1 TOOL HOLDER

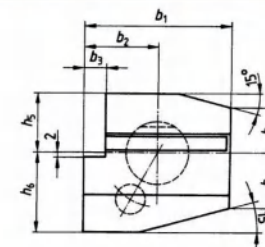
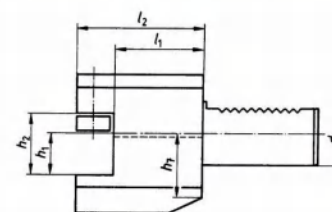
with square crossholding fixture right, short



订单号 Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h7	l1	l2
B1-20X16X30	20	55	30	7	16	22	19	19	25	30	23	16	30
B1-30X20X40	30	70	35	10	20	29	26	22	28	38	30	22	40
B1-40X25X44	40	85	42.5	12.5	25	34	35	30	32.5	48	—	22	44
B1-50X32X55	50	100	50	16	32	41	42	35	35	60	—	30	55
B1-60X32X60	60	125	62.5	16	32	41	46	42.5	42.5	62.5	—	30	60

ZH-0117 B2型径向左刀夹 TYPE B2 TOOL HOLDER

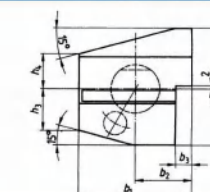
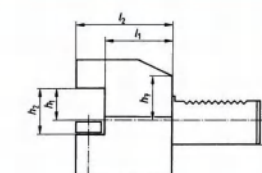
with square crossholding fixture left, short



订单号 Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h7	l1	l2
B2-20X16X30	20	55	30	7	16	22	19	19	25	30	23	16	30
B2-30X20X40	30	70	35	10	20	29	26	22	28	38	30	22	40
B2-40X25X44	40	85	42.5	12.5	25	34	35	30	32.5	48	—	22	44
B2-50X32X55	50	100	50	16	32	41	42	35	35	60	—	30	55
B2-60X32X60	60	125	62.5	16	32	41	46	42.5	42.5	62.5	—	30	60

ZH-0118 B3型径向右刀夹 (刀具反装) TYPE B3 TOOL HOLDER

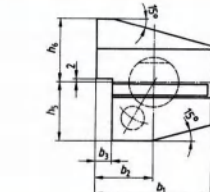
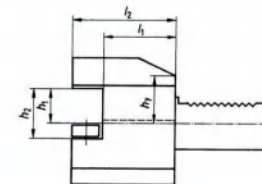
with square crossholding fixture overhead right, short



订单号 Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h7	l1	l2
B3-20X16X30	20	55	30	7	16	22	19	19	25	30	23	16	30
B3-30X20X40	30	70	35	10	20	29	26	22	35	38	28	22	40
B3-40X25X44	40	85	42.5	12.5	25	34	35	30	42.5	48	—	22	44
B3-50X32X55	50	100	50	16	32	41	42	35	50	60	—	30	55
B3-60X32X60	60	125	62.5	16	32	41	46	42.5	62.5	62.5	—	30	60

ZH-0119 B4型径向左刀夹 (刀具反装) TYPE B4 TOOL HOLDER

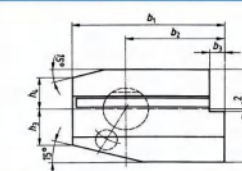
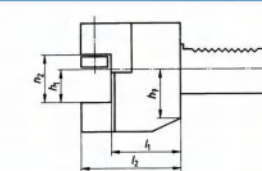
with square crossholding fixture overhead left, short



订单号 Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h7	l1	l2
B4-20X16X30	20	55	30	7	16	22	19	19	25	30	23	16	30
B4-30X20X40	30	70	35	10	20	29	26	22	35	38	28	22	40
B4-40X25X44	40	85	42.5	12.5	25	34	35	30	42.5	48	—	22	44
B4-50X32X55	50	100	50	16	32	41	42	35	50	60	—	30	55
B4-60X32X60	60	125	62.5	16	32	41	46	42.5	62.5	62.5	—	30	60

ZH-0120 B5型径向右刀夹 (加长型) TYPE B5 TOOL HOLDER

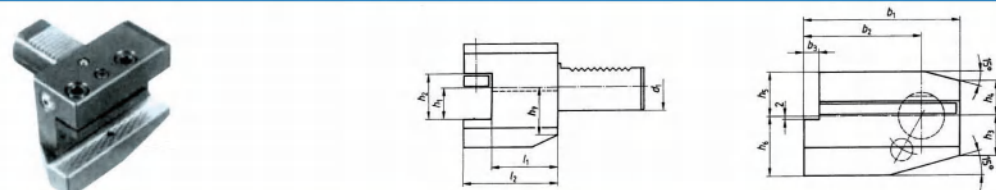
with square crossholding fixture right, long



订单号 Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h7	l1	l2
B5-20X16X30	20	75	50	7	16	22	19	19	25	30	23	16	30
B5-30X20X40	30	100	65	10	20	29	26	22	28	38	30	22	40
B5-40X25X44	40	118	75.5	12.5	25	34	35	30	32.5	48	—	22	44
B5-50X32X55	50	130	80	16	32	41	42	35	35	60	—	30	55
B5-60X32X60	60	145	82.5	16	32	41	46	42.5	42.5	62.5	—	30	60

ZH-0121 B6型径向左刀夹 (加长型) TYPE B6 TOOL HOLDER

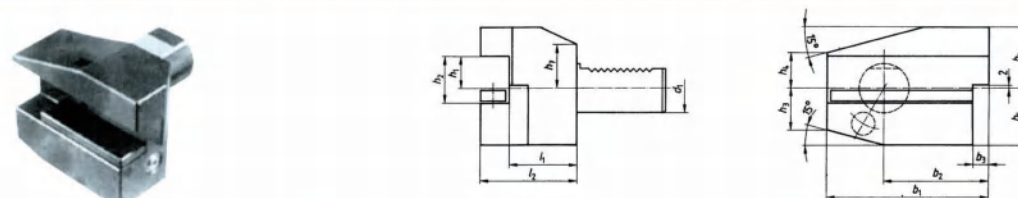
with square crossholding fixture left, long



订单号 Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h7	l1	l2
B6-20X16X30	20	75	50	7	16	22	19	19	25	30	23	16	30
B6-30X20X40	30	100	65	10	20	29	26	22	28	38	30	22	40
B6-40X25X44	40	118	75.5	12.5	25	34	35	30	32.5	48	—	22	44
B6-50X32X55	50	130	80	16	32	41	42	35	35	60	—	30	55
B6-60X32X60	60	145	82.5	16	32	41	46	42.5	42.5	62.5	—	30	60

ZH-0122 B7型径向右刀夹(加长型、刀具反装)TYPE B7 TOOL HOLDER

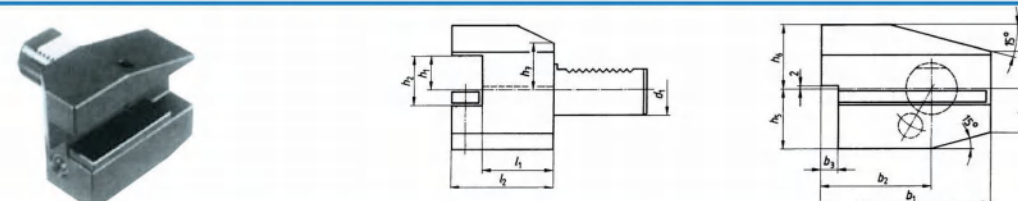
with square crossholding fixture overhead right, long



订单号 Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h7	l1	l2
B7-20X16X30	20	75	50	7	16	22	19	19	25	30	23	16	30
B7-30X20X40	30	100	65	10	20	29	26	22	28	38	30	22	40
B7-40X25X44	40	118	75.5	12.5	25	34	35	30	32.5	48	—	22	44
B7-50X32X55	50	130	80	16	32	41	42	35	35	60	—	30	55
B7-60X32X60	60	145	82.5	16	32	41	46	42.5	42.5	62.5	—	30	60

ZH-0123 B8型径向左刀夹(加长型、刀具反装)TYPE B8 TOOL HOLDER

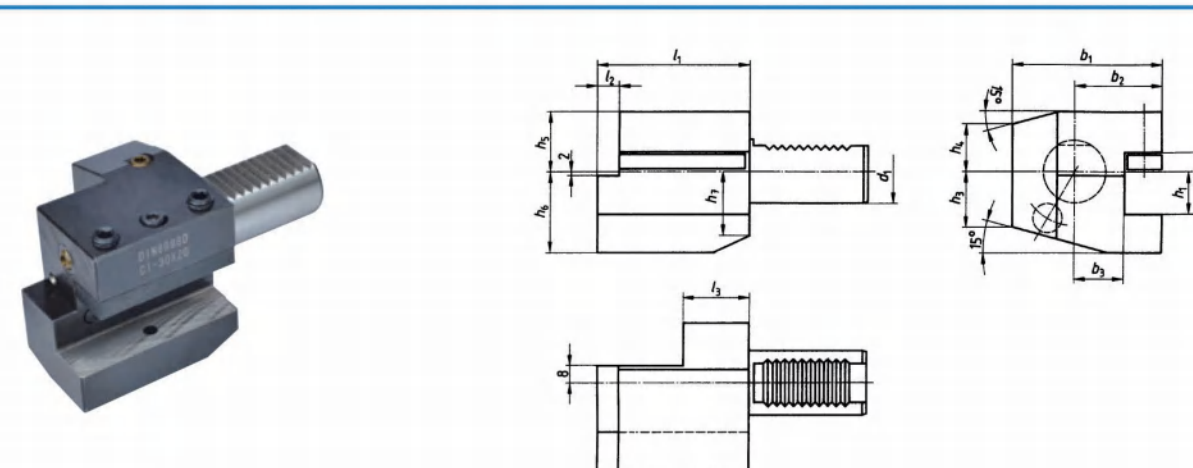
with square crossholding fixture overhead left, long



订单号 Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h7	l1	l2
B8-20X16X30	20	75	50	7	16	22	19	19	25	30	23	16	30
B8-30X20X40	30	100	65	10	20	29	26	22	28	38	30	22	40
B8-40X25X44	40	118	75.5	12.5	25	34	35	30	32.5	48	—	22	44
B8-50X32X55	50	130	80	16	32	41	42	35	35	60	—	30	55
B8-60X32X60	60	145	82.5	16	32	41	46	42.5	42.5	62.5	—	30	60

ZH-0124 C1型轴向右刀夹 TYPE C1 TOOL HOLDER

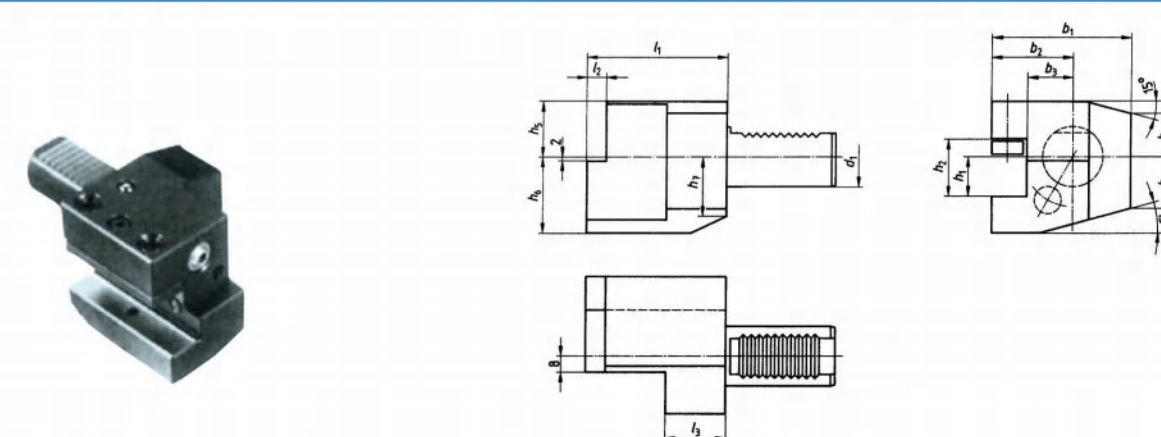
with longitudinal square holding fixture, right



订单号 Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h7	l1	l2	l3
C1-20X16	20	65	40	26	16	22	19	19	25	30	23	50	—	30
C1-30X20	30	70	35	17	20	29	26	22	28	38	30	70	10	30
C1-40X25	40	85	42.5	21	25	34	35	30	32.5	48	—	85	12.5	30
C1-50X32	50	100	50	26	32	41	42	35	35	60	—	100	16	40
C1-60X32	60	125	62.5	33	32	41	46	42.5	42.5	62.5	—	125	16	40

ZH-0125 C2型轴向左刀夹 TYPE C2 TOOL HOLDER

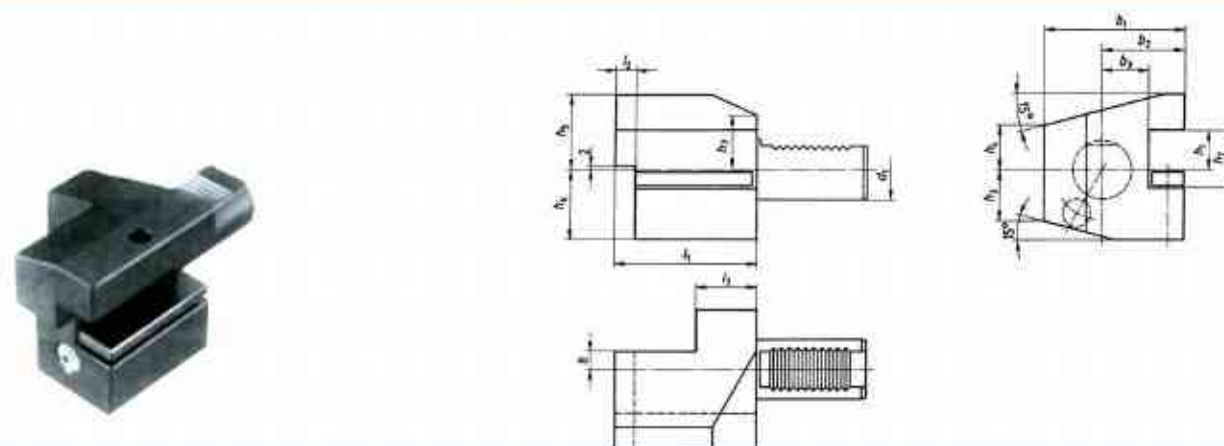
with longitudinal square holding fixture, left



订单号 Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h7	l1	l2	l3
C2-20X16	20	65	40	26	16	22	19	19	25	30	23	50	—	30
C2-30X20	30	76	41	23	20	29	26	22	28	38	30	70	10	30
C2-40X25	40	90	47.5	25.5	25	34	35	30	32.5	48	—	85	12.5	30
C2-50X32	50	105	55	30.5	32	41	42	35	35	60	—	100	16	40
C2-60X32	60	125	62.5	33	32	41	46	42.5	42.5	62.5	—	125	16	40

ZH-0126 C3型轴向右刀夹 (刀具反装) TYPE C3 TOOL HOLDER

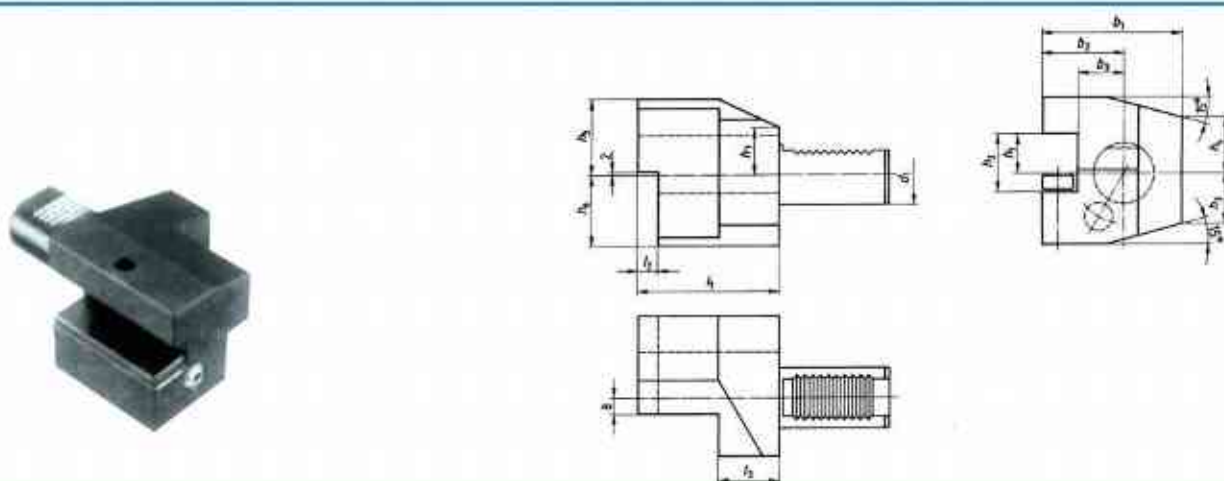
with longitudinal square holding fixture overhead, right



订单号 Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h7	l1	l2	l3
C3-20X16	20	65	40	26	16	22	19	19	30	25	23	50	—	30
C3-30X20	30	70	35	17	20	29	26	22	38	35	28	70	10	30
C3-40X25	40	85	42.5	21	25	34	35	30	48	42.5	—	85	12.5	30
C3-50X32	50	100	50	26	32	41	42	35	60	50	—	100	16	40
C3-60X32	60	125	62.5	33	32	41	46	42.5	62.5	62.5	—	125	16	40

ZH-0127 C4型轴向左刀夹 (刀具反装) TYPE C4 TOOL HOLDER

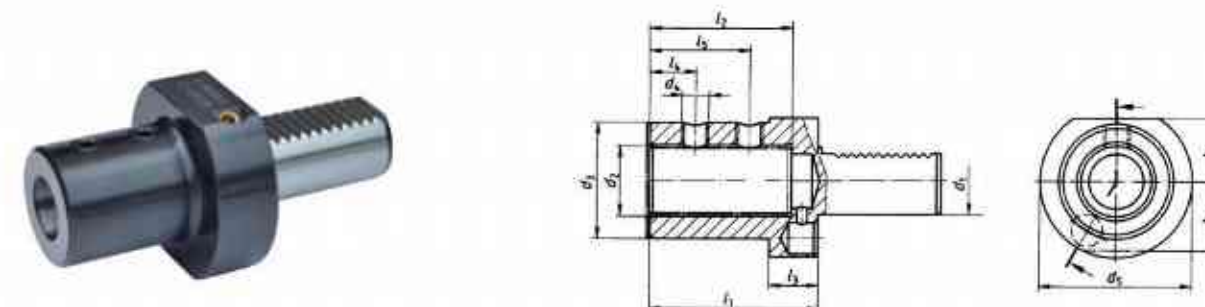
with longitudinal square holding fixture overhead, left



订单号 Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h7	l1	l2	l3
C4-20X16	20	65	40	26	16	22	19	19	25	30	23	55	—	30
C4-30X20	30	76	41	23	20	29	26	22	28	38	28	70	10	30
C4-40X25	40	90	47.5	25.5	25	34	35	30	32.5	48	—	85	12.5	30
C4-50X32	50	105	55	30.5	32	41	42	35	35	60	—	100	16	40
C4-60X32	60	125	62.5	33	32	41	46	42.5	42.5	62.5	—	125	16	40

ZH-0128 E1型圆柱孔刀夹 (钻孔) TYPE E1 TOOL HOLDER

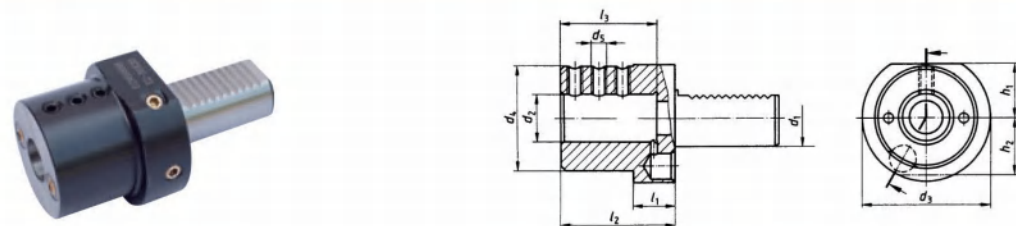
for boring bars with cylindrical shank



订单号 Order No.	d1	d2	d3	d4	d5	h1	h2	l1	l2	l3	l4	l5
E1-20X16	20	16	36	M10x1	50	—	23	67	54	18	15	35
E1-20X20	20	20	40	M10x1	50	—	23	67	54	18	15	35
E1-20X25	20	25	45	M12x1	50	—	23	71	59	18	17	40
E1-30X16	30	16	36	M10x1	68	28	30	67	54	22	15	35
E1-30X20	30	20	40	M10x1	68	28	30	67	54	22	15	35
E1-30X25	30	25	45	M12x1	68	28	30	71	59	22	17	40
E1-30X32	30	32	52	M12x1	68	28	30	75	63	22	20	44
E1-40X16	40	16	36	M10x1	83	32.5	—	67	54	22	15	35
E1-40X20	40	20	40	M10x1	83	32.5	—	67	54	22	15	35
E1-40X25	40	25	45	M12x1	83	32.5	—	75	59	22	17	40
E1-40X32	40	32	52	M12x1	83	32.5	—	75	63	22	20	44
E1-40X40	40	40	65	M16x1	83	32.5	—	90	73	22	22	50
E1-50X20	50	20	40	M10x1	98	35	—	67	54	30	15	35
E1-50X25	50	25	45	M12x1	98	35	—	80	59	30	17	40
E1-50X32	50	32	52	M12x1	98	35	—	80	63	30	20	44
E1-50X40	50	40	65	M16x1	98	35	—	90	73	30	22	50
E1-50X50	50	50	75	M16x1	98	35	—	100	83	30	24	60
E1-60X20	60	20	40	M10x1	123	42.5	—	80	54	30	15	35
E1-60X25	60	25	45	M12x1	123	42.5	—	80	59	30	17	40
E1-60X32	60	32	52	M12x1	123	42.5	—	80	63	30	20	44
E1-60X40	60	40	65	M16x1	123	42.5	—	90	73	30	22	50
E1-60X50	60	50	75	M16x1	123	42.5	—	100	83	30	24	60

ZH-0129 E2型圆柱孔刀夹 (铣、镗孔) TYPE E2 TOOL HOLDER

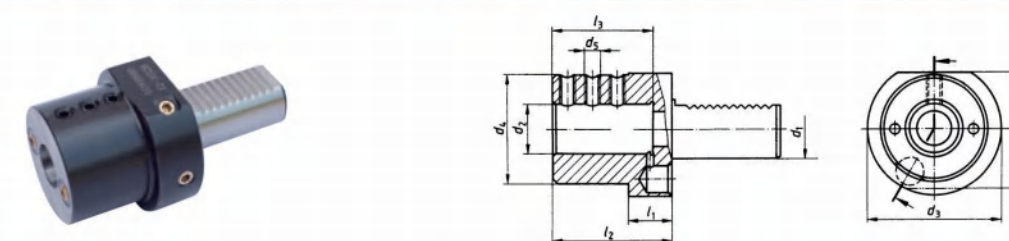
for boring bars with cylindrical shank



订单号 Order No.	d1	d2	d3	d4	d5	h1	h2	l1	l2	l3
E2-16X8	16	8	40	32	M6	18	18	13	44	34
E2-16X10	16	10	40	32	M6	18	18	13	44	34
E2-16X12	16	12	40	40	M8	18	18	13	44	34
E2-16X16	16	16	40	40	M8	18	18	13	44	34
E2-20X8	20	8	50	40	M6	—	23	18	50	41
E2-20X10	20	10	50	40	M6	—	23	18	50	41
E2-20X12	20	12	50	40	M8	—	23	18	50	41
E2-20X16	20	16	50	40	M8	—	23	18	50	41
E2-20X20	20	20	50	50	M8	—	23	18	50	41
E2-20X25	20	25	50	50	M8	—	23	18	60	51
E2-30X10	30	10	68	55	M6	28	30	22	60	51
E2-30X12	30	12	68	55	M8	28	30	22	60	51
E2-30X16	30	16	68	55	M8	28	30	22	60	51
E2-30X20	30	20	68	55	M8	28	30	22	60	51
E2-30X25	30	25	68	55	M8	28	30	22	60	51
E2-30X32	30	32	68	68	M8	28	30	22	75	61
E2-40X12	40	12	83	55	M8	32.5	—	22	75	61
E2-40X16	40	16	83	55	M10	32.5	—	22	75	61
E2-40X20	40	20	83	55	M10	32.5	—	22	75	61
E2-40X25	40	25	83	55	M10	32.5	—	22	75	61
E2-40X32	40	32	83	83	M10	32.5	—	22	75	61
E2-40X40	40	40	83	83	M10	32.5	—	22	90	76
E2-50X12	50	12	98	68	M10	35	—	30	90	76
E2-50X16	50	16	98	68	M10	35	—	30	90	76
E2-50X20	50	20	98	68	M12	35	—	30	90	76
E2-50X25	50	25	98	68	M12	35	—	30	90	76
E2-50X32	50	32	98	68	M12	35	—	30	90	76
E2-50X40	50	40	98	98	M12	35	—	30	90	76
E2-50X50	50	50	98	98	M12	35	—	30	100	86

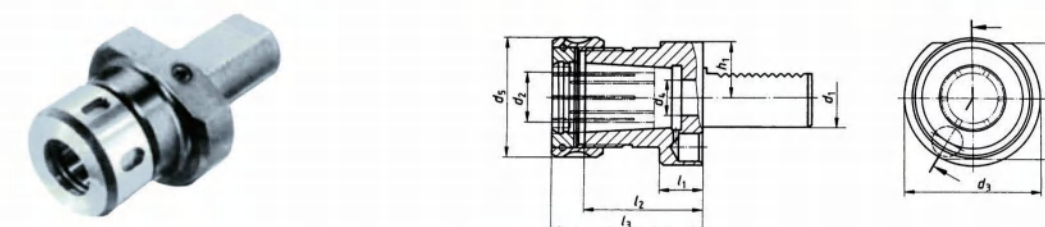
ZH-0130 E2型圆柱孔刀夹 (铣、镗孔) TYPE E2 TOOL HOLDER

for boring bars with cylindrical shank



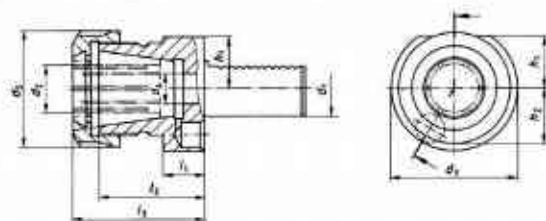
订单号 Order No.	d1	d2	d3	d4	d5	h1	h2	l1	l2	l3
E2-60X16	60	16	123	68	M10	42.5	—	30	90	76
E2-60X20	60	20	123	68	M12	42.5	—	30	90	76
E2-60X25	60	25	123	68	M12	42.5	—	30	90	76
E2-60X32	60	32	123	68	M12	42.5	—	30	90	76
E2-60X40	60	40	123	98	M12	42.5	—	30	90	76
E2-60X50	60	50	123	98	M12	42.5	—	30	100	86

ZH-0131 E3-型DIN6388 EOC夹头刀夹 TYPE E3 COLLET HOLDER



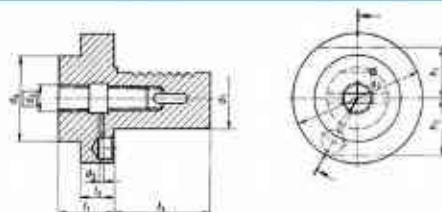
订单号 Order No.	d1	d2		d3	d4	d5	l1	l2	l3	h1	h2
		EOC A	EOC B								
E3-16X12	16	1~12	—	40	6.7	35	13	36	45.5	18	18
E3-20X16	20	2~16	5~16	50	9	43	18	42	57	—	23
E3-20X20	20	2~20	6~20	50	9	50	18	46	62	—	23
E3-30X16	30	2~16	5~16	68	16.5	43	22	42	57	28	30
E3-30X25	30	2~25	6~25	68	16.5	60	22	59	75	28	30
E3-40X25	40	2~25	6~25	83	20.5	60	22	59	75	32.5	—
E3-40X32	40	4~32	10~32	83	20.5	72	22	73	90	32.5	—
E3-50X25	50	2~25	6~25	98	25.5	60	30	59	75	35	—
E3-50X32	50	4~32	10~32	98	25.5	72	30	73	90	35	—
E3-60X25	60	2~25	6~25	123	40.5	60	30	59	75	42.5	—
E3-60X32	60	4~32	10~32	123	40.5	72	30	73	90	42.5	—
E3-60X40	60	6~29.5	30~40	123	40.5	85	30	82	100	42.5	—

ZH-0132 E4型DIN6499 ER夹头刀夹 TYPE E4 COLLET HOLDER



订单号 Order No.	d1	ER Collet	d2	d3	d4	d5	h1	h2	l1	l2	l3
E4-16X20	16	ER20	1~13	40	6.7	35	18	18	13	32	44
E4-20X25	20	ER25	2~16	50	9	42	—	23	18	38	50
E4-20X32	20	ER32	3~20	50	9	50	—	23	18	49.5	62
E4-30X25	30	ER25	2~16	68	16.5	42	28	30	22	45	57
E4-30X40	30	ER40	3~26	68	16.5	63	28	30	22	56	70
E4-40X32	40	ER32	3~20	83	20.5	50	32.5	—	22	49.5	62
E4-40X40	40	ER40	3~26	83	20.5	63	32.5	—	22	61	75
E4-50X40	50	ER40	3~26	98	25.5	63	35	—	30	61	75
E4-60X40	60	ER40	3~26	123	28.5	63	42.5	—	30	61	75

ZH-0133 F型莫氏锥孔刀夹 TYPE F TOOL HOLDER



订单号 Order No.	d1	MT	d2	d3	d4	d5	h1	h2	l1	l2	l3
F-20XMS1	20	1	50	12.065	—	—	—	23	23	—	40
F-25XMS1	25	1	58	12.065	—	—	25	25	23	—	48
F-25XMS2	25	2	58	17.780	—	5	25	25	27	—	48
F-30XMS1	30	1	68	12.065	—	—	28	30	27	—	55
F-30XMS2	30	2	68	17.780	—	5	28	30	27	—	55
F-40XMS2	40	2	83	17.780	55	5	32.5	—	36	22	63
F-40XMS3	40	3	83	23.825	58	6	32.5	—	36	22	63
F-40XMS4	40	4	83	31.267	68	7	32.5	—	80	22	63
F-50XMS2	50	2	98	17.780	55	5	35	—	36	30	78
F-50XMS3	50	3	98	23.825	58	6	35	—	36	30	78
F-50XMS4	50	4	98	31.267	68	7	35	—	50	30	78
F-60XMS3	60	3	123	23.825	58	6	42.5	—	36	30	94
F-60XMS4	60	4	123	31.267	68	7	42.5	—	50	30	94
F-60XMS5	60	5	123	44.399	98	7	42.5	—	63	30	94

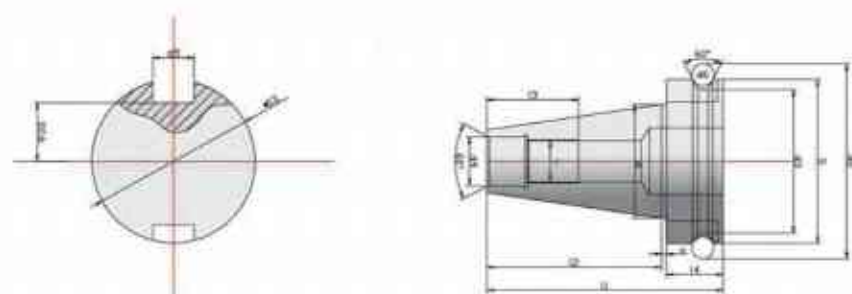
数控工具系列 CNC TOOL HOLDER



- 1、订购时请注明刀柄的标准形式。
- 2、根据需要可提供动平衡刀柄，标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm，订购时请注明具体精度。

- 1、When order please indicate the hilt the concrete from.
- 2、According to needs to be possible to provide the balanced hilt,the standard precision is G6.3/12000rpm,the precise praction is G2.5/20000rpm.

