



山东征宇机械有限公司 山东方正机床工具有限公司

山东方正机床工具有限公司
山东征宇机械有限公司



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山东方正机床工具有限公司座落在平原桃园工业园区，山东平原是全国机床附件加工企业最密集，品种最齐全，市场交易最活跃的生产加工销售基地，形成了规模大、质量好的产业集群。

山东方正机床工具有限公司是专业生产系列弹簧夹头、CNC数控刀柄等机床附件的专业厂家，在全国机床附件行业中，产品品种多、规格全、出口量大，本公司享有进出口自营权，并获得出口产品质量许可证，ISO9001质量体系认证。

我公司资金实力雄厚，有现代化的生产车间。先进的进口设备，如加工中心，数控车床，高精度的磨床，动平衡机等，拥有一批高水平的技术人员，使公司的产品质量得以保证。本公司的主要产品有夹头系列、数控刀柄、磨刀机、刀柄接杆、精密平口钳等多种产品，品质精良，规格齐全，深得国内外用户信赖，拥有完善的物流配送体系，产品畅销美国、德国、法国、英国、加拿大、东南亚等国家和地区。

本公司一贯奉行质量第一，用户至上，信誉为本的宗旨，依靠雄厚的技术力量，科学的管理制度，先进的加工检测设备，可以向用户提供符合国家标准，国际标准，德国标准，日本标准等不同标准的各类机床附件，价格合理，交货及时，服务周到。

我公司全体员工真诚希望与海内外客商在互惠互利的基础上建立业务关系，携手共赢。



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MILLING CHUCK ARBORS

ZY-10004



■详细请参照第4页
DIN69871 锥数控铣夹头刀柄
MILLING CHUCK ARBORS

ZY-10006



■详细请参照第5页
CAT 锥数控铣夹头刀柄
MILLING CHUCK ARBORS

ZY-10008



■详细请参照第6页
BT 锥数控莫氏变径套(扁尾型)
MORSE TAPER(WITH TANG)

ZY-10010



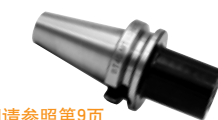
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ZY-10012



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MORSE TAPER(WITH DRAWBAR)

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MORSE TAPER(WITH DRAWBAR)

ZY-10018



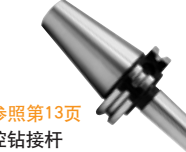
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CAT 锥数控莫氏变径套(后拉型)
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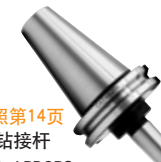
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END MILL ADAPTERS

ZY-10046



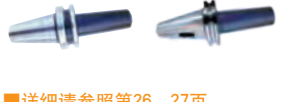
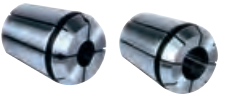
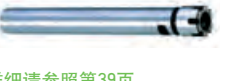
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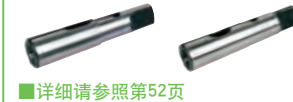


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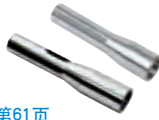
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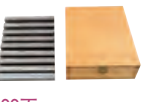
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数控刀具系统标准 NC.TOOLING SYSTEM



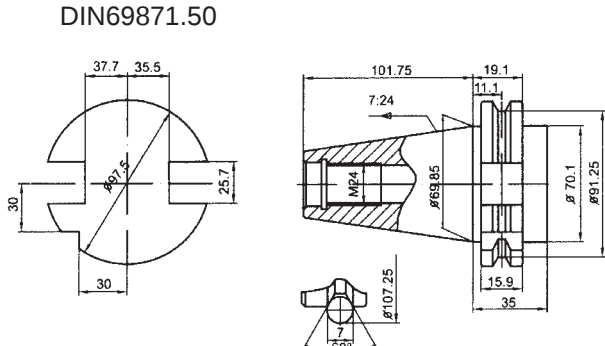
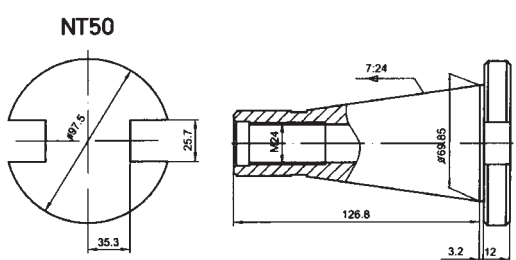
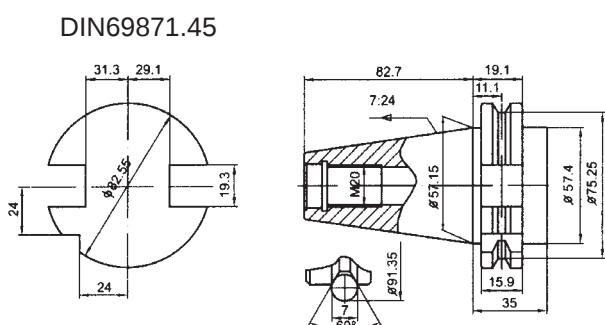
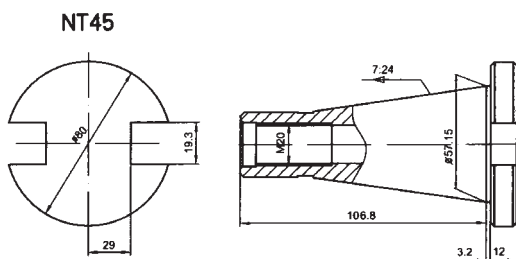
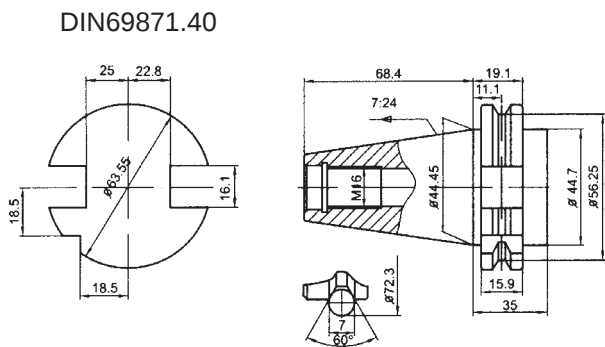
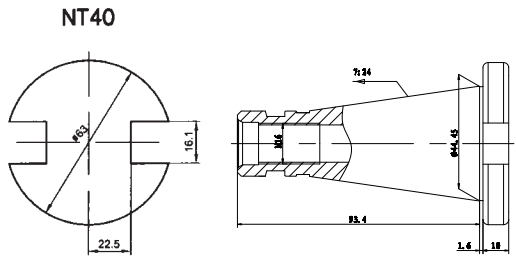
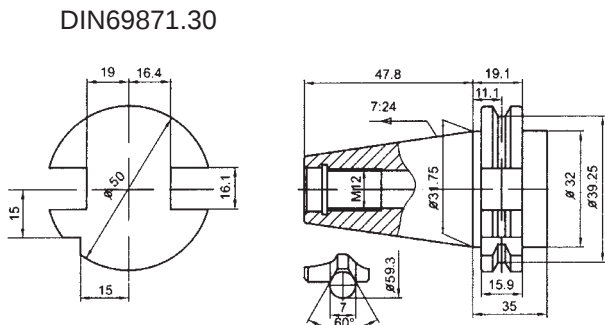
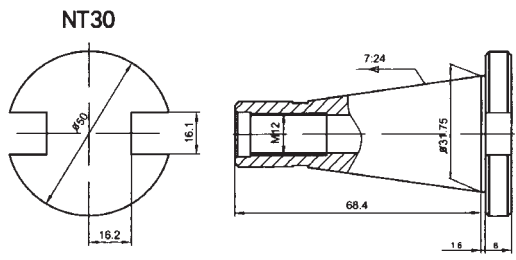
ZY-50006  ■详细请参照第91页 PF70/5C 简易分度头 PF70/5C SPIN INDEX	ZY-50010  ■详细请参照第91页 PF100B/5C 立卧等分分度头 PF100B/5C HORIZONTAL VERTICAL COLLET INDEX	 ■详细请参照第92页 F12型万能分度头 SEMI-UNIVERSAL DIVIDING HEAD	刀具再生利器 Cutting tool regeneration tool
ZY-5A001  ■详细请参照第93页 五合一钻头研磨机 Five unity Drill Re-sharpener	ZY-5A002  ■详细请参照第94页 钻头研磨机系列 Drill Re-sharpening Machine	ZY-5A004  ■详细请参照第95页 铣刀研磨机系列 End mill Re-sharpening Machine	镗头系列 BORING HEADS SERIES
ZY-60002  ■详细请参照第96页 F1 型镗头 TYPE F1 BORING HEADS	ZY-60004  ■详细请参照第96页 F1 型镗头 TYPE F1 BORING HEADS	ZY-60006  ■详细请参照第98页 F1 型镗刀柄 F1 BORING SHANK	ZY-60006  ■详细请参照第98页 F1 型镗刀柄 F1 BORING SHANK
ZY-60008  ■详细请参照第98页 F1 型镗刀柄 F1 BORING SHANK	平行块系列 PARALLEL BLOCK SERIES		ZY-80002  ■详细请参照第99页 PB161 型平行块 PRECISION PARALLEL BLOCK
ZY-80006  ■详细请参照第99页 PB151 型平行块 PRECISION PARALLEL BLOCK	ZY-80008  ■详细请参照第100页 PB153 型平行块 PRECISION PARALLEL BLOCK	ZY-800010  ■详细请参照第100页 PB154 型平行块 PRECISION PARALLEL BLOCK	ZY-80012  ■详细请参照第100页 PB155 型平行块 PRECISION PARALLEL BLOCK
巡边器系列 EDGE FINDER SERIES		ZY-90002  ■详细请参照第101页 光电式巡边器 ELECTRONIC EDGE FINDER	ZY-90004  ■详细请参照第101页 偏心式巡边器 MECHANICAL EDGE FINDER
		其它系列 OTHER ACCESSORY SERIES	
ZY-100002  ■详细请参照第102页 DIN317 拆卸楔铁 MORSE SHANK PULLER	ZY-100004  ■详细请参照第102页 DIN318 半自动楔铁 HALF AUTOMATIC MORSE SHANK PULLER	ZY-100006  ■详细请参照第102页 刀柄锁刀座 VERTICAL HORIZONTAL TOOL HOLDER DEVICE	ZY-100008  ■详细请参照第103页 油压软爪 HYDRAULIC SOFT CLAWS

德国 Germany DIN 2080-A NT

国际 International ISO 7388/1-A JT

中国 China GB10944

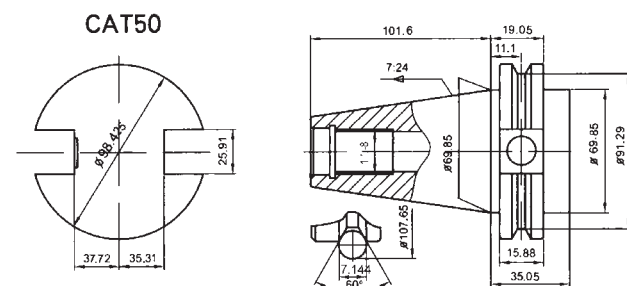
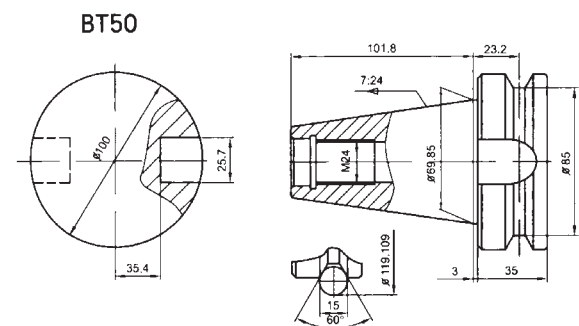
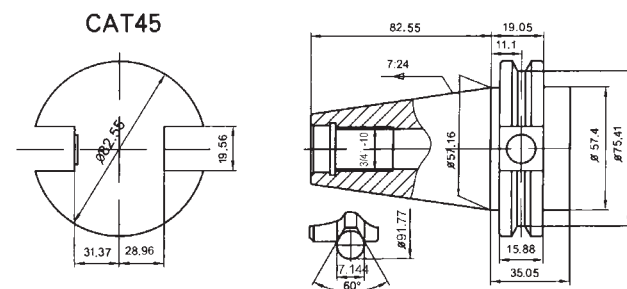
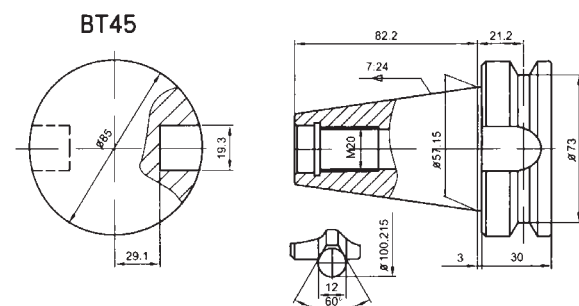
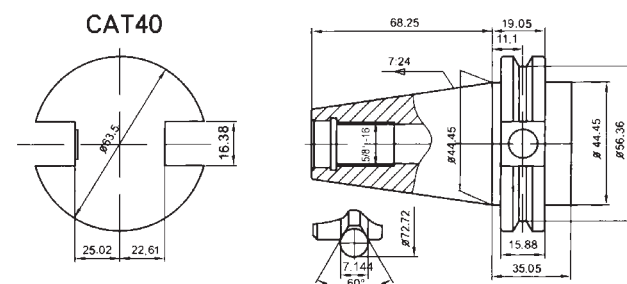
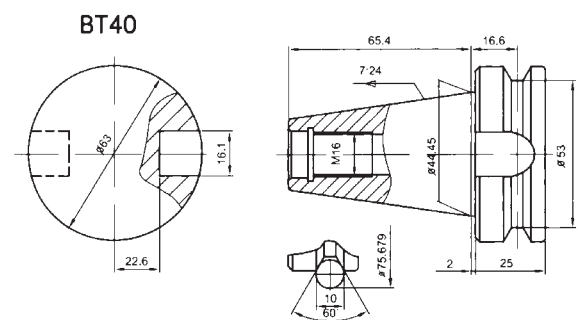
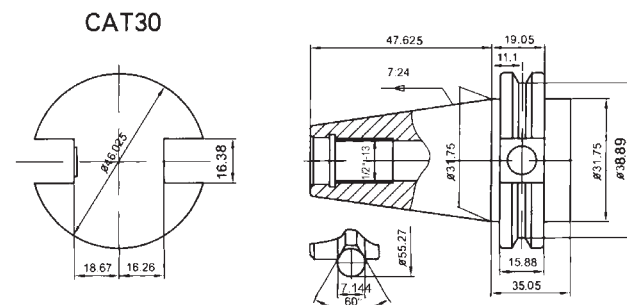
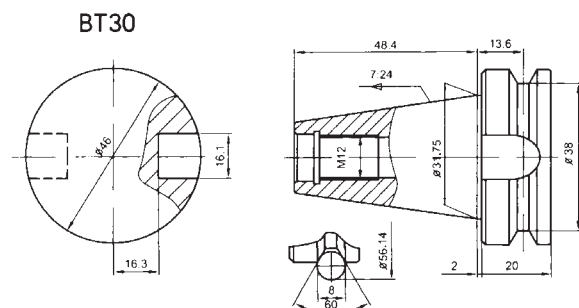
德国 Germany DIN69871 SK





日本 Japan MAS 403 BT

美国 America ANSI B5.50 CAT



ZY-10002 BT 锥数控铣夹头刀柄 MILLING CHUCK ARBORS

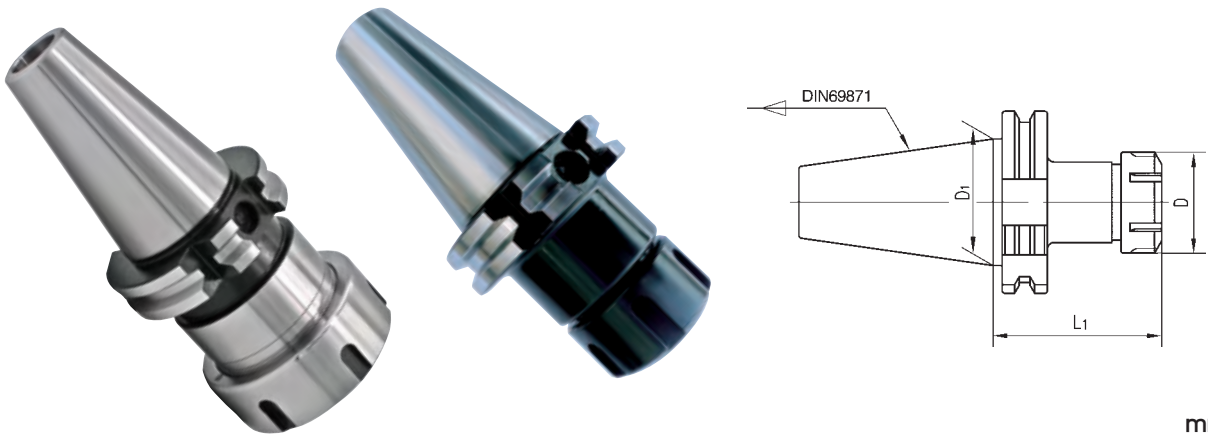


型号 Model No. BT X ER-L1	D	D1	型号 Model No. BT X ER-L1	D	D1
BT30×ER16-70	28	31.75	BT45×ER25-70	42	57.15
BT30×ER20-70	34	31.75	BT45×ER25-100	42	57.15
BT30×ER25-70	42	31.75	BT45×ER32-70	50	57.15
BT30×ER32-70	50	31.75	BT45×ER32-100	50	57.15
BT30×ER40-80	63	31.75	BT45×ER32-120	50	57.15
BT40×ER16-70	28	44.45	BT45×ER40-80	63	57.15
BT40×ER20-70	34	44.45	BT45×ER40-100	63	57.15
BT40×ER20-100	34	44.45	BT45×ER40-120	63	57.15
BT40×ER20-150	34	44.45	BT50×ER16-70	28	69.85
BT40×ER25-60	42	44.45	BT50×ER16-90	28	69.85
BT40×ER25-70	42	44.45	BT50×ER20-70	34	69.85
BT40×ER25-90	42	44.45	BT50×ER20-90	34	69.85
BT40×ER25-100	42	44.45	BT50×ER20-150	34	69.85
BT40×ER25-150	42	44.45	BT50×ER25-70	42	69.85
BT40×ER32-70	50	44.45	BT50×ER32-70	50	69.85
BT40×ER32-100	50	44.45	BT50×ER32-80	50	69.85
BT40×ER32-150	50	44.45	BT50×ER32-100	50	69.85
BT40×ER40-70	63	44.45	BT50×ER32-120	50	69.85
BT40×ER40-80	63	44.45	BT50×ER40-80	63	69.85
BT40×ER40-150	63	44.45	BT50×ER40-100	63	69.85
BT40×ER50-100	78	44.45	BT50×ER40-120	63	69.85
BT45×ER16-70	28	57.15	BT50×ER50-90	78	69.85
BT45×ER20-70	34	57.15	BT50×ER50-120	78	69.85

1. 订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请标明AD/B型，如BT40AD/BXER32-70。
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. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
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.