锥柄标准 Taper Standard



Model	D	d1	d2	d3	d4	d5	d6	l1	l2	l3	l4	a	T
BT30	46	31.75	56.14	38	12.5	16.1	8	70.4	48.4	24	20	2	M12X1.75P
BT40	63	44.45	75.679	53	17	16.1	10	92.4	65.4	30	25	2	M16X2.0P
BT50	100	69.85	119.02	83	25	25.7	15	139.8	101.8	45	35	3	M24X3.0P

Material: Alloyed case hardened steel, black-finished and precisely grinded

Taper tolerance: <AT3

Hardness: HRC 56-58

Carbon depth: 0.8mm±0.2mm

Max run out: <0.005mm

Surface Roughness: Ra<0.005mm

Cooling AD+B type can be made by request

When Order, please specify balancing G6.3 or G2.5

Shank body standard: MAS 403 and B6339

材 质: 优质渗碳合金钢, 发黑处理和精细研磨

锥 柄: 公差等级<AT3

硬 度: HRC 56-58

渗碳深度: 0.8mm±0.2mm

最大跳动: <0.005mm

表面粗糙度: Ra<0.005mm

刀柄本体可另外指定冷却方式AD+B

刀柄可指定动平衡G6.3或G2.5

本体规范MAS403及B6339

冷却方式 Cooling

Form A: without cooling supply

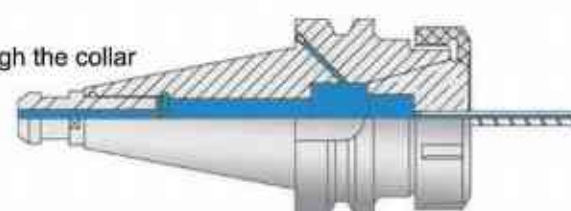
Form AD: central cooling supply

Form AD+B: central cooling and internal coolant through the collar

A型: 无内冷孔

AD型: 中心通水

AD+B型: 中心通水及法兰通水



ZH-0134 强力铣刀柄 Precision Milling Chuck



Model	d1	L2
BT30-SC16-90	16	90
BT30-SC20-90	20	90
BT30-SC22-90	22	90
BT30-SC25-90	25	90
BT30-SC32-105	32	105
BT40-SC16-90	16	90
BT40-SC16-135	16	135
BT40-SC20-90	20	90
BT40-SC20-135	20	135
BT40-SC22-90	22	90
BT40-SC22-135	22	135
BT40-SC25-90	25	90
BT40-SC25-135	25	135
BT40-SC32-105	32	105
BT40-SC32-135	32	135
BT40-SC32-150	32	150
BT40-SC32-165	32	165
BT40-SC32-200	32	200
BT40-SC32-250	32	250
BT40-SC32-300	32	300
BT40-SC42-115	42	115
BT50-SC16-105	16	105
BT50-SC20-105	20	105
BT50-SC22-105	22	105
BT50-SC25-105	25	105
BT50-SC32-110	32	110
BT50-SC32-135	32	135
BT50-SC32-150	32	150
BT50-SC32-165	32	165
BT50-SC32-200	32	200
BT50-SC32-250	32	250
BT50-SC32-300	32	300
BT50-SC32-350	32	350
BT50-SC32-400	32	400
BT50-SC32-450	32	450
BT50-SC32-500	32	500

Use: For mounting shank tools in collets; to use for high speed cutting and high precision milling

应用范围: 配直柄筒夹可夹持各种尺寸圆柱柄刀具, 用于高速及高精度加工

ZH-0135 ER弹簧夹头刀柄 ER Collet Chuck DIN6499

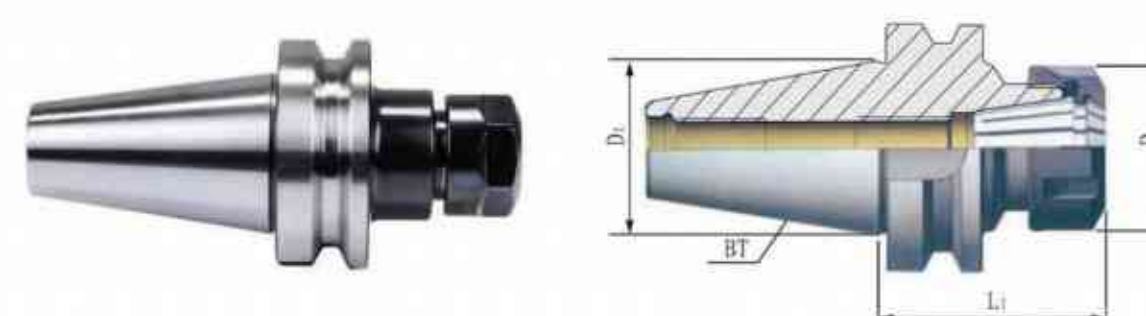


Model	D	D1	L1	Clamping Range	Wt(kg)
BT30XER20-70	35	31.75	70	0.5-13	0.55
BT30XER25-70	42	31.75	70	0.5-16	0.58
BT30XER32-70	50	31.75	70	1-20	0.85
BT30XER40-80	63	31.75	80	2-26	1.10
BT40XER16-70	32	44.45	70	0.5-10	1.14
BT40XER20-70	35	44.45	70	0.5-13	1.16
BT40XER20-100	35	44.45	100	0.5-13	1.38
BT40XER20-130	35	44.45	130	0.5-13	1.76
BT40XER25-70	42	44.45	70	0.5-16	1.22
BT40XER25-100	42	44.45	100	0.5-16	1.52
BT40XER25-130	42	44.45	130	0.5-16	1.90
BT40XER25-160	42	44.45	160	0.5-16	2.10
BT40XER32-70	50	44.45	70	1-20	1.30
BT40XER32-100	50	44.45	100	1-20	1.72
BT40XER32-130	50	44.45	130	1-20	2.05
BT40XER32-160	50	44.45	160	1-20	2.58
BT40XER40-80	63	44.45	80	2-26	1.45
BT40XER40-100	63	44.45	100	2-26	2.01
BT40XER40-160	63	44.45	160	2-26	3.29

Use: For clamping tools with straight shank in collets of DIN 6499

应用范围：配DIN6499弹簧夹头可夹持各种尺寸直柄刀具

ZH-0136 ER弹簧夹头刀柄 ER Collet Chuck DIN6499



Model	D	D1	L1	Clamping Range	Wt(kg)
BT50XER16-70	28	69.85	70	0.5-10	3.64
BT50XER20-70	35	69.85	70	0.5-13	3.67
BT50XER20-100	35	69.85	100	0.5-13	3.84
BT50XER25-70	42	69.85	70	0.5-16	3.70
BT50XER25-100	42	69.85	100	0.5-16	4.54
BT50XER32-70	50	69.85	70	1-20	3.73
BT50XER32-100	50	69.85	100	1-20	5.20
BT50XER32-160	50	69.85	160	1-20	4.97
BT50XER32-200	50	69.85	200	1-20	5.48
BT50XER40-80	63	69.85	80	2-26	3.76
BT50XER40-100	63	69.85	100	2-26	4.44
BT50XER40-160	63	69.85	160	2-26	5.77
BT50XER40-200	63	69.85	200	2-26	6.66

Use: For clamping tools with straight shank in collets of DIN 6499

应用范围：配DIN6499弹簧夹头可夹持各种尺寸直柄刀具

ZH-0137 重切削筒夹本体 OZ Collet Chuck DIN6391

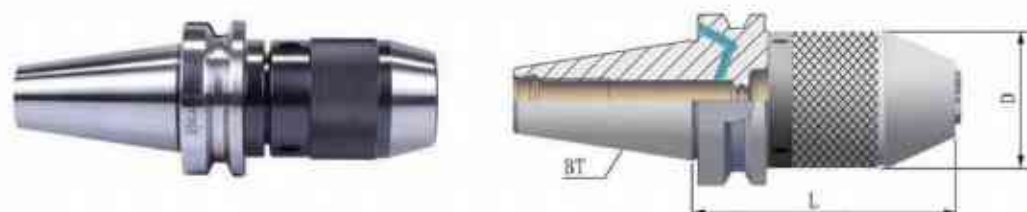


Model	D2	L	D	L1	Collets
BT40-OZ25-80	3-25	80	60	30	OZ25
BT40-OZ25-120	3-25	120	60	30	OZ25
BT40-OZ32-80	6-32	80	72	33	OZ32
BT40-OZ32-150	6-32	150	72	33	OZ32
BT50-OZ25-90	3-25	90	60	30	OZ25
BT50-OZ25-130	3-25	130	60	30	OZ25
BT50-OZ32-105	6-32	105	72	33	OZ32
BT50-OZ32-150	6-32	150	72	33	OZ32

Use: For clamping tools with straight shank in collets of DIN6388

应用范围: 配DIN6388 OZ弹簧夹头可夹持各种尺寸直柄刀具

ZH-0138 APU钻夹头刀柄 APU Drill Chuck Holder

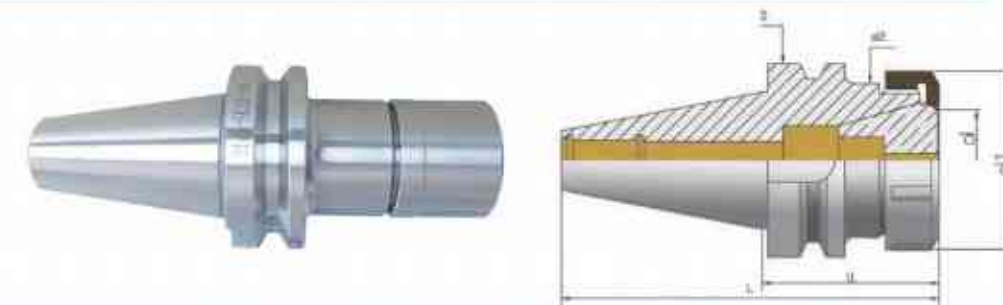


Model	Clamping Range	D	L	
			Min	Max
BT30-APU08-80	1-8	36.3	75	82
BT30-APU13-100	1-13	51.5	97	104.5
BT40-APU08-85	1-8	36.3	79	86.5
BT40-APU13-110	1-13	51.5	98	109
BT40-APU16-130	3-16	58	116	130
BT50-APU08-95	1-8	36.3	90	97.5
BT50-APU13-120	1-13	51.5	109	120
BT50-APU13-180	1-13	51.5	169	180
BT50-APU16-130	3-16	58	116	130
BT50-APU16-190	3-16	58	176	190

Use: For clamping tools with straight shank

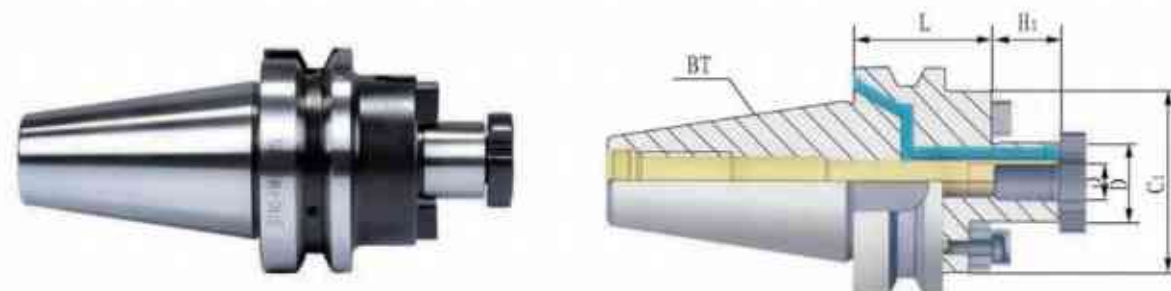
应用范围: 夹持直径为0.5-16mm的钻头

ZH-0139 SK 高速筒夹刀柄 SK Collet Chuck



Model	L	D	d	d1	d2	Wt(kg)
BT30-SK6-45	93.4	46	9.946	20	18	0.49
BT30-SK6-60	108.4	46	9.946	20	18	0.90
BT30-SK10-45	93.4	46	14.981	27	27.6	0.80
BT30-SK10-60	108.4	46	14.981	27	27.6	0.56
BT30-SK10-90	138.4	46	14.981	27	27.6	0.58
BT30-SK16-60	108.4	46	23.939	40	52	0.59
BT40-SK6-90	155.4	63	9.946	20	32	1.16
BT40-SK6-120	185.4	63	9.946	20	32	1.2
BT40-SK10-90	155.4	63	14.981	27	40	1.29
BT40-SK10-120	185.4	63	14.981	27	40	1.42
BT40-SK16-90	155.4	63	23.939	40	52	1.40
BT40-SK16-120	185.4	63	23.939	40	52	1.71
BT40-SK25-90	155.4	63	35.029	55	55	1.49
BT40-SK25-120	185.4	63	35.029	55	55	1.80
BT50-SK6-90	191.8	100	9.946	20	32	4.00
BT50-SK6-120	221.8	100	9.946	20	32	4.20
BT50-SK10-105	206.8	100	14.981	27	40	3.99
BT50-SK10-150	251.8	100	14.981	27	40	4.60
BT50-SK10-165	266.8	100	14.981	27	40	4.30
BT50-SK16-105	206.8	100	23.939	40	52	4.15
BT50-SK16-150	251.8	100	23.939	40	52	4.70
BT50-SK16-165	266.8	100	23.939	40	52	4.50
BT50-SK25-105	206.8	100	35.029	55	55	4.50
BT50-SK25-150	251.8	100	35.029	55	55	4.80

ZH-0140 面铣刀柄 FMB Face Mill Holder DIN6357



Model	D	L	C1	H1	G
BT30-FMB22-45	22	45	56	18	M10
BT30-FMB27-45	27	45	64	20	M12
BT40-FMB22-45	22	45	48	18	M10
BT40-FMB22-90	22	90	48	18	M10
BT40-FMB27-45	27	45	60	20	M12
BT40-FMB27-60	27	60	60	20	M12
BT40-FMB27-90	27	90	60	20	M12
BT40-FMB32-45	32	45	63	21	M16
BT40-FMB32-60	32	60	63	21	M16
BT40-FMB40-45	40	45	68	23	M16
BT40-FMB40-60	40	60	68	23	M16
BT50-FMB22-45	22	45	48	18	M10
BT50-FMB22-75	22	75	48	18	M10
BT50-FMB27-45	27	45	65	20	M12
BT50-FMB27-75	27	75	65	20	M12
BT50-FMB27-90	27	90	65	20	M12
BT50-FMB32-45	32	45	73	21	M16
BT50-FMB32-75	32	75	73	21	M16
BT50-FMB40-45	40	45	85	23	M16
BT50-FMB40-75	40	75	85	23	M16
BT50-FMB40-105	40	105	85	23	M16

Use: For holding like shell mill cutters

应用范围：用于夹持带径向驱动槽的铣刀，如面铣刀，立式盘铣刀，套式立铣刀

ZH-0141 面铣刀柄 FMA Face Mill Holder



Model	D1	L1	G	Cutter Dia.
BT30-FMA25.4-45	25.4	45	M12	76
BT30-FMA25.4-60	25.4	60	M12	76
BT40-FMA25.4-45	25.4	45	M12	76
BT40-FMA25.4-60	25.4	60	M12	76
BT40-FMA31.75-45	31.75	45	M12	102
BT40-FMA31.75-60	31.75	60	M12	102
BT40-FMA31.75-90	31.75	90	M12	102
BT40-FMA38.1-60	38.1	60	M16	127
BT40-FMA38.1-90	38.1	90	M16	127
BT50-FMA25.4-75	25.4	75	M12	76(80)
BT50-FMA25.4-105	25.4	105	M12	76(80)
BT50-FMA25.4-125	25.4	125	M12	76(80)
BT50-FMA25.4-150	25.4	150	M12	76(80)
BT50-FMA31.75-45	31.75	45	M12	100(102)
BT50-FMA31.75-75	31.75	75	M12	100(102)
BT50-FMA31.75-105	31.75	105	M12	100(102)
BT50-FMA31.75-125	31.75	125	M12	100(102)
BT50-FMA31.75-150	31.75	150	M12	100(102)
BT50-FMA38.1-45	38.1	45	M16	125
BT50-FMA38.1-75	38.1	75	M16	125
BT50-FMA50.8-45	50.8	45	M16	152
BT50-FMA50.8-75	50.8	75	M16	152

Use: For holding like shell mill cutters

应用范围：用于夹持带径向驱动槽的铣刀，如面铣刀，立式盘铣刀，套式立铣刀

ZH-0142 带扁尾莫氏刀柄 NTA Morse Taper Adapter DIN6383



Model	MT.No.	L	ΦD	Wt(kg)
BT30-MTA1-45	1	45	25	0.43
BT30-MTA2-60	2	60	32	0.5
BT40-MTA1-45	1	45	25	1.02
BT40-MTA2-60	2	60	32	1.11
BT40-MTA3-75	3	75	40	1.15
BT40-MTA4-90	4	90	48	1.43
BT50-MTA1-45	1	45	25	3.6
BT50-MTA2-50	2	50	32	3.63
BT50-MTA2-60	2	60	32	3.64
BT50-MTA2-120	2	120	32	4.3
BT50-MTA3-65	3	65	40	3.7
BT50-MTA3-120	3	120	40	4.4
BT50-MTA3-135	3	135	40	4.46
BT50-MTA3-150	3	150	40	4.68
BT50-MTA4-85	4	85	48	3.75
BT50-MTA4-95	4	95	48	3.85
BT50-MTA5-105	5	105	63	5
BT50-MTA5-108	5	108	63	5.06

Use: For holding tools with Morse tapers and tang according to DIN228-1 form A

应用范围: 适用于夹持DIN228-1A型带扁尾莫氏柄刀具

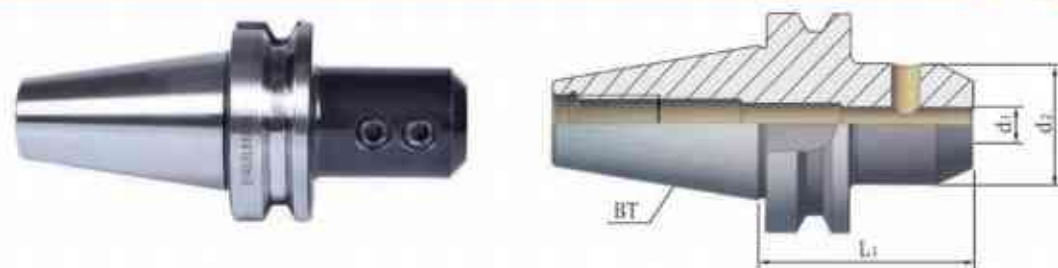
ZH-0143 带螺纹孔莫氏刀柄 MTB Morse Taper Adapter(with Drawbar)DIN6364



Model	MT.No.	L	ΦD	Wt(kg)
BT30-MTB1-45	1	45	25	0.55
BT30-MTB2-60	2	60	32	0.6
BT40-MTB1-45	1	45	25	1.05
BT40-MTB2-45	2	45	32	1.85
BT40-MTB3-75	3	75	40	1.9
BT40-MTB4-75	4	75	48	1.7
BT50-MTB1-45	1	45	25	4.1
BT50-MTB2-45	2	45	32	3.9
BT50-MTB3-60	3	60	40	3.9
BT50-MTB4-75	4	75	50	4.2
BT50-MTB5-120	5	120	70	4.3

Use: For clamping tools with Morse tapers and drawbar thread according to DIN228-1 form B

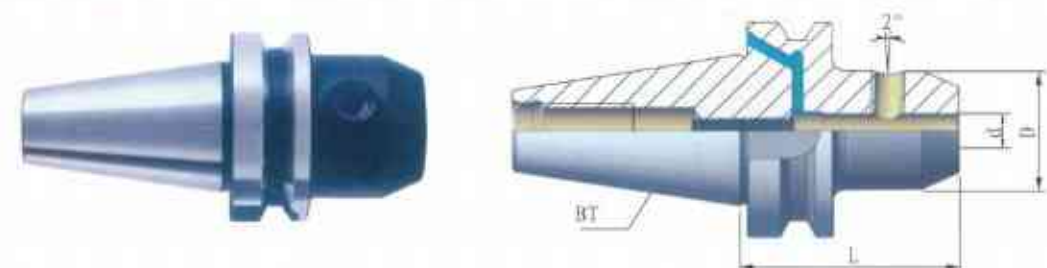
应用范围: 适用于夹持DIN228-1B型带外螺纹的莫氏柄刀具



Model	d1	d2	L1	Wt(kg)
BT30-SLN6-60	6	25	60	0.55
BT30-SLN8-60	8	28	60	0.60
BT30-SLN10-60	10	35	60	0.70
BT30-SLN12-60	12	42	60	0.75
BT30-SLN16-75	16	48	75	1.05
BT30-SLN20-75	20	52	75	1.10
BT30-SLN25-90	25	65	90	1.70
BT40-SLN6-50	6	25	50	1.10
BT40-SLN8-50	8	28	50	1.10
BT40-SLN10-63	10	35	63	1.25
BT40-SLN12-63	12	42	63	1.30
BT40-SLN16-63	16	48	63	1.40
BT40-SLN20-63	20	52	63	1.40
BT40-SLN25-100	25	65	100	2.50
BT40-SLN32-100	32	72	100	2.75
BT50-SLN6-60	6	25	63	3.80
BT50-SLN8-63	8	28	63	3.80
BT50-SLN10-63	10	35	63	3.90
BT50-SLN12-80	12	42	80	4.00
BT50-SLN16-80	16	48	80	4.40
BT50-SLN20-80	20	52	80	4.40
BT50-SLN25-100	25	65	100	5.10
BT50-SLN32-105	32	72	105	5.20
BT50-SLN40-115	40	80	115	6.60
BT50-SLN42-120	42	85	120	6.70

Use: For clamping cutters with side lock and inclined flat of DIN1835-B

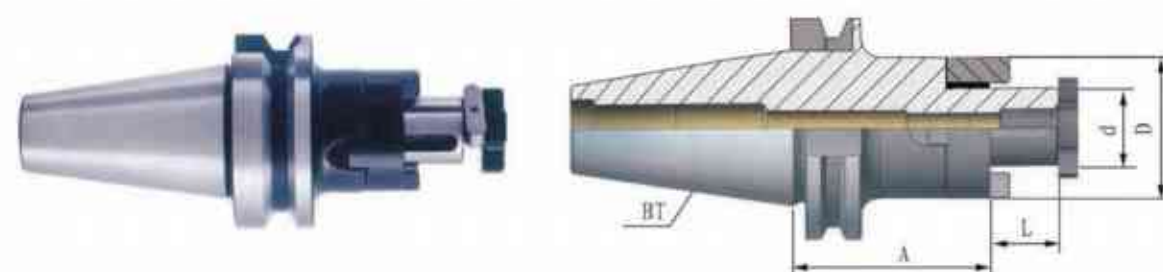
应用范围: 适用于夹持DIN1835-B具有侧固平面的刀具



Model	d	D	L
BT40-SLB06-50	6	25	50
BT40-SLB08-50	8	28	50
BT40-SLB10-63	10	35	63
BT40-SLB12-63	12	42	63
BT40-SLB14-63	14	44	63
BT40-SLB16-63	16	48	63
BT40-SLB18-63	18	50	63
BT40-SLB20-63	20	52	63
BT40-SLB25-90	25	65	90
BT40-SLB32-100	32	72	100
BT40-SLB40-120	40	80	120
BT50-SLB06-63	6	25	63
BT50-SLB08-63	8	28	63
BT50-SLB10-63	10	35	63
BT50-SLB12-80	12	42	80
BT50-SLB14-80	14	44	80
BT50-SLB16-80	16	48	80
BT50-SLB18-80	18	50	80
BT50-SLB20-80	20	52	80
BT50-SLB25-100	25	65	100
BT50-SLB32-105	32	72	105
BT50-SLB40-110	40	80	110

Use: For clamping cutters with side lock and inclined flat of DIN1835-E
应用范围: 适用于夹持DIN1835-E具有侧固平面的刀具

ZH-0146 混合式铣刀柄 Combi Shell Mill Holder DIN6358

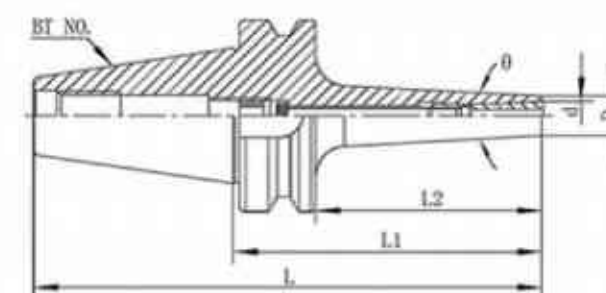


Model	d	D	L	A
BT30-SEMC16-45	16	32	17	45
BT30-SEMC22-47	22	40	19	47
BT30-SEMC27-49	27	48	21	49
BT40-SEMC16-55	16	32	17	55
BT40-SEMC16-100	16	32	17	100
BT40-SEMC22-55	22	40	19	55
BT40-SEMC22-100	22	40	19	100
BT40-SEMC27-55	27	48	21	55
BT40-SEMC27-100	27	48	21	100
BT40-SEMC32-60	32	58	24	60
BT40-SEMC32-100	32	58	24	100
BT40-SEMC40-60	40	70	27	60
BT40-SEMC40-100	40	70	27	100
BT50-SEMC16-70	16	32	17	70
BT50-SEMC22-70	22	40	19	70
BT50-SEMC27-70	27	48	21	70
BT50-SEMC32-70	32	58	24	70
BT50-SEMC40-70	40	70	27	70

Use: For clamping shell mill DIN841 and DIN1880 as well as angular milling cutter DIN842 and cutter DIN1830

应用范围: 适用于夹持带轴向或带径向驱动槽的铣刀如: 立式盘铣刀, 套式铣刀, 面铣刀, 盘铣刀, 三面刃铣刀

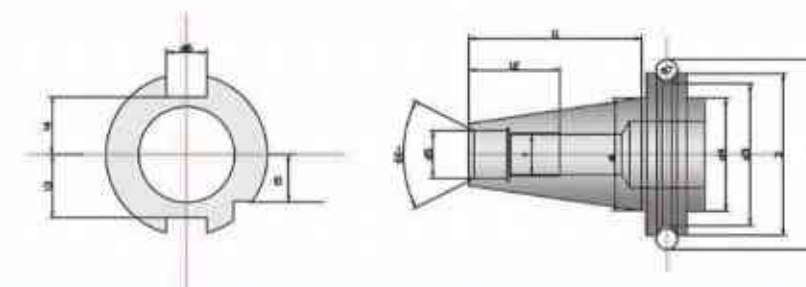
ZH-0147 BT SDC 后拉刀柄 BT SDC COLLET CHUCK



- 无螺帽的后拉式筒夹设计, 刚性强稳定性高
- 建议使用扭力扳手, 不要超过推荐值的30%, 过高的扭力, 可能导致刀柄的变形
- Collet nut design – no pull, strong stability and high rigidity
- The recommended torque wrench, do not exceed the recommended value of 30%, high torque, the deformation may lead

Model	L	L1	L2	θ	D	d
BT30-SDC06-60	108.4	60	38	6°	14	3-6
BT30-SDC06-90	138.4	90	68	6°	14	3-6
BT30-SDC08-60	108.4	60	38	6°	22	3-8
BT30-SDC08-90	138.4	90	68	6°	22	3-8
BT30-SDC12-80	128.4	80	58	—	34	3-12
BT40-SDC06-100	165.4	100	73	6°	14	3-6
BT40-SDC08-100	165.4	100	73	6°	22	3-8
BT40-SDC08-150	215.4	150	123	6°	22	3-8
BT40-SDC12-100	165.4	100	73	—	34	3-12
BT40-SDC12-150	215.4	150	123	—	34	3-12
BT50-SDC06-100	201.8	100	62	6°	14	3-6
BT50-SDC06-150	251.8	150	112	6°	14	3-6
BT50-SDC08-100	201.8	100	62	6°	22	3-8
BT50-SDC08-150	251.8	150	112	6°	22	3-8
BT50-SDC12-100	201.8	100	62	—	34	3-12
BT50-SDC12-150	251.8	150	112	—	34	3-12

锥柄标准 Taper Standard



Model	D	d1	d2	d3	d4	d5	d6	d7	l1	l2	l3	l4	l5	e1	e2
SK30	50	31.75	59.3	44.3	45	13	16.1	4	47.8	24	19	16.4	15	21	5
SK40	63.55	44.45	72.3	56.25	50	17	16.1	4	68.4	32	25	22.8	18.5	27	5
SK50	97.5	69.85	107.25	91.25	80	25	25.7	6	101.75	47	37.7	35.5	30	42	7

Material: Alloyed case hardened steel, black-finished and precisely grinded

Taper tolerance: <AT3

Hardness: HRC 56-58

Carbon depth: 0.8mm±0.2mm

Max run out: <0.005mm

Surface Roughness: Ra<0.005mm

Cooling AD+B type can be made by request

When Order, please specify balancing G6.3 or G2.5

Shank body standard: DIN69871

材 质: 优质渗碳合金钢, 发黑处理和精细研磨

锥 柄: 公差等级<AT3

硬 度: HRC 56-58

渗碳深度: 0.8mm±0.2mm

最大跳动: <0.005mm

表面粗糙度: Ra<0.005mm

刀柄本体可另外指定冷却方式AD+B

刀柄可指定动平衡G6.3或G2.5

本体规范DIN69871

冷却方式 Cooling

Form A: without cooling supply

Form AD: central cooling supply

Form AD+B: central cooling and internal coolant through the collar

A型: 无内冷孔

AD型: 中心通水

AD+B型: 中心通水及法兰通水



DIN69871 SK TOOL HOLDER

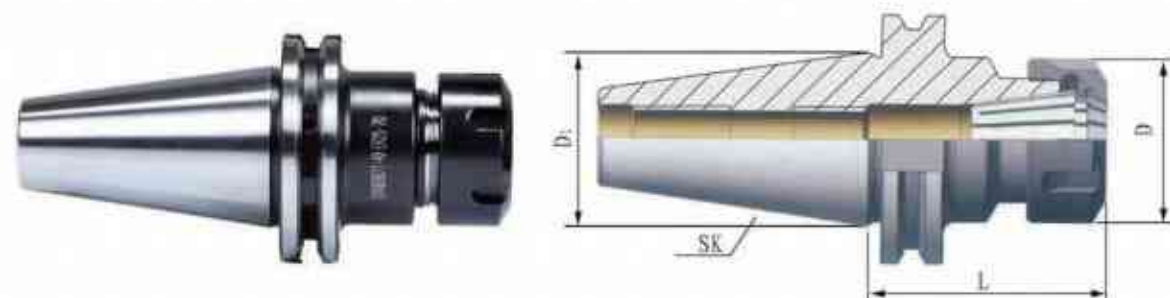


1、订购时请注明刀柄的标准形式。

2、根据需要可提供动平衡刀柄, 标准精度为G6.3/12000rpm, 精密精度为G2.5/20000rpm, 订购时请注明具体精度。

1、When order please indicate the hilt the concrete from.