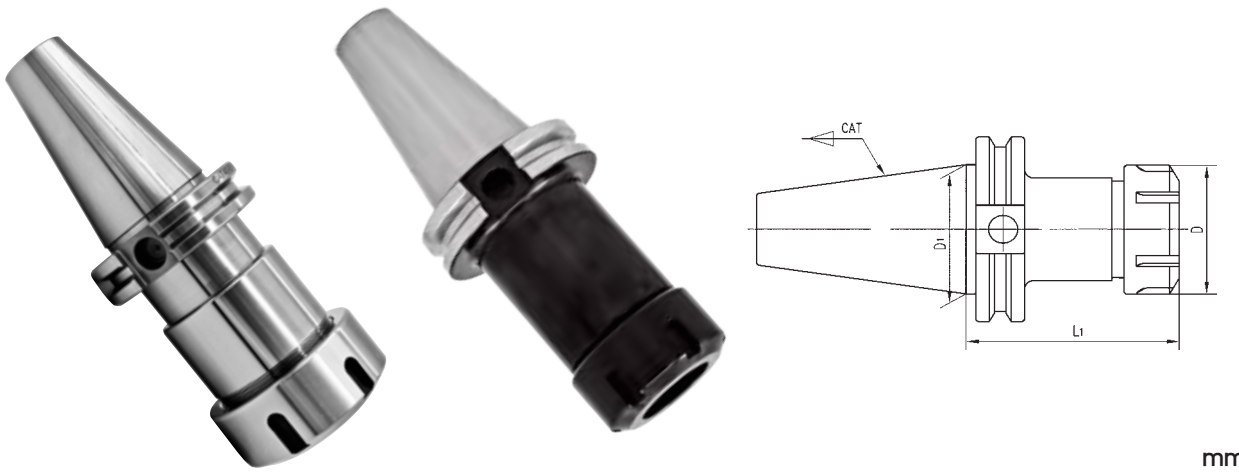
ZY-10004 DIN69871 锥数控铣夹头刀柄 MILLING CHUCK ARBORS



型号 Model No. DIN69871 .AXER-L1	D	D1	型号 Model No. DIN69871 .AXER-L1	D	D1
DIN69871 .A30×ER11-80	19	31.75	DIN69871 .A40×ER40-80	63	44.45
DIN69871 .A30×ER16-63	28	31.75	DIN69871 .A40×ER40-100	63	44.45
DIN69871 .A30×ER20-63	34	31.75	DIN69871 .A40×ER40-150	63	44.45
DIN69871 .A30×ER25-63	42	31.75	DIN69871 .A40×ER50-100	78	44.45
DIN69871 .A40×ER11-80	19	44.45	DIN69871 .A50×ER16-70	28	69.85
DIN69871 .A40×ER16-63	28	44.45	DIN69871 .A50×ER16-100	28	69.85
DIN69871 .A40×ER16-70	28	44.45	DIN69871 .A50×ER20-70	34	69.85
DIN69871 .A40×ER16-100	28	44.45	DIN69871 .A50×ER20-100	34	69.85
DIN69871 .A40×ER20-70	34	44.45	DIN69871 .A50×ER25-70	42	69.85
DIN69871 .A40×ER20-100	34	44.45	DIN69871 .A50×ER25-100	42	69.85
DIN69871 .A40×ER25-60	42	44.45	DIN69871 .A50×ER25-150	42	69.85
DIN69871 .A40×ER25-70	42	44.45	DIN69871 .A50×ER32-80	50	69.85
DIN69871 .A40×ER25-100	42	44.45	DIN69871 .A50×ER32-100	50	69.85
DIN69871 .A40×ER25-150	42	44.45	DIN69871 .A50×ER40-80	63	69.85
DIN69871 .A40×ER32-70	50	44.45	DIN69871 .A50×ER40-120	63	69.85
DIN69871 .A40×ER32-80	50	44.45	DIN69871 .A50×ER50-90	78	69.85
DIN69871 .A40×ER32-100	50	44.45	DIN69871 .A50×ER50-100	78	69.85
DIN69871 .A40×ER32-150	50	44.45	DIN69871 .A50×ER50-150	78	69.85

1. 订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请标明AD/B型，如DIN69871.40AD/BXER32-70。
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. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
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.

ZY-10006 CAT 锥数控铣夹头刀柄 MILLING CHUCK ARBORS



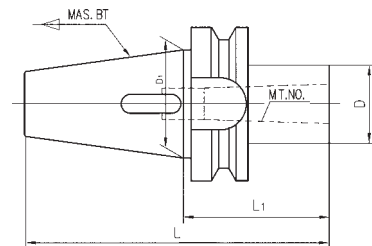
型号 Model No. CAT X ER-L1	D	D1	型号 Model No. CAT X ER-L1	D	D1
CAT40×ER16-63	28	44.45	CAT40×ER50-80	78	44.45
CAT40×ER16-70	28	44.45	CAT40×ER50-100	78	44.45
CAT40×ER16-100	28	44.45	CAT50×ER16-70	28	69.85
CAT40×ER16-150	28	44.45	CAT50×ER16-90	28	69.85
CAT40×ER20-70	34	44.45	CAT50×ER16-100	28	69.85
CAT40×ER20-90	34	44.45	CAT50×ER20-70	34	69.85
CAT40×ER20-100	34	44.45	CAT50×ER20-90	34	69.85
CAT40×ER20-150	34	44.45	CAT50×ER20-100	34	69.85
CAT40×ER25-70	42	44.45	CAT50×ER20-150	34	69.85
CAT40×ER25-90	42	44.45	CAT50×ER25-70	42	69.85
CAT40×ER25-100	42	44.45	CAT50×ER25-100	42	69.85
CAT40×ER25-150	42	44.45	CAT50×ER25-150	42	69.85
CAT40×ER32-70	50	44.45	CAT50×ER32-70	50	69.85
CAT40×ER32-100	50	44.45	CAT50×ER32-80	50	69.85
CAT40×ER32-150	50	44.45	CAT50×ER32-100	50	69.85
CAT40×ER40-70	63	44.45	CAT50×ER40-80	63	69.85
CAT40×ER40-80	63	44.45	CAT50×ER40-100	63	69.85
CAT40×ER40-100	63	44.45	CAT50×ER50-90	78	69.85
CAT40×ER40-150	63	44.45	CAT50×ER50-100	78	69.85

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。

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.



ZY-10008 BT 锥数控莫氏变径套(扁尾型) MORSE TAPER(WITH TANG)

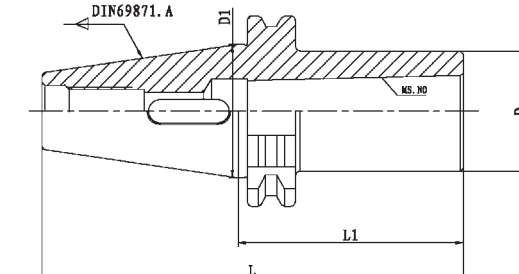


mm

型号 Model No. BT×MT.NO.—L1	L	D	D1	重量 Wt(kg)
BT30×MTA1—45	93.4	25	31.75	0.55
BT30×MTA2—60	108.4	32	31.75	0.90
BT30×MTA3—80	128.4	40	31.75	0.90
BT40×MTA1—45	110.4	25	44.45	1.20
BT40×MTA2—50	115.4	32	44.45	1.55
BT40×MTA2—60	125.4	32	44.45	1.65
BT40×MTA3—70	135.4	40	44.45	1.80
BT40×MTA3—75	140.4	40	44.45	1.90
BT40×MTA4—90	155.4	48	44.45	2.30
BT40×MTA4—95	160.4	48	44.45	2.40
BT40×MTA4—135	200.4	48	44.45	2.65
BT45×MTA1—120	202.8	25	57.15	1.90
BT45×MTA2—120	202.8	32	57.15	2.30
BT45×MTA3—120	202.8	40	57.15	2.40
BT45×MTA4—98	180.8	48	57.15	2.40
BT50×MTA1—45	146.8	25	69.85	4.10
BT50×MTA2—50	151.8	32	69.85	4.00
BT50×MTA2—60	161.8	32	69.85	4.20
BT50×MTA2—120	221.8	32	69.85	4.30
BT50×MTA3—65	166.8	40	69.85	4.20
BT50×MTA3—75	176.8	40	69.85	4.30
BT50×MTA3—120	221.8	40	69.85	4.40
BT50×MTA3—150	251.8	40	69.85	4.68
BT50×MTA4—95	196.8	48	69.85	5.00
BT50×MTA5—105	206.8	63	69.85	5.00

1. 订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请标明AD/B型，如BT40AD/BXMTA3—75。
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. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
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.

ZY-10010 DIN 锥数控莫氏变径套(扁尾型) MORSE TAPER WITH TANG



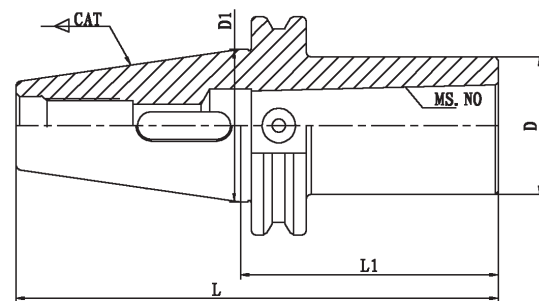
mm

型号 Model No. DIN69871.A×MT.NO.—L1	L	D	D1	重量 Wt(kg)
DIN69871.A30×MTA1—50	97.8	25	31.75	0.55
DIN69871.A30×MTA2—60	107.8	32	31.75	0.80
DIN69871.A30×MTA3—75	122.8	40	31.75	0.85
DIN69871.A40×MTA1—45	113.4	25	44.45	1.20
DIN69871.A40×MTA1—50	118.4	25	44.45	1.30
DIN69871.A40×MTA2—50	118.4	32	44.45	1.50
DIN69871.A40×MTA2—60	128.4	32	44.45	1.56
DIN69871.A40×MTA3—75	143.4	40	44.45	1.80
DIN69871.A40×MTA4—95	163.4	48	44.45	2.40
DIN69871.A50×MTA1—45	146.75	25	69.85	4.05
DIN69871.A50×MTA2—60	161.75	32	69.85	4.40
DIN69871.A50×MTA3—65	166.75	40	69.85	4.50
DIN69871.A50×MTA4—95	196.75	48	69.85	4.90
DIN69871.A50×MTA5—100	201.75	61	69.85	5.10
DIN69871.A50×MTA5—105	206.75	61	69.85	5.15

1. 订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请标明AD/B型，如DIN69871.40AD/BXMT3—75。
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. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
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.



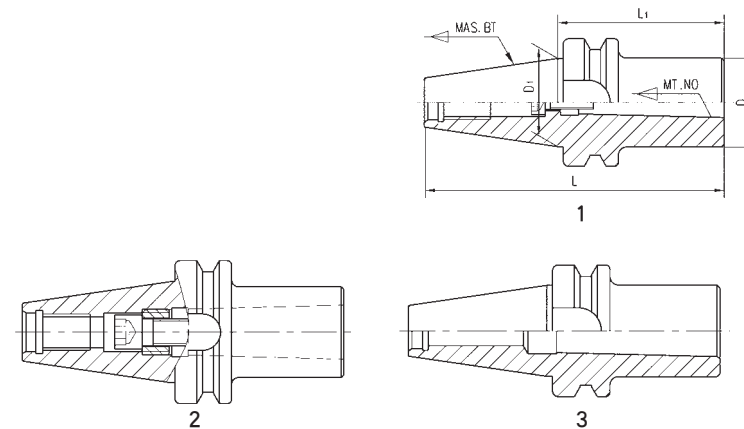
ZY-10012 CAT 锥数控莫氏变径套(扁尾型) MORSE TAPER WITH TANG



mm				
型号 Model No. CAT×MT.NO.—L1	L	D	D1	重量 Wt(kg)
CAT40×MTA1—45	113.25	25	44.45	1.30
CAT40×MTA2—63	131.25	32	44.45	1.70
CAT40×MTA3—75	143.25	40	44.45	2.00
CAT40×MTA4—100	168.25	48	44.45	2.50
CAT45×MTA1—40	122.55	25	57.15	2.70
CAT45×MTA2—50	132.55	32	57.15	3.80
CAT45×MTA3—73	155.55	40	57.15	4.20
CAT45×MTA4—95	177.55	48	57.15	4.60
CAT45×MTA5—125	207.55	61	57.15	5.50
CAT50×MTA1—40	141.6	25	69.85	4.00
CAT50×MTA2—50	151.6	32	69.85	4.00
CAT50×MTA2—135	236.6	32	69.85	5.00
CAT50×MTA3—63	164.6	40	69.85	4.50
CAT50×MTA3—150	251.6	40	69.85	5.50
CAT50×MTA4—85	186.6	48	69.85	4.80
CAT50×MTA5—105	206.6	61	69.85	5.20

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，订购时请注明精度。
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.

ZY-10014 数控莫氏变径套(后拉型) MORSE TAPER(WITH DRAWBAR)

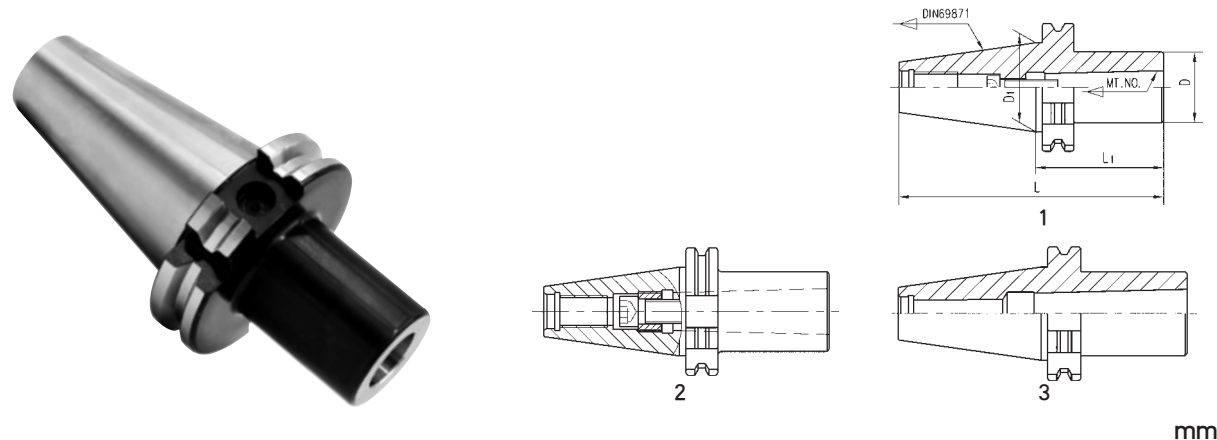


型号 Model No. BT×MT.NO.—L1	L	D	D1	示意图 Figure
BT40×MTB1—45	110.4	25	44.45	1
BT40×MTB2—60	125.4	32		1
BT40×MTB3—75	140.4	40		2
BT40×MTB3—90	155.4	40		2
BT40×MTB4—95	160.4	48		3
BT40×MTB4—100	165.4	48	69.85	2
BT50×MTB1—45	146.8	25		1
BT50×MTB2—45	146.8	32		1
BT50×MTB2—60	161.8	32		1
BT50×MTB3—60	161.8	40		1
BT50×MTB3—75	176.8	40		1
BT50×MTB4—80	181.8	48		3
BT50×MTB4—100	201.8	48		2
BT50×MTB5—100	201.8	63		3
BT50×MTB5—120	221.8	63		2

- 注：1. 示意图1所示的刀柄使用时需安装内六角螺钉
2. 示意图2所示的刀柄使用时需安装标准拉钉，订购时如需拉钉请注明
3. 示意图3所示的刀柄使用时需安装加长拉钉，订购时如需拉钉请注明
4. 订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请标明AD/B型，如BT40AD/BXMTB3—75。
5. 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。
- Note: 1. See figure 1, when the arbor being used, it is necessary to fix inner hex screw.
2. See figure 2, when the arbor being used, it is necessary to fix standard knob, please note when order it.
3. See figure 3, when the arbor being used, it is necessary to fix extension knob, please note when order it.
4. When order please indicate the hilt the concrete form. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
5. 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.



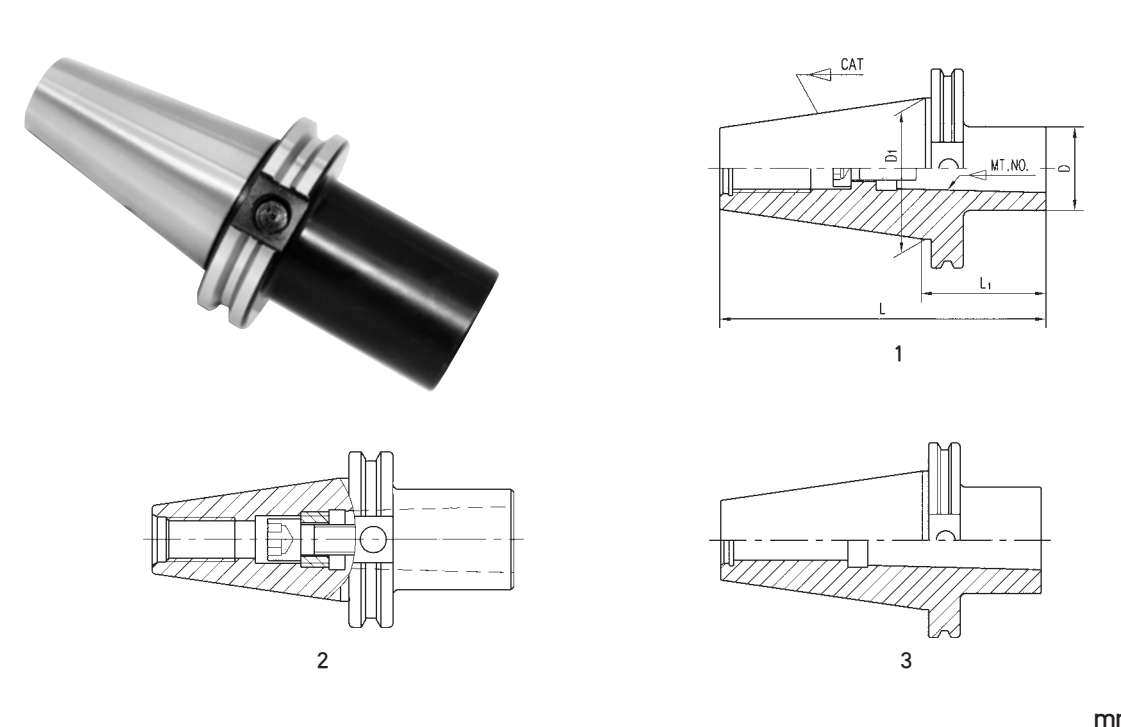
ZY-10016 DIN 锥数控莫氏变径套(后拉型) MORSE TAPER(WITH DRAWBAR)



型号 Model No. DIN69871 .AXMT .NO. -L1	L	D	D1	示意图 Figure
DIN69871 .A40XMTB1-45	113.4	25	44.45	1
DIN69871 .A40XMTB2-60	128.4	32		1
DIN69871 .A40XMTB3-70	138.4	40		3
DIN69871 .A40XMTB3-80	148.4	40		2
DIN69871 .A40XMTB3-100	168.4	40		2
DIN69871 .A40XMTB4-90	158.4	48		3
DIN69871 .A40XMTB4-100	168.4	48	69.85	2
DIN69871 .A50XMTB1-45	146.8	25		1
DIN69871 .A50XMTB2-45	146.8	32		1
DIN69871 .A50XMTB3-60	161.8	40		1
DIN69871 .A50XMTB3-80	181.8	40		1
DIN69871 .A50XMTB4-80	181.8	48		3
DIN69871 .A50XMTB4-90	191.8	48		2
DIN69871 .A50XMTB4-120	221.8	48		2
DIN69871 .A50XMTB5-100	201.8	61		3
DIN69871 .A50XMTB5-120	221.8	61		2

- 注: 1. 示意图1所示的刀柄使用时需安装内六角螺钉
2. 示意图2所示的刀柄使用时需安装标准拉钉, 订购时如需拉钉请注明
3. 示意图3所示的刀柄使用时需安装加长拉钉, 订购时如需拉钉请注明
4. 订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄, 请标明AD/B型, 如DIN69871.40AD/BXMTB3-70。
5. 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。
- Note: 1. See figure 1,when the arbor being used,it is necessary to fix inner hex screw.
2. See figure 2,when the arbor bein used,it is necessary to fix standard knob,please note when order it.
3. See figure 3,when the arbor being used,it is necessary to fix extension knob,please onte when order it.
4. When order please indicate the hilt the concrete form. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
5. 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.