2、According to needs to be possible to provide the balanced hilt, the standard precision is G6.3/12000rpm, the precise precision is G2.5/20000rpm.



Model	D	D1	L	Collet
SK30-ER16-63	28	31.75	63	ER16
SK30-ER20-63	35	31.75	63	ER20
SK40-ER16-70	32	44.45	70	ER16
SK40-ER16-100	32	44.45	100	ER16
SK40-ER20-70	35	44.45	70	ER20
SK40-ER20-100	35	44.45	100	ER20
SK40-ER20-130	35	44.45	130	ER20
SK40-ER25-70	42	44.45	70	ER25
SK40-ER25-130	42	44.45	130	ER25
SK40-ER25-160	42	44.45	160	ER25
SK40-ER32-70	50	44.45	70	ER32
SK40-ER32-100	50	44.45	100	ER32
SK40-ER32-130	50	44.45	130	ER32
SK40-ER32-160	50	44.45	160	ER32
SK40-ER32-200	50	44.45	200	ER32
SK40-ER40-80	63	44.45	80	ER40
SK40-ER40-100	63	44.45	100	ER40
SK40-ER40-150	63	44.45	150	ER40
SK40-ER40-200	63	44.45	200	ER40
SK50-ER16-80	32	69.85	80	ER16
SK50-ER20-80	35	69.85	80	ER20
SK50-ER20-100	35	69.85	100	ER20
SK50-ER25-80	42	69.85	80	ER25
SK50-ER25-100	42	69.85	100	ER25
SK50-ER25-130	42	69.85	130	ER25
SK50-ER32-80	50	69.85	80	ER32
SK50-ER32-100	50	69.85	100	ER32
SK50-ER32-130	50	69.85	130	ER32
SK50-ER32-160	50	69.85	160	ER32
SK50-ER32-200	50	69.85	200	ER32
SK50-ER40-80	63	69.85	80	ER40
SK50-ER40-100	63	69.85	100	ER40
SK50-ER40-130	63	69.85	130	ER40
SK50-ER40-160	63	69.85	160	ER40
SK50-ER40-200	63	69.85	200	ER40

Use: For clamping tools with straight shank in collets of DIN6499

应用范围: 配DIN6499弹簧夹头可夹持各种尺寸直柄刀具



Model	d1	d2	L1	L2	Wt(kg)
SK30-SC20-85	20	55	85	70	1.9
SK30-SC20-100	20	55	100	70	2.1
SK40-SC20-85	20	55	85	70	2.4
SK40-SC20-100	20	55	100	70	2.5
SK40-SC20-135	20	55	135	70	2.8
SK40-SC32-105	32	73	105	75	2.7
SK40-SC32-135	32	73	135	75	3.0
SK50-SC20-105	20	55	105	70	4.5
SK50-SC20-150	20	55	150	70	4.9
SK50-SC32-110	32	73	110	75	5.2
SK50-SC32-135	32	73	135	75	5.9
SK50-SC42-110	42	95	110	90	6.0

Use: For mounting straight shank tools in collets; to use for high speed cutting and high precision milling

应用范围: 配直柄筒夹可夹持各种尺寸直柄刀具用于高速及高精度加工

ZH-0150 带扁尾莫氏刀柄 MTA Morse Taper Adapter DIN6383

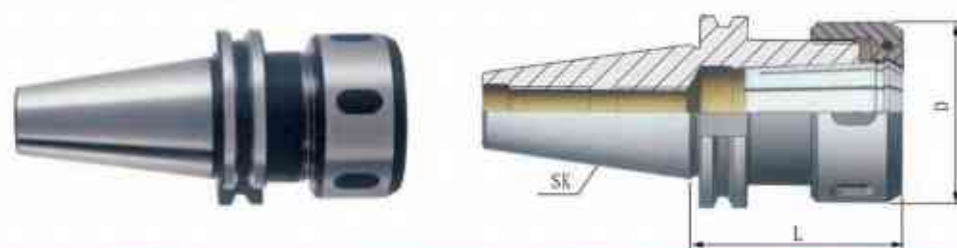


Model	MT.No.	L	D	Wt(kg)
SK30-MTA1-50	1	50	25	1.6
SK30-MTA2-50	2	50	32	0.8
SK30-MTA3-75	3	75	40	0.9
SK40-MTA1-50	1	50	25	1.3
SK40-MTA2-50	2	50	32	1.5
SK40-MTA3-65	3	65	40	1.8
SK40-MTA4-95	4	95	50	2.4
SK40-MTA5-125	5	125	63	3.8
SK50-MTA1-45	1	45	25	4.1
SK50-MTA2-60	2	60	32	4.4
SK50-MTA3-65	3	65	40	4.5
SK50-MTA4-70	4	70	50	4.9
SK50-MTA5-105	5	105	65	5.2

Use: For holding tools with Morse tapers and tang according to DIN228-1 form A

应用范围: 适用于夹持DIN228-1A型带扁尾莫氏柄刀具

ZH-0151 重切削筒夹本体 OZ Collet Chuck



Model	L	D	Collet
SK40-OZ25-70	70	60	OZ25
SK40-OZ25-100	100	60	OZ25
SK40-OZ32-90	90	72	OZ32
SK50-OZ25-85	85	60	OZ25
SK50-OZ25-100	100	60	OZ25
SK50-OZ32-70	70	72	OZ32

Use: For clamping tools with straight shank in collets of DIN6388

应用范围: 配DIN6388 OZ弹簧夹头可夹持各种尺寸直柄刀具

ZH-0152 带螺纹孔莫氏刀柄 MTB Morse Taper Adapter(with Drawbar)DIN6364



Model	MT.No.	L	D	Wt(kg)
SK40-MTB1-50	1	50	25	1.3
SK40-MTB2-50	2	50	32	1.5
SK40-MTB3-65	3	65	40	1.8
SK40-MTB4-95	4	95	50	2.4
SK50-MTB1-60	1	60	25	4.1
SK50-MTB2-60	2	60	32	4.4
SK50-MTB3-65	3	65	40	4.5
SK50-MTB4-85	4	85	50	4.9
SK50-MTB5-120	5	120	65	5.2

Use: For clamping tools with Morse tapers and drawbar thread according to DIN228-1 form B

应用范围: 适用于夹持DIN228-1B型带外螺纹的莫氏柄刀具

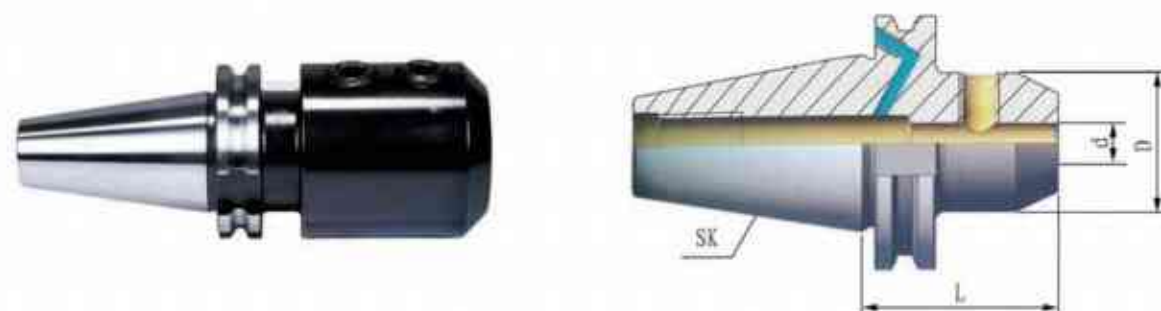
ZH-0153 面铣刀柄 Face Mill Holder DIN6357



Model	L	ΦC	ΦD	H	G
SK40-FMB16-45	45	16	38	17	M8
SK40-FMB22-45	45	22	48	19	M10
SK40-FMB27-50	50	27	58	21	M12
SK40-FMB32-55	55	32	78	24	M16
SK40-FMB40-55	55	40	88	27	M20
SK50-FMB16-45	45	16	38	17	M8
SK50-FMB22-45	45	22	48	19	M10
SK50-FMB27-45	45	27	58	21	M12
SK50-FMB32-55	55	32	78	24	M16
SK50-FMB40-55	55	40	88	27	M20

Use: For holding like shell mill cutters 应用范围: 用于夹持带径向驱动槽的铣刀, 如面铣刀, 立式盘铣刀, 套式立铣刀

ZH-0154 侧固式铣刀柄 Side Lock End Mill Holder DIN6359/1835B



Model	d	D	L	Wt(kg)
SK30-SLN6-50	6	25	50	0.73
SK30-SLN8-50	8	28	50	0.80
SK30-SLN10-50	10	35	50	0.90
SK30-SLN12-50	12	42	50	0.90
SK30-SLN16-63	16	48	63	1.10
SK40-SLN6-50	6	25	50	0.85
SK40-SLN8-50	8	28	50	1.00
SK40-SLN10-50	10	35	50	1.10
SK40-SLN12-50	12	42	50	1.30
SK40-SLN16-63	16	48	63	1.40
SK40-SLN20-63	20	52	63	1.50
SK40-SLN25-100	25	65	100	2.40
SK40-SLN32-100	32	72	100	2.70
SK50-SLN6-50	6	25	63	3.10
SK50-SLN8-50	8	28	63	3.10
SK50-SLN10-63	10	35	63	3.30
SK50-SLN12-63	12	42	63	3.50
SK50-SLN16-63	16	48	63	3.45
SK50-SLN20-63	20	52	63	3.50
SK50-SLN25-80	25	65	80	4.20
SK50-SLN32-100	32	72	100	5.00
SK50-SLN40-100	40	80	100	5.60
SK50-SLN50-125	50	100	125	5.70

Use: For clamping cutters with side lock and inclined flat of DIN1835-B and DIN6535-HB

应用范围: 适用于夹持DIN1835-B及DIN6535-HB具有侧固平面的刀具

ZH-0155 斜2° 侧固式铣刀柄 End Mill Holder Whistle North DIN6359/1835E



Model	d	D	L
SK40-SLB06-50	6	25	50
SK40-SLB08-50	8	28	50
SK40-SLB10-50	10	35	50
SK40-SLB12-50	12	42	50
SK40-SLB14-50	14	44	50
SK40-SLB16-63	16	48	63
SK40-SLB18-63	18	50	63
SK40-SLB20-63	20	52	63
SK40-SLB25-100	25	65	100
SK50-SLB06-63	6	25	63
SK50-SLB08-63	8	28	63
SK50-SLB10-63	10	35	63
SK50-SLB12-63	12	42	63
SK50-SLB14-63	14	44	63
SK50-SLB16-63	16	48	63
SK50-SLB18-63	18	50	63
SK50-SLB20-63	20	52	63
SK50-SLB25-80	25	65	80
SK50-SLB32-100	32	72	100
SK50-SLB40-100	40	80	100

Use: For clamping cutters with side lock and inclined flat of DIN1835-E and DIN6535-HE
适用范围: 适用于夹持DIN1835-E及DIN6535-HE具有侧固平面的刀具

ZH-0156 APU 钻夹头刀柄 APU Drill Chuck Holder



Model	d	D	L	Wt(kg)
SK30-APU08-80	1-8	37	80	0.6
SK30-APU13-120	1-13	50	120	1.45
SK30-APU16-120	3-16	57	120	1.78
SK40-APU08-75	1-8	37	75	1.46
SK40-APU13-100	1-13	50	100	2
SK40-APU16-105	3-16	57	105	2.33
SK50-APU08-75	1-8	37	75	3.86
SK50-APU13-100	1-13	50	100	4.4
SK50-APU16-105	3-16	57	105	4.73

Use: For clamping tools with straight shank

应用范围: 夹持直径为0.5-16mm的钻头

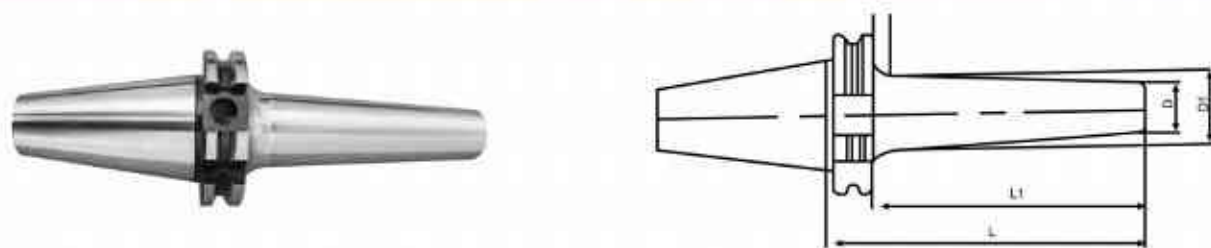
ZH-0157 混合式铣刀柄 Combi Shell Mill Holder DIN6358



Model	d	D	L	L1
SK30-SEMC16-50	16	63	17	50
SK30-SEMC22-50	22	63	19	50
SK30-SEMC27-50	27	48	21	55
SK30-SEMC32-60	32	58	24	60
SK40-SEMC16-55	16	32	17	55
SK40-SEMC16-100	16	32	17	100
SK40-SEMC22-55	22	40	19	55
SK40-SEMC22-100	22	40	19	100
SK40-SEMC27-55	27	48	21	55
SK40-SEMC27-100	27	48	21	100
SK40-SEMC32-60	32	58	24	60
SK40-SEMC32-100	32	58	24	100
SK40-SEMC40-60	40	70	27	60
SK40-SEMC40-100	40	70	27	100
SK50-SEMC16-55	16	32	17	55
SK50-SEMC16-100	16	32	17	100
SK50-SEMC22-55	22	40	19	55
SK50-SEMC22-100	22	40	19	100
SK50-SEMC27-55	27	48	21	55
SK50-SEMC27-100	27	48	21	100
SK50-SEMC32-55	32	58	24	60
SK50-SEMC32-100	32	58	24	100
SK50-SEMC40-55	40	70	27	60
SK50-SEMC40-100	40	70	27	100

Use: For clamping shell mill DIN841 and DIN1880 as well as angular milling cutter DIN842 and cutter DIN1830

应用范围: 适用于夹持带轴向或带径向驱动槽的铣刀如: 立式盘铣刀, 套式铣刀, 面铣刀, 盘铣刀, 三面刃铣刀

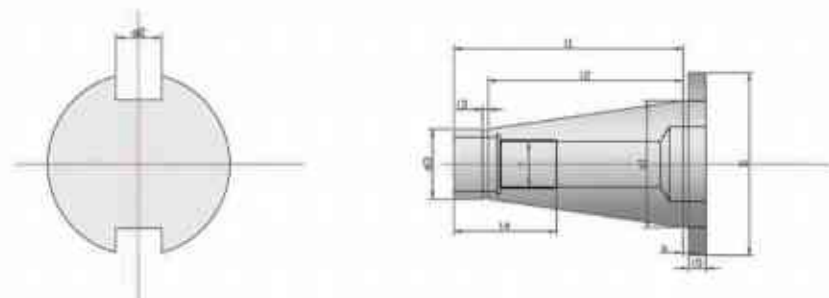


Model	D	D1	L	L
SK40-DC06-90	14	20.94	90	70.91
SK40-DC06-120		24.08	120	100.91
SK40-DC06-150		27.22	150	130.91
SK40-DC06-200		32.47	200	180.91
SK40-DC08-90	22	28.94	90	70.91
SK40-DC08-120		32.08	120	100.91
SK40-DC08-150		35.21	150	130.91
SK40-DC08-200		40.47	200	180.91
SK40-DC12-90	34		90	70.91
SK40-DC12-120			120	100.91
SK40-DC12-150			150	130.91

DIN 2080 NT TOOL HOLDER



- 1、订购时请注明刀柄的标准形式。
- 2、根据需要可提供动平衡刀柄，标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm，订购时请注明具体精度。
- 1、When order please indicate the hilt the concrete form.
- 2、According to needs to be possible to provide the balanced hilt,the standard precision is G6.3/12000rpm,the precise precision is G2.5/20000rpm.



Model	D	d1	d2	d3	a	l1	l2	l3	l4	l5	T
NT30	49	31.75	16.1	17.04	1.6	68.4	48.4	3	24	8	M12/1/2"-12
NT40	63	44.45	16.1	24.92	1.6	93.4	65.4	5	32	10	M16/5/8"-11
NT50	97.5	69.85	25.7	39.19	3.2	126.8	101.8	8	47	12	M24/1"-8

Material: Alloyed case hardened steel, black-finished and precisely grinded

Taper tolerance: <AT3

Hardness: HRC 56-58

Carbon depth: 0.8mm±0.2mm

Max run out: <0.005mm

Surface Roughness: Ra<0.005mm

Shank body standard: DIN2080

材质: 优质渗碳合金钢, 发黑处理和精细研磨

锥柄: 公差等级<AT3

硬度: HRC 56-58

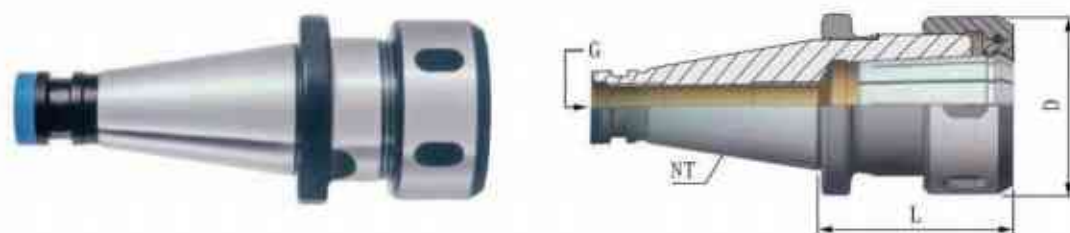
渗碳深度: 0.8mm±0.2mm

最大跳动: <0.005mm

表面粗糙度: Ra<0.005mm

本体规范DIN2080

ZH-0159 重切削筒夹本体 OZ Collet Chuck DIN6391

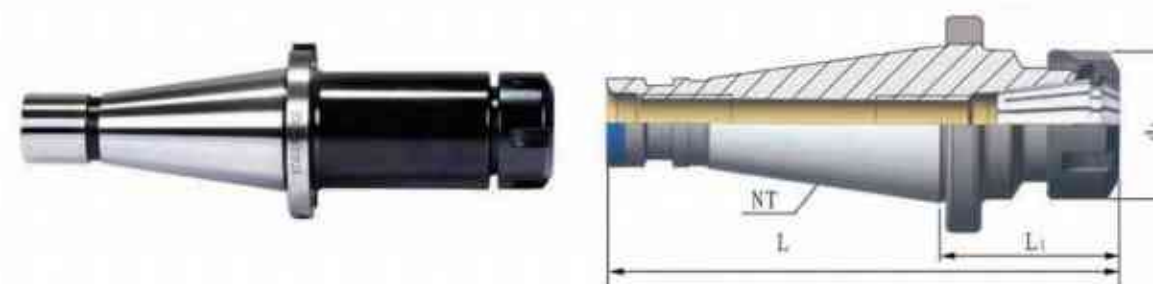


Model	Clamping range	L	D	G
NT40-OZ25-63	3-25	63	60	M16X2.0P 5/8"-11
NT40-OZ25-100	3-25	100	60	
NT40-OZ32-90	6-32	90	72	M24X3.0P 1"-8
NT50-OZ25-63	3-25	63	60	
NT50-OZ25-100	3-25	100	60	
NT50-OZ32-70	6-32	70	72	

Use: For clamping tools with straight shank in collets of DIN6388

应用范围: 配DIN6388 OZ弹簧夹头可夹持各种尺寸直柄刀具

ZH-0160 ER弹簧夹头刀柄 ER Collet Chuck DIN6499



Model	L1	d1	Clamping Range	Wt(kg)
NT30-ER20-70	70	34	0.5-13	0.6
NT30-ER20-100	100	34	0.5-13	0.8
NT30-ER25-100	100	42	0.5-16	0.9
NT30-ER32-60	60	50	1-20	0.8
NT30-ER32-100	100	50	1-20	0.9
NT40-ER16-45	45	28	0.5-10	1.0
NT40-ER16-100	100	32	0.5-10	1.1
NT40-ER20-45	45	34	0.5-13	1.2
NT40-ER20-100	100	34	0.5-13	1.3
NT40-ER25-100	100	42	0.5-16	1.5
NT40-ER32-60	60	50	1-20	1.3
NT40-ER32-100	100	50	1-20	1.7
NT40-ER40-70	70	63	2-26	1.4
NT50-ER16-100	100	28	0.5-10	3.1
NT50-ER20-100	100	34	0.5-13	3.2
NT50-ER20-150	150	34	0.5-13	3.3
NT50-ER32-100	100	50	1-20	3.3
NT50-ER40-80	80	63	2-26	3.2
NT50-ER40-100	100	63	2-26	3.4

Use: For clamping tools with straight shank in collets of DIN6499

应用范围: 配DIN6499弹簧夹头可夹持各种尺寸直柄刀具

ZH-0161 强力铣刀柄 Precision Milling Chuck



Model	Clamping range	d	L	G
NT30-SC25-80	6-25	25	80	M12X1.75P 1/2"-12
NT30-SC32-90	6-32	32	90	
NT40-SC25-80	6-25	25	80	
NT40-SC25-130	6-25	25	130	M16X2.0P 5/8"-11
NT40-SC32-85	6-32	32	85	
NT40-SC32-130	6-32	32	130	
NT50-SC25-85	6-25	25	85	M24X3.0P 1"-8
NT50-SC25-150	6-25	25	150	
NT50-SC32-90	6-32	32	90	
NT50-SC32-150	6-32	32	150	
NT50-SC42-95	6-42	42	95	
NT50-SC42-150	6-42	42	150	

Use: For mounting straight shank tools in collets; to use for high speed cutting and high precision milling

应用范围: 配直柄筒夹可夹持各种尺寸直柄刀具用于高速及高精度加工

ZH-0162 APU 钻夹头刀柄 APU Drill Chuck Holder



Model	Clamping Range	D	L	
			Min	Max
NT30-APU08-80	1-8	36.3	75	82
NT30-APU13-100	1-13	51.5	97	104.5
NT40-APU08-85	1-8	36.3	79	86.5
NT40-APU13-110	1-13	51.5	98	109
NT40-APU16-130	3-16	58	116	130
NT50-APU08-95	1-8	36.3	90	97.5
NT50-APU13-120	1-13	51.5	109	120
NT50-APU13-180	1-13	51.5	169	180
NT50-APU16-130	3-16	58	116	130
NT50-APU16-190	3-16	58	176	190

105 Use: For clamping tools with straight shank

应用范围: 夹持直径为0.5-16mm的钻头

ZH-0163 带螺纹孔莫氏刀柄 MTB Morse Taper Adapter(with Drawbar)DIN6364



Model	Capacity	D	L	C	G	Wt(kg)
NT30-MTB1-45	10-14	12.065	45	25	M6	0.6
NT30-MTB2-60	16-22	17.78	60	32	M10	0.9
NT30-MTB3-70	24-32	23.825	70	40	M12	1.0
NT40-MTB1-45	10-14	12.065	45	25	M6	1.2
NT40-MTB2-45	16-22	17.78	45	32	M10	1.3
NT40-MTB3-75	24-32	23.825	75	40	M12	1.9
NT40-MTB4-90	32-50	31.267	90	50	M16	2.5
NT50-MTB1-45	10-14	12.065	45	25	M6	3.0
NT50-MTB2-45	16-22	17.78	45	32	M10	3.2
NT50-MTB3-60	24-32	23.825	60	40	M12	3.5
NT50-MTB4-75	32-50	31.267	75	50	M16	4.0
NT50-MTB5-105	50-75	44.399	105	65	M20	6.0

Use: For clamping tools with Morse tapers and drawbar thread according to DIN228-1 form B

应用范围: 适用于夹持DIN228-1B型带外螺纹的莫氏柄刀具

ZH-0164 带扁尾莫氏刀柄 MTA Morse Taper Adapter DIN6383



Model	MT.No	L	C	Draw Bolt
NT30-MTA1-45	MTA1	45	25	M12X1.75P 1/2"-12
NT30-MTA2-50	MTA2	50	32	
NT30-MTA3-65	MTA3	65	40	
NT40-MTA1-30	MTA1	30	25	M16X2.0P 5/8"-11
NT40-MTA2-40	MTA2	40	32	
NT40-MTA3-70	MTA3	70	40	
NT40-MTA4-90	MTA4	90	50	M24X3.0P 1"-8
NT50-MTA2-30	MTA2	30	32	
NT50-MTA3-30	MTA3	30	40	
NT50-MTA4-70	MTA4	70	50	
NT50-MTA5-105	MTA5	105	65	

Use: For holding tools with Morse tapers and tang according to DIN228-1 form A

应用范围: 适用于夹持DIN228-1A型带扁尾莫氏柄刀具

ZH-0165 面铣刀柄 FMB Face Mill Holder DIN6357



Model	d	L1	L2	D	G	Draw Bolt
NT30-FMB22-40	22	40	18	53	M10	M12X1.75P 1/2"-12
NT30-FMB27-40	27	40	20	54	M12	
NT30-FMB32-40	32	40	21	59	M16	
NT40-FMB22-70	22	70	18	48	M10	M16X2.0P 5/8"-11
NT40-FMB27-70	27	70	20	58	M12	
NT40-FMB32-70	32	70	2	69	M16	
NT40-FMB40-70	40	70	24	80	M16	
NT40-FMB60-100	60	100	2	128	-	M24X3.0P 1"-8
NT50-FMB22-100	22	100	18	40	M10	
NT50-FMB27-100	27	100	20	70	M12	
NT50-FMB32-100	32	100	21	76	M16	
NT50-FMB40-100	40	100	24	88	M16	
NT50-FMB60-100	60	100	32	128	-	

Use: For holding like shell mill cutters

应用范围：用于夹持带径向驱动槽的铣刀，如面铣刀，立式盘铣刀，套式立铣刀

ZH-0166 面铣刀柄 FMA FACE MILL HOLDER(In inch)



Model	L1	Φd	ΦD	L2	W
NT30-FMA25.4-20	20	25.4	50	20	9.5
NT30-FMA31.75-25	25	31.75	60	22	12.7
NT30-FMA38.1-30	30	38.1	80	25	15.9
NT40-FMA25.4-20	25	25.4	50	20	9.5
NT40-FMA31.75-25	25	31.75	60	22	12.7
NT40-FMA38.1-30	30	38.1	80	25	15.9
NT40-FMA50.8-35	35	50.8	100	28	15.9
NT50-FMA25.4-35	35	25.4	50	20	9.5
NT50-FMA31.75-35	35	31.75	60	22	12.7
NT50-FMA38.1-35	35	38.1	80	25	15.9
NT50-FMA50.8-35	35	50.8	100	28	15.9

Use: For holding like shell mill cutters

应用范围：用于夹持带径向驱动槽的铣刀，如面铣刀，立式盘铣刀，套式立铣刀



Model	D	D1	L	G
NT30-SLN12-55	12	42	55	M12
NT30-SLN16-60	16	48	60	M12
NT30-SLN20-65	20	52	65	M12
NT30-SLN25-75	25	65	75	M12
NT40-SLN12-55	12	42	55	M16
NT40-SLN16-60	16	48	60	M16
NT40-SLN20-65	20	52	65	M16
NT40-SLN25-75	25	65	75	M16
NT40-SLN32-90	32	72	90	M16
NT40-SLN42-70	42	80	70	M16
NT50-SLN12-63	12	42	63	M24
NT50-SLN16-63	16	48	63	M24
NT50-SLN20-63	20	52	63	M24
NT50-SLN25-75	25	65	75	M24
NT50-SLN32-80	32	72	80	M24
NT50-SLN40-100	40	80	100	M24
NT50-SLN42-100	42	82	100	M24

Use: For clamping cutters with side lock and inclined flat of DIN1835-E
应用范围: 适用于夹持DIN1835-B及DIN6535-HB具有侧固平面的刀具



Model	d	D	L	A
NT30-SEMC16-35	16	32	17	35
NT30-SEMC22-35	22	40	19	35
NT30-SEMC27-35	27	48	21	35
NT30-SEMC32-50	30	58	24	50
NT40-SEMC16-52	16	32	17	52
NT40-SEMC22-52	22	40	19	52
NT40-SEMC27-52	27	48	21	52
NT40-SEMC32-52	32	58	24	52
NT40-SEMC40-52	40	70	27	52
NT50-SEMC16-55	16	32	17	55
NT50-SEMC22-55	22	40	19	55
NT50-SEMC27-55	27	48	21	55
NT50-SEMC32-55	32	58	24	55
NT50-SEMC40-55	40	70	27	55

Use: For clamping shell mill DIN841 and DIN1880
as well as angular milling cutter DIN842 and
cutter DIN1830

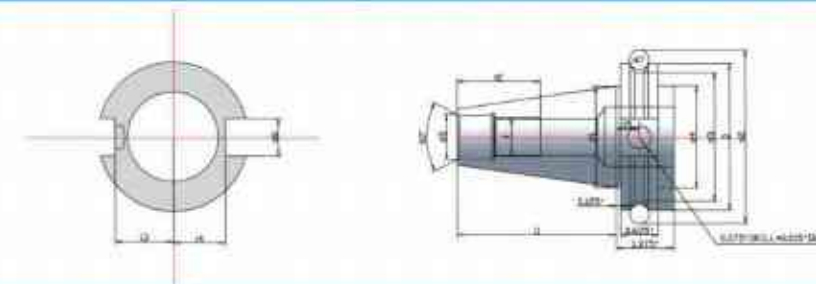
应用范围: 适用于夹持带轴向或带径向驱动槽的铣
刀如: 立式盘铣刀, 套式铣刀, 面铣
刀, 盘铣刀, 三面刃铣刀

ANSI CAT TOOL HOLDER



- 1、订购时请注明刀柄的标准形式。
- 2、根据需要可提供动平衡刀柄，标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm，订购时请注明具体精度。
- 1、When order please indicate the hilt the concrete form.
- 2、According to needs to be possible to provide the balanced hilt,the standard precision is G6.3/12000rpm,the precise precision is G2.5/20000rpm.