ZY-10018 CAT 锥数控莫氏变径套(后拉型) MORSE TAPER(WITH DRAWBAR)

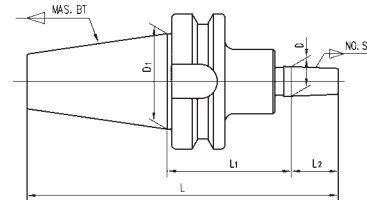


型号 Model No. CAT x MT .NO. -L1	L	D	D1	示意图 Figure
CAT40 x MTB1-45	113.25	25	44.45	1
CAT40 x MTB2-60	128.25	32		1
CAT40 x MTB3-75	143.25	40		2
CAT40 x MTB3-90	158.25	40		2
CAT40 x MTB4-100	168.25	48		2
CAT50 x MTB2-60	161.6	31.75	69.85	1
CAT50 x MTB3-60	161.6	41.28		1
CAT50 x MTB4-90	191.6	50.8		2
CAT50 x MTB5-100	201.6	69.85		3

- 注: 1. 示意图1所示的刀柄使用时需安装内六角螺钉
2. 示意图2所示的刀柄使用时需安装标准拉钉, 订购时如需拉钉请注明
3. 示意图3所示的刀柄使用时需安装加长拉钉, 订购时如需拉钉请注明
4. 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, 订购时请注明精度。
- Note: 1. See figure 1,when the arbor being used,it is necessary to fix inner hex screw.
2. See figure 2,when the arbor being used,it is necessary to fix standard knob,please note when order it.
3. See figure 3,when the arbor being used,it is necessary to fix extension knob,please onte when order it.
4. 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.



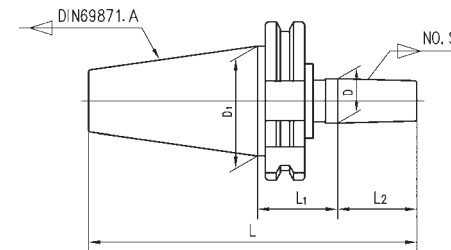
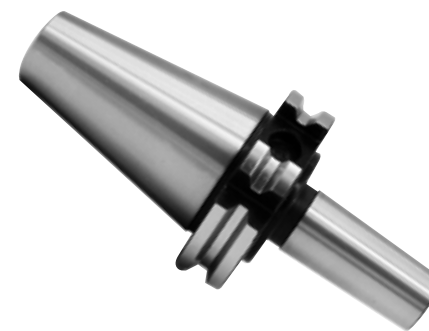
ZY-10020 BT 锥数控钻接杆 DRILL CHUCK ARBORS



mm						
型号 Model No. BT-NO.S-L1	L2	L	D	D1	拉杆 Drawbar thread	重量 Wt(kg)
BT30-J1-45	16.669	110	9.754	31.75	M12	0.60
BT30-J2-45	22.225	115.6	14.199	31.75	M12	0.70
BT30-J3-45	30.956	124.4	20.599	31.75	M12	0.80
BT30-J6-45	25.4	118.8	17.170	31.75	M12	0.75
BT30-J33-45	25.4	118.8	15.850	31.75	M12	0.75
BT30-B10-45	14.5	107.9	10.094	31.75	M12	0.60
BT30-B12-45	18.5	111.9	12.065	31.75	M12	0.60
BT30-B16-45	24	117.4	15.733	31.75	M12	0.70
BT30-B18-45	32	125.4	17.780	31.75	M12	0.82
BT40-J1-45	16.669	127.1	9.754	44.45	M16	1.15
BT40-J2-45	22.225	132.6	14.199	44.45	M16	1.25
BT40-J2S-45	19.05	129.4	13.940	44.45	M16	1.20
BT40-J3-45	30.956	141.4	20.599	44.45	M16	1.45
BT40-J4-45	42.069	152.5	28.550	44.45	M16	1.55
BT40-J5-45	47.625	158	35.890	44.45	M16	1.60
BT40-J6-45	25.4	135.8	17.170	44.45	M16	1.30
BT40-J33-45	25.4	135.8	15.850	44.45	M16	1.30
BT40-B10-45	14.5	124.9	10.094	44.45	M16	1.40
BT40-B10-120	14.5	199.9	10.094	44.45	M16	1.76
BT40-B12-45	18.5	128.9	12.065	44.45	M16	1.34
BT40-B16-32	24	121.4	15.733	44.45	M16	1.40
BT40-B16-45	24	134.4	15.733	44.45	M16	1.45
BT40-B16-75	24	164.4	15.733	44.45	M16	1.55
BT40-B16-90	24	179.4	15.733	44.45	M16	1.40
BT40-B18-45	32	142.4	17.780	44.45	M16	1.70
BT40-B18-75	32	172.4	17.780	44.45	M16	1.76
BT50-J1-45	16.669	163.5	9.754	69.85	M24	3.60
BT50-J2-45	22.225	169	14.199	69.85	M24	3.95
BT50-J2S-45	19.05	165.9	13.940	69.85	M24	3.90
BT50-J3-45	30.956	177.8	20.599	69.85	M24	3.70
BT50-J4-45	42.069	188.9	28.550	69.85	M24	3.75
BT50-J5-45	47.625	194.4	35.890	69.85	M24	3.80
BT50-J6-45	25.4	172.2	17.170	69.85	M24	4.00
BT50-J33-45	25.4	172.2	15.850	69.85	M24	4.00
BT50-B10-45	14.5	161.3	10.094	69.85	M24	3.60
BT50-B10-100	14.5	216.3	10.094	69.85	M24	3.80
BT50-B12-45	18.5	165.3	12.065	69.85	M24	3.60
BT50-B16-45	24	170.8	15.733	69.85	M24	3.65
BT50-B16-60	24	185.8	15.733	69.85	M24	3.70
BT50-B16-75	24	200.8	15.733	69.85	M24	3.74
BT50-B16-90	24	215.8	15.733	69.85	M24	3.78
BT50-B18-45	32	178.8	17.780	69.85	M24	3.70



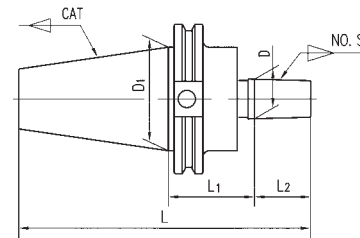
ZY-10022 DIN 锥数控钻接杆 DRILL CHUCK ARBORS



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型号 Model No. DIN69871.A-NO.S-L1	L2	L	D	D1	拉杆 Drawbar thread
DIN69871.A40-J0-32	11.112	111.5	6.35	44.45	M16
DIN69871.A40-J1-32	16.669	117	9.754	44.45	M16
DIN69871.A40-J2-32	22.225	122.6	14.199	44.45	M16
DIN69871.A40-J2S-32	19.05	119.5	13.940	44.45	M16
DIN69871.A40-J3-32	30.956	131.4	20.599	44.45	M16
DIN69871.A40-J4-32	42.069	142.5	28.550	44.45	M16
DIN69871.A40-J5-32	47.625	148	35.890	44.45	M16
DIN69871.A40-J6-32	25.4	125.8	17.170	44.45	M16
DIN69871.A40-J33-32	25.4	125.8	15.850	44.45	M16
DIN69871.A40-B6-32	10	110.4	6.35	44.45	M16
DIN69871.A40-B10-32	14.5	114.9	10.094	44.45	M16
DIN69871.A40-B10-45	14.5	127.9	10.094	44.45	M16
DIN69871.A40-B12-32	18.5	118.9	12.065	44.45	M16
DIN69871.A40-B12-80	18.5	166.9	12.065	44.45	M16
DIN69871.A40-B16-26	24	118.4	15.733	44.45	M16
DIN69871.A40-B16-32	24	124.4	15.733	44.45	M16
DIN69871.A40-B16-45	24	137.4	15.733	44.45	M16
DIN69871.A40-B18-32	32	132.4	17.780	44.45	M16
DIN69871.A40-B18-45	32	145.4	17.780	44.45	M16
DIN69871.A40-B22-32	40.5	140.9	21.793	44.45	M16
DIN69871.A40-B24-32	50.5	150.9	23.825	44.45	M16
DIN69871.A50-B16-45	24	170.75	15.733	69.85	M24
DIN69871.A50-J3-45	30.965	177.7	20.599	69.85	M24
DIN69871.A50-J6-45	25.4	172.1	17.170	69.85	M24
DIN69871.A50-J33-45	25.4	172.1	15.850	69.85	M24
DIN69871.A50-B16-45	24	170.8	15.733	69.85	M24
DIN69871.A50-B18-45	32	178.8	17.780	69.85	M24
DIN69871.A50-B22-60	40.5	202.3	21.793	69.85	M24
DIN69871.A50-B24-60	50.5	212.3	23.825	69.85	M24



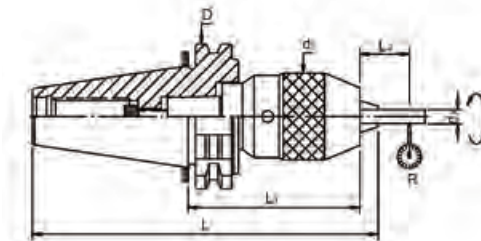
ZY-10024 CAT 锥数控钻接杆 DRILL CHUCK ARBORS



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型号 Model No. CAT-NO. S-L1	L2	L	D	D1	拉杆 Drawbar thread
CAT40-J2-45	22.225	135.5	14.199	44.45	5/8"-11
CAT40-J3-45	30.956	144.2	20.599	44.45	5/8"-11
CAT40-J4-45	42.069	155.3	28.55	44.45	5/8"-11
CAT40-J6-45	25.4	138.65	17.17	44.45	5/8"-11
CAT40-J33-45	25.4	138.65	15.85	44.45	5/8"-11
CAT40-B16-45	24	137.25	15.733	44.45	5/8"-11
CAT40-B18-45	32	145.25	17.780	44.45	5/8"-11
CAT45-J1-45	16.669	144.2	9.754	57.15	3/4"-10
CAT45-J2-45	22.225	150	14.199	57.15	3/4"-10
CAT45-J3-45	30.956	158.5	20.599	57.15	3/4"-10
CAT45-J4-45	42.069	169.6	28.55	57.15	3/4"-10
CAT45-J5-45	47.625	175.2	35.89	57.15	3/4"-10
CAT45-J6-45	25.4	153	17.17	57.15	3/4"-10
CAT45-J33-45	25.4	153	15.85	57.15	3/4"-10
CAT45-B10-45	14.5	142	10.094	57.15	3/4"-10
CAT45-B12-45	18.5	146	12.065	57.15	3/4"-10
CAT45-B16-32	24	138.6	15.733	57.15	3/4"-10
CAT45-B16-45	24	151.6	15.733	57.15	3/4"-10
CAT45-B18-45	32	159.6	17.780	57.15	3/4"-10
CAT50-J2-45	22.225	168.85	14.199	69.85	1"-8
CAT50-J3-45	30.956	177.56	20.599	69.85	1"-8
CAT50-J4-45	42.069	188.67	28.55	69.85	1"-8
CAT50-J5-45	47.625	194.23	35.89	69.85	1"-8
CAT50-J6-45	25.4	172	17.17	69.85	1"-8
CAT50-J33-45	25.4	172	15.85	69.85	1"-8
CAT50-B10-45	14.5	161.1	10.094	69.85	1"-8
CAT50-B12-45	18.5	165.1	12.065	69.85	1"-8
CAT50-B16-60	24	185.6	15.773	69.85	1"-8
CAT50-B18-60	32	193.6	17.780	69.85	1"-8
CAT50-B22-60	40.5	202.1	21.793	69.85	1"-8
CAT50-B24-60	50.5	212.1	23.825	69.85	1"-8

ZY-10026 整体式钻夹头 SELF-FASTEN DRILL CHUCK



BT/APU 整体式钻夹头 SELF-FASTEN DRILL CHUCK

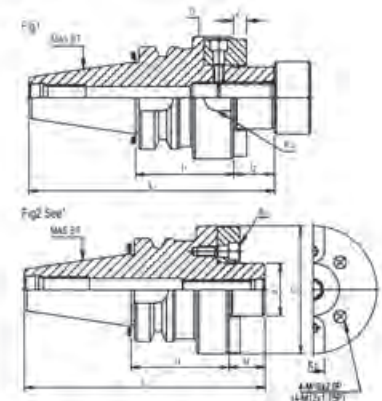
型 号 Model No.	L ₁	L	L ₂	D	d ₁	d ₂	R	重量Wt (kg)
BT30XAPU8-80	80	137.4	55	46	37	6	0.04	0.72
BT30XAPU13-110	110	170.4	75		50	13	0.04	1.85
BT30XAPU16-110	110	180.4	80		57	16	0.04	2.18
BT40XAPU8-85	85	159.4	55	63	37	6	0.04	1.46
BT40XAPU13-100	100	177.4	75		50	13	0.04	2.00
BT40XAPU16-105	105	187.4	80		57	16	0.04	2.33
BT50XAPU8-90	90	200.8	55	100	37	6	0.04	4.16
BT50XAPU13-100	100	213.8	75		50	13	0.04	4.70
BT50XAPU16-105	105	223.8	80		57	16	0.04	5.03

DIN69871/APU 整体式钻夹头 SELF-FASTEN DRILL CHUCK

型 号 Model No.	L ₁	L	L ₂	D	d ₁	d ₂	R	重量Wt (kg)
DIN69871.30XAPU8-80	80	139.8	55	50	37	6	0.04	0.60
DIN69871.30XAPU13-120	120	179.8	75		50	13	0.04	1.45
DIN69871.30XAPU16-125	125	179.8	75		57	16	0.04	1.78
DIN69871.40XAPU8-75	75	155.4	55	63.55	37	6	0.04	1.46
DIN69871.40XAPU13-100	100	180.4	75		50	13	0.04	2.00
DIN69871.40XAPU16-115	115	195.4	80		57	16	0.04	2.33
DIN69871.50XAPU8-75	75	188.75	55	97.50	37	6	0.04	3.86
DIN69871.50XAPU13-100	100	213.75	75		50	13	0.04	4.40
DIN69871.50XAPU16-105	105	218.75	80		57	16	0.04	4.73



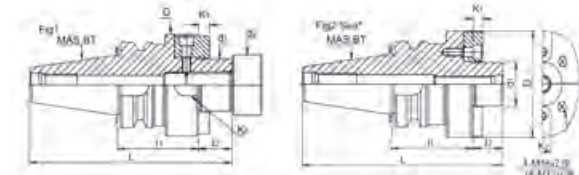
ZY-10028 BT/FMA 平面铣刀杆 BT/FMA SHELL MILL ARBORS



型 号 Model No.	L	L ₁	L ₂	D	d ₁	d ₂	K ₁	K ₂	重量Wt (kg)
BT30×FMA25.4-45	113.4	45	20	50	25.40	31.5	4.52	9.52	1.10
BT30×FMA25.4-60	128.4	60	20	50	25.40	31.5	4.52	9.52	1.30
BT30×FMA31.75-45	115.4	45	22	60	31.75	41	6.70	12.70	1.35
BT40×FMA25.4-45	130.4	45	20	50	25.40	31.5	4.52	9.52	1.80
BT40×FMA25.4-60	145.4	60	20	50	25.40	31.5	4.52	9.52	2.00
BT40×FMA25.4-90	175.4	90	20	50	25.40	31.5	4.52	9.52	2.60
BT40×FMA25.4-105	190.4	105	20	60	25.40	31.5	4.52	9.52	2.70
BT40×FMA31.75-45	132.4	45	22	60	31.75	41	6.70	12.70	2.00
BT40×FMA31.75-75	162.4	75	22	60	31.75	41	6.70	12.70	2.70
BT40×FMA31.75-90	177.4	90	22	60	31.75	41	6.70	12.70	2.90
BT40×FMA38.1-60	150.4	60	25	75	38.10	44.5	8.87	15.87	2.80
BT40×FMA50.80-60	151.4	60	36	98	50.80	68	9.75	19.05	4.00
BT50×FMA25.4-45	166.8	45	20	50	25.40	31.5	4.52	9.52	4.40
BT50×FMA25.4-90	211.8	90	20	50	25.40	31.5	4.52	9.52	5.10
BT50×FMA25.4-150	271.8	150	20	50	25.40	31.5	4.52	9.52	6.10
BT50×FMA31.75-45	168.8	45	22	60	31.75	41	6.70	12.70	4.50
BT50×FMA31.75-75	198.8	75	22	60	31.75	41	6.70	12.70	5.30
BT50×FMA31.75-105	228.8	105	22	98	31.75	41	6.70	12.70	5.70
BT50×FMA38.10-45	171.8	45	25	80	38.10	44.5	8.87	15.87	4.80
BT50×FMA38.10-75	201.8	75	25	80	38.10	44.5	8.87	15.87	6.00
BT50×FMA50.80-45	172.8	45	36	98	50.80	68	9.75	19.05	5.70
BT50×FMA50.80-75	202.8	75	36	98	50.80	68	9.75	19.05	6.80
BT50×FMA47.62-75	208.8	75	32	128.75	47.62	—	12.50	25.40	7.90

1. 订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请注明AD/B。
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. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
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.