锥柄标准 Taper Standard



Model	D	d1	d2	d3	d4	d5	d6	d7	l1	l2	l3	l4	l5	T
CAT30	1.812	1.25	2.176	1.531	1.25	0.516	0.645	0.2813	1.875	0.188	0.735	0.64	0.44	1/2-12
CAT40	2.500	1.75	2.863	2.219	1.75	0.641	0.645	0.2813	2.687	0.188	0.985	0.89	0.44	5/8-11
CAT50	3.875	2.75	4.238	3.594	2.75	1.031	1.020	0.2813	4.000	0.250	1.485	1.39	0.44	1-8

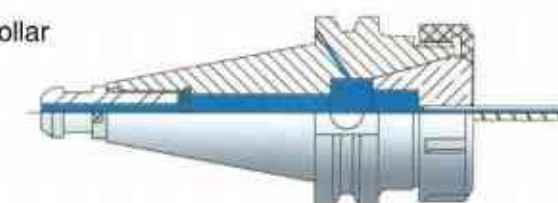
Material:Allyed case hardened steel,black-finished and precisely grinded
Taper tolerance:<AT3
Hardness:HRC 56-58
Carbon depth:0.8mm ± 0.2mm
Max run out:<0.005mm
Surface Roughness:Ra<0.005mm
Cooling AD+B type can be made by request
When Order,please specify balancing G6.3or G2.5.
Shank body standard:ANSI B5.50

材质：优质渗碳合金钢，发黑处理和精细研磨
锥柄：公差等级<AT3
硬度：HRC 56-58
渗碳深度：0.8mm ± 0.2mm
最大跳动：<0.005mm
表面粗糙度：Ra<0.005mm
刀柄本体可另外指定冷却方式AD+B
刀柄可指定动平衡G6.3或G2.5
本体规范ANSI B5.50

冷却方式 Cooling

Form A: without cooling supply
Form AD:central cooling supply
Form AD+B:central cooling and internal coolant through the collar

A型：无内冷孔
AD型：中心通水
AD+B型：中心通水及法兰通水



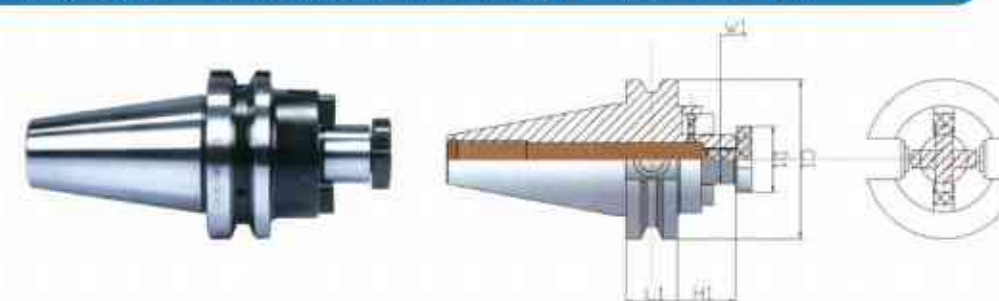
ZH-0169 ER弹簧夹头刀柄 ER Collet Chuck DIN6499



Model	D	d	Clamping range
CAT40xER16-70	28	44.45	0.5-10
CAT40xER16-100	28	44.45	0.5-10
CAT40x ER16-120	28	44.45	0.5-10
CAT40xER20-70	35	44.45	0.5-13
CAT40x ER20-100	35	44.45	0.5-13
CAT40xER25-70	42	44.45	0.5-16
CAT40x ER25-100	42	44.45	0.5-16
CAT40x ER25-150	42	44.45	0.5-16
CAT40xER32-70	50	44.45	1-20
CAT40xER32-100	50	44.45	1-20
CAT40x ER32-120	50	44.45	1-20
CAT40x ER32-150	50	44.45	1-20
CAT40x ER40-100	63	44.45	2-26
CAT40 x ER40-120	63	44.45	2-26
CAT50xER16-80	28	69.85	0.5-10
CAT50xER20-80	35	69.85	0.5-13
CAT50xER20-90	35	69.85	0.5-13
CAT50x ER20-105	35	69.85	0.5-13
CAT50x ER20-150	35	69.85	0.5-13
CAT50xER25-80	42	69.85	0.5-16
CAT50x ER25-105	42	69.85	0.5-16
CAT50x ER25-135	42	59.85	0.5-16
CAT50xER32-80	50	69.85	1-20
CAT50x ER32-100	50	69.85	1-20
CAT50xER32-120	50	69.85	1-20
CAT50xER40-80	63	69.85	2-26
CAT50x ER40-100	63	69.85	2-26
CAT50xER40-120	63	69.85	2-26

Use: For clamping tools with straight shank in collets of DIN 6499
应用范围: 配DIN6499 弹簧夹头可持各种尺寸直柄刀具

ZH-0170 面铣刀柄 ANSI B5.50 FMA FACE MILL HOLDER



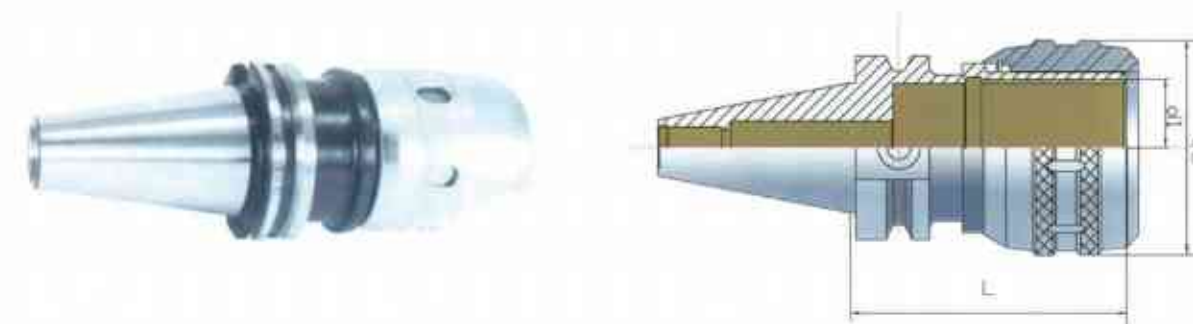
Model	D1	L1	H1	C1	W1
CAT40-FMA25.4-1.75"	25.4(1")	1.75"	17.5	2.362"	9.5(0.374")
CAT40-FMA31.75-2"	31.75(1.25")	2"	17.5	2.756"	12.7(0.5")
CAT40-FMA38.1-2"	38.1(1.5")	2"	23.8	3.346"	15.9(0.626")
CAT50-FMA25.4-1.75"	25.4(1")	1.75"	17.5	2.362"	9.5(0.374")
CAT50-FMA25.4-4"	25.4(1")	4"	17.5	2.362"	9.5(0.374")
CAT50-FMA25.4-6"	25.4(1")	6"	17.5	2.362"	9.5(0.374")
CAT50-FMA31.75-1.75"	31.75(1.25")	1.75"	17.5	2.756"	12.7(0.5")
CAT50-FMA31.75-4"	31.75(1.25")	4"	17.5	2.756"	12.7(0.5")
CAT50-FMA31.75-6"	31.75(1.25")	6"	17.5	2.756"	12.7(0.5")
CAT50-FMA38.1-2"	38.1(1.5")	2"	23.8	3.346"	15.9(0.626")
CAT50-FMA38.1-4"	38.1(1.5")	4"	23.8	3.346"	15.9(0.626")
CAT50-FMA38.1-6"	38.1(1.5")	6"	23.8	3.346"	19.05(0.75")
CAT50-FMA50.8-2"	50.8(2")	2"	24	3.74"	19.05(0.75")
CAT50-FMA50.8-4"	50.8(2")	4"	24	3.74"	19.05(0.75")
CAT50-FMA50.8-6"	50.8(2")	6"	24	3.74"	19.05(0.75")
CAT50-FMA47.625-3"	47.625(1.875")	3"	32	5.26"	25.4(1")

Use: For holding like shell mill cutters
应用范围: 用于夹持带径向驱动槽的铣刀, 如面铣刀, 立式盘铣刀, 套式立铣刀



Model	D1	L	L1	D	Collet Type
CAT40-OZ25-2.25"	1/8" -1"	2.25"	1.18"	2.36"	OZ25
CAT40-OZ25-4.00"	1/8" -1"	4.00"	1.18"	2.36"	OZ25
CAT40-OZ32-2.25"	1/4" -1-1/4"	2.25"	1.30"	2.83"	OZ32
CAT40-OZ32-4.00"	1/4" -1-1/4"	4.00"	1.30"	2.83"	OZ32
CAT50-OZ25-2.25"	1/8" -1"	2.25"	1.18"	2.36"	OZ25
CAT50-OZ25-4.00"	1/8" -1"	4.00"	1.18"	2.36"	OZ25
CAT50-OZ32-2.25"	1/4" -1-1/4"	2.25"	1.30"	2.83"	OZ32
CAT50-OZ32-4.00"	1/4" -1-1/4"	4.00"	1.30"	2.83"	OZ32

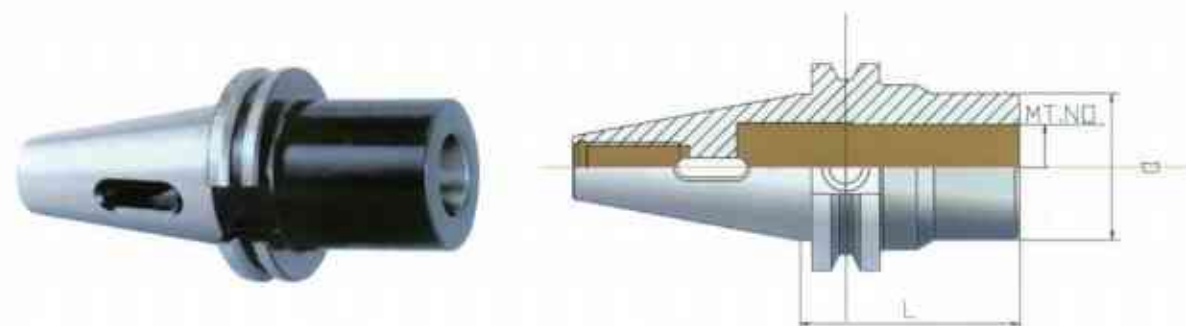
Use: For clamping tools with straight shank in collets of DIN6388
应用范围：配DIN6388 OZ弹簧夹头可夹持各种尺寸直柄刀具



Model	d1	d2	L	Wt(kg)
CAT40-SC3/4" -3.385"	3/4"	2.17	3.39"	1.9
CAT40-SC3/4" -4.13"	3/4"	2.17	4.13"	2.1
CAT40-SC1-1/4" -4.53"	1.25"	2.87	4.53"	2.4
CAT50-SC3/4" -4.13"	3/4"	2.17	4.13"	2.5
CAT50-SC1-1/4" -4.13"	1.25"	2.87	4.13"	2.8

Use: For mounting straight shank tools in collets; to use for high speed cutting and high precision milling
应用范围：配直柄筒夹可夹持各种尺寸直柄刀具用于高速及高精密加工

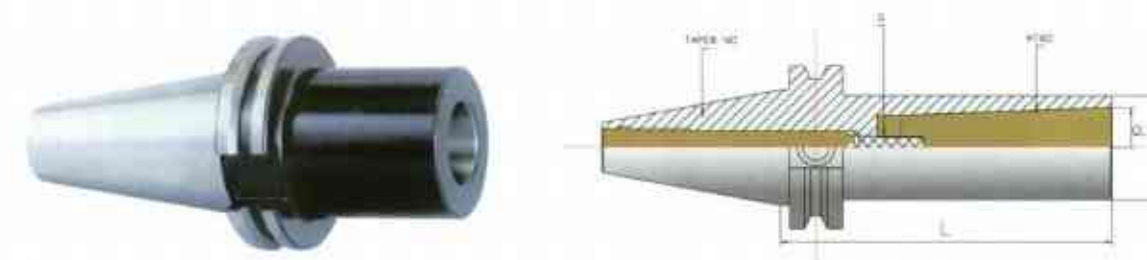
ZH-0173 带扁尾莫氏刀柄 ANSI B5.50 MTA Morse Taper Adapter DIN6383



Model	MT.No.	L	D	Wt(kg)
CAT40-MTA1-45	1	45	25	1.3
CAT40-MTA2-63	2	63	32	1.7
CAT40-MTA3-75	3	75	40	2
CAT40-MTA4-100	4	100	48	2.5
CAT50-MTA1-40	1	40	25	4
CAT50-MTA2-50	2	50	32	4
CAT50-MTA2-135	2	135	32	4.4
CAT50-MTA3-63	3	63	40	4.2
CAT50-MTA3-150	3	150	40	4.7
CAT50-MTA4-65	4	65	48	4.3
CAT50-MTA4-85	4	85	48	4.8
CAT50-MTA5-10	5	105	65	4.9

应用范围：适用于夹持DIN228-1A型带扁尾莫氏柄刀具
夹头可夹持各种尺寸直柄刀具

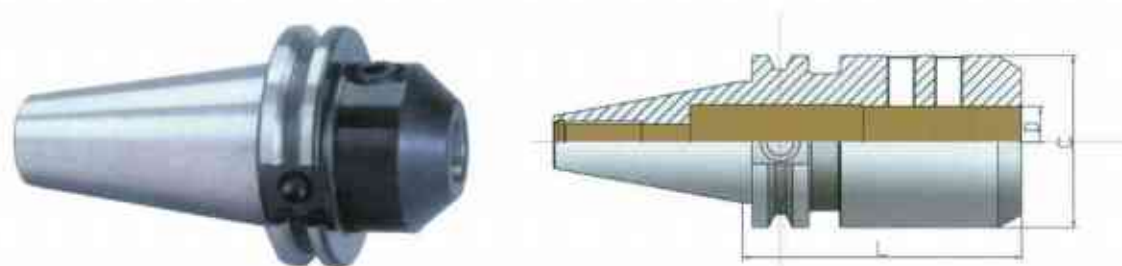
ZH-0174 带螺纹孔莫氏刀柄 ANSI B5.50 MTB Morse Taper Adapter (with Drawbar) DIN6364



Model	MT.No.	L	d	D	G	Wt(kg)
CAT40-MTB1-50	1	50	12.065	25	M6 × 1	1
CAT40-MTB2-50	2	50	17.78	32	M10 × 1.5	1.1
CAT40-MTB3-70	3	70	23.825	40	M12 × 1.75	1.2
CAT40-MTB4-95	4	95	31.267	50	M16 × 2	1.3
CAT45-MTB1-50	1	50	12.065	25	M6 × 1	2.4
CAT45-MTB2-60	2	60	17.78	32	M10 × 1.5	2.4
CAT45-MTB3-65	3	65	23.825	40	M12 × 1.75	2.4
CAT45-MTB4-70	4	70	31.267	50	M16 × 2	2.5
CAT50-MTB1-50	1	50	12.065	25	M6 × 1	3.9
CAT50-MTB2-60	2	60	17.78	32	M10 × 1.5	3.9
CAT50-MTB3-65	3	65	23.825	40	M12 × 1.75	3.9
CAT50-MTB4-70	4	70	31.267	50	M16 × 2	3.9

Use: For clamping tools with Mores tapers and drawbar thread according to DIN228-1 form B
应用范围：适用于夹持DIN228-1B型带外螺丝的莫氏柄刀具

ZH-0175 侧固式铣刀柄 ANSI B5.50 Side Lock End Mill Holder DIN6359/1835B(Weldon)



Model	D	C	L
CAT40-SLN6-50	6	25	50
CAT40-SLN8-50	8	28	50
CAT40-SLN10-50	10	35	50
CAT40-SLN12-50	12	42	50
CAT40-SLN16-63	16	48	63
CAT40-SLN20-63	20	52	63
CAT40-SLN25-100	25	65	100
CAT40-SLN32-100	32	72	100
CAT50-SLN6-63	6	25	63
CAT50-SLN8-63	8	28	63
CAT50-SLN10-63	10	35	63
CAT50-SLN12-63	12	42	63
CAT50-SLN16-63	16	48	63
CAT50-SLN20-63	20	52	63
CAT50-SLN25-80	25	65	80
CAT50-SLN32-100	32	72	100
CAT50-SLN40-120	40	80	120
CAT50-SLN50-130	50	100	130

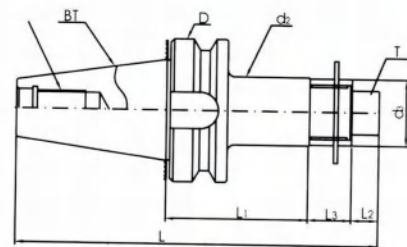
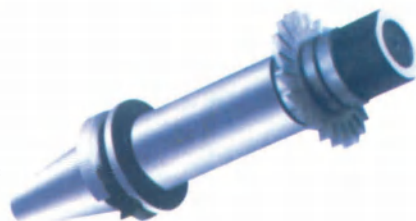
Use: For clamping cutters with side lock and inclined flat of DIN1835-B and DIN6535-HB
应用范围: 适用于夹持DIN1835-B及DIN6535-HB具有侧固平面的刀具

ZH-0176 钻夹头刀柄 ANSI B5.50 APU Drill Chuck Holder APU



Model	Clamping Range	D	L	
			Min	Max
CAT40-APU08	1-8	36.3	65	76.5
CAT40-APU13	1-13	51.5	88	99
CAT40-APU16	3-16	58	106	120
CAT50-APU08	1-8	36.3	70	77.5
CAT50-APU13	1-13	51.5	89	100
CAT50-APU16	3-16	58	96	110

Use: For clamping tools with straight shank
应用范围: 夹持直径为0.5-16mm的钻头

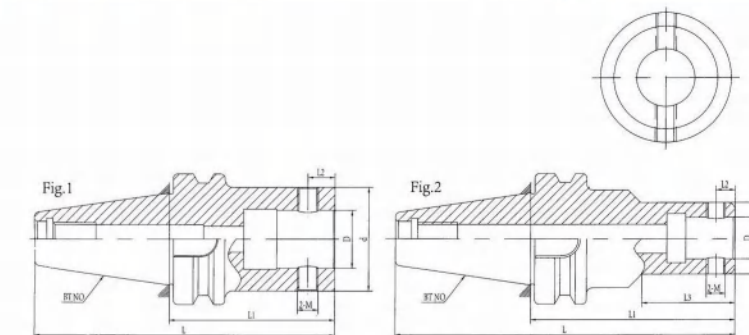


Model (d1-I1) Cat.No	L	L2	L3	D	d2	d3	K	H	T	重量 (KGS)
BT40 × SCA22-75	192.4	22	30	63	34	34	6	24.3	M20 × 1.5P	1.7
BT40 × SCA22-120	237.4	22	30	63	34	34	6	24.3	M20 × 1.5P	2.0
BT40 × SCA27-75	198.4	28	30	63	41	40	7	30	M24 × 1.5P	2.1
BT40 × SCA27-120	243.4	28	30	63	41	40	7	30	M24 × 1.5P	2.5
BT40 × SCA32-90	217.4	32	30	63	47	47	8	35	M30 × 1.5P	2.6
BT40 × SCA22.22-75	192.4	22	30	63	34	34	3.17	24.6	M20 × 1.5P	1.7
BT40 × SCA22.22-120	237.4	28	30	63	34	34	3.17	24.6	M24 × 1.5P	2.0
BT40 × SCA25.40-75	198.4	28	30	63	41	40	6.35	28.4	M24 × 1.5P	2.0
BT40 × SCA25.40-120	243.4	28	30	63	41	40	6.35	28.4	M24 × 1.5P	2.4
BT40 × SCA31.75-90	217.4	32	30	63	47	47	7.93	34.8	M30 × 1.5P	2.6
BT50 × SCA22-90	243.8	22	30	100	34	34	6	24.3	M20 × 1.5P	4.4
BT50 × SCA22-135	288.8	22	30	100	34	34	6	24.3	M20 × 1.5P	4.7
BT50 × SCA27-90	249.8	28	30	100	41	40	7	30	M24 × 1.5P	4.6
BT50 × SCA27-135	294.8	28	30	100	41	40	7	30	M24 × 1.5P	5.0
BT50 × SCA32-90	253.8	32	30	100	47	47	8	35	M30 × 1.5P	4.7
BT50-SCA32-135	298.8	32	30	100	47	47	8	35	M30 × 1.5P	5.2
BT50 × SCA40-90	261.8	40	30	100	55	55	10	43.7	M36 × 2.0P	5.0
BT50 × SCA40-135	306.8	40	30	100	55	55	10	43.7	M36 × 2.0P	6.0
BT50 × SCA25.4-90	249.8	28	30	100	41	40	6.35	28.4	M24 × 1.8P	4.5
BT50 × SCA25.4-135	294.8	28	30	100	41	40	6.35	28.4	M24 × 1.5P	4.9
BT50 × SCA31.75-90	283.8	32	30	100	47	47	7.93	34.8	M30 × 1.5P	4.7
BT50 × SCA31.75-135	298.8	32	30	100	47	47	7.93	34.8	M30 × 1.5P	5.2
BT50 × SCA38.10-90	261.8	40	30	100	55	55	9.52	42.4	M36 × 2.0P	4.9
BT50 × SCA38.10-135	306.8	40	30	100	55	55	9.52	42.4	M36 × 2.0P	5.9



双刃粗镗刀柄
LBK TWIN-BORE CUTTER TOOL HOLDER

特性
BT NO 锥柄锥度执行AT3标准
D内孔执行公差H5
整支中心出水利于出水及抗震

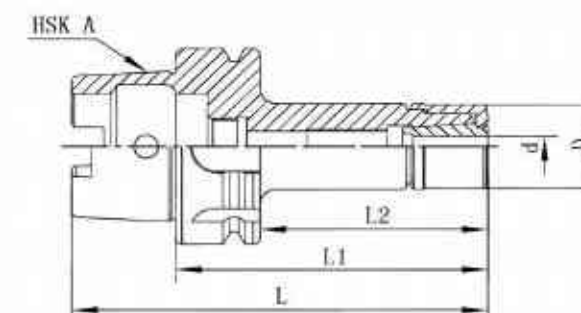


Features
BT NO taper shank executives AT3 standard;
Tolerance H5 for D inner bore;
Entire center cooling is good for through coolant and antivibration.

Model	型式 Type	D	d	L	L1	L2	L3	M
BT30	Fig.1	11	19	118.4	70	5.05	-	M4 × 0.5
		14	24	128.4	80	6.55		M5 × 0.5
		18	31	128.4	80	8.05		M6 × 0.75
		22	39	118.4	70	10.05		M8 × 0.75
		28	50	108.4	60	13.05		M10 × 1
		36	64	108.4	60	16.05		M12 × 1
BT40	Fig.1	11	19	140.4	75	5.05	-	M4 × 0.5
		14	24	150.4	85	6.55		M5 × 0.5
		18	31	180.4	115	8.05		M6 × 0.75
		22	39	160.4	95	10.05		M8 × 0.75
		28	50	190.4	125	13.05		M10 × 1
		36	64	220.4	155	16.05		M12 × 1
	Fig.1	11	19	135.4	70	5.05	-	M4 × 0.5
		14	24	195.4	130	6.55		M5 × 0.5
		18	31	240.4	175	8.05		M6 × 0.75
		22	39	140.4	75	10.05		M8 × 0.75
		28	50	190.4	125	13.05		M10 × 1
		36	64	240.4	175	16.05		M12 × 1
BT50	Fig.2	11	19	216.8	115	5.05	40	M4 × 0.5
		14	24	246.8	145	6.55	70	M5 × 0.5
		18	31	241.8	140	8.05		M6 × 0.75
	Fig.1	22	39	226.8	125	10.05	-	M8 × 0.75
		28	50	256.8	155	13.05		M10 × 1
		36	64	216.8	115	16.05		M12 × 1
		40	70	246.8	145			
		44	74	276.8	175			
		48	78	306.8	205			
	Fig.2	52	82	206.8	105	195	-	M10 × 1
		56	86	281.8	180			
		60	90	341.8	240			
	Fig.1	64	94	401.8	300	16.05	-	M12 × 1
		68	98	196.8	95			
		72	102	271.8	170			
		76	106	331.8	230			
		80	110	391.8	290			
		84	114	451.8	350			

ZH-0179 GSK 夹头刀柄 COLLET CHUCK

HSK TOOL HOLDERS

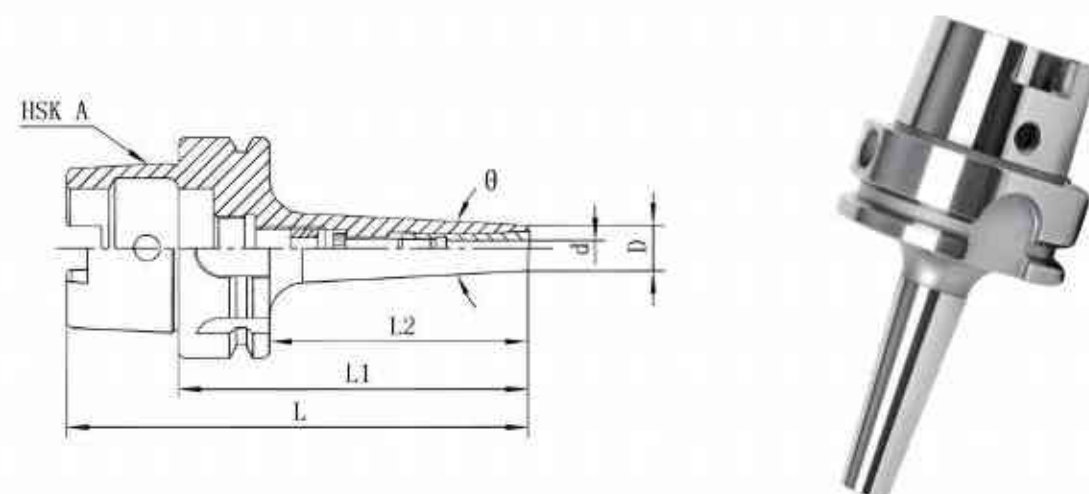


- 筒夹采用单边4° 设计，重复装夹精度更高
- 全圆螺帽设计，噪音低、风阻小，适合高速
- The design uses 4 deg collet clamp unilateral, high precision repeat loading
- All - round nut design, low noise, small wind resistance, suitable for high speed

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	Model	L	L1	L2	D	d (夹持范围)
HSK63A	GSK06-70	102	70	44	19.5	2 ~ 6
	GSK06-100	132	100	74	19.5	2 ~ 6
	GSK06-130	162	130	104	19.5	2 ~ 6
	GSK10-70	102	70	44	27.5	3 ~ 10
	GSK10-100	132	100	74	27.5	3 ~ 10
	GSK10-130	162	130	104	27.5	3 ~ 10
	GSK10-160	192	160	134	27.5	3 ~ 10
	GSK13-70	102	70	44	36	3 ~ 13
	GSK13-100	132	100	74	36	3 ~ 13
	GSK13-130	162	130	104	36	3 ~ 13
	GSK13-160	192	160	134	36	3 ~ 13
	GSK16-70	102	70	44	40.5	3 ~ 16
	GSK16-100	132	100	74	40.5	3 ~ 16
	GSK16-130	162	130	104	40.5	3 ~ 16
	GSK16-160	192	160	134	40.5	3 ~ 16
	GSK20-70	102	70	44	48.5	3 ~ 20
	GSK20-100	132	100	74	48.5	3 ~ 20
	GSK20-130	162	130	104	48.5	3 ~ 20
	GSK20-160	192	160	134	48.5	3 ~ 20
	GSK25-100	132	100	74	55.5	6 ~ 25
	GSK25-130	162	130	104	55.5	6 ~ 25
HSK100A	GSK10-100	150	100	71	27.5	3 ~ 10
	GSK10-160	210	160	131	27.5	3 ~ 10
	GSK13-100	150	100	71	36	3 ~ 13
	GSK13-160	210	160	131	36	3 ~ 13
	GSK16-100	150	100	71	40.5	3 ~ 16
	GSK16-160	210	160	131	40.5	3 ~ 16
	GSK20-100	150	100	71	48.5	3 ~ 20
	GSK20-160	210	160	131	48.5	3 ~ 20
	GSK25-100	150	100	71	55.5	6 ~ 25
	GSK25-160	210	160	131	55.5	6 ~ 25

ZH-0180 SDC 夹头刀柄 SDC COLLET CHUCK

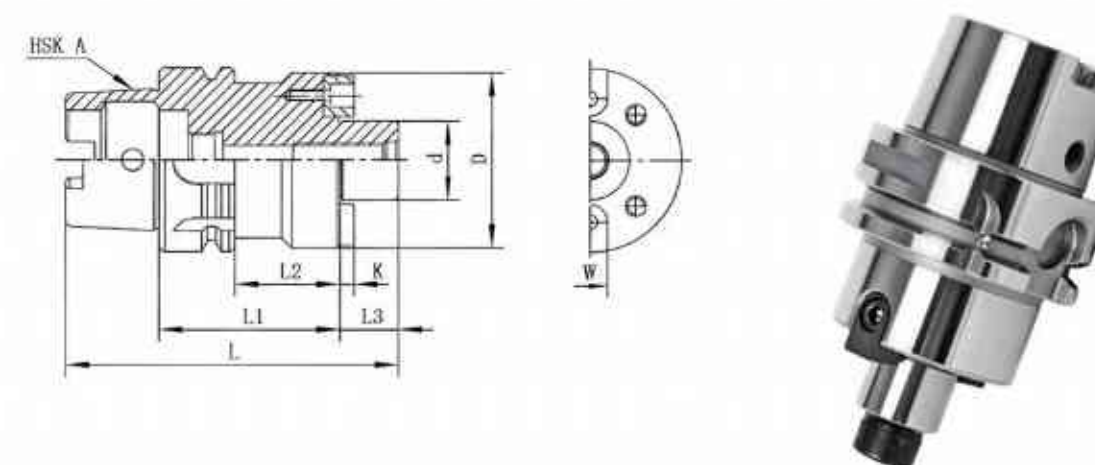


- 无螺母的后拉式筒夹设计，刚性强稳定性高。
- 建议使用扭力扳手，不要超过推荐值的30%，过高的扭力，可能导致刀柄的变形。
- Collet nut design no pull, strong stability and high rigidity
- The recommended torque wrench, do not exceed the recommended value 30%, high torque, the deformation may lead

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订货编号	L	L1	L2	θ	D	d (夹持范围)	推荐扭力
HSK63A	SDC6-95	127	95	6°	14	3~6	5Nm
	SDC6-120	152	120	6°	14	3~6	5Nm
	SDC6-150	182	150	6°	14	3~6	5Nm
	SDC8-100	132	100	6°	22	3~8	7Nm
	SDC8-120	152	120	6°	22	3~8	7Nm
	SDC8-150	182	150	6°	22	3~8	7Nm
	SDC12-120	152	120	—	34	3~12	12Nm
HSK100A	SDC6-110	160	110	6°	14	3~6	5Nm
	SDC6-150	200	150	6°	14	3~6	5Nm
	SDC8-120	170	120	6°	22	3~8	7Nm
	SDC8-150	200	150	6°	22	3~8	7Nm
	SDC12-120	170	120	—	34	3~12	12Nm

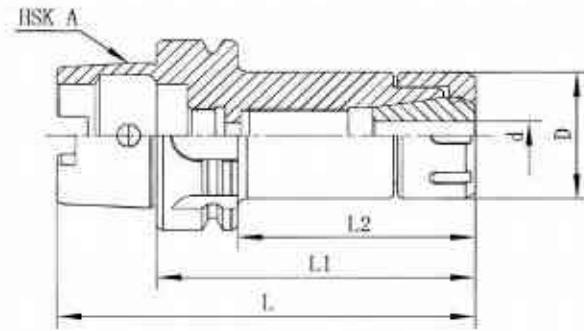
ZH-0181 FMA 面铣刀柄 FACE MILL ARBOR



- 平面铣刀配合部位 (d) 轴系公差h6
- The face milling cutter with parts (d) shaft tolerance h6

订货编号		L	L1	L2	L3	d	D	K	W
HSK63A	FMA25.4-50	102	50	24	20	25.4	50	4.52	9.52
	FMA25.4-100	152	100	74	20	25.4	50	4.52	9.52
	FMA31.75-60	114	60	34	22	31.75	60	6.7	12.7
	FMA31.75-100	154	100	74	22	31.75	60	6.7	12.7
	FMA38.1-60	117	60	34	25	38.1	75	8.87	15.87
HSK100A	FMA25.4-60	130	60	31	20	25.4	50	4.52	9.52
	FMA25.4-100	170	100	71	20	25.4	50	4.52	9.52
	FMA31.75-60	132	60	31	22	31.75	60	5.8	12.7
	FMA31.75-100	172	100	71	22	31.75	60	5.8	12.7
	FMA38.1-60	135	60	31	25	38.1	80	8.3	15.87

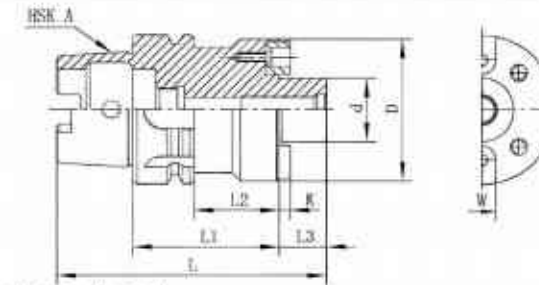
ZH-0182 ER 夹头刀柄 COLLET CHUCK



- 装入筒夹和更换刀具，必须把螺帽和主体螺纹清理干净，并添加润滑脂，否则会造成螺纹损坏
- 装置时筒夹必须先装入螺帽，再装入刀具，接着锁固本体
- 刀具置入筒夹内孔，必需超出筒夹有效夹持长度，避免不当锁紧，造成损坏
- A collet and replacement of cutting tools, screw nut and body must be clean, and add grease, Otherwise it will cause damage to the thread
- The device must be placed when the collet nut, and then into the tool, then the lock body
- The placement tool collet hole, clamping collet must exceed effective length, to avoid improper locking dama

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订货编号	L	L1	L2	D	d (夹持范围)	
HSK63A	ER16-75	107	75	49	28	1-10
	ER16-100	132	100	74	28	1-10
	ER16-130	162	130	104	28	1-10
	ER16-160	192	160	134	28	1-10
	ER20-75	107	75	49	34	1-13
	ER20-100	132	100	74	34	1-13
	ER20-130	162	130	104	34	1-13
	ER20-160	192	160	134	34	1-13
	ER25-75	107	75	49	42	3-16
	ER25-100	132	100	74	42	3-16
	ER25-130	162	130	104	42	3-16
	ER25-160	192	160	134	42	3-16
	ER32-75	107	75	49	50	3-20
	ER32-100	132	100	74	50	3-20
	ER32-130	162	130	104	50	3-20
	ER32-160	192	160	134	50	3-20
HSK100A	ER40-120	152	120	94	63	3-26
	ER40-160	192	160	134	63	3-26
	ER16-100	150	100	71	28	1-10
	ER16-160	210	160	131	28	1-10
	ER20-100	150	100	71	34	1-13
	ER20-160	210	160	131	34	1-13
	ER25-100	150	100	71	42	3-16
	ER25-160	210	160	131	42	3-16
	ER32-100	150	100	71	50	3-20
	ER32-160	210	160	131	50	3-20
	ER40-100	150	100	71	63	3-26
	ER40-160	210	160	131	63	3-26

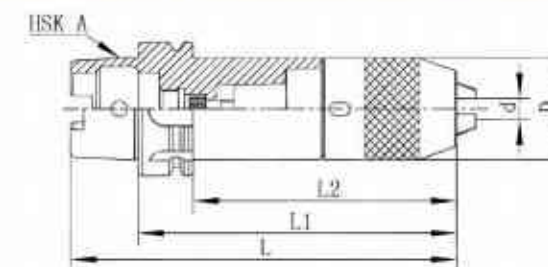
ZH-0183 FMB 面铣刀柄 FACE MILL ARBOR



- 平面铣刀配合部位 (d) 轴系公差h6
- The face milling cutter with parts (d) shaft tolerance h6

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订货编号	L	L1	L2	L3	d	D	K	W	
HSK63A	FMB16-50	99	50	24	17	16	32	3.8	8
	FMB16-100	149	100	74	17	16	32	3.8	8
	FMB22-50	100	50	24	18	22	48	4.8	10
	FMB22-100	150	100	74	18	22	48	4.8	10
	FMB27-60	112	60	44	20	27	60	5.8	12
	FMB27-100	152	100	74	20	27	60	5.8	12
	FMB32-60	114	60	44	22	32	63	6.8	14
	FMB32-100	154	100	74	22	32	63	6.8	14
HSK100A	FMB40-60	117	60	44	25	40	75	8.3	16
	FMB22-60	128	60	31	18	22	48	4.8	10
	FMB22-100	168	100	71	18	22	48	4.8	10
	FMB27-60	130	60	31	20	27	60	5.8	12
	FMB27-100	170	100	71	20	27	60	5.8	12
	FMB32-60	132	60	31	22	32	63	6.8	14
	FMB32-100	172	100	71	22	32	63	6.8	14
	FMB40-60	135	60	31	25	40	85	8.3	16

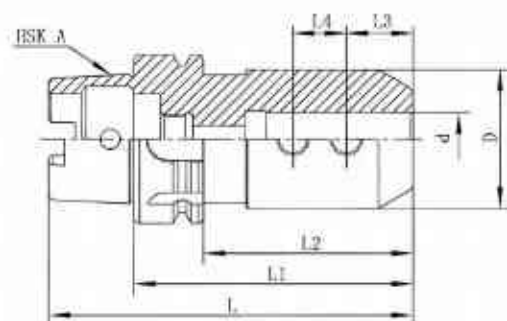
ZH-0184 APU 一体式钻夹头刀柄 KEYLESS DRILL CHUCK



- 刀柄和夹头结合为一体，即使作重切削加工，夹头也不会脱落
- 操作简单、快速方便、安全性高、不易松脱
- The handle and the chuck is combined, even for heavy cutting processing, chuck will not fall off
- Fast, easy operation, high safety

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订货编号	L	L1	D	d (夹持范围)	
HSK63A	APU08-120	152	120	38	1-8
	APU13-155	187	155	50	1-13
	APU16-160	192	160	58	3-16
HSK100A	APU13-160	210	160	50	1-13
	APU16-165	215	165	58	3-16

ZH-0185 SLN 侧固式刀柄 (JIS型) SIDE LOCK HOLDER (JIS)

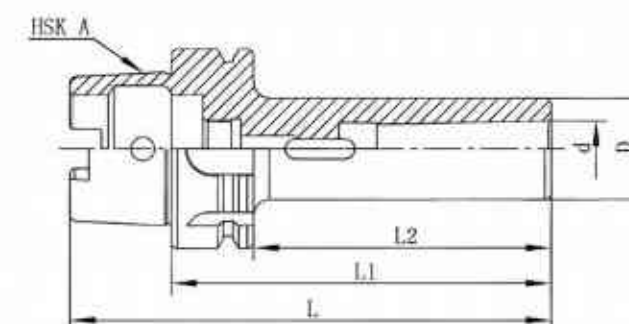


- 夹持孔径公差H5
- 不分孔径皆为两只锁固螺钉
- The clamping hole tolerance H5
- Regardless of aperture are two locking screw

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订货编号		L	L1	L2	L3	L4	D	d
HSK63A	SLN06-65	97	65	39	12	10	25	6
	SLN08-65	97	65	39	14	12	28	8
	SLN10-65	97	65	39	15	14	35	10
	SLN12-80	112	80	54	20	16	42	12
	SLN16-80	112	80	54	22	18	48	16
	SLN20-80	112	80	54	25	20	52	20
	SLN25-110	142	110	84	24	25	57	25
	SLN32-110	142	110	84	24	28	63	32
HSK100A	SLN06-80	130	80	51	12	10	25	6
	SLN08-80	130	80	51	14	12	28	8
	SLN10-80	130	80	51	15	14	35	10
	SLN12-80	130	80	51	20	16	42	12
	SLN16-100	150	100	71	22	18	48	16
	SLN20-100	150	100	71	25	20	52	20
	SLN25-120	170	120	91	24	25	57	25
	SLN32-120	170	120	91	24	28	63	32
	SLN40-120	170	120	91	30	32	72	40

ZH-0186 MTA 莫氏锥度刀柄 MORSE TAPER HOLDER

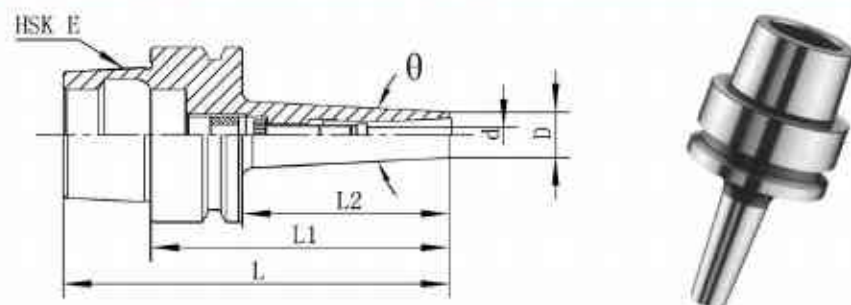


- 用于带莫氏锥度的钻头等刀具、装卸刀具时间短、容易操作
- For Morse taper drill tool, tool handling time is short, easy to operate

mm

订货编号		L	L1	L2	D	d
HSK63A	MTA1-100	132	100	74	25	12.065
	MTA2-120	152	120	94	32	17.78
	MTA3-140	172	140	114	40	23.825
	MTA4-160	192	160	134	50	31.267
HSK100A	MTA1-110	160	110	81	25	12.065
	MTA2-120	170	120	91	32	17.78
	MTA3-150	200	150	121	40	23.825
	MTA4-170	220	170	141	50	31.267

ZH-0187 SDC 夹头刀柄 COLLET CHUCK

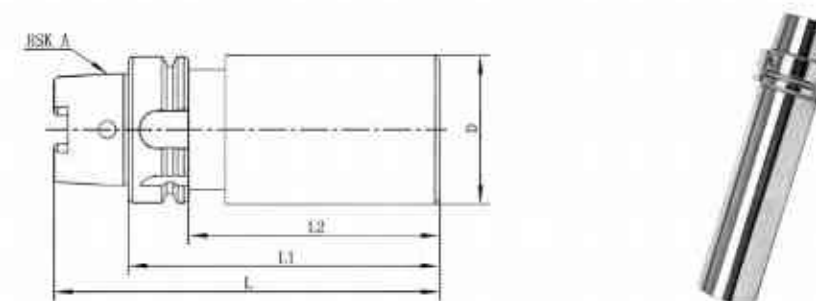


- 无螺帽的后拉式筒夹设计，刚性稳定度高
- 建议使用扭力扳手，不要超过推荐值的30%，过高的扭力，可能导致刀柄的变形
- Collet nut design no pull, strong stability and high rigidity
- The recommended torque wrench, do not exceed the recommended value of 30%, high torque, the deformation may lead

mm

Model		L	L1	L2	θ	D	d (夹持范围)
HSK40E	SDC6-70	90	70	50	6°	14	3 ~ 6
	SDC8-80	100	80	60	6°	22	3 ~ 8
HSK50E	SDC6-75	100	75	49	6°	14	3 ~ 6
	SDC8-80	105	80	54	6°	22	3 ~ 8

ZH-0189 毛坯型刀柄 BLANK HOLDER

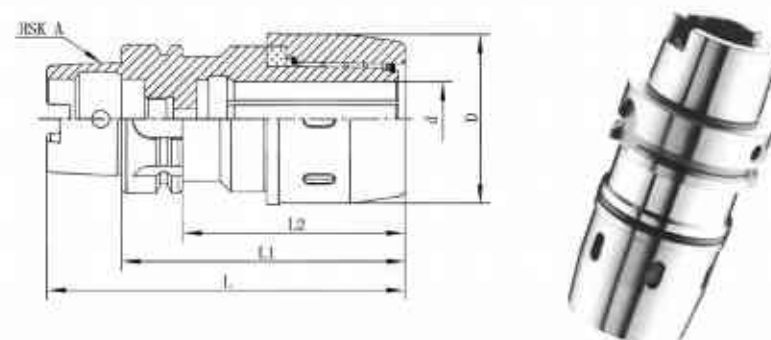


- 用于特殊制造
- 锥柄法兰槽硬化并精磨，圆柱部分未硬化
- For special manufacture
- Taper shank flange groove hardening and fine grinding, cylindrical part not hardened

mm

Model	L	L1	L2	D
HSK63A	282	250	224	64
HSK100A	300	250	221	83

ZH-0188 HLC 强力型刀柄 POWER MILLING CHUCK



- 刀柄夹持孔6槽设计，防止滑动、增大夹持力
- 螺帽外表均匀一致，降低风阻、适合高速
- Handle clamping hole 6 to prevent sliding groove design increases the blessing
- The appearance of nut uniformity, reduce wind resistance, suitable for high speed

mm

Model		L	L1	L2	D	d (夹持范围)
HSK63A	HLC32-120	152	120	94	73	6 ~ 32
	HLC32-150	182	150	124	73	6 ~ 32
HSK100A	HLC32-120	170	120	91	73	6 ~ 32
	HLC32-165	215	165	136	73	6 ~ 32

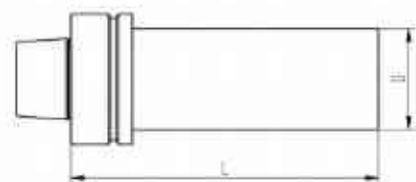
ZH-0190 ISO-ER数控铣夹头刀柄 ISO SERIES MILLING TOOLHOLDER



mm

Model	L	L1	L2	D
ISO30-ER16-70	113	70	48	28
ISO30-ER20-70	113	70	48	34
ISO30-ER25-100	143	100	78	42
ISO30-ER32-50	93	50	28	50
ISO30-ER32-100	143	100	78	50
ISO30-ER40-70	113	70	48	63

ZH-0191 HSK A/F主轴测试棒 TEST BAR



Model	D	L
HSK50A-D30-200	30	200
HSK63A-D40-300	40	300
HSK80A-D50-300	50	300
HSK100A-D50-300	50	300
HSK50F-D30-200	30	200
HSK63F-D40-300	40	300
HSK80F-D50-300	50	300

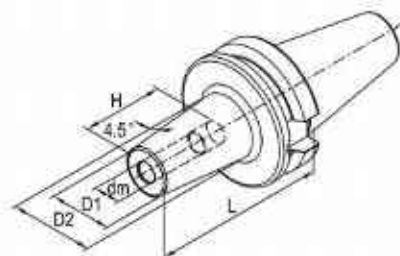
ZH-0192 BT/BBT/SK/NT/CAT主轴检验棒 TEST BAR



Model	D	L
BT/BBT30-D30-300	30	300
BT/BBT40-D40-300	40	300
BT/BBT50-D50-300	50	300
SK30-D30-300	30	300
SK40-D40-300	40	300
SK50-D50-300	50	300
NT30-D30-300	30	300
NT40-D40-300	40	300
NT50-D50-300	50	300
CAT40-D40-300	40	300
CAT50-D50-300	50	300

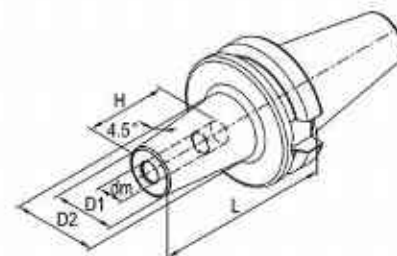
SHRINK & HYDRAULIC TOOL HOLDER





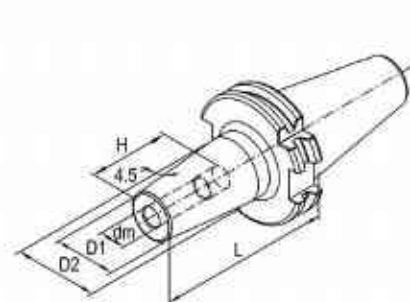
mm

Model	dm	D1	D2	L	H
BT30-SF04-60	4	15	20	60	15
BT30-SF06-80	6	20	27	80	35
BT30-SF08-80	8	20	27	80	35
BT30-SF10-80	10	24	32	80	40
BT30-SF12-80	12	24	32	80	45
BT30-SF16-80	16	27	34	80	50
BT40-SF03-80	3	15	20	80	15
BT40-SF04-80	4	15	20	80	15
BT40-SF05-80	5	15	20	80	15
BT40-SF06-90	6	20	27	90	35
BT40-SF06-120	6	20	27	120	35
BT40-SF06-160	6	20	32	160	35
BT40-SF08-90	8	20	27	90	35
BT40-SF08-120	8	20	27	120	35
BT40-SF08-160	8	20	32	160	35
BT40-SF10-90	10	24	32	90	40
BT40-SF10-120	10	24	32	120	40
BT40-SF10-160	10	24	34	160	40
BT40-SF12-90	12	24	32	90	45
BT40-SF12-120	12	24	32	120	45
BT40-SF12-160	12	24	34	160	45
BT40-SF14-90	14	27	34	90	45
BT40-SF14-120	14	27	34	120	45
BT40-SF14-160	14	27	42	160	45
BT40-SF16-90	16	27	34	90	50
BT40-SF16-120	16	27	34	120	50
BT40-SF16-160	16	27	42	160	50
BT40-SF18-90	18	33	42	90	50
BT40-SF18-120	18	33	42	120	50
BT40-SF18-160	18	33	51	160	50
BT40-SF20-90	20	33	42	90	50
BT40-SF20-120	20	33	42	120	50
BT40-SF20-160	20	33	51	160	50



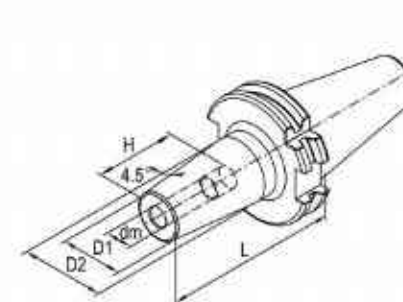
mm

Model	dm	D1	D2	L	H
BT40-SF25-100	25	44	53	100	55
BT40-SF25-120	25	44	53	120	55
BT40-SF25-160	25	44	60	160	55
BT50-SF06-100	6	20	27	100	35
BT50-SF06-120	6	20	27	120	35
BT50-SF06-160	6	20	32	160	35
BT50-SF08-100	8	20	27	100	35
BT50-SF08-120	8	20	27	120	35
BT50-SF08-160	8	20	32	160	35
BT50-SF10-100	10	24	32	100	40
BT50-SF10-120	10	24	32	120	40
BT50-SF10-160	10	24	34	160	40
BT50-SF12-100	12	24	32	100	45
BT50-SF12-120	12	24	32	120	45
BT50-SF12-160	12	24	34	160	45
BT50-SF14-100	14	27	34	100	45
BT50-SF14-120	14	27	34	120	45
BT50-SF14-160	14	27	42	160	45
BT50-SF16-100	16	27	34	100	50
BT50-SF16-120	16	27	34	120	50
BT50-SF16-160	16	27	42	160	50
BT50-SF18-100	18	33	42	100	50
BT50-SF18-120	18	33	42	120	50
BT50-SF18-160	18	33	51	160	50
BT50-SF20-100	20	33	42	100	50
BT50-SF20-120	20	33	42	120	50
BT50-SF20-160	20	33	51	160	50
BT50-SF25-110	25	44	53	110	55
BT50-SF25-135	25	44	60	135	55
BT50-SF25-160	25	44	60	160	55
BT50-SF32-110	32	44	53	110	55
BT50-SF32-135	32	44	60	135	55
BT50-SF32-160	32	44	60	160	55



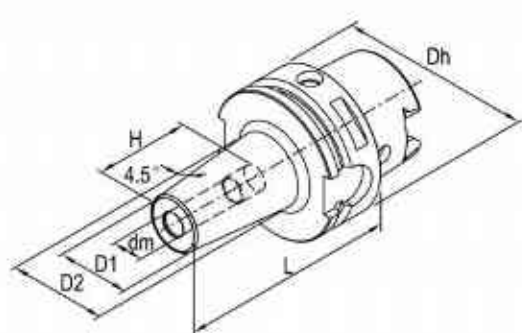
mm

Model	dm	D1	D2	L	H
JT40-SF03-80	3	15	20	80	15
JT40-SF04-80	4	15	20	80	15
JT40-SF05-80	5	15	20	80	15
JT40-SF06-80	6	20	27	80	35
JT40-SF06-120	6	20	27	120	35
JT40-SF06-160	6	20	32	160	35
JT40-SF08-80	8	20	27	80	35
JT40-SF08-120	8	20	27	120	35
JT40-SF08-160	8	20	32	160	35
JT40-SF10-80	10	24	32	80	40
JT40-SF10-120	10	24	32	120	40
JT40-SF10-160	10	24	34	160	40
JT40-SF12-80	12	24	32	80	45
JT40-SF12-120	12	24	32	120	45
JT40-SF12-160	12	24	34	160	45
JT40-SF14-80	14	27	34	80	45
JT40-SF14-120	14	27	34	120	45
JT40-SF14-160	14	27	42	160	45
JT40-SF16-80	16	27	34	80	50
JT40-SF16-120	16	27	34	120	50
JT40-SF16-160	16	27	42	160	50
JT40-SF18-80	18	33	42	80	50
JT40-SF18-120	18	33	42	120	50
JT40-SF18-160	18	33	51	160	50
JT40-SF20-80	20	33	42	80	50
JT40-SF20-120	20	33	42	120	50
JT40-SF20-160	20	33	51	160	50
JT40-SF25-100	25	44	53	100	55
JT40-SF25-120	25	44	53	120	55
JT40-SF25-160	25	44	60	160	55



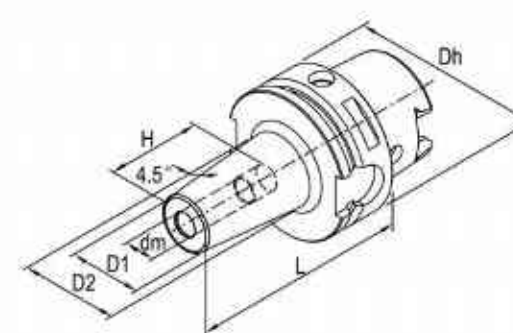
mm

Model	dm	D1	D2	L	H
JT50-SF06-80	6	20	27	80	35
JT50-SF06-120	6	20	27	120	35
JT50-SF06-160	6	20	32	160	35
JT50-SF08-80	8	20	27	80	35
JT50-SF08-120	8	20	27	120	35
JT50-SF08-160	8	20	32	160	35
JT50-SF10-80	10	24	32	80	40
JT50-SF10-120	10	24	32	120	40
JT50-SF10-160	10	24	34	160	40
JT50-SF12-80	12	24	32	80	45
JT50-SF12-120	12	24	32	120	45
JT50-SF12-160	12	24	34	160	45
JT50-SF14-80	14	27	34	80	45
JT50-SF14-120	14	27	34	120	45
JT50-SF14-160	14	27	42	160	45
JT50-SF16-80	16	27	34	80	50
JT50-SF16-120	16	27	34	120	50
JT50-SF16-160	16	27	42	160	50
JT50-SF18-80	18	33	42	80	50
JT50-SF18-120	18	33	42	120	50
JT50-SF18-160	18	33	51	160	50
JT50-SF20-80	20	33	42	80	50
JT50-SF20-120	20	33	42	120	50
JT50-SF20-160	20	33	51	160	50
JT50-SF25-100	25	44	53	100	55
JT50-SF25-120	25	44	53	120	55
JT50-SF25-160	25	44	60	160	55
JT50-SF32-100	32	44	53	100	55
JT50-SF32-120	32	44	53	120	55
JT50-SF32-160	32	44	60	160	55



mm

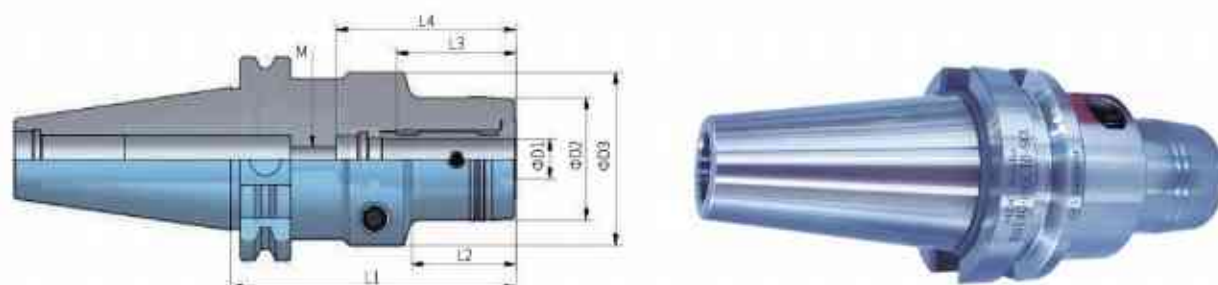
Model	dm	Dh	D1	D2	L	H
HSK63A-SF03-80	63	3	15	20	80	15
HSK63A-SF04-80	63	4	15	20	80	15
HSK63A-SF05-80	63	5	15	20	80	15
HSK63A-SF06-80	63	6	20	27	80	35
HSK63A-SF06-120	63	6	20	27	120	35
HSK63A-SF06-160	63	6	20	32	160	35
HSK63A-SF08-80	63	8	20	27	80	35
HSK63A-SF08-120	63	8	20	27	120	35
HSK63A-SF08-160	63	8	20	32	160	35
HSK63A-SF10-85	63	10	24	32	85	40
HSK63A-SF10-120	63	10	24	32	120	40
HSK63A-SF10-160	63	10	24	34	160	40
HSK63A-SF12-90	63	12	24	32	90	45
HSK63A-SF12-120	63	12	24	32	120	45
HSK63A-SF12-160	63	12	24	34	160	45
HSK63A-SF14-90	63	14	27	34	90	45
HSK63A-SF14-120	63	14	27	34	120	45
HSK63A-SF14-160	63	14	27	42	160	45
HSK63A-SF16-95	63	16	27	34	95	50
HSK63A-SF16-120	63	16	27	34	120	50
HSK63A-SF16-160	63	16	27	42	160	50
HSK63A-SF18-95	63	18	33	42	95	50
HSK63A-SF18-120	63	18	33	42	120	50
HSK63A-SF18-160	63	18	33	51	160	50
HSK63A-SF20-100	63	20	33	42	100	50
HSK63A-SF20-120	63	20	33	42	120	50
HSK63A-SF20-160	63	20	33	51	160	50
HSK63A-SF25-115	63	25	44	53	115	55
HSK63A-SF25-160	63	25	44	60	160	55



mm

Model	dm	Dh	D1	D2	L	H
HSK100A-SF06-85	100	6	20	27	85	35
HSK100A-SF06-120	100	6	20	27	120	35
HSK100A-SF06-160	100	6	20	32	160	35
HSK100A-SF08-85	100	8	20	27	85	35
HSK100A-SF08-120	100	8	20	27	120	35
HSK100A-SF08-160	100	8	20	32	160	35
HSK100A-SF10-90	100	10	24	32	90	40
HSK100A-SF10-120	100	10	24	32	120	40
HSK100A-SF10-160	100	10	24	34	160	40
HSK100A-SF12-95	100	12	24	32	95	45
HSK100A-SF12-120	100	12	24	32	120	45
HSK100A-SF12-160	100	12	24	34	160	45
HSK100A-SF14-95	100	14	27	34	95	45
HSK100A-SF14-120	100	14	27	34	120	45
HSK100A-SF14-160	100	14	27	42	160	45
HSK100A-SF16-100	100	16	27	34	100	50
HSK100A-SF16-120	100	16	27	34	120	50
HSK100A-SF16-160	100	16	27	42	160	50
HSK100A-SF18-100	100	18	33	42	100	50
HSK100A-SF18-120	100	18	33	42	120	50
HSK100A-SF18-160	100	18	33	51	160	50
HSK100A-SF20-105	100	20	33	42	105	50
HSK100A-SF20-120	100	20	33	42	120	50
HSK100A-SF20-160	100	20	33	51	160	50
HSK100A-SF25-115	100	25	44	53	115	55
HSK100A-SF25-160	100	25	44	60	160	55
HSK100A-SF32-120	100	32	44	53	120	55
HSK100A-SF32-160	100	32	44	60	160	55