ZY-10030 BT/FMB 平面铣刀杆 BT/FMB SHELL MILL ARBORS

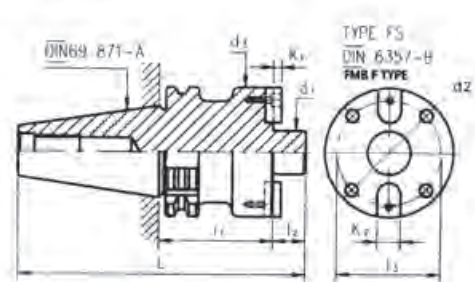
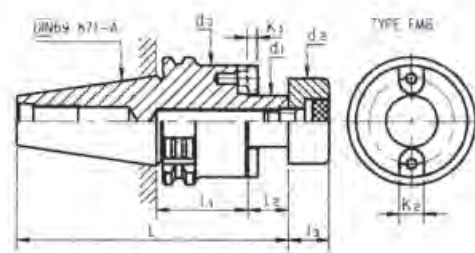


型 号 Model No.	L	L ₁	L ₂	D	d ₁	d ₂	K ₁	K ₂	重量Wt (kg)
BT30×FMB22-45	114.4	45	18	50	22	26	4.8	10	0.85
BT30×FMB22-60	126.4	60	18	50	22	26	4.8	10	1.25
BT30×FMB27-45	113.4	45	20	60	27	31.5	5.8	12	1.20
BT30×FMB27-60	128.4	60	20	60	27	31.5	5.8	12	1.35
BT30×FMB32-45	115.4	45	22	78	32	41	6.8	14	1.35
BT40×FMB22-45	128.4	45	18	48	22	26	4.8	10	1.45
BT40×FMB22-60	143.4	60	18	48	22	26	4.8	10	1.70
BT40×FMB27-45	130.4	45	20	60	27	31.5	5.8	12	1.60
BT40×FMB27-60	145.4	60	20	60	27	31.5	5.8	12	2.00
BT40×FMB27-90	175.4	90	20	60	27	31.5	5.8	12	2.30
BT40×FMB27-105	190.4	105	20	60	27	31.5	6.8	12	2.50
BT40×FMB32-45	132.4	45	22	78	32	41	6.8	12	1.75
BT40×FMB32-60	147.4	60	22	78	32	41	8.3	14	2.10
BT40×FMB40-60	150.4	60	25	80	40	48	4.8	14	2.80
BT50×FMB22-45	164.8	45	18	48	22	26	4.8	16	4.50
BT50×FMB22-90	209.8	90	18	48	22	26	4.8	10	5.10
BT50×FMB22-150	369.8	150	18	48	22	26	4.8	10	6.80
BT50×FMB27-50	171.8	50	20	60	27	31.5	5.8	10	7.00
BT50×FMB27-90	211.8	90	20	60	27	31.5	5.8	10	8.00
BT50×FMB27-150	271.8	150	20	60	27	31.5	5.8	12	7.50
BT50×FMB32-50	173.8	50	22	78	32	41	6.8	12	9.50
BT50×FMB32-90	213.8	90	22	78	32	41	6.8	12	11.0
BT50×FMB40-50	176.8	50	25	89	40	48	8.3	12	5.70
BT50×FMB40-90	216.8	90	25	89	40	48	8.3	14	5.80
BT50×FMB40-105	231.8	105	25	98	40	48	8.3	14	5.20
BT50×FMB40F-75	202.8	75	26	110	40	—	8.3	16	6.00
BT50×FMB60-75	201.8	75	25	140	60	—	12.5	16	7.20

1. 订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请注明AD/B。
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. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
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.

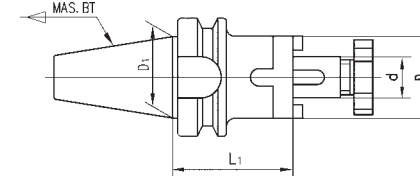


ZY-10032 DIN69871/FMB 平面铣刀杆 DIN69871/FMB SHELL MILL ARBORS



型 号 Model No.	L	L ₁	L ₂	D	d ₁	d ₂	K ₁	K ₂	重量Wt (kg)
DIN69871 . A30 × FMB22-35	100.8	18	14	26	47	47	4.8	10	1.00
DIN69871 . A30 × FMB27-35	102.8	20	16	31.5	58	58	5.8	12	1.05
DIN69871 . A40 × FMB22-35	121.4	18	14	26	47	47	4.8	10	1.20
DIN69871 . A40 × FMB27-60	148.4	20	16	31.5	58	58	5.8	12	1.80
DIN69871 . A40 × FMB32-60	150.4	22	16	41	66	66	6.8	14	2.30
DIN69871 . A40 × FMB40-60	153.4	25	20.5	48	82	82	8.3	16	2.58
DIN69871 . A50 × FMB22-35	154.75	15	14	26	47	47	4.8	10	3.40
DIN69871 . A50 × FMB27-35	156.75	20	16	31.5	58	58	5.8	12	3.50
DIN69871 . A50 × FMB32-35	158.75	22	16	41	66	66	6.8	14	3.70
DIN69871 . A50 × FMB40-50	189.75	25	20.5	48	82	82	8.3	16	4.70
DIN69871 . A50 × FMB50-60	211.75	30	25	68	95	95	9.7	19	5.80
DIN69871 . A50 × FMB40F-60	158.4	30	66.7	M12	89	89	8.3	15.9	2.90
DIN69871 . A50 × FMB40F-70	201.75	30	66.7	M12	89	89	8.3	15.9	5.50
DIN69871 . A50 × FMB60F-70	211.75	40	101.6	M16	129	129	12.5	25.4	5.70
DIN69871 . A50 × FS40-60	154.4	26	66.7	50	110	110	8.3	16	3.20
DIN69871 . A50 × FS40-70	211.75	26	66.7	50	110	110	8.3	16	5.70
DIN69871 . A50 × FS60-70	196.75	25	101.6	M16	140	140	12.5	25.4	5.50

1. 订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请注明AD/B。
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. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
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.

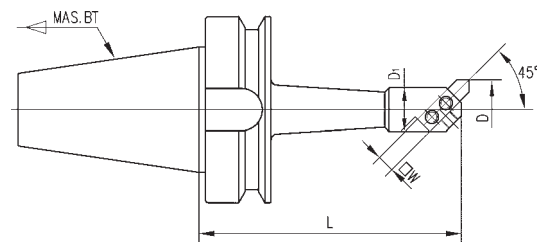
ZY-10034 BT 锥数控混合插入式铣刀杆
COMBI SHELL END MILL ARBORS

型号 Model No. BT × d-L1	D	D ₁	重量 Wt(kg)	型号 Model No. DIN69871 . A × d-L1	D	D ₁	重量 Wt(kg)
BT30 × 16-55	32	31.75	1.00	DIN69871 . A30 × 16-55	32	31.75	1.00
BT30 × 22-55	40	31.75	1.20	DIN69871 . A30 × 22-55	40	31.75	2.00
BT30 × 27-55	48	31.75	1.20	DIN69871 . A30 × 27-55	48	31.75	2.10
BT30 × 32-60	58	31.75	1.50	DIN69871 . A30 × 32-60	58	31.75	1.80
BT30 × 40-60	70	31.75	2.30	DIN69871 . A30 × 40-60	70	31.75	7.30
BT40 × 16-55	32	44.45	1.20	DIN69871 . A40 × 16-55	32	44.45	1.20
BT40 × 16-100	32	44.45	1.50	DIN69871 . A40 × 16-100	32	44.45	1.50
BT40 × 22-55	40	44.45	1.25	DIN69871 . A40 × 22-55	40	44.45	1.23
BT40 × 22-100	40	44.45	1.85	DIN69871 . A40 × 22-100	40	44.45	1.83
BT40 × 27-55	48	44.45	1.50	DIN69871 . A40 × 27-55	48	44.45	1.30
BT40 × 27-100	48	44.45	2.00	DIN69871 . A40 × 27-100	48	44.45	2.20
BT40 × 32-60	58	44.45	1.50	DIN69871 . A40 × 32-60	58	44.45	1.50
BT40 × 32-100	58	44.45	2.30	DIN69871 . A40 × 32-100	58	44.45	2.30
BT40 × 40-60	70	44.45	2.00	DIN69871 . A40 × 40-60	70	44.45	1.80
BT40 × 40-100	70	44.45	3.00	DIN69871 . A40 × 40-100	70	44.45	3.00
BT50 × 16-63	32	69.85	3.60	DIN69871 . A50 × 16-63	32	69.85	3.50
BT50 × 16-100	32	69.85	4.00	DIN69871 . A50 × 16-100	32	69.85	3.80
BT50 × 22-70	40	69.85	3.70	DIN69871 . A50 × 22-70	40	69.85	3.60
BT50 × 22-100	40	69.85	4.00	DIN69871 . A50 × 22-100	40	69.85	4.00
BT50 × 27-70	48	69.85	4.00	DIN69871 . A50 × 27-70	48	69.85	3.70
BT50 × 27-100	48	69.85	4.40	DIN69871 . A50 × 27-100	48	69.85	4.40
BT50 × 32-70	58	69.85	4.20	DIN69871 . A50 × 32-70	58	69.85	3.80
BT50 × 32-100	58	69.85	4.70	DIN69871 . A50 × 32-100	58	69.85	4.70
BT50 × 40-75	70	69.85	4.50	DIN69871 . A50 × 40-75	70	69.85	3.90
BT50 × 40-100	70	69.85	5.50	DIN69871 . A50 × 40-100	70	69.85	5.30
BT50 × 50-75	90	69.85	4.60	DIN69871 . A50 × 50-75	90	69.85	4.50
BT50 × 50-125	90	69.85	7.20	DIN69871 . A50 × 50-125	90	69.85	7.20

1. 订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请注明AD/B型，如BT40AD/BX32-60。
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. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
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.

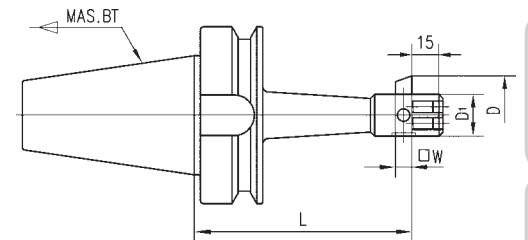


ZY-10038 倾斜型数控粗镗刀柄 ANGULAR MOUNTING SQUARE BITE BORING ARBORS



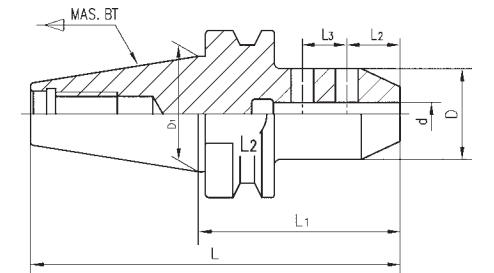
型号 Model No.	D		D1	L	W	配用方刀型号 Type of square cutter
	min	max				
BT40-TQC25-150	25	38	20	150	8	F8-45-32
BT40-TQC30-150	30	42	24	150	8	F8-45-36
BT40-TQC38-150	38	52	30	150	10	F10-45-48
BT40-TQC42-150	42	56	34	150	10	F10-45-52
BT40-TQC50-150	50	65	40	150	13	F13-45-62
BT40-TQC62-150	62	90	50	150	16	F16-45-80
BT40-TQC72-150	72	110	60	150	19	F19-45-92
BT45-TQC25-180	25	38	20	180	8	F8-45-32
BT45-TQC30-180	30	42	24	180	8	F8-45-36
BT45-TQC38-200	38	52	30	200	10	F10-45-48
BT45-TQC42-200	42	56	34	200	10	F10-45-52
BT45-TQC50-200	50	65	40	200	13	F13-45-62
BT45-TQC50-230	50	65	40	230	13	F13-45-62
BT45-TQC62-200	62	90	50	200	16	F16-45-80
BT45-TQC62-270	62	90	50	270	16	F16-45-80
BT45-TQC72-200	72	110	60	200	19	F19-45-92
BT45-TQC72-270	72	110	60	270	19	F19-45-92
BT45-TQC72-250	72	110	60	250	19	F19-45-92
BT45-TQC90-200	90	125	75	200	19	F19-45-118
BT45-TQC90-250	90	125	75	250	19	F19-45-118
BT50-TQC25-150	25	38	20	150	8	F8-45-32
BT50-TQC30-170	30	42	24	170	8	F8-45-36
BT50-TQC38-170	38	52	30	170	10	F10-45-48
BT50-TQC42-180	42	56	34	180	10	F10-45-48
BT50-TQC50-200	50	65	40	200	13	F13-45-62
BT50-TQC62-250	62	90	50	250	16	F16-45-80
BT50-TQC72-250	72	110	60	250	19	F19-45-92
BT50-TQC90-250	90	125	75	250	19	F19-45-118

ZY-10040 直角型数控粗镗刀柄 STRAIGHT MOUNTING SQUARE BITE BORING ARBORS



型号 Model No.	D		D1	L	W	配用方刀型号 Type of square cutter
	min	max				
BT45-TZC25-120	25	40	20	120	8	F8-82-24
BT45-TZC38-150	38	60	30	150	10	F10-82-36
BT45-TZC50-165	50	70	40	165	13	F13-82-48
BT45-TZC72-195	72	100	60	195	19	F19-82-70

ZY-10042 BT 锥数控立铣刀杆 END MILL ADAPTERS



型号 Model No. BT × d—L1	L	D	D1	L2	L3	重量 Wt(kg)
BT30×6-50	98.4	25	31.75	18		0.66
BT30×6-60	108.4	25	31.75	18		0.72
BT30×8-60	108.4	28	31.75	18		0.80
BT30×10-60	108.4	35	31.75	20		0.83
BT30×10-80	128.4	35	31.75	20		0.83
BT30×12-60	108.4	42	31.75	22.5		0.88
BT30×14-60	108.4	44	31.75	22.5		1.02
BT30×16-75	123.4	48	31.75	24		1.04
BT30×18-75	123.4	50	31.75	24		1.26
BT30×20-75	123.4	52	31.75	25		1.36
BT30×25-90	138.4	65	31.75	24	25	1.50



ZY-10044 数控立铣刀杆 END MILL ADAPTERS

mm						
型号 Model No. BT × d-L1	L	D	D1	L2	L3	重量 Wt(kg)
BT40 × 6-50	115.4	25	44.45	18		0.96
BT40 × 6-60	125.4	25	44.45	18		0.98
BT40 × 8-50	115.4	28	44.45	18		1.00
BT40 × 10-63	128.4	35	44.45	20		1.08
BT40 × 12-63	128.4	42	44.45	22.5		1.20
BT40 × 14-63	128.4	44	44.45	22.5		1.22
BT40 × 16-63	128.4	48	44.45	24		1.24
BT40 × 16-70	135.4	48	44.45	24		1.30
BT40 × 18-63	128.4	50	44.45	24		1.36
BT40 × 20-63	128.4	52	44.45	25		1.36
BT40 × 20-70	135.4	52	44.45	25		2.10
BT40 × 25-90	155.4	65	44.45	24	25	2.07
BT40 × 25-100	165.4	65	44.45	24	25	2.08
BT40 × 32-100	165.4	72	44.45	24	28	2.25
BT40 × 32-110	175.4	72	44.45	24	28	2.30
BT40 × 40-120	185.4	90	44.45	30	32	2.50
BT40 × 40-140	205.4	90	44.45	30	32	2.80
BT50 × 6-63	164.8	25	69.85	18		3.20
BT50 × 8-63	164.8	28	69.85	18		3.23
BT50 × 10-63	164.8	35	69.85	20		3.24
BT50 × 12-80	181.8	42	69.85	22.5		3.36
BT50 × 16-80	181.8	48	69.85	24		3.48
BT50 × 20-80	181.8	52	69.85	25		3.52
BT50 × 25-100	201.8	65	69.85	24	25	4.28
BT50 × 25-105	206.8	65	69.85	24	25	4.30
BT50 × 25-150	251.8	65	69.85	24	25	4.35
BT50 × 25-200	301.8	65	69.85	24	25	4.40
BT50 × 32-100	201.8	72	69.85	24	28	4.44
BT50 × 32-105	206.8	72	69.85	24	28	4.56
BT50 × 40-115	216.8	90	69.85	30	32	4.58
BT50 × 40-120	221.8	90	69.85	30	32	4.58
BT50 × 50-150	251.8	100	69.85	35	35	4.90

1. 订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请标明AD/B型，如BT40AD/BX12-63。
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. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
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.

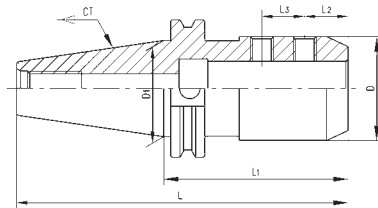
ZY-10046 DIN 锥数控立铣刀杆 END MILL ADAPTERS

mm						
型号 Model No. DIN69871.A × d-L1	L	D	D1	L2	L3	重量 Wt(kg)
DIN69871.A30 × 6-50	97.8	25	31.75	18		0.58
DIN69871.A30 × 8-50	97.8	28	31.75	18		0.64
DIN69871.A30 × 10-50	97.8	35	31.75	20		0.72
DIN69871.A30 × 12-50	97.8	42	31.75	22.5		0.80
DIN69871.A30 × 16-50	97.8	48	31.75	24		0.96
DIN69871.A40 × 6-50	118.4	25	44.45	18		0.92
DIN69871.A40 × 8-50	118.4	28	44.45	18		0.96
DIN69871.A40 × 10-50	118.4	35	44.45	20		2.00
DIN69871.A40 × 12-50	118.4	42	44.45	22.5		1.12
DIN69871.A40 × 14-50	118.4	44	44.45	22.5		1.12
DIN69871.A40 × 16-63	131.4	48	44.45	24		1.20
DIN69871.A40 × 18-63	131.4	50	44.45	24		1.20
DIN69871.A40 × 20-63	131.4	52	44.45	25		1.32
DIN69871.A40 × 25-100	168.4	65	44.45	24	25	2.04
DIN69871.A40 × 32-100	168.4	72	44.45	24	28	2.24
DIN69871.A40 × 40-120	188.4	90	44.45	30	32	2.40
DIN69871.A50 × 6-63	164.75	25	69.85	18		3.30
DIN69871.A50 × 8-63	164.75	28	69.85	18		3.40
DIN69871.A50 × 10-63	164.75	35	69.85	20		3.42
DIN69871.A50 × 12-63	164.75	42	69.85	22.5		3.42
DIN69871.A50 × 14-63	164.75	44	69.85	22.5		3.44
DIN69871.A50 × 16-63	164.75	48	69.85	24		3.46
DIN69871.A50 × 18-63	164.75	50	69.85	24		3.48
DIN69871.A50 × 20-63	164.75	52	69.85	25		4.24
DIN69871.A50 × 25-80	181.75	65	69.85	24	25	4.40
DIN69871.A50 × 32-100	201.75	72	69.85	24	28	4.52
DIN69871.A50 × 40-120	221.75	90	69.85	30	32	4.72

1. 订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请标明AD/B型，如DIN69871.40AD/BX12-50。
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，订购时请注明精度。
1. When order please indicate the hilt the concrete form. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
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.