ZH-0196 BBT/BT高精度液压刀柄 BBT/BT High Precision Hydraulic Chuck

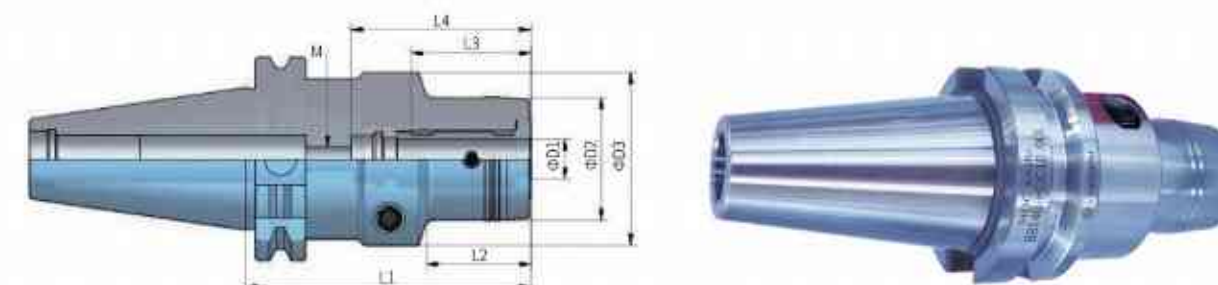


Model	ΦD1	ΦD2	ΦD3	L1	L2	L3	L4
BT30-HDC03-60	3	25	46	60	19	18	-
BT30-HDC04-65	4	26	46	65	24	23	-
BT30-HDC06-75	6	30	46	72	26	29	42
BT30-HDC08-75	8	32	46	72	24	30	42
BT30-HDC10-75	10	34	46	72	24	34	50
BT30-HDC12-75	12	36	46	72	25	36	50
BT30-HDC14-90	14	38	46	90	40	42	52
BT30-HDC16-90	16	40	46	90	33	43	52
BT30-HDC16-120	16	40	46	120	33	43	52
BT30-HDC18-90	18	42	46	90	35	40	52
BT30-HDC20-90	20	40	46	90	33	36	52
BT30-HDC20-120	20	40	46	120	33	36	52
BT40-HDC04-75	4	26	46	75	24	23	-
BT40-HDC06-75	6	28	46	75	30	29	46
BT40-HDC06-90	6	28	46	90	30	29	46
BT40-HDC06-120	6	28	46	120	30	29	46
BT40-HDC08-75	8	30	48	75	30	30	46
BT40-HDC08-90	8	30	48	90	30	30	46
BT40-HDC08-120	8	30	48	120	30	30	46
BT40-HDC10-75	10	36	52	95	26	38	57
BT40-HDC10-90	10	36	52	90	40	38	57
BT40-HDC10-120	10	36	52	120	40	38	57
BT40-HDC12-75	12	38	54	75	26	38	57
BT40-HDC12-90	12	38	54	90	40	38	57
BT40-HDC12-120	12	38	54	120	40	38	57
BT40-HDC14-75	14	40	56	75	28	42	57
BT40-HDC14-90	14	40	56	90	40	42	57
BT40-HDC16-75	16	42	58	75	26	46	75
BT40-HDC16-90	16	42	58	90	40	46	75
BT40-HDC16-120	16	42	58	120	40	46	75

Product Features: 1.Simple operation,stable blessing and fast tool change
2.Good damping and seismic resistance,improve the finish
3. High repeatability and high positioning accuracy,can be equipped with collets
4. Reduce cutting vibration and save tool costs

产品特点: 1.操作简单、加持稳定、换刀快
2.阻尼抗震性好、提高光洁度
3.重复定位精度高、可配筒夹
4.降低切削震动、节省刀具费用

ZH-0196 BBT/BT高精度液压刀柄 BBT/BT High Precision Hydraulic Chuck

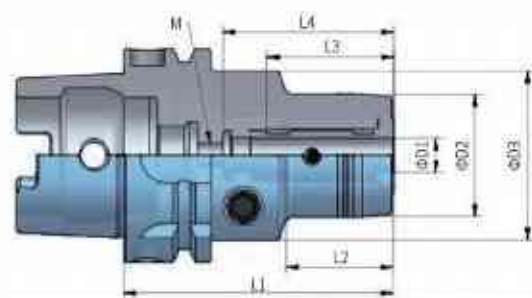


Model	ΦD1	ΦD2	ΦD3	L1	L2	L3	L4
BT40-HDC18-75	18	44	59	75	25	45	75
BT40-HDC18-90	20	44	59	90	40	45	75
BT40-HDC20-75	20	46	59	75	26	46	75
BT40-HDC20-90	20	46	60	90	40	46	75
BT40-HDC20-120	20	46	60	120	40	46	75
BT40-HDC20-150	20	43	60	150	47	40	52.5
BT50-HDC06-105	6	28	46	105	25	29	46
BT50-HDC06-150	6	28	46	150	25	29	46
BT50-HDC08-105	8	30	48	105	25	30	46
BT50-HDC08-150	8	30	48	150	25	30	46
BT50-HDC10-105	10	36	52	105	26	36	57
BT50-HDC10-150	10	36	52	150	25	36	57
BT50-HDC12-105	12	38	54	105	26	38	57
BT50-HDC12-150	12	38	54	150	25	36	57
BT50-HDC14-105	14	40	56	105	25	44	75
BT50-HDC16-105	16	42	58	105	26	46	75
BT50-HDC16-150	16	42	58	150	25	44	75
BT50-HDC18-105	18	44	59	105	26	44	75
BT50-HDC20-105	20	46	60	105	26	46	75
BT50-HDC20-150	20	46	60	150	26	46	75
BT50-HDC25-120	25	52	62	120	56	50	80
BT50-HDC32-120	32	62	72	120	43	60	90
BT50-HDC32-200	32	62	72	200	42.5	60	90

Product Features: 1.Simple operation,stable blessing and fast tool change
2.Good damping and seismic resistance,improve the finish
3. High repeatability and high positioning accuracy,can be equipped with collets
4. Reduce cutting vibration and save tool costs

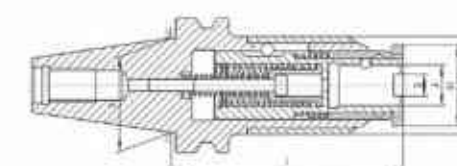
产品特点: 1.操作简单、加持稳定、换刀快
2.阻尼抗震性好、提高光洁度
3.重复定位精度高、可配筒夹
4.降低切削震动、节省刀具费用

ZH-0197 HSK63A系列液压刀柄 HSK63A SERIES HYDRAULIC TOOL HOLDER



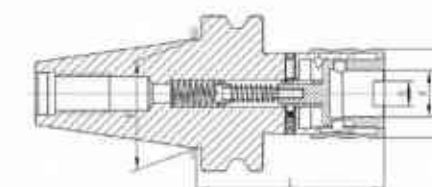
Model	ΦD1	ΦD2	ΦD3	L1	L2	L3	L4
HSK63A-HDC04-75	4	26	40	75	28	28	40
HSK63A-HDC05-75	5	28	42	75	28	28	42
HSK63A-HDC06-75	6	30	44	75	28	28	44
HSK63A-HDC06-120	6	30	44	120	68	68	44
HSK63A-HDC06-200	6	30	44	200	148	148	44
HSK63A-HDC08-90	8	32	44	90	38	38	44
HSK63A-HDC08-120	8	32	44	120	68	68	44
HSK63A-HDC08-200	8	32	44	200	148	148	44
HSK63A-HDC10-90	10	36	51	90	40	40	51
HSK63A-HDC10-120	10	36	51	120	70	70	51
HSK63A-HDC10-200	10	36	51	200	150	150	51
HSK63A-HDC12-90	12	38	51	90	40	40	51
HSK63A-HDC12-120	12	38	51	120	70	70	51
HSK63A-HDC12-200	12	38	51	200	150	150	51
HSK63A-HDC14-90	14	40	52	90	40	40	52
HSK63A-HDC14-120	14	40	52	120	70	70	52
HSK63A-HDC14-200	14	40	52	200	150	150	52
HSK63A-HDC16-90	16	42	52	90	40	40	52
HSK63A-HDC16-120	16	42	52	120	70	70	52
HSK63A-HDC16-200	16	42	52	200	150	150	52
HSK63A-HDC18-90	18	43	52	90	40	40	52
HSK63A-HDC18-120	18	43	52	120	70	70	52
HSK63A-HDC18-200	18	43	52	200	150	150	52
HSK63A-HDC20-90	20	46	53	90	40	40	53
HSK63A-HDC20-120	20	46	53	120	70	70	53
HSK63A-HDC20-200	20	46	53	200	150	150	53
HSK63A-HDC25-120	25	42	65	120	70	70	65
HSK63A-HDC25-200	25	42	65	200	150	150	65
HSK63A-HDC32-120	32	63	72	120	55	55	65
HSK63A-HDC32-200	32	63	72	200	150	150	65

ZH-0198 BT-GT系列攻丝刀柄 BT-GT SERIES TAPPING TOOL HOLDER



Model	D	D1	D2	d	L	H	攻丝范围	伸缩长度	
								压缩	伸长
BT30-GT12-125L	31.75	40	46	19	125	10	M1-M16	12	12
BT40-GT12-110L	44.45	40	46	19	110	10	M1-M16	12	12
BT40-GT24-130L	44.45	60	66	30	130	12	M5-M30	15	15
BT50-GT12-110L	69.85	40	46	19	110	10	M1-M16	12	12
BT50-GT24-130L	69.85	60	66	30	130	12	M5-M30	15	15
BT50-GT42-180L	69.85	88	100	45	185	20	M24-M42	20	20

ZH-0199 BT-WF系列攻丝刀柄 BT-WF SERIES TAPPING TOOL HOLDER

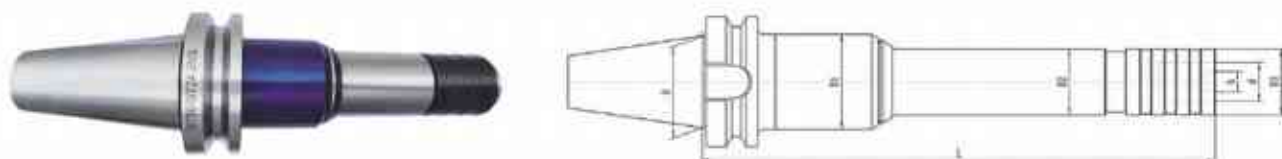


Model	D	D1	d	L	H	攻丝范围	伸缩长度	
							压缩	伸长
BT30-WF12-69L	31.75	36	19	69	10	M3-M12	5	5
BT30-WF20-100L	31.75	53	31	100	16	M5-M30	12	12
BT40-WF12-75L	44.45	36	19	75	10	M3-M12	5	5
BT40-WF20-96L	44.45	53	31	96	16	M5-M30	12	12
BT40-WF33-158L	44.45	78	48	158	25	M24-M42	20	20
BT50-WF12-90L	69.85	36	19	90	10	M3-M12	5	5
BT50-WF20-108L	69.85	53	31	108	16	M5-M30	12	12
BT50-WF33-145L	69.85	78	48	145	25	M24-M42	20	20
BT50-GT42-145L	69.85	78	45	145	20	M24-M42	20	20

Feature: 1.The utility model has the function of floating telescopic compensation
2.Torque protection to prevent wire chain fracture is good for neutrality
3.Effectively prolongs the service life of tap
4.Improve the thread quality of workpiece

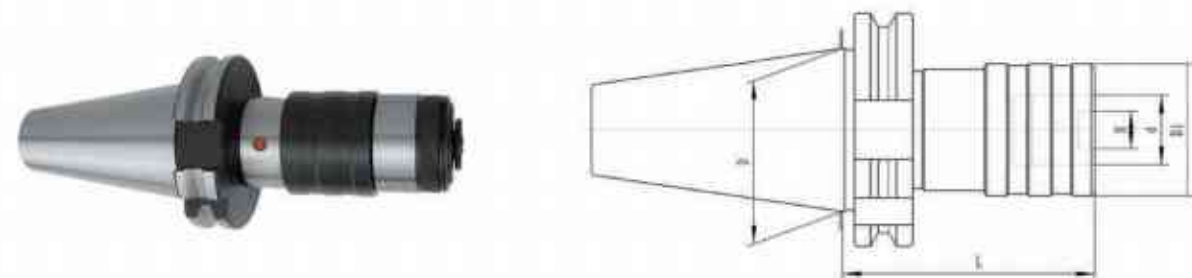
特点: 1.刀柄具有浮动伸缩补偿功能
2.扭力保护, 防止丝锥断裂
3.有效延长丝锥使用寿命
4.提高工件螺纹质量

ZH-0200 SK-GT系列攻丝刀柄 SK-GT SERIES TAPPING TOOL HOLDER



Model	D	D1	D2	d	L	H	攻丝范围	伸缩长度	
								压缩	伸长
SK30-GT12-125L	31.75	40	46	19	125	10	M1-M16	12	12
SK40-GT12-110L	44.45	40	46	19	110	10	M1-M16	12	12
SK40-GT24-130L	44.45	60	66	30	130	12	M5-M30	15	15
SK50-GT12-110L	69.85	40	46	19	110	10	M1-M16	12	12
SK50-GT24-130L	69.85	60	66	30	130	12	M5-M30	15	15

ZH-0201 SK-WF系列攻丝刀柄 SK-WF SERIES TAPPING TOOL HOLDER

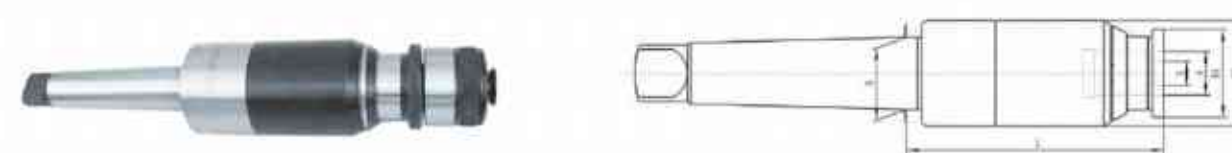


Model	D	D1	d	L	H	攻丝范围	伸缩长度	
							压缩	伸长
SK30-WF12-70L	31.75	36	19	70	10	M3-M12	5	5
SK30-WF20-102L	31.75	53	31	102	16	M5-M30	12	12
SK40-WF12-65L	44.45	36	19	65	10	M3-M12	5	5
SK40-WF20-88L	44.45	53	31	88	16	M5-M30	12	12
SK40-WF33-160L	44.45	78	48	160	25	M24-M42	20	20
SK50-WF12-65L	69.85	36	19	65	10	M3-M12	5	5
SK50-WF20-90L	69.85	53	31	90	16	M5-M30	12	12
SK50-WF33-147L	69.85	78	48	147	25	M24-M42	20	20

Feature: 1.The utility model has the function of floating telescopic compensation
2.Torque protection to prevent wire chain fracture is good for neutrality
3.Effectively prolongs the service life of tap
4.Improve the thread quality of workpiece

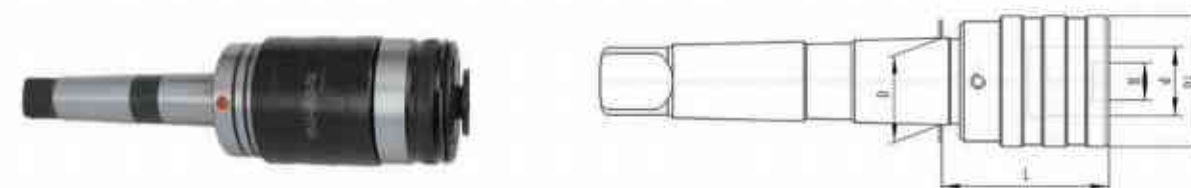
特点: 1.刀柄具有浮动伸缩补偿功能
2.扭力保护, 防止丝锥断裂
3.有效延长丝锥使用寿命
4.提高工件螺纹质量

ZH-0202 MTA-GT系列攻丝刀柄 MTA-GT SERIES TAPPING TOOL HOLDER



Model	D	D1	D2	d	L	H	攻丝范围	伸缩长度	
								压缩	伸长
MTA2-GT12-110L	17.78	40	46	19	110	10	M1-M16	12	12
MTA3-GT12-110L	23.825	40	46	19	110	10	M1-M16	12	12
MTA3-GT24-130L	23.825	60	66	30	130	12	M5-M30	15	15
MTA4-GT12-110L	31.267	40	46	19	110	10	M1-M16	12	12
MTA4-GT24-130L	31.267	60	66	30	130	12	M5-M30	15	15
MTA5-GT12-110L	44.399	40	46	19	110	10	M1-M16	12	12
MTA5-GT24-130L	44.399	60	66	30	130	12	M5-M30	15	15

ZH-0203 MTA-WF系列攻丝刀柄 MTA-WF SERIES TAPPING TOOL HOLDER



Model	D	D1	d	L	H	攻丝范围	伸缩长度	
							压缩	伸长
MTA2-WF12-46L	17.78	36	19	46	10	M3-M12	5	5
MTA2-WF20-68L	17.78	53	31	68	16	M5-M30	12	12
MTA3-WF12-46L	23.825	36	19	46	10	M3-M12	5	5
MTA3-WF20-68L	23.825	53	31	68	16	M5-M30	12	12
MTA4-WF12-48L	31.267	36	19	48	10	M3-M12	5	5
MTA4-WF20-70L	31.267	53	31	70	16	M5-M30	12	12
MTA5-WF20-70L	44.399	53	31	70	16	M5-M30	12	12

Feature: 1.The utility model has the function of floating telescopic compensation
2.Torque protection to prevent wire chain fracture is good for neutrality
3.Effectively prolongs the service life of tap
4.Improve the thread quality of workpiece

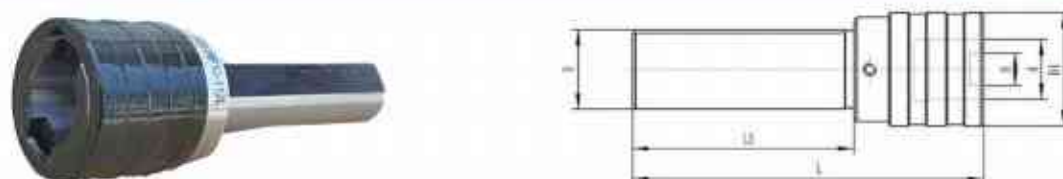
特点: 1.刀柄具有浮动伸缩补偿功能
2.扭力保护, 防止丝锥断裂
3.有效延长丝锥使用寿命
4.提高工件螺纹质量

ZH-0204 D-GT系列攻丝刀柄 D-GT SERIES TAPPING TOOL HOLDER



Model	D	D1	D2	d	L	L1	H	攻丝范围	伸缩长度	
									压缩	伸长
D16-GT12-110L	16	40	46	19	110	70	10	M1-M16	12	12
D20-GT12-110L	20	40	46	19	110	70	10	M1-M16	12	12
D25-GT12-110L	25	40	46	19	110	70	10	M1-M16	12	12
D25-GT24-130L	25	60	66	30	130	70	12	M5-M30	15	15
D32-GT12-110L	32	40	46	19	110	70	10	M1-M16	12	12
D32-GT24-130L	32	60	66	30	130	70	12	M5-M30	15	15
D40-GT12-110L	40	40	46	19	110	70	10	M1-M16	12	12
D40-GT24-130L	40	60	66	30	130	70	12	M5-M30	15	15

ZH-0205 D-WF系列攻丝刀柄 D-WF SERIES TAPPING TOOL HOLDER



Model	D	D1	d	L	L1	H	攻丝范围	伸缩长度	
								压缩	伸长
D16-WF12-112L	16	36	19	112	70	10	M3-M12	5	5
D20-WF12-112L	20	36	19	112	70	10	M3-M12	5	5
D20-WF20-135L	20	53	31	135	70	16	M5-M30	12	12
D25-WF12-112L	25	36	19	112	70	10	M3-M12	5	5
D25-WF20-135L	25	53	31	135	70	16	M5-M30	12	12
D32-WF12-112L	32	36	19	112	70	10	M3-M12	5	5
D32-WF20-135L	32	53	31	135	70	16	M5-M30	12	12

Feature: 1.The utility model has the function of floating telescopic compensation
2.Torque protection to prevent wire chain fracture is good for neutrality
3.Effectively prolongs the service life of tap
4.Improve the thread quality of workpiece

特点: 1.刀柄具有浮动伸缩补偿功能
2.扭力保护,防止丝锥断裂
3.有效延长丝锥使用寿命
4.提高工件螺纹质量

ZH-0206 BT-TER系列攻丝刀柄 BT-TER SERIES TAPPING TOOL HOLDER



Model	D	D1	D2	L	伸缩长度		配套夹头	攻丝范围
					压缩 F2	伸长 F1		
BT30-TER16-107L	31.75	45	28	107	8	8	ERG16	M2-M12
BT30-TER20-110L			34	110			ERG20	M3-M16
BT30-TER32-140L		56	50	140	10	10	ERG32	M3-M24
BT40-TER16-105L	44.45	45	28	105	8	8	ERG16	M2-M12
BT40-TER25-110L			42	110			ERG25	M3-M20
BT40-TER32-122L		56	50	122	10	10	ERG32	M3-M24
BT50-TER16-115L	44.45	45	28	115	8	8	ERG16	M2-M12
BT50-TER25-120L			42	120			ERG25	M3-M20
BT50-TER32-135L		56	50	135	10	10	ERG32	M3-M24

ZH-0207 HSK-TER系列攻丝刀柄 HSK-TER SERIES TAPPING TOOL HOLDER



Model	D1	D2	L	伸缩长度		配套夹头	攻丝范围
				压缩 F2	伸长 F1		
HSK63A-TER32-150L	56	50	150	10	10	ERG32	M3-M24
HSK100A-TER32-150L			150				
HSK63A-TER32-165L			165				
HSK63A-TER32-195L			195				
HSK63A-TER32-215L			215				
HSK63A-TER32-235L			235				
HSK63A-TER32-265L			265				
HSK100A-TER32-170L			170				
HSK100A-TER32-200L			200				
HSK100A-TER32-220L			220				
HSK100A-TER32-240L			240				
HSK100A-TER32-270L			270				

Feature: 1.The utility model has the function of floating telescopic compensation
2.Torque protection to prevent wire chain fracture is good for neutrality
3.Effectively prolongs the service life of tap
4.Improve the thread quality of workpiece

特点: 1.刀柄具有浮动伸缩补偿功能
2.扭力保护,防止丝锥断裂
3.有效延长丝锥使用寿命
4.提高工件螺纹质量



ZH-0208 NBH2084微调精镗孔镗头套装 NBH2084 MICRO BORING HEAD SET



SBJ20 8PCS standard size:
SBJ20 8PCS 标准规格:

Unit:mm

Model	镗孔范围 Boring range		深度 Dimensions DM	刀片 Insert	螺丝 Bolt	扳手 Wrench
	D Min	D Max				
SBJ2008-32	8	11	32	TBGT0601..L	SB-1STR-M2	T6
SBJ2010-40	10	13	40	TBGT0601..L	SB-1STR-M2	T6
SBJ2012-53	12	17	53	TPGH0902..L	SB-2TR-M2.5	T8
SBJ2016-68	16	21	68	TPGH0902..L	SB-2TR-M2.5	T8
SBJ2020-83	20	130	83	TPGH1103..L	SB-3TR-M3	T8
SBJ2025-96	25	135	96	TPGH1103..L	SB-3TR-M3	T8
SBJ2030-115	30	140	115	TPGH1103..L	SB-3TR-M3	T8
SBJ-L20-20	120	280	84+BTL1	TPGH1103..L	SB-3TR-M3	T8

-SBJ20 boring bar NOT including inserts

NBH2084 SET

Model	镗孔范围 (直径) Min (mm)	镗孔范围 (直径) Max (mm)	规格 Type	重量 KGS
BT30-NBH2084-8PCS	8	280	M12 x 1.75P	7.4
BT40-NBH2084-8PCS	8	280	M16 x 2.0P	9
BT50-NBH2084-8PCS	8	280	M24 x 3.0P	11.7
F8-NBH2084-8PCS	8	280	7/16"-20UNC	10
NT30-NBH2084-8PCS	8	280	1/2"-12UNC	9.8
NT30-NBH2084-8PCS	8	280	M12 x 1.75P	9.8
NT40-NBH2084-8PCS	8	280	5/8"-11UNC	10.3
NT40-NBH2084-8PCS	8	280	M16 x 2.0P	10.3
NT50-NBH2084-8PCS	8	280	1"-8UNC	10.8
NT50-NBH2084-8PCS	8	280	M24 x 3.0P	10.8
MT3-NBH2084-8PCS	8	280	1/2"-12UNC	7.8
MT3-NBH2084-8PCS	8	280	M12 x 1.75P	7.8
MT4-NBH2084-8PCS	8	280	5/8"-11UNC	10.3
MT4-NBH2084-8PCS	8	280	M16 x 2.0P	10.3
MT5-NBH2084-8PCS	8	280	1"-8UNC	10.8
MT5-NBH2084-8PCS	8	280	M24 x 3.0P	10.8
20-NBH2084-8PCS	8	280	φ 20 x 60	7.9
25-NBH2084-8PCS	8	280	φ 20 x 60	8
32-NBH2084-8PCS	8	280	φ 20 x 60	8.1

Feature: 1.The precision adjustable boring head is designed with precise worm, can adjust 0.01 diameter for each to change the dimension.
2.With 8 pieces of various disposal boring shanks,easy to change
3.To use shanks optional and fit to various machines
4.Stable boring functions,easy to change the dimensions.
5.Expandable boring size to use 8 different kinds of boring shanks.

特点: 1.微调镗孔头具有精密的调整螺杆, 每调整一刻钟使数为 0.005mm (直径为0.01mm), 可轻易的调节尺寸
2.附有8支大小舍弃式的镗刀柄, 可方便的替换刀片
3.可任意的选择推柄, 可适合任何的机床选用
4.具有稳定性的镗孔功能及任意调整尺寸
5.有8种尺寸的舍弃式刀柄可以任意选择不同的镗孔范围

工作台和卡盘系列

WORK TABLE & CHUCK SERIES



ZH-0209 F11系列万能分度头 F11 SERIES UNIVERSAL DIVIDING HEAD



FW80、F11100A、F11125A、F11160A、F11200A、F11250A型万能分度头是铣床工的主要附件之一，利用分度刻度环和游标，定位销和分度盘以及交换齿轮，能将装卡在顶尖间或卡盘上的工件分成任意角度，可将圆分成任意等份，辅助机床利用各种不同形状的刀具进行各种沟槽、正齿轮、螺旋正齿轮、阿基米德螺线凸轮等的加工工作；该产品还备有圆工作台，将它安装在分度头主轴上，工件可直接紧固在工作台上，也可利用装在工作台上的夹具紧固，可完成工件多方位加工；F11125C/F11160C型万能分度头，是根据用户要求特殊订货的产品。本产品是在F11125A/F11160A型万能分度头的基础上进行了改进，能随较大负荷；F11100AL/F11125AL/F11160AL型万能分度头，分度手柄为左置。

The universal dividing head, Type F11100A, F11125A, F11160A, F11200A, F11250A is one of the most important attachment for milling-machine. With the help of this dividing head the workpiece held between centers, or on a chuck can be rotate to any angle as desired and the periphery of a workpiece can be divided into any divisions of equal parts. By means of all kind of cutters, the dividing head can also help milling machine to perform the milling operation for flute spur gear spiral flute, Archimedean cam, helical flute and etc. The dividing head is equipped with a face plate that can be mounted onto the spindle nose. The workpiece can be mounted on the face plate, thus cutting can be carried out on 4-sides of a workpiece.

F11125C, F11160C is designed for the customers special needed, the shafting is improved to support heavy load.

The universal dividing head, type F11160AL, F11125AL, F11160AL is the same as of the structures and the operation handle is set on the left.

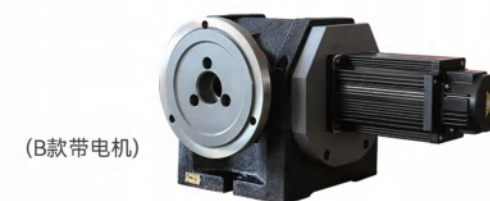
主要参数 Main parameters

项目 ITEM		FW80	F11100A	F11125A	F11160A	F11200A	F11250A
中心高 mm Center height mm		80	100	125	160	200	250
主轴由水平位置向上转动的角度 Swivel angle of spindle from horizontal to upward		≤90°	≤95°	≤95°	≤95°	≤95°	≤95°
主轴由水平位置向下转动的角度 Horizontal position (downward)		≤6°	≤5°	≤5°	≤5°	≤5°	≤5°
分度手柄每转主轴回转角度 Rotating angle of spindle for one complete revolution dividing handle		9° (540grad; 1 each)					
游标最小示值 Min. reading of vernier		10"					
蜗杆副传动比 Worm gear ratio		1:40					
主轴孔锥度 (莫氏) Taper of spindle bore		MT3	MT3	MT4	MT4	MT4	MT4
定位键宽度 Width of locating key		14	14	18	18	18	18
主轴法兰盘定位短锥直径 mm Diameter of short taper of spindle nose for mounting flange mm		Φ36.54	Φ41.275	Φ53.975	Φ53.975	Φ53.975	Φ53.975
分度盘孔数 Numbers of hole in dividing plate	第一面 1st plate	24.25.28.30.34.37.38.39.41.42.43					
	第二面 2nd plate	46.47.49.51.53.54.57.58.59.62.66					
变动齿轮 Change gear	模数 Module	1.5	1.5	2	2	2	2
	齿数 Teeth Numbers	25.30.35.40.50.55.30.70.80.90.100					
分度手柄-整转主轴单个分度误差 Individual indexing error of the spindle for one complete revolution of dividing handle		± 45"					
主轴在任意1/4圆周上的累积误差 Cumulate error at any 1/4 periphery of spindle		± 1"					
最大承载 KG Max. bearing KG		80	100	130	130	130	130
净重 KG Net weight kg		36	67	118	120	135	165
毛重 KG Gross weight kg		45	79	126	140	155	185
箱体尺寸 mm Overall dimensions mm		542*403*220	616*465*265	635*530*310	710*535*342	748*593*383	748*593*440

F11系列万能分度头安装尺寸参数 Installation sketch and dimensions

Model	A	B	C	D	E	F	G	H	L	M	N	O	P
FW80	139	14	77	73	147	77	98	80	97	43	30	60	80
F11100A	162	14	102	87	186	95	116	100	97	54.7	30	100	100
F11125A	209	18	116	95	224	117	120	125	103	68.5	34.5	100	125
F11160A	209	18	116	96	259	152	120	160	103	68.5	34.5	100	160
F11200A	209	18	113	97	299	192	120	200	103	68.5	34.5	100	200
F11250A	209	18	113	97	349	342	120	250	103	68.5	34.5	100	200

Note: 配带附件 Accessories: 尾座 Tailstock/挂轮架 Change gear bracket/交换齿轮 12件 12xchange gear/千斤顶 Jack/顶尖 Center/分度盘 Dividing plate/法兰盘 Flange/三爪卡盘 3-jaw chuck/圆工作台 (特殊订货) Round table (optional)

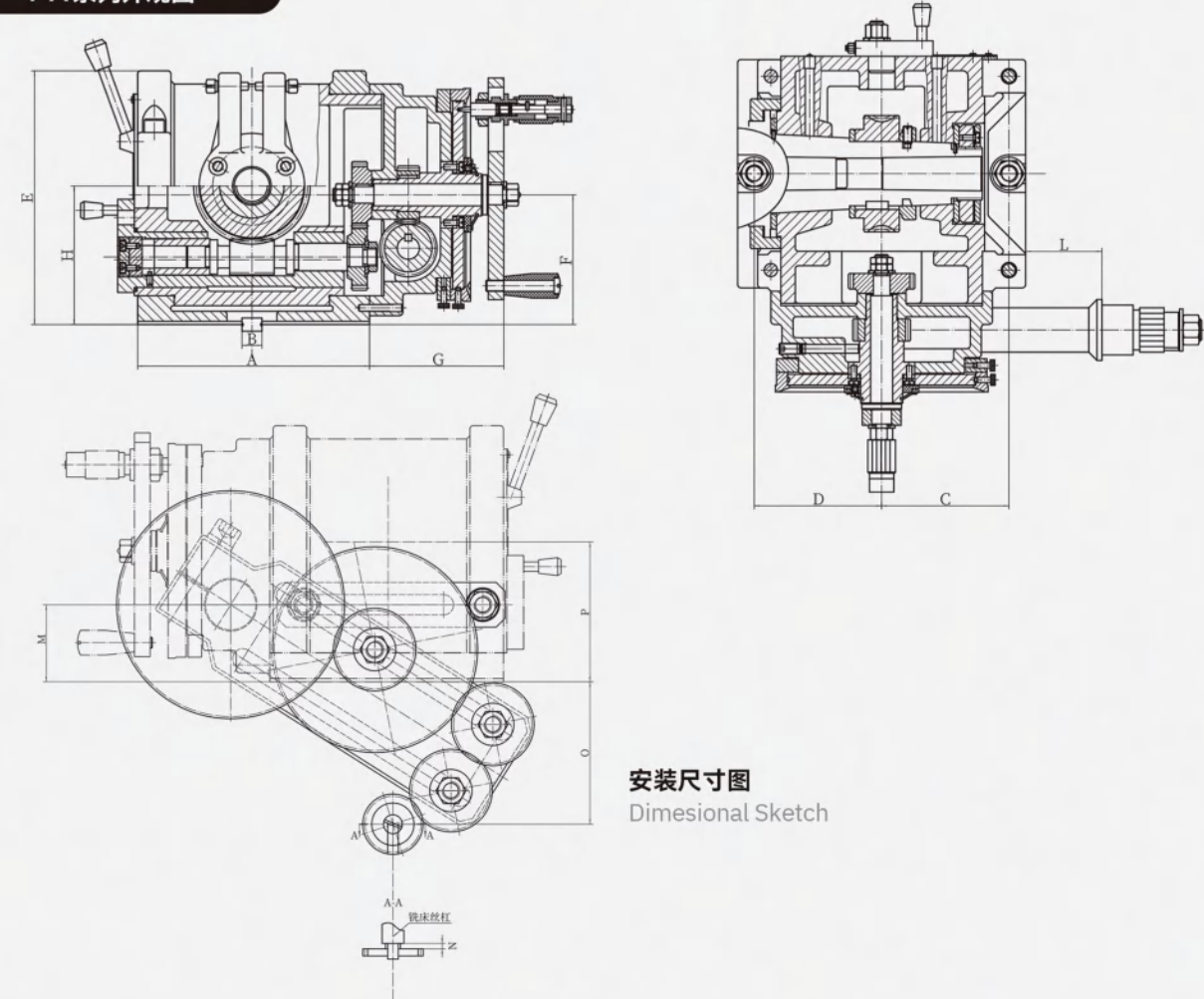


(B款带电机)



(左置式)

F11系列外观图



安装尺寸图
Dimensional Sketch

ZH-0210 F12系列半万能分度头 F12 SERIES SEMI-UNIVERSAL DIVIDING HEAD



主要参数Main parameters

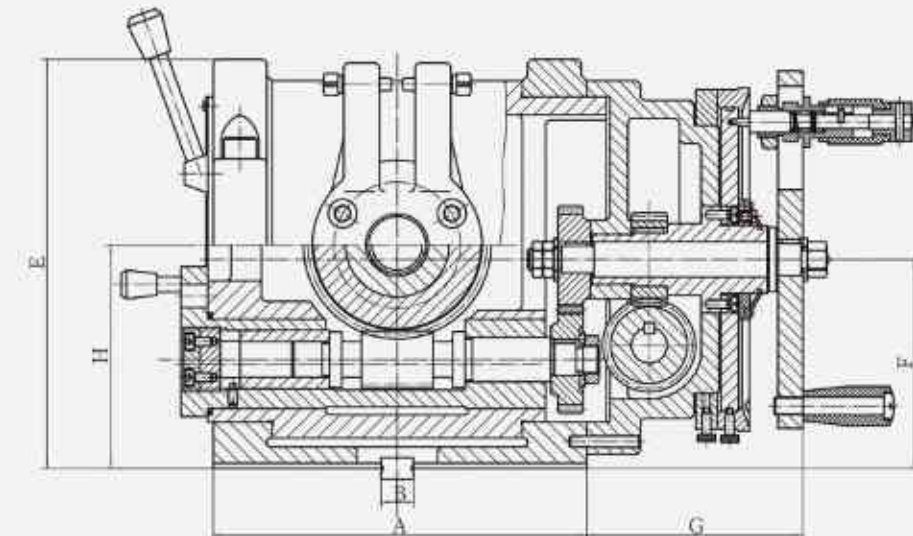
项目ITEM	F12100	F12125	F12160	F12200	F12260	F12300	F12400	F12500
中心高 mm Center height mm	100	125	160	200	260	300	400	500
主轴由水平位置向上转动的角度 Swivel angle of spindle from horizontal to upward	≤ 95°	≤ 95°	≤ 95°	≤ 95°	≤ 95°	≤ 95°	≤ 95°	≤ 95°
主轴由水平位置向下转动的角度 Horizontal position (downward)	≤ 5°	≤ 5°	≤ 5°	≤ 5°	≤ 5°	≤ 5°	≤ 5°	≤ 5°
分度手轮每转主轴回转角度 Rotating angle of spindle for one complete revolution dividing handle	9° (540grad/each)							
游标最小示值 Min. reading of vernier	10"							
蜗杆副传动比 Worm gear ratio	1:40	1:40	1:40	1:40	1:40	1:40	1:40	1:40
主轴孔锥度 (莫氏) Taper of spindle bore	MT3	MT4	MT4	MT4	MT6	MT6	MT6	MT5
定位键宽度 Width of locating key	100	18	18	18	18/20	18/20	18/20	18/20
主轴法兰盘定位短锥直径 mm Diameter of short taper of spindlenose for mounting flange mm	Φ41.275	Φ53.975	Φ53.975	Φ53.975	Φ52.563	Φ52.563	Φ52.563	Φ106.375
分度盘孔数 Numbers of hole in dividing plate	第一面 1st plate	24, 25, 28, 30, 34, 37, 38, 39, 41, 42, 43						
	第二面 2nd plate	46, 47, 49, 51, 53, 54, 57, 58, 59, 62, 66						
分度手柄-整转主轴单个分度误差 Individual indexing error of the spindle for one complete revolution of diving handle	± 45"	± 45"	± 45"	± 45"	± 45"	80"	80"	80"
主轴在任意1/4圆周上的累积误差 Cumulate error at any 1/4 periphery of spindle	± 1"	± 1"	± 1"	± 1"	± 70"	± 70"	± 70"	± 70"
最大承载 KG Max. bearing KG	100	130	130	130	100	130	130	130
净重 KG Net weight kg	57	112	120	130	/	/	/	/
毛重 KG Gross weight kg	69	122	130	140	/	/	/	/
箱体尺寸 mm Overall dimensions mm	长 Length	616	596	714	740	/	/	/
	宽 Width	495	460	535	535	/	/	/
	高 Height	255	310	342	383	/	/	/

F12系列半万能分度头安装尺寸参数Installation sketc and dimensions

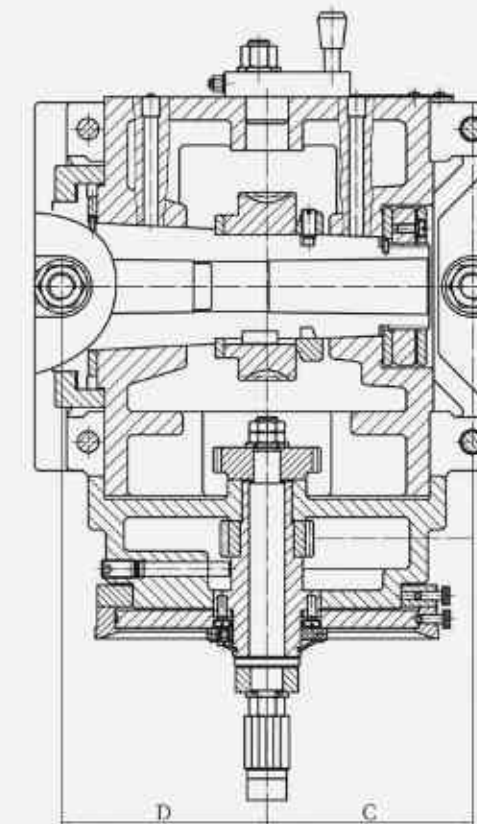
Model	A	B	C	D	E	F	G	H	L
F121000A	162	14	102	87	186	95	116	100	97
F12125A	209	18	116	95	224	117	120	125	103
F12160A	209	18	116	96	259	152	120	160	103
F12200A	209	18	113	97	299	192	120	200	103
F12500	490	22	300	330	790	500	160	500	

F12系列半万能分度头是铣床上的主要附件之一,可用于简单分度也可将圆周分成任意等份等的加工工作。F12系列为右把手。

Type F12 series semi-universal dividing head is one of the most important attachment for milling machine. It can be used for simple indexing and divide circle into any equal parts, etc. The F12 series with right handwheel.



外观图
CAD Drawing



ZH-0211 BS系列半万能分度 BS SERIES SEMI-UNIVERSAL DIVIDING HEAD



分度头

半万能分度头是简易的分度中心,可直接、间接分度。完成面、齿加工,不需配件。但整体结构与万能分度头相同快速分度的24孔直接进行2,3,4,6,8,12,24等分分度,随机附3个分度板间接分度等分数2-50,51-3801。

Features

Semi-Universal Dividing Head is a simple index Center and can be used for direct and indirect dividing. Complete the gear, face, flute processing and no need accessories, but the whole construction is the same as universal type. The 24 quick-dividing holes can complete 2, 3, 4, 6, 8, 12, 24 division indexing. Attaches 3 dividing plate along with the dividing head indirect dividing in any division indexing 2-50, 51-380.



STANDARD ACCESSORIES

Dividing plate A, B, C.

Numbers of holes of dividing plate
(worm gear reduction ratio 1:40)

OPTIONAL ACCESSORY

3-jaw Chuck.

4" or 5" 3-jaw Chuck for BS-0

5" or 6" or 8" 3-jaw Chuck for BS-1

6" or 8" 3-jaw Chuck for BS-2

Semi-universal Index Center B&s Type No.0, No.1 (head-stock)

Unit:mm/in

Model	A	B	H	h	a	b	g	Taper of center	Diameter of Spindle hole	N.W. (kg)
BS-0	193	140	173	100	166	90	16	MT2	18	22
	7.59	5.51	6.81	3.93	6.53	3.54	0.63	B&S NO.7		
BS-1	242	180	220	128	206	113	16	MT3	20	35.8
	9.52	6.61	8.66	5.04	8.11	4.45	0.63	B&S NO.9		

Semi-universal Index Center B&s Type NO.0, No.1 (head-stock)

Unit:mm/in

Model	A1	B1	H1	h	a1	b1	g1	N.W. (kg)
BS-0	180	78	107	100	130	92	16	Packed with the Dividing Head
	6.89	3.42	4.21	3.93	3.93	3.62	0.63	
BS-1	183	87	128	128	175	124	16	Packed with the Dividing Head
	7.20	3.42	5.39	5.04	5.04	4.33	0.63	

Numbers of hole	Plate A	Plate B	Plate C	Numbers of hole	Plate A	Plate B	Plate C
Unit:mm	15	29	39	Unit:mm	18	23	43
	16	31	47		19	27	37
	17	33	41		20	21	49

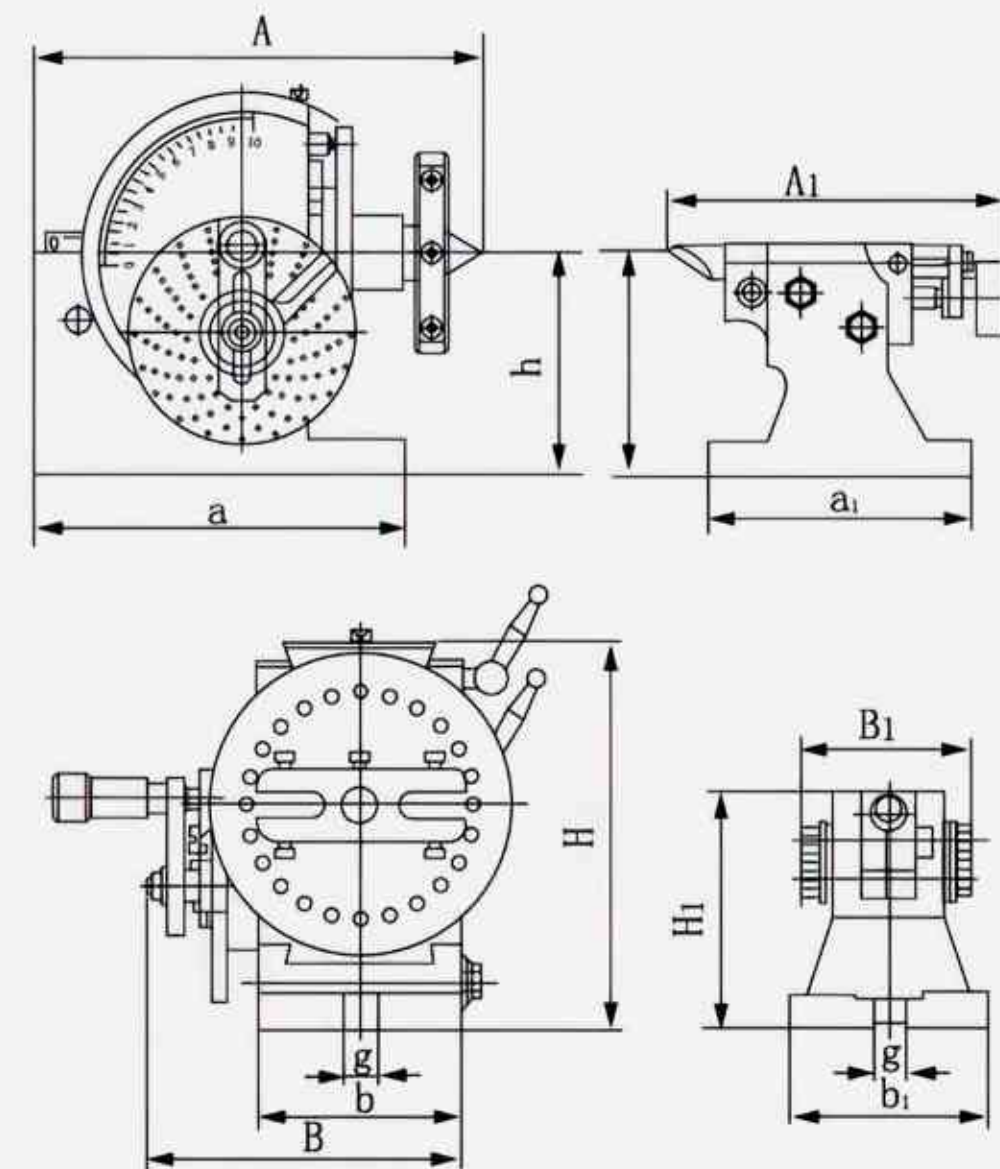


BS-0-5C



BS-1-8C

BS系列半万能分度



ZH-0212 BS-2系列万能分度中心(分度头) BS-2 SERIES UNIVERSAL DIVIDING HEAD(INDEX CENTER)

万能分度中心(分度头)

万能分度头为综合型辅助设备,分度精确,操作灵活及螺旋连作较以往加工倍速提高效率中心面可在仰角90° 俯角10间任意调节,此中心适用于高标准的检验及测试,为保证客户满意蜗轮副设计为1:40。

Features

The Universal dividing head (index Center)has been designed to carry out all types of gear cutting. Precision dividing and spiral word with greater precision and efficiency than before:The center face can adjust from elevation 90 to depression 10,It suits for high standard inspection and test,In order to satisfied customers,the worm gear redio is designed for 1:40.

CHOOSE	STANDARD ACCESSORIES
标配	Dividing plate A.B.C.
选配	Numbers of holes of dividing plate (worm gear reduction ratio 1:40)

UNIVERSAL INDEX CENTER B&S NO.2,(HEAD-STOCK)

Unit:mm/in

Model	A	B	H	h	a	b	g	Work hole taper	N.W. (kg)
BS-2	370	280	236	133	212	134	16	MT4	83
	14.57	11.02	9.29	5.24	8.35	5.28	0.63	B&S NO.10	

UNIVERSAL INDEX CENTER B&S NO.2,(TAIL-STOCK)

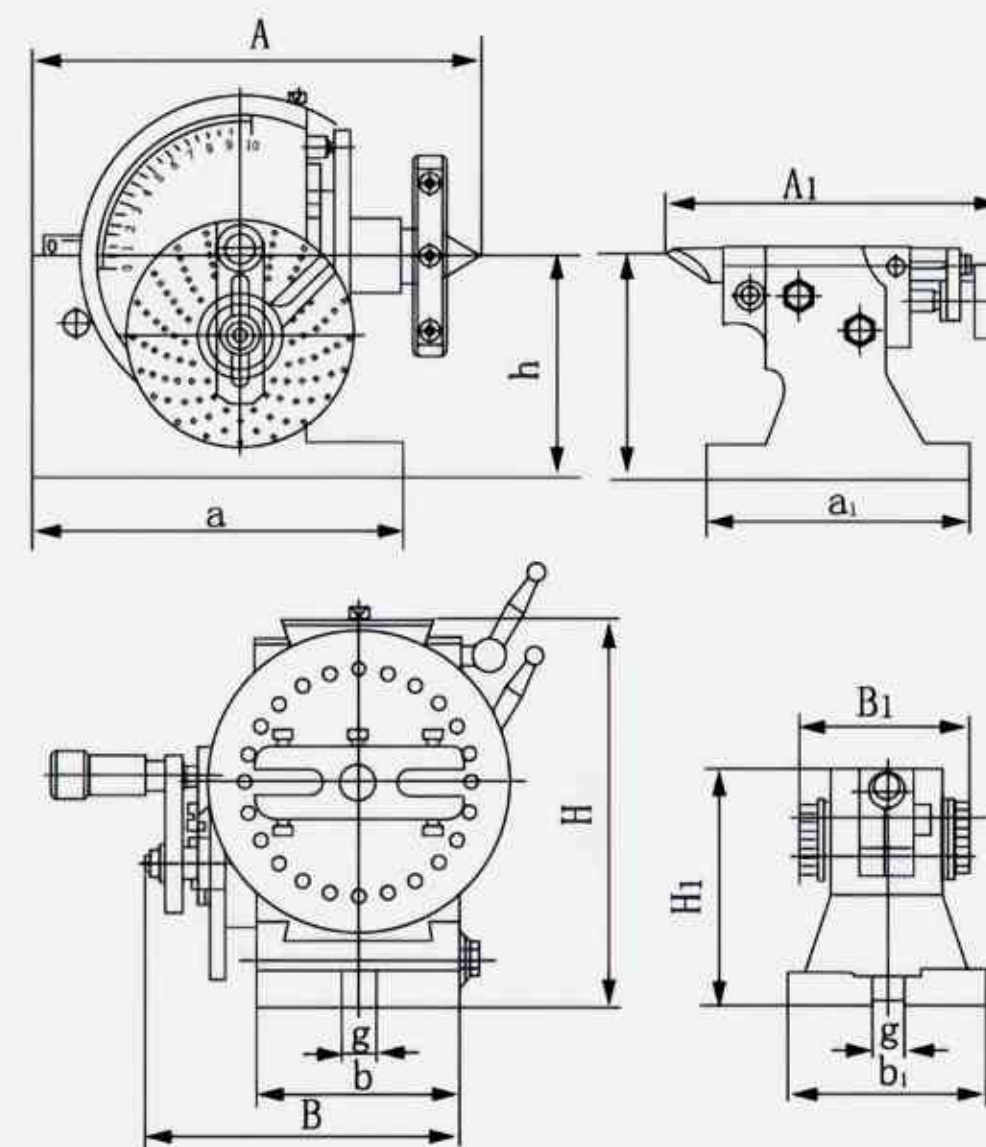
Unit:mm/in

Model	A1	B1	H1	h	a1	b1	g1	N.W. (kg)
BS-2	183	87	156	133	175	122	16	Packed with the Diving Head
	7.2	3.42	6.14	5.24	6.89	4.80	0.63	

Numbers of hole	PlateA	PlateB	PlateC	Numbers of hole	PlateA	PlateB	PlateC
Unit:mm	15	21	23	Unit:mm	18	29	47
	16	23	39		19	31	49
	17	27	41		20	33	43



BS系列半万能分度





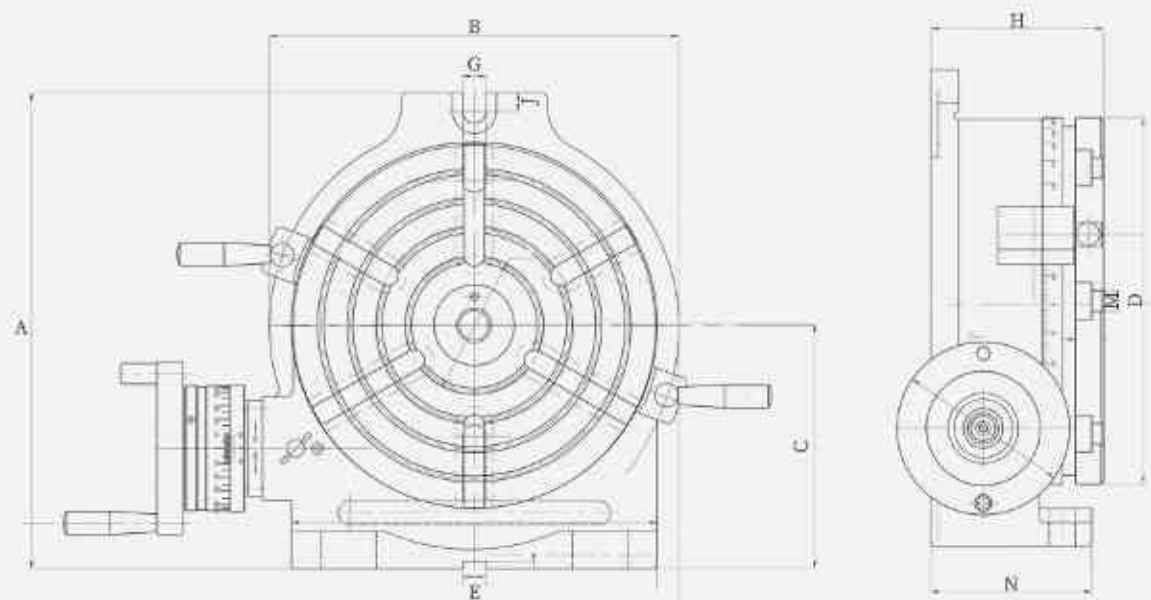
主要参数Main parameters

项目 ITEM	TSL75 HV3"	TSL100 HV4"	TSL125 HV5"	TSL150 (HV6)	TSL200 (HVB)	TSL250 (HV10)	TSL300 (HV12)	TSL350 (HV14)	TSL400 (HV16)	TSL500 (HV20)	TSL630 (HV25)	TSL800
工作台直径 Diameter of table mm	Φ76.2	Φ110	Φ127	Φ150	Φ200	Φ250	Φ300	Φ350	Φ400	Φ500	Φ630	Φ800
台面中心孔锥度 (莫氏) Morse taper of the center hole	/	MT2	MT2	MT2	MT3	MT3	MT4	MT4	MT4	MT5	200	MT6
工作台垂直时中心高 Height of center for vert mounting mm	59	85.5	90	100	135	165	195	230	260	310	400	500
台面T型槽宽度 Width of T-slot mmx	8	12	12	14	14	14	16	16	16	18	18	22
台面T型槽相邻角度 Adjacent angle of T-slot	90°	120°	120°	90°	90°	60°	60°	60°	60°	45°	45°	45°
定位键宽度 Width of the locating key mm	12	12	12	16	16	16	16	16	16	22	22	22
蜗轮副模数 Modules of worm and worm gear	1	1	1	1	1.5	1.5	2	2	2.5	2.5	4	5.5
蜗轮副传动比 Transmission ratio of the worm gear	1:36	1:72	1:72	1:90	1:90	1:90	1:90	1:90	1:90	1:120	1:120	1:120
工作台圆周刻度 Graduation of the table	360°	360°	360°	360°	360°	360°	360°	360°	360°	360°	360°	360°
蜗杆每转所代表的转台度数 Rotating angle of table with one revolution of the worm	10°	5°	5°	4°				3°			3°	3°
游标最小示值 Min.value of vernier	10"	10"	10"	10"	10"	10"	10"	10"	10"	10"	10"	10"
分度精度 Indexing accuracy	±120'	±60'	±60'	±60'	±60'	±60'	±60'	±60'	±60'	±60'	±60'	±60'
最大承载 (卧式) Max.bearing(With table Hor.)kg	15	40	50	60	70	80	100	125	150	300	450	1500
最大承载 (立式) Max.load(With table vert.)kg	10	20	25	30	35	40	60	75	80	200	200	750

TSL系列回转工作台安装尺寸参数 Installation sketc and dimensions

Model	TSL75 (HV-3)	TSL100 (HV-4)	TSL125 (HV-5)	TSL150 (HV-6)	TSL200 (HV-8)	TSL250 (HV-10)	TSL300 (HV-12)	TSL350 (HV-14)	TSL400 (HV-16)	TSL500 (HV-20)	TSL630 (HV-25)	TSL800
A	98	146	155	200	265	325	388	450	510	610	765	960
B	78	115	127	160	220	280	330	390	445	560	680	850
C	59	85.5	90	100	135	165	195	230	260	310	400	500
D	Φ76.2	Φ110	Φ127	Φ150	Φ200	Φ250	Φ300	Φ350	Φ400	Φ500	Φ630	Φ800
E	12	12	12	16	16	16	16	16	18	22	22	22
G	/	/	/	16	17	17	16	17	16	22	22	22
H	83	85	85	86	105	120	135	135	145	165	220	345
J	/	/	/	10	15	15	17	17	17	25	20	22
M	/	MT2	MT2	MT2	MT3	MT3	MT4	MT4	MT4	MT5	200通孔	MT6
N	68	68	68	78	98	110	128	130	130	160	220	295
净重 Net weight kg	4.8	9	10	11	26	41	66	83	118	202	500	1200
毛重 Gross weight kg	5	10.5	10.7	12	26.5	42	73	85	128	225	550	1250
箱体尺寸 Case dimensions	长 L	187	305	305	305	430	430	510	546	600	756	1080
	宽 W	94	260	260	260	380	380	425	491	550	646	876
	高 H	113	155	155	155	180	180	245	250	260	330	480

立卧回转工作台外观图





- ◆ 卧式回转工作台是铣床的主要附件之一,可用在铣床上进行分度、钻孔或铣削、圆周切削、圆周曲面加工、平面及部分线段的直线加工作。
- ◆ 每个规格的转台分别提供连接不同法兰盘,作为特殊订货,并将法兰盘独立包装。另外,为特殊订货所提的分度盘附件可实现2至66间所有整数和由67到132间能被2、3和5整除的所有整数的分度。
- ◆ Rotary table is one of the most important accessory of milling machine. It is widely used for index boring, miligcircle cutting, circle curve plane and segment etc operation.
- ◆ As a option., different table supply different flange. flange will be packed separately, otherwise, dividing plates which provides from the option can indexing all of the integer between 2 and 66 also can indexing the numbers between 67 and 132 can be divided exactly by numbr 2, 3 and 5.