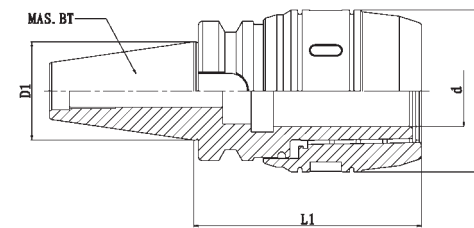
ZY-10048 CAT 锥数控立铣刀杆 END MILL ADAPTERS



型号 Model No. CTXD-L1	L	D	D1	L2	L3
CAT40X3/16"-2~1/2"	131.8	19.05	44.45	14.3	
CAT40X1/4"-2~1/2"	131.8	20.64		19.8	
CAT40X5/16"-2~1/2"	131.8	22.22		19.8	
CAT40X3/8"-2~1/2"	131.8	32		19.8	
CAT40X7/16"-2~1/2"	131.8	31.75		22.2	
CAT40X1/2"-2~5/8"	134.9	44.45		22.2	
CAT40X5/8"-3~3/4"	163.5	44.45		23.8	
CAT40X3/4"-3~3/4"	163.5	44.45		25.4	
CAT40X7/8"-4"	169.9	52		27	22.2
CAT40X1"-4"	169.9	63		28.6	25.4
CAT40X1~1/4"-4~1/8"	173	69.85	69.85	28.6	25.4
CAT50X3/8"-4~1/2"	215.9	31.75		19.8	
CAT50X3/8"-6~1/2"	266.7	31.75		19.8	
CAT50X1/2"-2~5/8"	168.3	44.45		22.2	
CAT50X1/2"-4~5/8"	219.2	44.45		22.2	
CAT50X5/8"-3~3/4"	196.85	44.45		23.8	
CAT50X5/8"-5~3/4"	247.7	44.45		23.8	
CAT50X3/4"-3~3/4"	196.85	44.45		25.4	
CAT50X3/4"-5~3/4"	247.7	44.45		25.4	
CAT50X7/8"-3~3/4"	196.85	52		27	22.2
CAT50X7/8"-5~3/4"	247.7	52		27	22.2
CAT50X1"-4"	203.2	63		28.6	25.4
CAT50X1"-6"	254	63		28.6	25.4
CAT50X1~1/4"-4"	203.2	69.85		28.6	25.4
CAT50X1~1/4"-6"	254	69.85		28.6	25.4
CAT50X1~1/2"-4"	203.2	69.85		28.6	25.4
CAT50X1~1/2"-6"	254	69.85		28.6	25.4
CAT50X2"-5~5/8"	244.5	69.85		30.2	36.5
CAT50X2"-7~5/8"	295.3	69.85		30.2	36.5

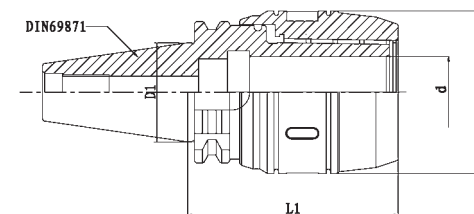
根据需要可提供动平衡刀柄，标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm，订购时请注明精度。
According to needs to be possible to provide the balanced hilt, the standard precision is G6.3/12000rpm, the precise precision is G2.5/20000rpm.

ZY-10050 BT 数控强力刀柄 MILLING CHUCK ARBORS



型号 Model No. BT × MC-L1	d	D	D1
BT40 × MC16-86	16	50	44.45
BT40 × MC20-90	20	56	
BT40 × MC20-100	20	56	
BT40 × MC20-135	20	56	
BT40 × MC25-100	25	63	
BT40 × MC25-105	25	63	
BT40 × MC32-100	32	70	
BT40 × MC32-105	32	70	
BT40 × MC32-135	32	70	
BT40 × MC42-115	42	90	
BT50 × MC20-100	20	56	69.85
BT50 × MC32-110	32	70	
BT50 × MC32-150	32	70	
BT50 × MC42-120	42	90	
BT50 × MC42-150	42	90	
BT50 × MC42-165	42	90	
BT50 × MC42-165	42	90	

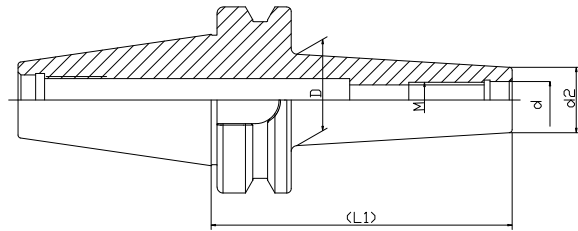
ZY-10052 DIN69871 数控强力刀柄 MILLING CHUCK ARBORS



型号 Model No. DIN69871 × MC-L1	d	D	D1
DIN69871.40 × MC16-90	16	50	44.45
DIN69871.40 × MC20-100	20	56	
DIN69871.40 × MC20-120	20	56	
DIN69871.40 × MC25-105	25	63	
DIN69871.40 × MC32-100	32	70	
DIN69871.40 × MC32-105	32	70	
DIN69871.40 × MC32-135	32	70	
DIN69871.40 × MC42-135	42	90	
DIN69871.50 × MC20-110	20	56	69.85
DIN69871.50 × MC20-150	20	56	
DIN69871.50 × MC32-150	32	70	
DIN69871.50 × MC32-165	32	70	
DIN69871.50 × MC42-120	42	90	
DIN69871.50 × MC42-150	42	90	
DIN69871.50 × MC42-165	42	90	

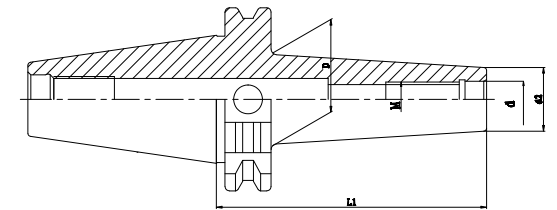


ZY-100521 螺纹锁固式刀柄 THREAD LOCKING TYPE CHUCK



型号 Model No.	M	d1	d2	D	L1
BT30-MCA06-50	6	6.5	10	20	50
BT30-MCA06-75	6	6.5	10	23	75
BT30-MCA08-50	8	8.5	13	23	50
BT30-MCA08-75	8	8.5	13	23	75
BT30-MCA08-100	8	8.5	13	25	100
BT30-MCA10-50	10	10.5	18	23	50
BT30-MCA10-75	10	10.5	18	28	75
BT30-MCA10-100	10	10.5	18	32	100
BT30-MCA12-50	12	12.5	21	30	50
BT30-MCA12-75	12	12.5	21	31	75
BT30-MCA12-100	12	12.5	21	36	100
BT30-MCA16-50	16	17	29	34	50
BT30-MCA16-75	16	17	29	34	75
BT30-MCA16-100	16	17	29	40	100
BT40-MCA06-50	6	6.5	10	20	50
BT40-MCA06-75	6	6.5	10	23	75
BT40-MCA08-50	8	8.5	13	23	50
BT40-MCA08-75	8	8.5	13	23	75
BT40-MCA08-100	8	8.5	13	25	100
BT40-MCA10-50	10	10.5	18	23	50
BT40-MCA10-75	10	10.5	18	28	75
BT40-MCA10-100	10	10.5	18	32	100
BT40-MCA12-50	12	12.5	21	30	50
BT40-MCA12-75	12	12.5	21	31	75
BT40-MCA12-100	12	12.5	21	36	100
BT40-MCA16-50	16	17	29	34	50
BT40-MCA16-75	16	17	29	34	75
BT40-MCA16-100	16	17	29	40	100
BT50-MCA06-50	6	6.5	10	20	50
BT50-MCA06-75	6	6.5	10	23	75
BT50-MCA08-50	8	8.5	13	23	50
BT50-MCA08-75	8	8.5	13	23	75
BT50-MCA08-100	8	8.5	13	25	100
BT50-MCA10-50	10	10.5	18	23	50
BT50-MCA10-75	10	10.5	18	28	75
BT50-MCA10-100	10	10.5	18	32	100
BT50-MCA12-50	12	12.5	21	30	50
BT50-MCA12-75	12	12.5	21	31	75
BT50-MCA12-100	12	12.5	21	36	100
BT50-MCA16-50	16	17	29	34	50
BT50-MCA16-75	16	17	29	34	75
BT50-MCA16-100	16	17	29	40	100

ZY-100521 螺纹锁固式刀柄 THREAD LOCKING TYPE CHUCK



型号 Model No.	M	d1	d2	D	L1
DIN69871.30-MCA06-50	6	6.5	10	20	50
DIN69871.30-MCA06-75	6	6.5	10	23	75
DIN69871.30-MCA08-50	8	8.5	13	23	50
DIN69871.30-MCA08-75	8	8.5	13	23	75
DIN69871.30-MCA08-100	8	8.5	13	25	100
DIN69871.30-MCA10-50	10	10.5	18	23	50
DIN69871.30-MCA10-75	10	10.5	18	28	75
DIN69871.30-MCA10-100	10	10.5	18	32	100
DIN69871.30-MCA12-50	12	12.5	21	30	50
DIN69871.30-MCA12-75	12	12.5	21	31	75
DIN69871.30-MCA12-100	12	12.5	21	36	100
DIN69871.30-MCA16-50	16	17	29	34	50
DIN69871.30-MCA16-75	16	17	29	34	75
DIN69871.30-MCA16-100	16	17	29	40	100
DIN69871.40-MCA06-50	6	6.5	10	20	50
DIN69871.40-MCA06-75	6	6.5	10	23	75
DIN69871.40-MCA08-50	8	8.5	13	23	50
DIN69871.40-MCA08-75	8	8.5	13	23	75
DIN69871.40-MCA08-100	8	8.5	13	25	100
DIN69871.40-MCA10-50	10	10.5	18	23	50
DIN69871.40-MCA10-75	10	10.5	18	28	75
DIN69871.40-MCA10-100	10	10.5	18	32	100
DIN69871.40-MCA12-50	12	12.5	21	30	50
DIN69871.40-MCA12-75	12	12.5	21	31	75
DIN69871.40-MCA12-100	12	12.5	21	36	100
DIN69871.40-MCA16-50	16	17	29	34	50
DIN69871.40-MCA16-75	16	17	29	34	75
DIN69871.40-MCA16-100	16	17	29	40	100
DIN69871.50-MCA06-50	6	6.5	10	20	50
DIN69871.50-MCA06-75	6	6.5	10	23	75
DIN69871.50-MCA08-50	8	8.5	13	23	50
DIN69871.50-MCA08-75	8	8.5	13	23	75
DIN69871.50-MCA08-100	8	8.5	13	25	100
DIN69871.50-MCA10-50	10	10.5	18	23	50
DIN69871.50-MCA10-75	10	10.5	18	28	75
DIN69871.50-MCA10-100	10	10.5	18	32	100
DIN69871.50-MCA12-50	12	12.5	21	30	50
DIN69871.50-MCA12-75	12	12.5	21	31	75
DIN69871.50-MCA12-100	12	12.5	21	36	100
DIN69871.50-MCA16-50	16	17	29	34	50
DIN69871.50-MCA16-75	16	17	29	34	75
DIN69871.50-MCA16-100	16	17	29	40	100



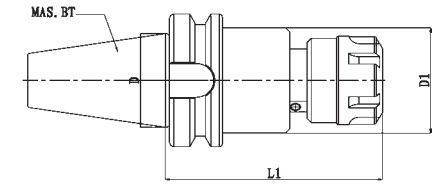
ZY-10052101 BT/SK(DIN69871A) GSK高转速精密筒夹系列
BT/SK(DIN69871A) GSK HIGH SPEED COLLET CHUCK

型号 Model No.	D	L	L1	L2	D1	D2	MAX (min ⁻¹)	COLLET	KGS
BT/SK30-GSK6-60	2 ~ 6	60	33	33	19.5	19.2	40000	CSK6	0.7
BT/SK30-GSK6-90		90	56	65		32			0.7
BT/SK30-GSK6-120		120	62	95					0.8
BT/SK30-GSK10-45	2 ~ 10	45	22	22	27.5	27.5	40000	CSK10	0.8
BT/SK30-GSK10-60		60	35	35					0.9
BT/SK30-GSK10-75		75	50	50					1.0
BT/SK30-GSK10-90	3 ~ 16	90	65	65	40	40	40000	CSK10	1.0
BT/SK30-GSK10-120		120	95	95					1.1
BT/SK30-GSK16-60		60	37	37					1.1
BT/SK30-GSK16-75	4 ~ 20	75	52	52	48	48	40000	CSK16	1.2
BT/SK30-GSK16-90		90	67	67					1.2
BT/SK30-GSK16-120		120	97	97					1.3
BT/SK30-GSK20-60	6 ~ 25	60	37	37	55	55	30000	CSK20	0.7
BT/SK30-GSK20-75		75	52	52					0.9
BT/SK30-GSK20-90		90	67	67					1.2
BT/SK30-GSK25-90	2 ~ 6	90	67	67	19.5	19.5	30000	CSK25	1.5
BT/SK40-GSK6-60		60	30	30		19.5			1.0
BT/SK40-GSK6-90		90	51	60		32			1.1
BT/SK40-GSK6-120	3 ~ 16	120	60	90	40	40	25000	CSK6	1.4
BT/SK40-GSK6-150		150	60	120		25			1.5
BT/SK40-GSK10-60		60	32	32		27.5			1.1
BT/SK40-GSK10-75	2 ~ 10	75	45	45	27.5	40	25000	CSK10	1.2
BT/SK40-GSK10-90		90	48	60		34.5			1.2
BT/SK40-GSK10-120		120	73	90		39			1.4
BT/SK40-GSK10-150	4 ~ 20	150	73	118	48	48	20000	CSK20	1.6
BT/SK40-GSK10-180		180	73	148					1.6
BT/SK40-GSK16-60		60	32	32					1.3
BT/SK40-GSK16-75	6 ~ 25	75	43	43	55	55	20000	CSK16	1.4
BT/SK40-GSK16-90		90	58	58					1.5
BT/SK40-GSK16-120		120	88	88					1.7
BT/SK40-GSK16-150	2 ~ 6	150	118	118	48	48	20000	CSK16	1.9
BT/SK40-GSK16-180		180	148	148					2.0
BT/SK40-GSK20-60		60	32	32					1.3
BT/SK40-GSK20-75	4 ~ 20	75	45	45	48	48	20000	CSK20	1.4
BT/SK40-GSK20-90		90	60	60					1.6
BT/SK40-GSK20-120		120	90	90					2.0
BT/SK40-GSK25-75	6 ~ 25	75	47	47	55	55	20000	CSK25	1.7
BT/SK40-GSK25-90		90	61	61					1.8
BT/SK40-GSK25-120		120	91	91					2.0
BT/SK50-GSK6-105	2 ~ 6	105	55	64	19.5	32	20000	CSK6	3.8
BT/SK50-GSK6-135		135	60	92		30			3.9
BT/SK50-GSK6-165		165	60	114		27.5			4.0
BT/SK50-GSK6-200	3 ~ 16	200	60	151	40	40	20000	CSK6	4.2
BT/SK50-GSK10-105		105	57	57		32			4.2
BT/SK50-GSK10-135		135	70	92		36			4.4
BT/SK50-GSK10-165	4 ~ 20	165	75	114	48	48	15000	CSK10	4.6
BT/SK50-GSK10-200		200	75	151					4.8
BT/SK50-GSK10-225		225	75	178					5.0
BT/SK50-GSK16-105	6 ~ 25	105	62	62	55	55	15000	CSK16	4.7
BT/SK50-GSK16-135		135	92	92					4.9
BT/SK50-GSK16-165		165	90	122					5.1
BT/SK50-GSK16-200	4 ~ 20	200	90	157	48	48	15000	CSK16	5.5
BT/SK50-GSK20-105		105	62	62					4.3
BT/SK50-GSK20-135		135	92	92					4.6
BT/SK50-GSK20-165	6 ~ 25	165	122	122	55	55	15000	CSK20	5.0
BT/SK50-GSK20-200		200	157	157					5.4
BT/SK50-GSK25-105		105	62	62					5.2
BT/SK50-GSK25-135	4 ~ 20	135	92	92	55	55	15000	CSK25	5.4
BT/SK50-GSK25-165		165	122	122					5.6
BT/SK50-GSK25-200		200	157	157					6.0

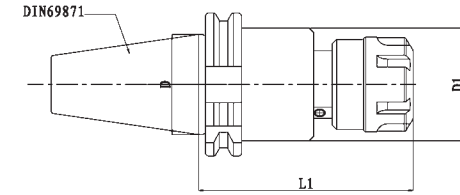


- ◎锥度精度: <AT3
- ◎基本材质: 20CrMnTi
- ◎硬度: HRC56-60
- ◎渗碳深度: >0.8mm
- ◎刀柄精密动平衡 G2.5
- ◎ Precision taper: <AT3
- ◎ Material: 20CrMnTi
- ◎ Hardness: HRC56-60
- ◎ Carbon Depth: >0.8mm
- ◎ Shank dynamic balance standard: G2.5

ZY-100522 弹性伸缩攻牙刀柄 ELASTIC EXPANSION TAPPING THE HANDLE

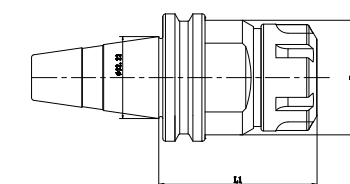


型号 Model No.	D	L1	D1
BT40-TER20-100	44.45	100	36
BT40-TER25-110		110	42
BT40-TER32-110		110	46
BT40-TER40-120	69.85	120	56
BT50-TER20-120		120	36
BT50-TER25-120		120	42
BT50-TER32-120		120	46
BT50-TER40-130		130	56



型号 Model No.	D	L1	D1
DIN69871. 40-TER20-100	44.45	100	36
DIN69871. 40-TER25-110		110	42
DIN69871. 40-TER32-110		110	46
DIN69871. 40-TER40-120		120	56

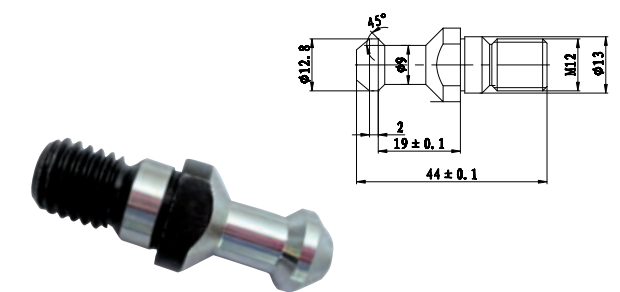
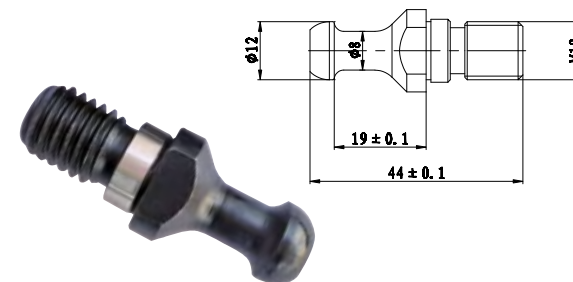
ZY-100523 ISO30 数控雕刻机刀柄 The handle CNC engraving machine



型号	ISO30XER32-L1	L1	D
ISO30XER32-45		45	
ISO30XER32-60		60	45
ISO30XER32-100		100	45
ISO30XOZ25-70		70	45

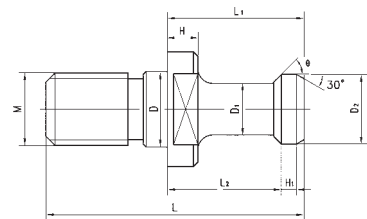
ZY-100524 ISO30 RETENTION KNOB

ZY-100526 哥伦布 COLUMBUS



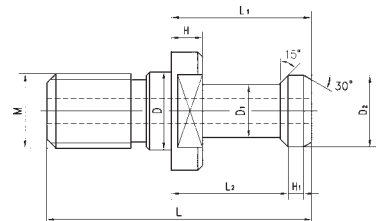


ZY-10054 MAS403-1982 拉钉 RETENTION KNOB



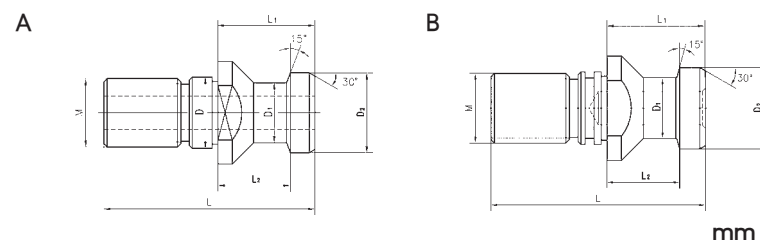
型号 Model No.	D	D1	D2	M	L	L1	L2	H	H1	θ
LDB-P30T(θ)	12.5	7	11	M12	43	23	18	5	2.5	45° 60° 90°
LDB-P40T(θ)	17	10	15	M16	60	35	28	6	3	45° 60° 90°
LDB-P45T(θ)	21	14	19	M20	70	40	31	8	4	45° 60° 90°
LDB-P50T(θ)	25	17	23	M24	85	45	35	10	5	45° 60° 90°