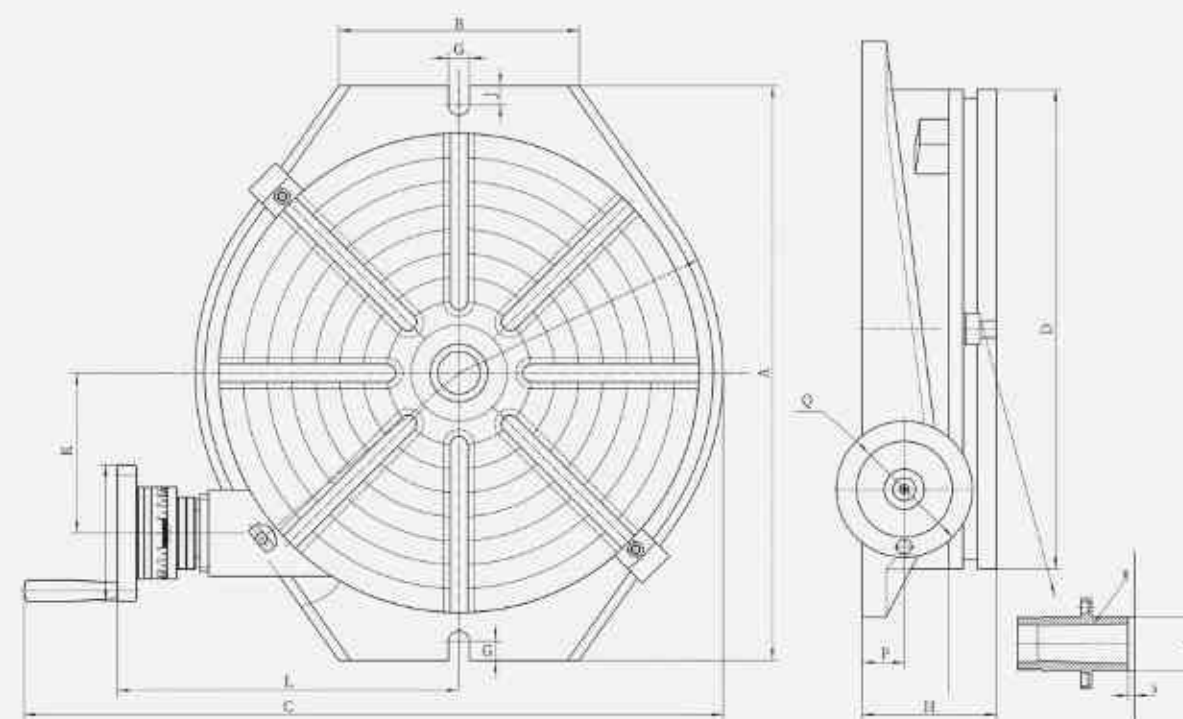
主要参数Main parameters

项目 ITEM	TS 150A	TS 200A	TS 250A	TS 320A	TS 400A	TS 500A	TS 630A	TS 800A	TS 1000A	TS 1250	TS 1600
工作台直径 Diameter of table mm	Φ150	Φ200	Φ250	Φ320	Φ400	Φ500	Φ630	Φ800	Φ1000	Φ1250	Φ1600
台面中心孔锥度 (莫氏) Morse taper of the center hole	2#	3#	3#	4#	4#	5#	5#	6#	6#	6#	6#
台面T型槽宽度 Width of T-slot mmx	14	14	14	14	16	18	18	22	22	22	22
台面T型槽相邻角度 Adjacent angle of T-slot	90°	90°	60°	60°	60°	45°	45°	45°	45°	45°	45°
定位键宽度 Width of the locating key mm	16	16	14	14	18	22	22	22	22	22	22
工作台圆周刻度 Modules of worm and worm gear	360°	360°	360°	360°	360°	360°	360°	360°	360°	360°	360°
游标最小示值 Min. value of vernier	10"	10"	10"	10"	10"	10"	10"	10"	10"	10"	10"
分度精度 Indexing accuracy	60"	60"	60"	60"	60"	60"	60"	60"	60"	60"	60"
工作台最大承载 Max. workload kg	50	80	100	200	250	300	500	1200	2000	3000	6000
净重 Net weight kg	12	23.5	33.5	65	125	215	345	800	1300	1580	2500
毛重 Gross weight kg	12.5	24.5	44.5	76	145	238	377	855	1400	1700	2700
箱体尺寸 Overall dimensions mm	长 L	305	427	500	580	750	850	1080	1270	1480	2100
	宽 W	260	387	400	480	616	730	800	1000	1220	2100
	高 H	160	180	210	238	280	302	340	420	400	500

TS...A系列回转工作台安装尺寸参数Installation sketc and dimensions

Model	TS 150A	TS 200A	TS 250A	TS 320A	TS 400A	TS 500A	TS 630A	TS 800A	TS 1000A	TS 1250A	TS 1600A
A	213	280	330	420	500	610	750	1000	1170	1400	1705
B	186	238	280	360	450	560	680	740	1080	1300	1664
C	260	390	415	480	640	680	898	1090	1235	1450	1670
D	Φ150	Φ200	Φ250	Φ320	Φ400	Φ500	Φ630	Φ800	Φ1000	Φ1250	Φ1600
G	16	16	14	14	18	22	22	22	22	22	22
H	86	105	100	125	140	140	160	215	250	290	320
J	12	14	14	18	18	22	22	30	30	30	30
K	54	85	102.5	128.5	135	180	295	364	364	530	666
L	165	211	230	240	345	383	488	550	670	820	900
M	MT2	MT3	MT3	MT4	MT4	MT5	MT5	MT6	MT6	MT6	MT6
P	27	30	30.5	44	50	65	44	86	103	120	150
Q	Φ86	Φ115	Φ115	Φ115	Φ140	Φ140	Φ200	Φ250	Φ250	Φ250	Φ250
d	Φ36	Φ48	Φ50	Φ60	Φ60	Φ60	Φ60	Φ75	Φ75	Φ75	Φ75
h	5	5	5	5	10	10	5	14	14	14	14

卧式回转工作台外观图



ZH-0215 分度盘套件 ACCESSORIES OF ROTARY TABLE

CHOOSE
套件
包含

分度盘套件包含:

1. 分度盘
2. 摇柄
3. 3件螺钉
4. 扇形板
5. U型垫圈

Dividing Plate set includes:

1. Index plate
2. Crank handle
3. 3 pcs screw
4. Sector
5. U-washer

可调尾座 Tail Stock

型号 Model NO.	最大顶尖高度 Max.center height	最小顶尖高度 Min.center height	适用型号 Used for Model
TS-0	90 3.54"	42 1.65"	HV-3/HV-4/HV-5
TS-1	131 5.15"	97 3.81"	HV6/CC-6/CS-6
TS-2	210 8.26"	130 5.12"	HV8/HV10/HV12 CC-/CS-8
TS-3	300 11.81"	210 8.27"	HV-14/HV-16



法兰盘 Flan

型号 Model NO.	适用型号 Used for Model
F-3"	HV-3,TSK3
F-3"	HV4,TSK4
F-4"	HV-5,TSK5
F-5"	HV-6,TSK6,TS160
F-6"	HV-8,TSK-8,TS200
F-8"	HV-10,TSK250,TS250
F-10"	HV-12,TSK320,TSK320
F-12"	HV14
F-14"	HV-16,TSK400,TS400



MODEL	Used of Model		
DP-1	HV-3,HV-4,HV-5,HV-6,TS160		
Number of the holes of Dividing Plates	PlateA	PlateB	PlateC
	15	21	37
	16	23	39
	17	27	41
	18	29	43
	19	31	47
	20	33	49



MODEL	Used of Model			
DP-2	HV8,10,12,14/TS200,TS400			
Number of the holes of Dividing Plates	PlateA	PlateB	PlateA	PlateB
	26	28	61	63
	30	32	67	69
	34	37	71	73
	38	39	77	79
	41	43	81	83
	44	46	87	89
	47	49	91	93
	51	53	97	99
	57	59		



ZH-0216 TSK系列可倾回转工作台 TSK SERIES TILTING ROTARY TABLE



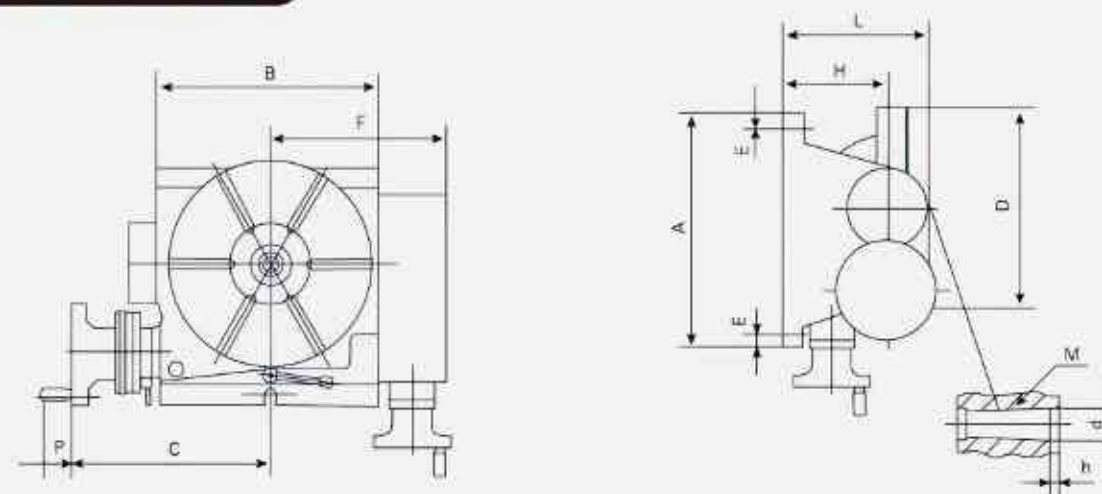
- ◆ 可倾回转工作台是铣床、镗床、钻床的主要附件之一，主要用于加工斜孔，也可通过一次装夹，完成对工件除支撑面外多个方位的加工。另外，工作台可置于垂直位置与尾座配合使用，对工件进行圆周分度的钻削和铣削。
- ◆ 工作台可在水平至垂直位置间 (0~90°)任意调整并锁紧。
- ◆ 各规格转台均提供适配不同卡盘的法兰盘，作为特殊订货配件，并独立包装。
- ◆ Tilting rotary tables are one of the main accessories for milling, boring, and drilling machines. They can be used for machining oblique holes, surfaces, and holes with compound angles in a single set-up. Additionally, they can be used in a vertical position to perform center work with a tailstock.
- ◆ This table can be tilted to any position from 0° to 90° and locked.
- ◆ A flange for connecting a scroll chuck is supplied as a special accessory and is packed separately.

可倾回转工作台安装尺寸参数 Installation sketc and dimensions

Model	TSK250	TSK320	TSK400	TSK500	TSK630	TSK1250
A	320	380	460	630	670	1230
B	265	330	410	640	1000	1638
C	240	245	280	465	500	880
D	φ 250	φ 320	φ 400	φ 500	φ 630	φ 1250
E	18	18	18	18	22	22
F	210	241	280	450	480	795
H	152	180	220	295	365	700
L	230	265	318	412	480	905
M	MT3	MT4	MT4	φ 120	φ 120	φ 70
P	50	50	80	100	100	100
d	φ 50	60	60	160	160	120
h	9	5	15	6	6	30

项目 ITEM	TSK250	TSK320	TSK400	TSK500	TSK630	TSK1250
工作台尺寸 Diameter of table mm	φ 250	φ 320	φ 400	φ 500	φ 630	φ 1250
台面中心孔度 (英氏) Morse taper of the center hole	3#	4#	4#	通孔 φ 120	通孔 φ 120	70
台面T型槽宽度 Width of T-slot mm	14	14	16	18	18	22
蜗轮副模数 Modules of worm and worm gear	1.5	2	2.5	3.5	4	5.5
定位键宽度 Width of the locating key mm	18	18	18	18	22	22
台面T型槽相邻角度 Adjacent angle of T-slot	60°	60°	60°	45°	45°	45°
蜗轮副传动比 Worm gear transmission ratio	1:120	1:120	1:120	1:120	1:120	1:180
工作台圆周刻度 Graduation of the table	360°	360°	360°	360°	360°	360°
工作台可倾角度 Table tilting angle	0° ~90°	0° ~90°	0° ~90°	0° ~90°	0° ~90°	0° ~90°
轮台手轮刻度值 Readout of the handwheel	1'	1'	1'	1'	1'	1'
游标最小示值 Minimum value of vernier	10"	10"	10"	10"	10"	10"
可倾游标最小示值 Min.reading of the tilting vernier	2"	2"	2"	2"	2"	2"
分度精度 Indexing accuracy	60"	60"	60"	60"	60"	60"
最大承载 (立式) Max. load (with table vert.)kg	200	250	300	600	1000	2000
最大承载 (卧式) Max.bearing(With table Hor.)kg	83	125	150	300	500 (含托架)	1000 (含托架)
净重 Net weight kg	80	128	200	550	700	2800
毛重 Gross weight kg	90	138	210	590	780	3000
箱体尺寸 Overall dimensions mm	520*390*310	585*500*360	650*550*400	980*750*560	1170*960*640	

可倾回转工作台外观图



ZH-0217 K11系列三爪自定心卡盘 3-JAW SELF-CENTRING CHUCKS

短圆柱连接形式

K11型卡盘配带整体爪(正卡爪和反卡爪各一副)。

K11A、K11C和K11D、K11E型卡盘卡爪为分离爪形式。

可调整为正卡爪或反卡爪使用。

K11A和K11D、K11E型卡盘卡爪符合ISO3442标准。

K11C型卡盘卡爪为传统结构的分离爪。

可提供各种形式的软卡爪。

按用户需求, 可提供前穿螺钉安装方式卡盘。

Short cylindrical center mounting

Model k11 chucks are provided with one-piece jaws (which include a set of internal jaws and a set of external ones)

The jaws for k11A, k11C and k11D, K11E chucks are composed of two-piece jaws. They can perform as either internal or external jaws through adjustment.

The jaws for K11A and K11D, K11E chucks conform to ISO3442 standard.

Model K11C chucks are supplied with traditional two-piece jaws.

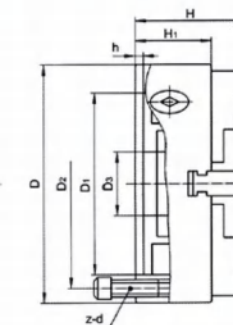
We can provide all kinds of soft jaws.

As requested, we can provide chucks mounted from front.

主要规格和参数: Main specifications

订单号 Order No.	D ₁	D ₂	D ₃	H	H ₁	H ₂	h	z-d	最大输入扭矩Nm Max.input torque	极限转速r/min Max.speed	净重Kg Net WT.
80	55	66	16	66	50	—	3.5	3-M6	40	4000	1.9
100	72	84	22	74.5	55	—	3.5	3-M8	60	3500	3.2
125	95	108	30	84	58	—	4	3-M8	100	3000	5
130	100	115	30	86	60	—	3.5	3-M8	100	3000	5.6
160	130	142	40	95	65	—	5	3-M8	160	2500	8.8
160A	130	142	40	109	65	71	5	3-M8	160	2500	8.3
200	165	180	65	109	75	—	5	3-M10	250	2000	15.5
200C	165	180	65	122	75	78	5	3-M10	250	2000	14.1
200A	165	180	65	122	75	80	5	3-M10	250	2000	14.1
240	195	215	70	120	80	—	8	3-M12	320	1600	24
240C	195	215	70	130	80	84	8	3-M12	320	1600	20
250	206	226	80	120	80	—	5	3-M12	320	1600	25.7
250C	206	226	80	130	80	84	5	3-M12	320	1600	23
250A	206	226	80	136	80	86	5	3-M12	320	1600	23
315	260	226	100	147	90	—	6	3-M12	400	1200	47
315A	260	285	100	153	90	95	6	3-M16	400	1200	41
320	270	285	100	152.5	95	—	11	3-M16	400	1200	47.5
320C	270	290	100	153.5	95	101.5	11	3-M16	400	1200	42
325	272	290	100	153.5	96	—	12	3-M16	400	1200	49
325C	272	296	100	154.5	96	102.5	12	3-M16	400	1200	44
325A	272	296	100	169.5	96	105.5	12	3-M16	400	1200	46
380	325	296	135	155.7	98	—	6	3-M16	500	1000	65
380C	325	350	135	156.5	98	104.5	6	3-M16	500	1000	60
380A	325	350	135	171.5	98	107.5	6	3-M16	500	1000	62
400D	340	350	130	172	100	108	6	3-M16	500	1000	71
500D	440	368	210	202	115	126	6	3-M16	630	800	117.6
500A	440	465	210	202	115	126	6	3-M16	630	800	119

ZH-0218 K12系列四爪自定心卡盘 4-JAW SELF-CENTRING CHUCKS



短圆柱连接形式。

卡爪结构参数与K11系列基本一致。

适用于正方形、八棱形等零件的加工。

Short cylindrical center mounting.

The structure parameters of these chucks are the same as those of the k11 series.

Suitable for processing square components and eight-edged components.

主要规格和参数: Main specifications

订单号 Order No.	D ₁	D ₂	D ₃	H	H ₁	h	z-d	净重 Kg Net WT.
80	55	66	16	66	50	3.5	4-M6	2
100	72	84	22	73	53.5	3.5	3-M8	3
125	95	108	30	84	58	4	3-M8	5
130	100	115	30	86	60	3.5	3-M8	5.6
160	130	142	40	95	65	5	3-M8	8.8
160A	130	142	40	109	65	5	3-M8	8.3
165	130	145	40	96.5	66.5	4.5	3-M8	9.8
190	155	172	55	105	75	5	3-M10	13.8
200	165	180	65	109	75	5	3-M10	15.5
200C	165	180	65	122	75	5	3-M10	14.1
200A	165	180	65	122	75	5	3-M10	14.1
240	195	215	70	120	80	8	3-M12	25
250	206	226	80	120	80	5	3-M12	26
250C	206	226	80	130	80	5	3-M12	23
250A	206	226	80	136	80	5	3-M12	23
325(325C)	272	296	100	153.5(154.5)	96	12	3-M16	50(45)
325A	272	296	100	169.5	96	12	3-M16	47
380(380C)	325	350	135	155.5(156.5)	98	6	3-M16	66(61)
380A	325	350	135	171.5	98	6	3-M16	63
500A	440	465	210	202	115	6	6-M16	119

K12口/短锥系列其连接尺寸同K11口/三爪短锥系列。

K12/short taper series have the same dimensions as K11口/three-jaw short taper series.

ZH-0219 精密三爪卡盘 PRECISION 3-JAW CHUCKS



订单号 Order No.	柄部 Shank	D ₁ (mm)	D	
			in	mm
R8-QCC-D	R8	31.75	3	80
5C-QCC-D	5c	37.5		100
MS2-QCC-D	MS2	17.780		125
MS3-QCC-D	MS3	23.825		130
MS4-QCC-D	MS4	31.267		160
MS5-QCC-D	MS5	44.399		200
MS6-QCC-D	MS6	63.348		

ZH-0220 自定心四爪卡盘 4-JAW SELF-CENTERING CHUCK

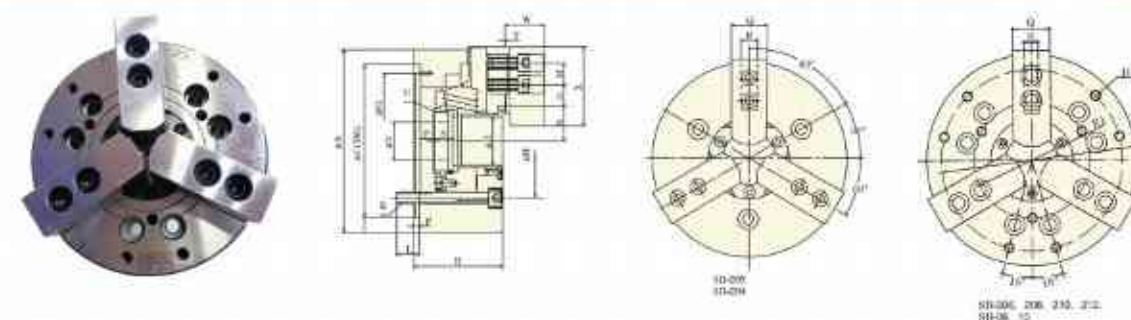
- 1、配有各种卡爪、可夹持和外撑圆件及方件
- 2、通过连接套可用于各种木工车床
- 3、标准配件:标准卡爪一套,大、小六方扳手各一个,木螺钉一个,加力杆一个,其它配件需要时,合同上需要注明

- 1, Available with various jaws to hold or expand round and square workpiece
- 2, Various adaptors for different lathe spindles.
- 3, Standard accessory: standard jaws, two Allen keys, one screw, one handle. Please specify other options in orders.



订单号 Order No.	D	L	M
KP2-3/4	70	45	1"-8
KP96	96	45	M40X2
KP96B	96	45	M33
KP96C	96	45	M30
KP96E	96	45	1"-8
KP96F	96	45	1-1/2"-8
KP125	125	54	M40X2

ZH-0221 SB 三爪高速中空液压卡盘 3-JAW HIGH SPEED HOLLOW POWER CHUCKS



DIMENSIONS 尺寸	A(mm)	B(mm)	C(H6)(mm)	D(mm)	E(mm)	E1(mm)	F(mm)	G(mm)	H(mm)	J(mm)	K(mm)	L(mm)	M(mm)	N max(mm)
型号 TYPE														
SB-204	108	59	85	—	—	—	4	—	70.6	26	3-M10x1.5P	16	14	24.12
SB-205	135	60	110	—	—	—	4	96	82.6	33	3-M10x1.5P	16	14	27.23
SB-206	168	81	140	M8	145	85	5	116	104.8	45	6-M10x1.5P	16	20	33.1
SB-208	208	91	170	M10	180	115	5	150	133.4	52	6-M12x1.75P	18	25	39.83
SB-210	254	100	220	M10	225	140	5	190	171.4	75	6-M16x2P	18	30	51.1
SB-212	304	110	220	—	—	—	6	190	171.4	91	6-M16x2P	23	30	62.23
SB-215	381	133	300	—	—	—	6	260	235.0	117.5	6-M20x2.5P	28	43	82.57

DIMENSIONS 尺寸		N min.(mm)	O max.(mm)	O min.(mm)	P max.(mm)	P min.(mm)	Q(mm)	R(mm)	S(mm)	T(mm)	U(mm)	V(mm)	W(mm)	X(mm)	
型号 TYPE		SB-204	21.44	12.5	3.75	3.5	-6.5	23	10	17.5	2	M32 x 1.5P	12	23	49.5
		SB-205	24.53	20.5	5.75	1.0	-9	25	10	19.0	2	M40 x 1.5P	12	30	54
		SB-206	30.56	25.0	7.25	11.0	-1	31	12	19.0	2	M55 x 2P	20	36	73
		SB-208	35.13	29.0	11.00	14.5	-1.5	35	14	20.0	2	M60 x 2P	30	37	95
		SB-210	46.7	34.0	10.75	8.5	-10.5	40	16	25.0	2	M85 x 2P	40	42	110
		SB-212	57	46.5	14.25	8.0	-15	50	21	28.0	2	M100 x 2P	50	50	130
		SB-215	77.27	45.0	16.75	11.0	-12	62	24	38.0	5	M130 x 2P	60	62	165

DIMENSIONS 尺寸	通孔直径	柱塞行程	爪行程 (直径)	最高转速	最大拉力	最大静夹持力	匹配油缸型号	夹持范围 Gripping Range		最高使用压力	重量
	Thru-Hole (DIA.mm)	Plunger Stroke (mm)	Jaw Stroke (DIA.mm)	Max.Speed (min ⁻¹)	Max.Pull Force kgf (kN)	Max.Gripping Force kgf (kN)	Matching Cylinder	最大 Max (mm)	最小 Min (mm)	Max.Pressure kgf/cm ² (Mpa)	
型号 TYPE											
SB-204	26.0	10	5.4	8000	1400(13.7)	2900(28)	SHS-428	110	7	20(2.0)	4.0
SB-205	33.0	10	5.4	7000	1730(17)	3550(35)	SHS-1036	135	10	25(2.5)	6.0
SB-206	45.0	12	5.5	6000	2140(21)	5700(56)	SHS-1246	168	13	25(2.5)	12.5
SB-208	52.0	16	7.4	4800	3350(33)	8350(82)	SHS-1552	210	16	26(2.6)	22.0
SB-210	75.0	19	8.8	4200	4280(42)	11000(108)	SHS-1075	254	25	28(2.8)	34.2
SB-212	91.0	23	10.6	3300	5500(55)	14300(140)	SHS-2091	304	33	26(2.6)	59.6
SB-215	117.5	23	10.6	2500	7200(71)	18200(178)	SHS-2511	381	42	26(2.6)	108.5



- 1、硬度55°-62°
- 2、精度0.01mm
- 3、平行度0.005mm

- 1、Hardness: HRC55°-62°
- 2、Accuracy :0.01mm
- 3、Parallelism :0.005mm

订单号	规格L×W×H	件数
YD150-1	150×10×14 (16.18.20.22.24.26.28.30.32.35.40.45.50)	14×2
YD150-2	150×8×14 (16.18.20.22.24.26.28.30.32.35.40.45.50)	14×2
YD150-3	80×4×14 (16.18.20.22.24.26.28.30.32.35.40.45.50)	14×2
YD150-4	200×10×14 (16.18.20.22.24.26.28.30.32.35.40.45.50)	14×2

订单号	规格L×W×H	件数
YD151-1	100×4×10 (14.18.22.26.30.34.38.42)	9×2
YD151-2	160×4×10 (14.18.22.26.30.34.38.42)	9×2
YD151-3	150×8.5×14 (16.20.24.30.32.36.40.44)	9×2
YD151-4	150×10×14 (16.20.24.30.32.36.40.44)	9×2

订单号	规格L×W×H	件数
YD152	100×2×5 (10.15.20)	20×2
	100×3×6 (11.16.21)	
	100×4×7 (12.17.22)	
	100×5×8 (13.18.23)	
	100×6×9 (14.19.24)	

订单号	规格L×W×H	件数
YD153-1	125×8×11 (16.21.26.31.36)	24×2
	125×10×13 (18.23.28.33.38)	
	125×12×15 (20.25.30.35.40)	
	125×14×17 (22.27.32.37.42)	
YD153-2	150×8×11 (16.21.26.31.36)	24×2
	150×10×13 (18.23.28.33.38)	
	150×12×15 (20.25.30.35.40)	
	150×14×17 (22.27.32.37.42)	

订单号	规格L×W×H	件数
YD154-1	150×8×16 (18.20.22.24.26.28.30.32.34.36.38.40.42.44.46.48.50)	18×2
YD154-2	150×8×17 (19.21.23.25.27.29.31.33.35.37.39.41.43.45.47.49.51)	18×2



- 1、硬度55°-62°
- 2、精度0.01mm
- 3、平行度0.005mm

- 1、Hardness: HRC55°-62°
- 2、Accuracy :0.01mm
- 3、Parallelism :0.005mm

订单号	规格L×W×H	件数
YD155-1	120×10×14 (16.18.20.22.24.26.28.30.32.35.40)	12×2
YD155-2	150×10×14 (16.18.20.22.24.26.28.30.32.35.40)	12×2

订单号	规格L×W×H	件数
YD156-1	120×8×12 (17.22.25.28.32.36.38)	8×2
YD156-2	160×8×12 (17.22.25.28.32.36.38)	8×2
YD156-3	200×8×17 (22.25.28.32.36.38.43)	8×2

订单号	规格L×W×H	件数
YD157-1	150×4.6×20 (22.24.26.28.30)	6×2
YD157-2	150×4.6×32 (34.36.38.40.44)	6×2

订单号	规格L×W×H	件数
YD158-1	150×6.8×15 (18.21.25.27.31.35)	7×2
YD158-2	150×8.5×10 (15.20.24.30.38.44)	7×2

订单号	规格L×W×H	件数
YD159	150×8.5×20 150×8.5×24 150×8.5×30	5×2
	200×12.6×38 200×12.6×44	

订单号	规格L×W×H	件数
YD160	200×8×24 200×12×36 200×22×40	4×2
	200×31×5×2.5	

订单号	规格L×W×H	件数
YD161	100×5×16 100×6×18 100×8×24	9×2
	100×10×30 150×12×36 150×14×48	
	150×18×60 150×22×62 200×31×15×2.5	



58件机床夹具带金属支架 每套包括:

- * 6只T型槽螺母
- * 6只法兰螺母
- * 4只连接螺母
- * 6块阶梯压板
- * 12块阶梯垫铁
- * 24根双端螺栓, 长度为3"、4"、5"、6"、7"、8"各4根

订单号 Order No.	T型螺母尺寸 (美制) T-slot Size (US)	螺栓尺寸 (美制) Stud Size (US)
YT-0101	3/8	5/8-18
YT-0102	7/16	3/8-16
YT-0103	1/2	3/8-16
YT-0104	9/16	3/8-16
YT-0105	9/16	1/2-13
YT-0106	5/8	1/2-13
YT-0107	11/16	1/2-13
YT-0108	11/16	5/8-11
YT-0109	3/4	5/8-11
YT-0110	13/16	5/8-11

YT-0105, YT-0106, YT-0107;

可选择全塑料支架 Could choose all plastic holder

58-PC Clamping kit with metal holder Each set contains

- * 6-T-Slot nuts
- * 6-Flange nuts
- * 4-Coupling nuts
- * 6-Step clamps
- * 12-Step blocks
- * 24 Studs 4 ea. 3", 4", 5", 6", 7", 8" length

订单号 Order No.	T型螺母尺寸 (公制) T-slot Size (MM)	螺栓尺寸 (公制) Stud Size (MM)
YT-0201	9.7	M8x1.25
YT-0202	11.7	M10x1.5
YT-0203	13.7	M10x1.5
YT-0204	13.7	M12x1.75
YT-0205	15.7	M12x1.75
YT-0206	15.7	M14x2
YT-0207	17.7	M14x2
YT-0208	17.7	M16x2
YT-0209	19.7	M16x2

YT-0204, YT-0205;

可选择全塑料支架 Could choose all plastic holder

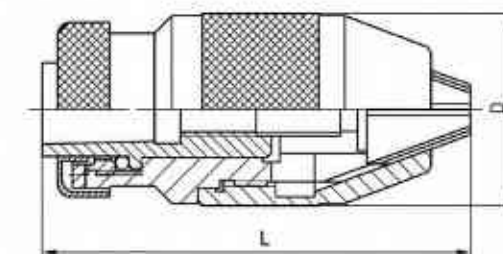
KEYLESS DRILL CHUCK WITH TAPER MOUNTED

1. P、D级适用于车床、铣床、镗床、钻床等机床上使用。

2. M级适用于加工中心、数控机床等高精度机床使用。

1. Grade P&D is used in lathe, milling machine, boring machine, drilling bench etc.

2. Grade M is used in high precision machine-tool, such as machining center and digital control machine.



订单号 Order No.	夹持范围 Capacity	连接尺寸 Mount	D mm	L mm	精度 Runout mm		
					P	D	M
J0106	0.5 ~ 6mm	B10	34	72	0.12	0.16	0.06
J0206	1/64 " ~ 1/4 "	JT1					
J0108	0.5 ~ 8mm	B12	42	82			
J0208	1/64 " ~ 5/16 "	JT2					
J0110	1 ~ 10mm	B12	42	82			
J0210	1/32 " ~ 3/8 "	JT2	44	88			
J0210A		JT33					
J0113	1 ~ 13mm	B16	44	97			
J0113A		B16	49	100			
J0213	1/32 " ~ 1/2 "	JT33					
J0213A		JT6					
J0116A	3 ~ 16mm	B16	54	110	0.14	0.20	0.07
J0116		B18					
J0216	1/8 " ~ 5/8 "	JT6					
J0216A		JT3					
J0120	5 ~ 20mm	B22	60	125	0.18	0.25	
J0220	3/16 " ~ 3/4 "	JT3					

订货时,请注明精度级别

Please notify the grade in the order.

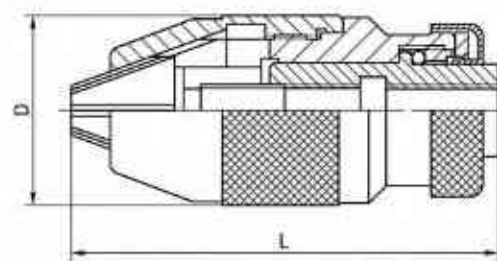


ZH-0225 螺纹孔自紧式钻夹头 KEYLESS DRILL CHUCK WITH THREAD MOUNTED

KEYLESS DRILL CHUCK WITH THREAD MOUNTED

适用于车床、铣床、钻床、电动工具及木工机械等机床上使用。

Used in lathe, milling machine, drilling bench, electric hand and woodworking machine etc.



订单号 Order No.	夹持范围 Capacity	连接尺寸 Mount	D mm	L mm	精度 Runout mm
J0306	0.5~6mm	M10X1	34	64	0.20
J0306A	1/64 " ~ 1/4 "	3/8 " -24UNF			
J0308	0.5~8mm	M10X1			
J0308A	1/64 " ~ 5/16 "	3/8 " -24UNF	40	80	
J0308B	0.5~8mm	M12X1.25			
J0308C	1/64 " ~ 5/16 "	1/2 " -20UNF			
J0310	1~10mm	M10X1	42	86	
J0310A	1/32 " ~ 3/8 "	3/8 " -24UNF			
J0310B	1~10mm	M12X1.25			
J0310C	1/32 " ~ 3/8 "	1/2 " -20UNF	44	97	
J0313	1~13mm	M10X1			
J0313A	1/32 " ~ 1/2 "	3/8 " -24UNF			
J0313B	1~13mm	M12X1.25			
J0313C	1/32 " ~ 1/2 "	1/2 " -20UNF	48	107	
J0316	3~16mm	M12X1.25			
J0316A	1/8 " ~ 5/8 "	1/2 " -20UNF			
J0316B	3~16mm	M16X1.5			
J0316C	1/8 " ~ 5/8 "	5/8 " -16UNF			

展望未来

Look Forward to the Future

胸怀大志 走向未来

Aiming high towards the future

把握现在 面向未来

Grasping the present for the future

克服前进道路上的一切艰难险阻

Overcoming all the difficulties and

obstacles on the forward road

不断学习创新 努力到永远

Continuous learning and innovating

Long-lasting endeavoring