ZY-10056 JIS B6339-1986 拉钉 RETENTION KNOB



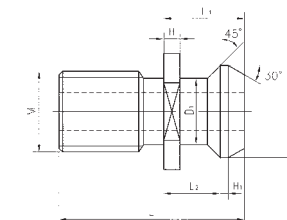
型号 Model No.	D	D1	D2	M	L	L1	L2	H	H1
LDJ-30P	12.5	8	12	M12	43	23.4	18.4	5	3
LDJ-35P	12.5	11	15	M12	44	24	19	5	3
LDJ-40P	17	14	19	M16	54	29	23	7	3
LDJ-45P	21	17	23	M20	60	30	23	7	4
LDJ-50P	25	21	28	M24	74	34	25	7	5
LDJ-55P	31	27	36	M30	98	48	36	11	7

ZY-10058 DIN69872-1988 拉钉 RETENTION KNOB



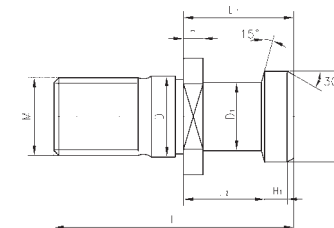
型号 Model No.	D	D1	D2	M	L	L1	L2
LDD-30A(B)	13	9	13	M12	44	24	19
LDD-40A(B)	17	14	19	M16	54	26	20
LDD-45A(B)	21	17	23	M20	65	30	23
LDD-50A(B)	25	21	28	M24	74	34	25

ZY-10060 ANSI/ASME B5.50-1985 拉钉 RETENTION KNOB



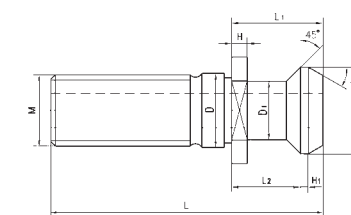
型号 Model No.	D1	D2	M	L	L1	L2	H	H1
LDA-30	9.78	13.21	1/2"-13	27.94	11.68	8.13	2.54	1.01
LDA-40	12.45	18.80	5/8"-11	38.10	16.26	11.18	3.05	1.52
LDA-45	15.37	23.88	3/4"-10	45.72	20.83	14.73	4.06	2.03
LDA-50	20.83	28.96	1"-8	58.42	25.4	17.78	5.08	2.54

ZY-10062 ISO/DIS7388/2-1984A 拉钉 RETENTION KNOB



型号 Model No.	D	D1	D2	M	L	L1	L2	H	H1
LDI-30A	13	8	12	M12	44	24	19	4	3
LDI-40A	17	14	19	M16	54	26	20	4	4
LDI-45A	21	17	23	M20	65	30	23	5	5
LDI-50A	25	21	28	M24	74	34	25	6	7

ZY-10064 ISO/DIS7388/2-1984B 拉钉 RETENTION KNOB



型号 Model No.	D	D1	D2	M	L	L1	L2	H	H1
LDI-30B	13	9.3	13.3	M12	27	11.8	8.1	2.7	1.2
LDI-40B	17	12.95	18.95	M16	44.5	16.4	11.15	3.25	1.75
LDI-45B	21	16.3	24.05	M20	56	20.95	14.85	4.25	2.25
LDI-50B	25	19.6	29.1	M24	65.5	25.55	17.95	5.25	2.75



夹头系列

COLLET SERIES

ZY-20002 DIN6499B 标准ER系列夹头

ER SERIES COLLETS WITH STANDARD DIN6499B

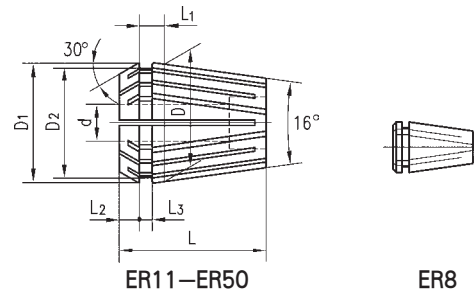
1. 选用优质弹簧钢

2. 夹紧力大, 夹持范围广, 精度高

3. 广泛用于镗、铣、钻、攻丝、磨、雕刻等加工
1. Made of special elastic steel material

2. Power clamping ability, precise accuracy

3. Used for boring, milling, drilling, tapping, grinding and engraving operation etc.

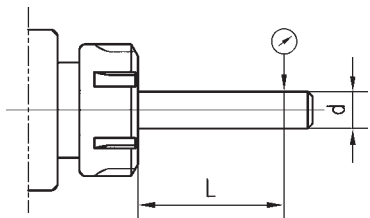


ER11-ER50

ER8

型号 Model No.	d H7	D	D1	D2	L	L1	L2	L3	弹性收缩量 Collapsible capacity
ER8	≥1.0~5.0	8	8.45	6.5	13.5	2.98	1.5	1.2	0.5
ER11	≥1.0~7.0	11	11.5	9.5	18.0	3.8	2.5	2.0	0.5
ER16	≥1.0~2.5	16	17	13.8	27.5	6.26	4.0	2.7	0.5
	>2.5~10.0	16	17	13.8	27.5	6.26	4.0	2.7	1.0
ER20	≥1.0~2.5	20	21	17.4	31.5	6.36	4.8	2.8	0.5
	>2.5~13.0	20	21	17.4	31.5	6.36	4.8	2.8	1.0
ER25	≥1.0~2.5	25	26	22.0	34.0	6.66	5.0	3.1	0.5
	>2.5~16.0	25	26	22.0	34.0	6.66	5.0	3.1	1.0
ER32	≥2.0~2.5	32	33	29.2	40.0	7.16	5.5	3.6	0.5
	>2.5~20.0	32	33	29.2	40.0	7.16	5.5	3.6	1.0
ER40	≥3.0~26.0	40	41	36.2	46.0	7.66	7.0	4.1	1.0
ER50	≥6.0~10.0	50	52	46.0	60.0	12.6	8.5	5.5	1.0
	>10.0~34.0	50	52	46.0	60.0	12.6	8.5	5.5	2.0

精度检测 Inspection of Accuracy



D	L	径向跳动 Run out tolerance	
		I	II
1.0~1.6	6	0.008	0.015
>1.6~3.0	10		
>3.0~6.0	16		
>6.0~10.0	25		
>10.0~18.0	40	0.008	0.015
>18.0~26.0	50		
>26.0~30.0	60		
>30.0~34.0	80	0.008	0.015

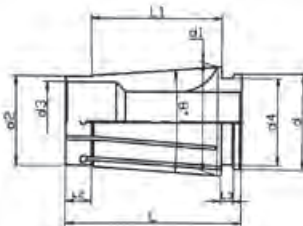
说明:无特殊要求,一般按II级供货,如需I级,则需特殊订货,价格另议

If no special requirement, we would supply to you according to II grade; if you require I grade, the price would be advanced

夹头系列



ZY-2000210 CSK高转速筒夹 CSK HIGH SPEED DOLLET



型号 Model No.	d	d1	d2	d3	d4	L	L1	L2	L3
CSK06	8.9(8.6)	10.5	7.5	6	7.8	25	17.5	3.5	2.5
CSK10	13.7(13.1)	15.6	12	10	12	30.5	22	5	2.3
CSK13	18.5	20.1	17	13	15	39	28	5	2.5
CSK16	21.3(20.6)	24.6	18.8	16	19	45	32	8	2.8
CSK20	26.5	30	24	20	23	50	42	8	2.8
CSK25	31.1(29.9)	35.6	28.8	25.4	28.2	57	43	8.5	2.9

◎选用优质弹簧钢:65Mn

◎硬度: HRC44-48

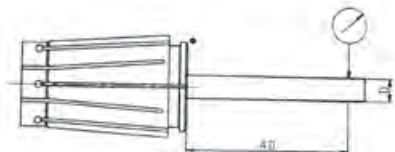
◎ Made of special elastic steel:
65Mn

◎ Hardness: HRC44-48

CSK06		CSK10		CSK13		CSK16		CSK20		CSK25	
型号 Model No.	范围 RANGE	型号 Model No.	范围 RANGE	型号 Model No.	范围 RANGE	型号 Model No.	范围 RANGE	型号 Model No.	范围 RANGE	型号 Model No.	范围 RANGE
CSK06-2	2-1.75	CSK10-2	2-1.75	CSK13-3	3-2.75	CSK16-3	3-2.75	CSK20-4	4-3.5	CSK25-6	6-6.65
CSK06-2.5	2.5-2.25	CSK10-2.5	2.5-2.25	CSK13-3.5	3.5-3	CSK16-3.175	3.175-2.7	CSK20-4.5	4.5-4	CSK25-8	8-6.75
CSK06-3	3-2.75	CSK10-3	3-2.75	CSK13-4	4-3.5	CSK16-3.5	3.5-3	CSK20-5	5-5.5	CSK25-10	10-9.5
CSK06-3.5	3.5-3	CSK10-3.175	3.175-2.7	CSK13-4.5	4.5-4	CSK16-4	4-3.5	CSK20-5.5	5.5-5	CSK25-12	12-11.5
CSK06-4	4-3.5	CSK10-3.5	3.5-3	CSK13-5	5-4.5	CSK16-4.5	4.5-4	CSK20-6	6-5.5	CSK25-14	14-13.5
CSK06-4.5	4.5-4	CSK10-4	4-3.5	CSK13-5.5	5.5-5	CSK16-5	5-4.5	CSK20-6.5	6.5-6	CSK25-16	16-15.5
CSK06-5	5-4.5	CSK10-4.5	4.5-4	CSK13-6	6-5.5	CSK16-5.5	5.5-5	CSK20-7	7-6.5	CSK25-16.5	16.5-16
CSK06-5.5	5.5-6	CSK10-5	5-4.5	CSK13-6.5	6.5-6	CSK16-6	6-5.5	CSK20-7.5	7.5-7	CSK25-17	17-16.5
CSK06-6	6-5.5	CSK10-5.5	5.5-5	CSK13-7	7-6.5	CSK16-6.5	6.5-6	CSK20-8	8-7.5	CSK25-17.5	17.5-17
		CSK10-6	6-5.5	CSK13-7.5	7.5-7	CSK16-7	7-6.5	CSK20-8.5	8.5-8	CSK25-18	18-17.5
		CSK10-6.5	6.5-6	CSK13-8	8-7.5	CSK16-7.5	7.5-7	CSK20-9	9-8.5	CSK25-18.5	18.5-18
		CSK10-7	7-6.5	CSK13-8.5	8.5-8	CSK16-8	8-7.5	CSK20-9.5	9.5-9	CSK25-19	19-18.5
		CSK10-7.5	7.5-7	CSK13-9	9-8.5	CSK16-8.5	8.5-8	CSK20-10	10-9.5	CSK25-19.5	19.5-19
		CSK10-8	8-7.5	CSK13-9.5	9.5-9	CSK16-9	9-8.5	CSK20-10.5	10.5-10	CSK25-20	20-19.5
		CSK10-8.5	8.5-8	CSK13-10	10-9.5	CSK16-9.5	9.5-9	CSK20-11	11-10.5	CSK25-20.5	20.5-20
		CSK10-9	9-8.5	CSK13-10.5	10.5-10	CSK16-10	10-9.5	CSK20-11.5	11.5-11	CSK25-21	21-20.5
		CSK10-9.5	9.5-9	CSK13-11	11-10.5	CSK16-10.5	10.5-10	CSK20-12	12-11.5	CSK25-21.5	21.5-21
		CSK10-10	10-9.5	CSK13-11.5	11.5-11	CSK16-11	11-10.5	CSK20-12.5	12.5-12	CSK25-22	22-21.5
				CSK13-12	12-11.5	CSK16-11.5	11.5-11	CSK20-13	13-12.5	CSK25-22.5	22.5-22
				CSK13-12.5	12.5-12	CSK16-12	12-11.5	CSK20-13.5	13.5-13	CSK25-23	23-22.5
				CSK13-13	13-12.5	CSK16-12.5	12.5-12	CSK20-14	14-13.5	CSK25-23.5	23.5-23
						CSK16-13	13-12.5	CSK20-14.5	14.5-14	CSK25-24	24-23.5
						CSK16-13.5	13.5-13	CSK20-15	15-14.5	CSK25-24.5	24.5-24
						CSK16-14	14-13.5	CSK20-15.5	15.5-15	CSK25-25	25-24.5
						CSK16-14.5	14.5-14	CSK20-16	16-15.5		
						CSK16-15	15-14.5	CSK20-16.5	16.5-16		
						CSK16-15.5	15.5-15	CSK20-17	17-16.5		
						CSK16-16	16-15.5	CSK20-17.5	17.5-17		
								CSK20-18	18-17.5		
								CSK20-18.5	18.5-18		
								CSK20-19	19-18.5		
								CSK20-19.5	19.5-19		
								CSK20-20	20-19.5		

精度检测: Inspection of Accuracy

L	径向跳动 (Run out)	
	A 级 (A class)	AA 级 (AA class)
4×D	≤ 0.008	≤ 0.005





夹头系列

COLLET SERIES

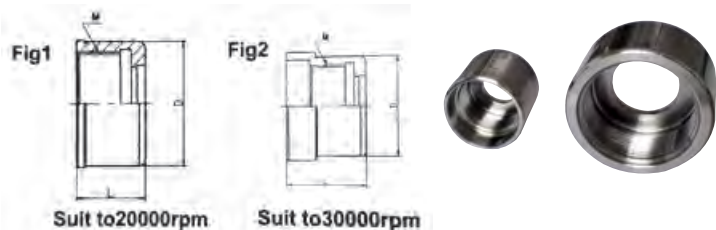
夹头系列

COLLET SERIES



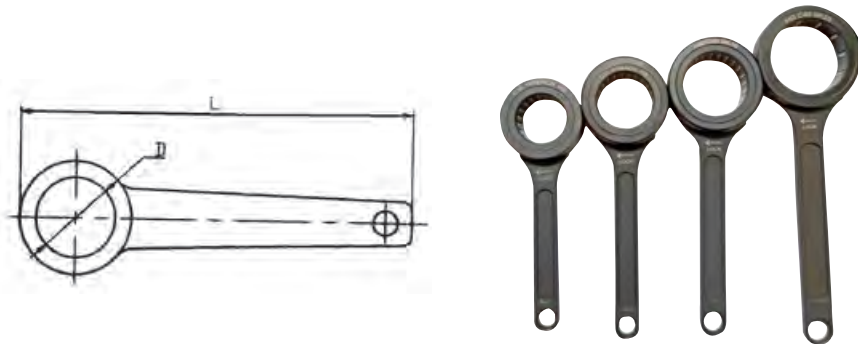
ZY-2000212 GSK高速无键槽螺帽 GSK HIGH SPEED NUT WITHOUT KEYWAY

型号 Model No.	L		D	M
	Fig1	Fig2		
GSK6	15	21	19.5	M15.5X1
GSK10	17	24	27.5	M21.5X1
GSK16	24	31	40	M32.5X1.5
GSK20	27	35	48	M40X1.5
GSK25	30	37	50	M45X1.5



ZY-2000214 GSK滚珠板手 GSK BALL SPANNER

型号 Model No.	D	M
GSK06	19.5	120
GSK10	27.5	130
GSK16	40	193
GSK20	48	200
GSK25	50	210



ZY-2000216 GSK高速筒夹套装 GSK HIGH SPEED COLLET SET

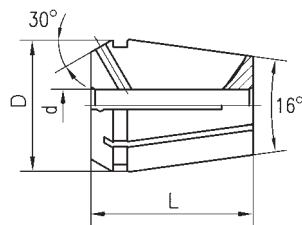
型号 Model No.	规格 Tpye
GSK10-8PCS	3, 4, 5, 6, 7, 8, 9, 10
GSK10-17PCS	2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10
GSK16-7PCS	3, 4, 6, 8, 10, 12, 16
GSK16-27PCS	3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13, 13.5, 14, 14.5, 15, 15.5, 16
GSK16-14PCS	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16
GSK25-7PCS	6, 8, 10, 12, 16, 20, 25
GSK25-11PCS	6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 25



◎请于订购时注册 AA 级或 A 级：例如：CSK16-6AA
◎筒夹直径小于 3mm，夹持范围为 0.25mm，直径大于 3mm 则为 0.5mm
◎ When ordering, please specify the GRADE for sk collets is A or AA TYPE. For example:CSK16-6AA
◎ The gripping range of dia below 3mm is 0.25mm. The gripping range of dia over 3mm is 0.5mm

ZY-20004 ERC 型夹头 ERC COLLET

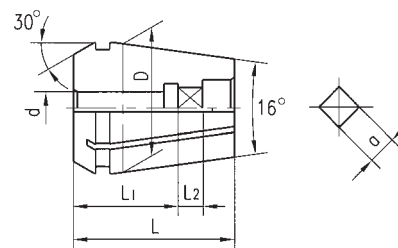
- 1.材料：65Mn
 - 2.硬度：HRC44~48
 - 3.精度：DIN6499标准
- 1.Material: 65Mn
 - 2.Hardness: HRC44~48
 - 3.Accuracy of DIN6499 standard



型号 Model No.	孔 径 d	D	L
ER16C-d	2-10	16.6	27.5
ER20C-d	2-13	21.6	31.5
ER25C-d	2-16	25.6	34
ER32C-d	3-20	32.6	40
ER40C-d	3-26	40.6	46

ZY-20006 ERG 型攻丝夹头 TAPPING COLLET

- 1.材料：65Mn
 - 2.硬度：HRC44~48
- 1.Material: 65Mn
 - 2.Hardness: HRC44~48



型号 Model 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

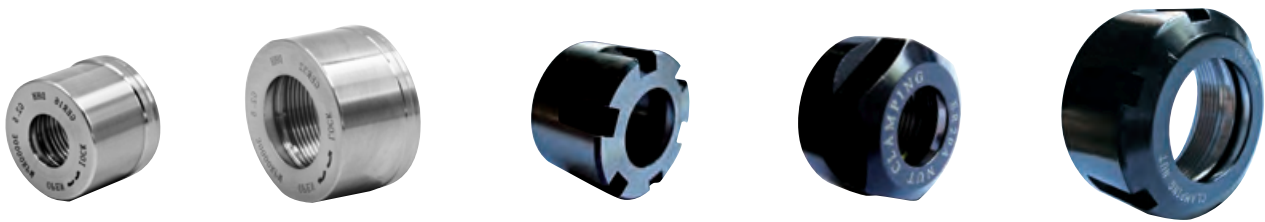
dxa	3.5X2.7	4.0X3.0	4.5X3.4	5.5X4.3	6.0X4.9	7.0X5.5
	8.0X6.2	9.0X7.0	10X8.0	11X9.0	12X9.0	14X11
	16X12	18X14.5	20X16	22X18	25X20	



夹头系列

COLLET SERIES

ZY-20008 ER 压帽 ER NUT



A型

B型

M型

T1型

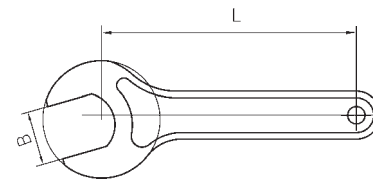
T2型

型号 Model No.	型式Type	D(mm)	L(mm)	M	重量Wt(kg)
ER16	A	27	19	M22X1.5	0.005
ER20	A	35	21	M25X1.5	0.01
ER25	A	40	22	M32X1.5	0.14
ER32	A	48	24	M40X1.5	0.20
ER8-M	M	12	12	M10×0.75	0.005
ER11-M	M	16	12	M13×0.75	0.01
ER16-M	M	22	18	M19×1	0.05
ER20-M	M	28	19	M24×1	0.05
ER25-M	M	35	20	M30×1	0.08
ER11-T1	T1	19	11.3	M14×0.75	0.005
ER16-T1	T1	28	17.5	M22×1.5	0.01
ER20-T1	T1	34	19	M25×1.5	0.05
ER25-T2	T2	42	20	M32×1.5	0.14
ER32-T2	T2	50	22.5	M40×1.5	0.20
ER40-T2	T2	63	25.5	M50×1.5	0.30
ER50-T2	T2	78	35.5	M64×2	0.50

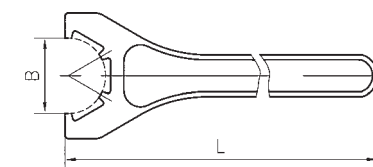
夹头系列



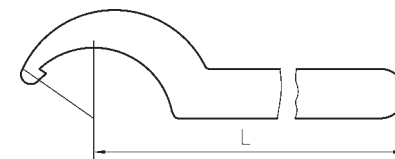
ZY-20010 ER 扳手 ER SPANNER



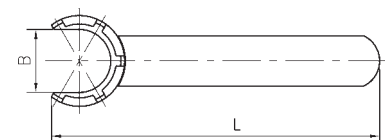
型号 Model No.	B	L	适用压帽 Clamping Nut
SPANNER-ER11	17	110	ER11-A ER11-T1
SPANNER-ER16	25	120	ER16-A ER16-T1
SPANNER-ER20	30	130	ER20-A ER20-T1



型号 Model No.	B	L	适用压帽 Clamping Nut
SPANNER-ER25-S	37	210	ER25-B ER25-T2
SPANNER-ER32-S	45	250	ER32-B ER32-T2
SPANNER-ER40-S	58	290	ER40-B ER40-T2
SPANNER-ER50-S	72	350	ER50-B ER50-T2



型号 Model No.	L	规格 Size	适用压帽 Clamping Nut
SPANNER-ER25	168	38-42	ER25-B ER25-T2
SPANNER-ER32	190	45-52	ER32-B ER32-T2
SPANNER-ER40	210	55-63	ER40-B ER40-T2
SPANNER-ER50	240	78-85	ER50-B ER50-T2



型号 Model No.	B	L	适用压帽 Clamping Nut
SPANNER-ER8M	7.5	70	ER8-M
SPANNER-ER11M	11	90	ER11-M
SPANNER-ER16M	15	110	ER16-M
SPANNER-ER20M	19.5	120	ER20-M
SPANNER-ER25M	25	130	ER25-M



夹头系列

COLLET SERIES

夹头系列

COLLET SERIES



ZY-20012 ER 套装铣夹头 ER MILLING CHUCK SET



- 1.每套铣夹头包括1支夹头体，1支压帽，整套夹头及1支扳手
- 2.木盒或塑料盒包装
- 1.A set included: 1 collet chuck,1 clamping nut, full set of collets snd 1 spanner
- 2.Packed in a wooden case or plastic case

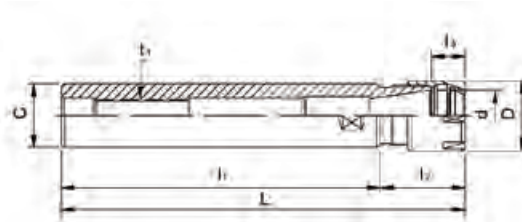
型 号 Model No.	孔径 Hole size		支数/套 Pcs/set	柄 Shank
	in	mm		
ER16-8in(mm)	3/32 1/8 3/16 7/32 1/4 5/16 11/32 3/8	2 3 4 5 6 7 8 10	8	R8 MT2~MT6
ER25-6in(mm)	1/8 3/16 5/16 3/8 1/2 5/8	4 6 8 10 12 16	6	NT30 NT40 NT50
ER25-10in(mm)	3/32 1/8 3/16 1/4 5/16 3/8 7/16 1/2 9/16 5/8	3 4 5 6 8 10 12 14 15 16	10	C8 C10 C12 C16
ER32-6in(mm)	1/4 5/16 3/8 1/2 5/8 3/4	6 8 10 12 16 20	6	C20 C25 C32 C40
ER32-12in(mm)	3/32 1/8 3/16 1/4 5/16 3/8 7/16 1/2 9/16 5/8 11/16 3/4	3 4 5 6 8 10 12 14 15 16 18 20	12	1/2" str.sh 5/8" str.sh
ER40-8in(mm)	1/8 1/4 3/8 1/2 5/8 3/4 7/8 1	3 5 8 12 15 18 22 26	8	3/4" str.sh 1" str.sh
ER40-15in(mm)	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	3 4 5 6 8 10 12 14 15 16 18 20 22 24 26	15	1-1/4" str.sh

夹头体的拉杆螺纹 Thread of draw bar

锥柄 Taper of collet chuck	拉杆螺纹 Thread of draw bar	
R8	7/16"-20UNF	
7:24 30	M12×1.75	1/2"-13UNC
7:24 40	M16×2.0	5/8"-11UNC
7:24 50	M24×3.0	1"-8UNC
MT2	M10×1.5	3/8"-16UNC
MT3	M12×1.75	1/2"-13UNC
MT4	M16×2.0	5/8"-11UNC
MT5	M20×2.5	3/4"-10UNC

- 1.订货时，请注明夹头体的型号、拉杆螺纹及夹头的规格(公制或英制)
- 2.订购直柄铣夹头时，请注明直柄的直径及长度
- 3.我们还可以根据您的要求，提供不同规格及件数的成套夹头、夹头体
- 1.Please notify the thread of collet chuck draw bar and the specification of collets (metric or inch)
- 2.Please notify the length of straight shank and dia
- 3.We are glad to supply collets and chucks with different shank and quantities according to your requirement

ZY-20014 C/ER 直柄延长杆 (M型小径螺帽) C/ER Straight shank collet chuck and extension type



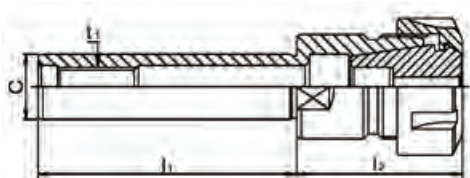
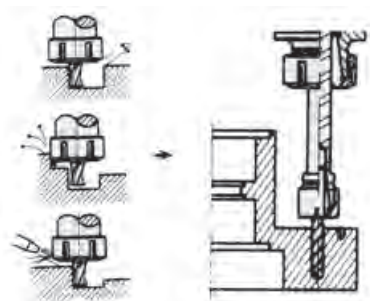
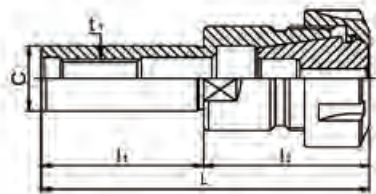
型号 Model No.	L	l ₂	l ₃	D	t ₁
C 8×ER8M—55	79	24	6	12	M4×0.7
C10×ER8M—100	117	17			
C10×ER8M—150	167				
C10×ER8M—180	197				
C12×ER8M—55	72				
C12×ER8M—120	137				
C12×ER8M—180	197	26.5			
C12×ER11M—80	96.6	16.6	6.6	16	M5×0.8
C16×ER11M—50	66.6				
C16×ER11M—100	116.6				
C16×ER11M—140	156.6				
C16×ER16M—80	117	25	10.6	22	M10×1.5
C20×ER16M—100	125				
C20×ER16M—140	165				
C20×ER16M—160	185				
C20×ER20M—60	100	40	11.5	28	M12×1.75
C20×ER20M—100	140				
C20×ER20M—120	160				
C20×ER20M—150	190				
C20×ER20M—180	220				
C25×ER20M—140	168	28			
C20×ER25M—100	150	50	12	35	



夹头系列

COLLET SERIES

ZY-20016 C/ER 直柄延长杆 C/ER Straight shank collet chuck and extension type

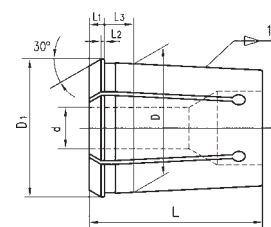


型号 Model No.	L	l ₂	t ₁	重量(kg) Weight
C16×ER11A-140	156.5	16.6	M6×1.0	0.23
C16×ER16A-50	90	40	M10×1.5	0.15
C16×ER16A-100	140			0.20
C16×ER16A-150	190			0.28
C20×ER16A-50	90			M12×1.75
C20×ER16A-100	140		0.35	
C20×ER16A-150	190		0.40	
C20×ER20A-60	100.5	40.5	0.35	
C20×ER20A-120	160.5		0.40	
C20×ER20A-180	220.5		0.50	
C20×ER20A-140	175.1		0.50	
C20×ER25-50	101	51	0.40	
C20×ER25-100	151		0.45	
C20×ER32-50	101.5	51.5	M10×1.5	
C20×ER32-100	151.5			0.55
C25×ER16A-150	185.1	35.1	M12×1.75	0.45
C25×ER20A-140	175.1	40.5		0.55
C25×ER25-50	101	51		0.40
C25×ER25-100	151			0.55
C25×ER32-50	101.5	51.5		0.60
C25×ER40-50	115	65		2.10
C32×ER32-60	111.5	51.5		1.15
C32×ER32-100	151.5			0.80
C32×ER40-50	115			2.23

夹头系列



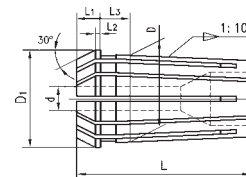
ZY-20018 DIN6388A 标准EOC系列铣夹头 DIN6388A EOC COLLETS



型号 Model No.	D	D1	d	L	L1	L2	L3
EOC/OZ6	10	11.5	1~6	21	3.5	0.5	4
EOC/OZ8	12.65	14.5	1~8	26	4	0.8	4.5
EOC/OZ10	15.15	17.2	1~10	30	4.5	0.8	4.5
EOC/OZ12	17.75	19.8	1~12	34	5	1.1	4.5
EOC/OZ16	22.65	25.5	2~16	40	5.5	1.2	5.5
EOC/OZ20	27.4	29.8	2~20	45	6	1.35	6
EOC/OZ25	32.9	35.05	2~25	52	6	1.4	6
EOC/OZ32	41.3	43.7	4~32	60	6	1.45	7
EOC/OZ40	49.7	52.2	6~40	68	6	1.45	8
EOC/OZ50	61.1	63.8	8~50	80	7	1.55	9

夹持工件或刀具柄公差: h11 Clamp workpiece or tooling shank tolerance h11

ZY-20020 DIN6388B 标准EOC系列铣夹头 DIN6388B EOC COLLETS



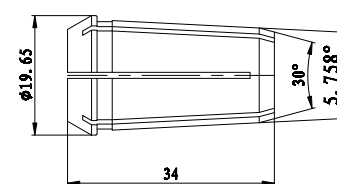
型号 Model No.	D1	D	d	L	L1	L2	L3
EOC16B	25.5	22.65	2~16	40	5.5	1.2	9.5
EOC20B	29.8	27.4	2~20	45	6	1.35	10
EOC25B	35.05	32.9	2~25	52	6	1.4	10
EOC32B	43.7	41.3	4~32	60	6	1.45	11
EOC40B	52.2	49.7	6~40	68	6	1.45	12
EOC50B	63.8	61.1	8~50	80	7	1.55	13

最大夹持范围: 0.5mm Max clamping range: 0.5mm

ZY-200202 868116系列夹头 868116 EOC COLLETS



型号 Model No.	孔径
868116	10 1/2 12

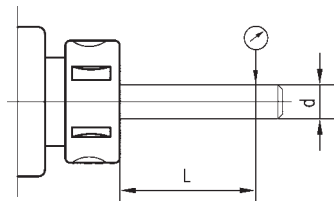




夹头系列

COLLET SERIES

精度检测 Inspection of Accuracy

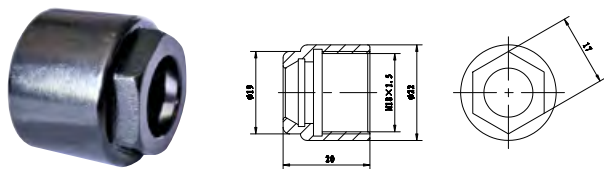


D	L	径向跳动 Run out tolerance	
		I	II
1.0~1.6	6	0.010	0.015
>1.6~3.0	10		
>3.0~7.0	16		
>7.0~10.0	25	0.015	0.020
>10.0~18.0	40		
>18.0~24.0	50		
>24.0~30.0	60	0.020	0.030
>30.0~50.0	80		

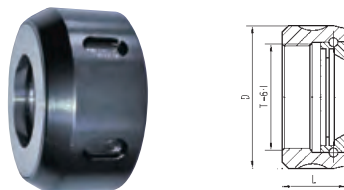
说明：无特殊要求，一般Ⅱ级供货，如需Ⅰ级，则需特殊订货，价格另议

If no special requirement, we would supply to you according to II grade, if you require I grade, the price would be advanced

ZY-20021 EOC/OZ8 压帽 EOC/OZ8 CLAMPING NUT

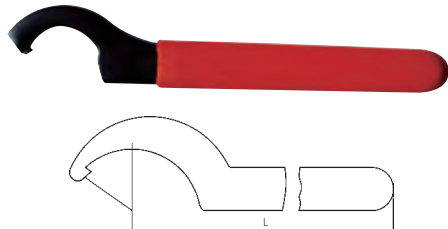


ZY-20022 EOC/OZ 压帽 EOC/OZ CLAMPING NUT



型号 Model No.	D mm	L mm	T
YMEOC/OZ6	18	14	M14×1
YMEOC/OZ8	26	19	M20×1.5
YMEOC/OZ10	30	19	M22×1.5
YMEOC/OZ12	35	20	M27×1.5
YMEOC/OZ16	43	24	M33×1.5
YMEOC/OZ20	50	28	M42×2
YMEOC/OZ25	60	30	M48×2
YMEOC/OZ32	72	33.5	M60×2.5
YMEOC/OZ40	85	37	M68×2.5
YMEOC/OZ50	100	43	M80×2.5

ZY-20024 EOC/OZ 扳手 EOC/OZ SPANNER



型号 Model No.	L mm	适用压帽外径 Dia of nuts (mm)
B/EOC/OZ6	90	18~21
B/EOC/OZ8	125	22~26
B/EOC/OZ10	140	28~32
B/EOC/OZ12	154	34~36
B/EOC/OZ16	168	38~42
B/EOC/OZ20	190	45~52
B/EOC/OZ25	210	55~62
B/EOC/OZ32	230	68~72
B/EOC/OZ40	240	78~85
B/EOC/OZ50	250	100~110

夹头系列

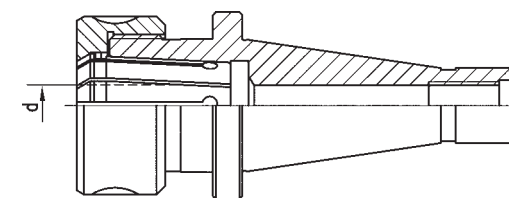


ZY-20026 EOC/OZ 系列套装铣夹头 EOC/OZ MILLING CHUCK SET

1. 每套铣夹头包括1支夹头体，1支压帽，整套夹头及1支扳手
2. 木盒或塑料盒包装



1. A set included: 1 collet chuck, 1 clamping nut, full set of collets and 1 spanner
2. Packed in a wooden case or plastic case



型号 Model No.	支/套 Pcs/set	d		柄部 Shank	重量 Wt(kg)
		mm	in		
R8-EOC/OZ/8mm(in)	8	3 5 8 12 15 18 22 25	1/8 1/4 3/8 1/2 5/8 3/4 7/8 1	R8	3.58
30-EOC/OZ/8mm(in)				NT30	2.52
40-EOC/OZ/8mm(in)				NT40	2.61
45-EOC/OZ/8mm(in)				NT45	3.09
50-EOC/OZ/8mm(in)				NT50	3.92
MT3-EOC/OZ/8mm(in)				MT3	2.32
MT4-EOC/OZ/8mm(in)				MT4	2.57
MT5-EOC/OZ/8mm(in)				MT5	3.48
1"-EOC/OZ/8mm(in)	15	3 4 5 6 8 10 12 14 15 16 18 20 22 24 25	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	1"	2.18
1-1/4"-EOC/OZ/8mm(in)				1-1/4"	2.78
R8-EOC/OZ/15mm(in)				R8	4.42
30-EOC/OZ/15mm(in)				NT30	3.37
40-EOC/OZ/15mm(in)				NT40	3.71
45-EOC/OZ/15mm(in)				NT45	4.29
50-EOC/OZ/15mm(in)				NT50	5.11
MT3-EOC/OZ/15mm(in)				MT3	3.52
MT4-EOC/OZ/15mm(in)				MT4	3.75
MT5-EOC/OZ/15mm(in)				MT5	4.65
1"-EOC/OZ/15mm(in)				1"	3.43
1-1/4"-EOC/OZ/15mm(in)				1-1/4"	3.80

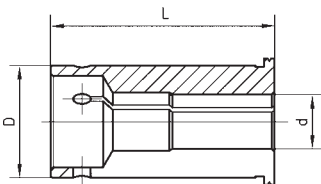
1. 订货时，请注明夹头体的拉杆螺纹及夹头的规格(公制或英制)
2. 订购直柄铣夹头时，请注明直柄的直径及长度
3. 我们还可以根据您的要求，提供不同规格及件数的成套夹头、夹头体
1. Please notify the thread of collet chuck draw bar and the specification of collets (metric or inch)
2. Please notify the length of straight shank and dia
3. We are glad to supply collets and chucks with different shank and quantities according to your requirement



夹头系列

COLLET SERIES

ZY-20028 JM71 型直柄夹头 JM71 STRAIGHT SHANK COLLETS



型号 Model No.	D(mm)	d(mm)	L(mm)
C16	16	4-12	45
C20	20	4-16	50
C22	22	4-16	55
C25	25	4-20	60
C32	32	4-25	65
C40	40	6-32	80
C42	42	6-32	80

ZY-20030 滚针式铣夹头套装 MILLING CHUCK SET

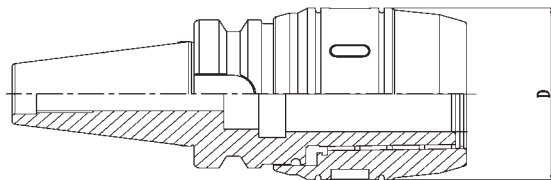
1. 具有夹紧力大, 定心精度高的特点, 特别适用于强力切削加工

2. 可适用于机床主轴锥度为MT2~MT5, 7:24 30~50及R8锥的各种铣床

3. 每套铣夹头包括1支夹头体, 整套夹头及1支扳手
1. The milling chuck clamp with exceptional force and with a very tight tolerance on run out

2. Used for the spindle taper of milling machine: R8, MT2~MT5, 7:24 30~50

3. A set included: 1 collet chuck, full set of collets and 1 spanner



型号 Model No.	支/套 Pcs/set	夹持范围 clamping range (mm)	柄部 Shank	D(mm)
C16	6	4 5 6 8 10 12	R8 MT2 MT3 MT4 MT5 NT30 NT40 NT50	50
C20	8	4 5 6 8 10 12 14 16		56
C25	10	4 5 6 8 10 12 14 16 18 20		63
C32	11	4 5 6 8 10 12 14 16 18 20 25		70
C42	12	6 8 10 12 14 16 18 20 25 28 30 32		90

1. 订货时, 请注明夹头体的型号及拉杆螺纹
Please notify the thread of collet chuck draw bar
2. 我们还可以根据您的要求, 提供不同规格及件数的成套夹头, 夹头体
We are glad supply collets and chucks with different shank and quantities according to your requirement



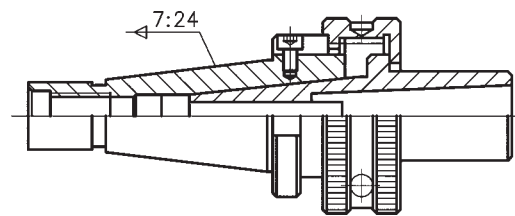
夹头系列

COLLET SERIES

ZY-20032 多用快换铣夹头 QUICK ACTION MILLING CHUCK

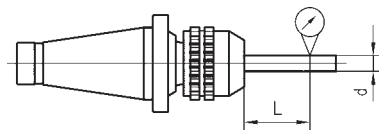
该装置具有换刀迅速, 节省辅助时间等优点, 适用于换刀频繁的机床, 首先将快换装置插入主轴, 然后将刀具插入快换装置, 将卡口式连接旋转90°锁紧即可, 操作简便。

This quick-action chuck set was developed to optiacton the time-con suning exchange of the various milling tools in their mounts. The quick-action mounts is inserted into the spindle. Just as with convertional tapered tool shanks. Then the tool mounts are inserted into the quick-action mount, and secured by one quarter of the bayunet lock. All components of the set are precision-made hardened, and precision-ground.



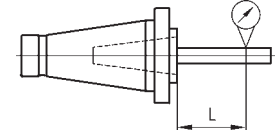
型号 Model No.	JXT16-40	型 号 Model No.	JXT25-50
1个快换装置 1个夹头体及8支夹头 (4 5 6 8 10 12 14 16) 1个莫氏1号中间套 1个莫氏2号中间套 1个莫氏3号中间套 1个B12钻接杆 1个钻夹头 1个端面铣刀杆 1个勾头扳手	1quick-action mount 1collet chuck & 8 collets (4 5 6 8 10 12 14 16) 1mount MT1 1mount MT2 1mount MT3 1drill arbor B12 1drill chuck 1face mill arbor 1hook spanner	1个快换装置 1个夹头体及9支夹头 (6 8 10 12 14 16 18 20 25) 1个莫氏2号中间套 1个莫氏3号中间套 1个莫氏4号中间套 1个B16钻接杆 1个钻夹头 1个端面铣刀杆 2个勾头扳手	1quick-action mount 1collet chuck & 9 collets (6 8 10 12 14 16 18 20 25) 1mount MT2 1mount MT3 1mount MT4 1drill arbor B16 1drill chuck 1face mill arbor 2hook spanner

1. 快换夹头的径向跳动
Run out of quick action collets



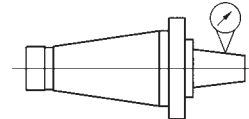
d(mm)	≤5	>5-12	>12
L(mm)	30	50	100
允差 Error(mm)	0.02	0.025	0.03

2. 中间套的径向跳动
Run out of mount

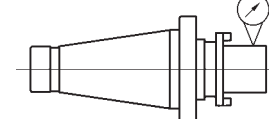


莫氏锥柄号 Morse Taper No.	1	2	3	4
L(mm)	30	50	75	100
允差 Error(mm)	0.025			

3. 快换钻接杆的径向跳动≤0.015mm
Radial run out of drill arbor ≤0.015mm



4. 快换刀杆的径向跳动≤0.02mm
Radial run out of face mill arbor ≤0.02mm





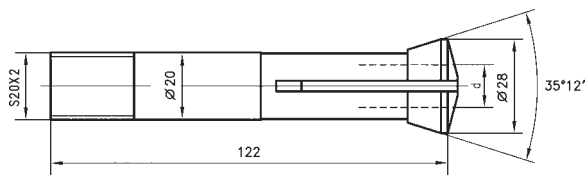
夹头系列

COLLET SERIES

ZY-20034 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

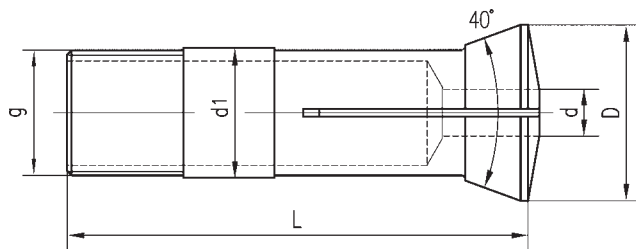


型号 Model No.	d	
M-d	in	mm
	1/8~5/8	3~16

ZY-20036 DIN6341 弹簧夹头 DIN6341 COLLETS

- 1.材料: 65Mn
2.硬度: 夹持部分HRC55~60
弹性区HRC40~45
3.适用于各种自动车床

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



型号 Model No.	d1 (mm)	D (mm)	L (mm)	dmax (mm)	g	重量Wt (kg)
k8-d	8	12	45	5	M8×0.75	0.06
k10-d	10	15	52	6	Tr10×1	0.09
k12-d	12	18	60	8	Tr12×1	0.11
k16-d	16	24	70	11	Tr16×1.5	0.12
k20-d	20	28	80	15	Tr20×1.5	0.15
k23-d	23	32	90	18	Tr23×1.5	0.21
k28-d	28	38	100	22	Tr28×1.5	0.23
k32-d	32	45	110	27	Tr32×1.5	0.27
k45-d	45	60	140	36	Tr45×2	0.32

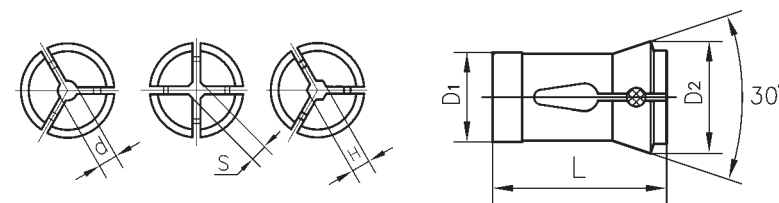
夹头系列



ZY-20038 DIN6343 夹紧夹头 DIN6343 CLAMPING COLLETS

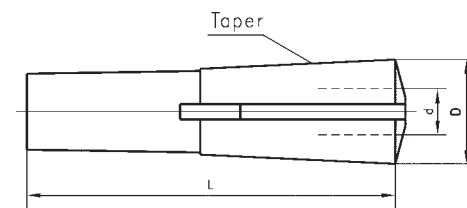
- 1.材料: 65Mn
2.硬度: 夹持部分HRC55~60
弹性区HRC40~45
3.适用于各种车床、六角车床等

- 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 No.	D1 (mm)	D2 (mm)	L (mm)	孔径 Hole size (mm)			重量Wt (kg)
				d	S	H	
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	1.16

ZY-20040 锥度夹头 TAPER COLLETS



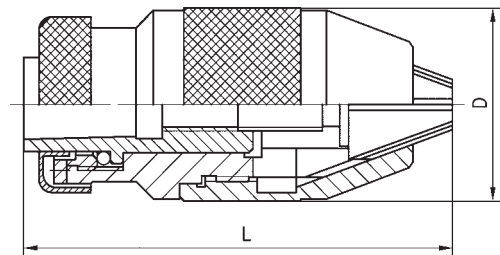
型号 Model No.		JMT1-d	JMT2-d	JMT3-d	JMT4-d	J7B&S-d	J9B&S-d
锥度 Taper		MT1	MT2	MT3	MT4	B&S7	B&S9
孔径 d	in	1/16~5/16	1/8~1/2	1/8~3/4	1/8~1	1/8~1/2	1/8~3/4
	mm	2~8	2~12	3~20	3~25	2~12	3~20
D (mm)		12.2	18	24.1	31.5	18.4	27.08
L (mm)		57	68	86	108	79.4	105
重量 Wt (kg)		0.05	0.08	0.10	0.38	0.096	0.32



ZY-20042 锥孔自紧式钻夹头 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.

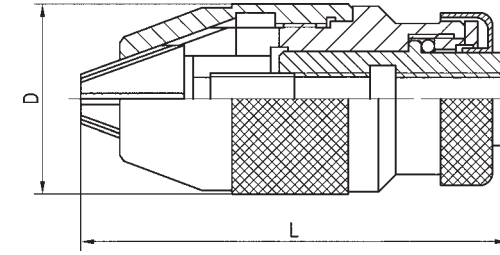


型 号 Model No.	夹持范围 Capacity	连接尺寸 Mount	D mm	L mm	精度 Runout mm		
					P	D	M
J0106	0.5～6mm	B10	34	72	0.12	0.16	
J0206	1/64 " ～1/4 "	JT1					
J0108	0.5～8mm	B12	42	82			
J0208	1/64 " ～5/16 "	JT2					
J0110	1～10mm	B12	42	82			0.06
J0210	1/32 " ～3/8 "	JT2	44	88			
J0210A		JT33	44	88			
J0113	1～13mm	B16	44	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		110			
J0216	1/8 " ～5/8 "	JT6		110			
J0216A		JT3		110			
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.

ZY-20044 螺纹孔自紧式钻夹头 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.



型 号 Model 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	40	80	
J0308A	1/64 " ~ 5/16 "	3/8 " -24UNF			
J0308B	0.5~8mm	N12X1.25			
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			
J0313	1~13mm	M10X1	44	97	
J0313A	1/32 " ~ 1/2 "	3/8 " -24UNF			
J0313B	1~13mm	M12X1.25			
J0313C	1/32 " ~ 1/2 "	1/2 " -20UNF			
J0316	3~16mm	M12X1.25	48	107	0.24
J0316A	1/8 " ~ 5/8 "	1/2 " -20UNF			
J0316B	3~16mm	M16X1.5			
J0316C	1/8 " ~ 5/8 "	5/8 " -16UNF			



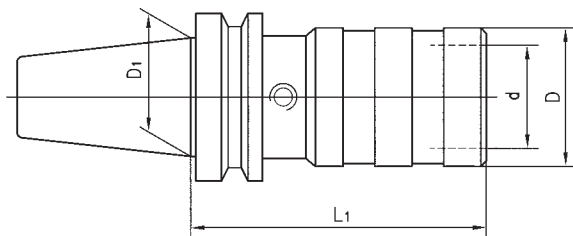
夹头系列

COLLET SERIES

ZY-20048 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，主体具有前后螺矩补偿装置。攻丝夹套有过载保护和 not 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.

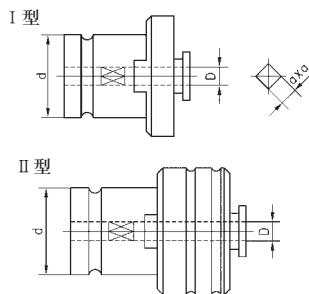


型 号 Model No.	柄部 Shank	攻丝范围 Tapping range	D(mm)	D1(mm)	d(mm)	L1(mm)
D30-12	DIN69871.30	M3~M12	36	31.75	19	59
D40-12	DIN69871.40			44.45		
D50-12	DIN69871.50			69.85		62
B30-12	BT30			31.75		59
B40-12	BT40			44.45		64
B50-12	BT50			69.85		75
D30-20	DIN69871.30	M7~M20	53	31.75	31	97
D40-20	DIN69871.40			44.45		
D50-20	DIN69871.50			69.85		
B30-20	BT30			31.75		
B40-20	BT40			44.45		
B50-20	BT50			69.85		
D30-36	DIN69871.30	M14~M36	78	31.75	48	149
D40-36	DIN69871.40			44.45		
D50-36	DIN69871.50			69.85		
B30-36	BT30			31.75		
B40-36	BT40			44.45		
B50-36	BT50			69.85		

夹头系列



ZY-20050 TCS型扭力攻丝筒夹 TCS TAPPING TORSION TAPPING COLLET



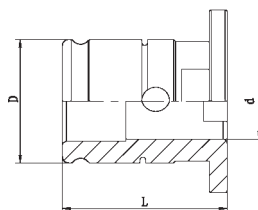
型号 Model No.	ISO D×a	DIN371 D×a	DIN376 D×a	JIS (日本) D×a	d(mm)	
M2	2.8×2.25	2.8×2.1	2.5×2.1	3×2.5	19	
M3 (1/8)	3.15×2.5	3.5×2.7		4×3.2		
M4 (5/32)	4×3.15	4.5×3.4		5×4		
M5(3/16)	5×4	6×4.9		5.5×4.5		
M6(1/4)	6.3×5	6×4.9		6×4.5		
M8(5/16)	6.3×5	8×6.2	6×4.9	6.2×5		
M10(3/8)	8×6.3	10×8	7×5.5	7×5.5		
M12	9×7.1		9×7	8.5×6.5		31
1/2"	9×7.1		9×7	9×7		
M14(9/16)	11.2×9		11×9	10.5×8		
M16	12.5×10		12×9	12.5×10		
5/8"	12.5×10		12×9	12×9		
M18(3/4)	14×11.2		14×11	14×11		
M20	14×11.2		16×12	15×12		
M22(7/8)	16×12.5		18×14.5	17×13	48	
M24	18×14		18×14.5	19×15		
M27(1")	20×16		20×16	20×15		
M30	20×16		22×18	23×17		
M33	22.4×18		25×20	25×19		
M36	25×20		28×22	28×21	19	
PT1/16—28				8×6		
PT1/8—28				8×6		
PT1/4—19				11×9		
PT3/8—19				14×11		
PT1/2—14				18×14	31	
PT3/4—14				23×17		
					48	

1. 该夹头 II 型内部设有过载保护装置，扭矩可调 2. 订货时请写明规格，柄径d及形式如：19-3.5×2.7-II

1. With overload protection device inside the chucks torque adjustable

2. Show the specification in the order, with diameter of shank in the form as 19-3.5×2.7-II

ZY-200501 扭力攻丝筒夹转接器 TAPPING COLLET ADAPTER



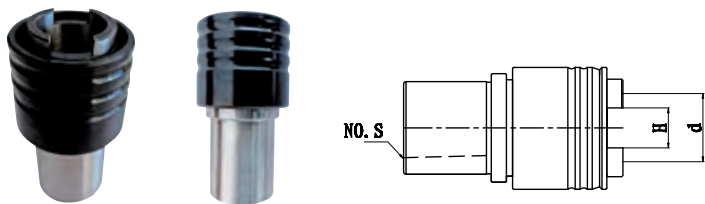
型号 Model No.	L	D	d
TCS1B-2B	41.5	31	19
TCS2B-3B	62.8	48	31



夹头系列

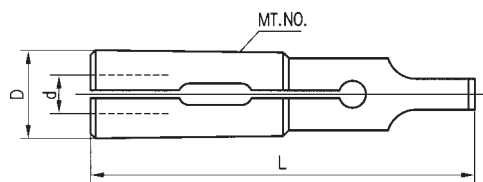
COLLET SERIES

ZY-200502 扭力夹头连接器 TORSION CLAMP CONNECTOR



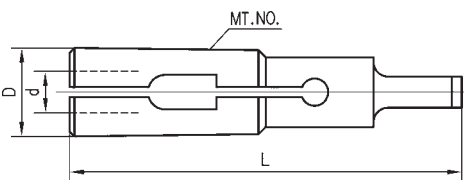
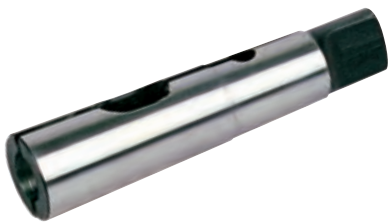
型号 Model No.	d	H	NO.S
JTS1B	19	10	B12 B16 B18 B20
JTS2B	31	16	
JTS3B	48	24	

ZY-20052 莫氏钻孔弹性套筒 MORSE TAPER DRILLING SLEEVES



型号 Model No.	MT.NO.	d(mm)	D(mm)	L(mm)
TZ1-d	MT1	2.24~8.0	12.31	67
TZ2-d	MT2	4.75~12	18.06	80
TZ3-d	MT3	11.2~18	24.15	80
TZ4-d	MT4	16~25	31.66	90
TZ5-d	MT5	19~30	44.7	160.5

ZY-20054 莫氏攻丝弹性套筒 MORSE TAPER TAPPING SLEEVES



型号 Model No.	MT.NO.	d(mm)	D(mm)	L(mm)
TG0-d	MT0	2.47~4.53	9.2	59.5
TG1-d	MT1	2.5~8	12.31	67
TG2-d	MT2	5.95~12	18.06	80
TG3-d	MT3	12.5~18	24.15	80
TG4-d	MT4	16~24	31.66	90
TG5-d	MT5	22~34	44.73	156
TG6-d	MT6	34~38	63.76	217.5

夹头系列

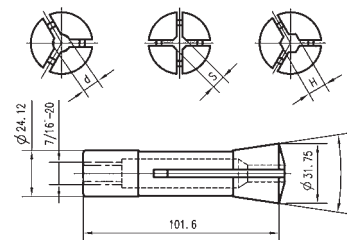
COLLET SERIES



ZY-20056 R8 弹簧夹头 R8 COLLETS

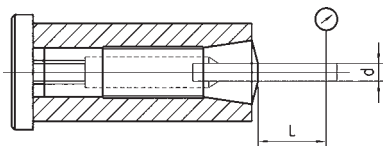
1. 材料: 65Mn
2. 硬度: 夹持部分HRC55~60
弹性区HRC40~45
3. 适用于主轴锥孔为R8的各种铣床, 如X6325、X5325等

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



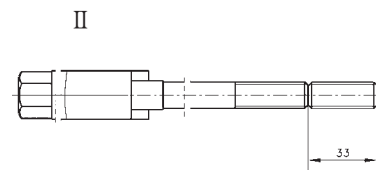
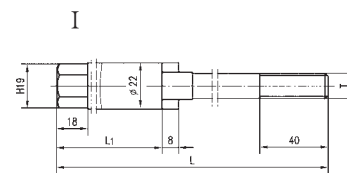
型号 Model No.	型式 Type	夹持范围 Clamping range		重量 Wt(kg)
		mm	in	
R8-01-d	圆孔 Round	1~20	1/16~7/8	0.24
R8-02-S	四方孔 Square	3~13	1/8~1/2	0.24
R8-03-H	六方孔 Hex	3~16	1/8~5/8	0.24

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

ZY-20058 R8 夹头拉杆 R8 COLLETS DRAW BAR



型号 Model No.	型式 Type	L(mm)	L1(mm)	T	重量 Wt(kg)
LG/R8-1	I	518	50.8	M12	0.57
LG/R8-1A	I	518	50.8	7/16" -20UNF	0.51
LG/R8-2	I	600	128	M12	0.81
LG/R8-2A	I	600	128	7/16" -20UNF	0.75
LG/R8-01C	II	633	128	7/16" -20UNF	0.85
LG/R8-01D	II	551	50.8	M12	0.62



夹头系列

COLLET SERIES

铣刀杆系列

MILLING ARBOR SERIES



ZY-20060 扳手钻夹头 KEY TYPE DRILL CHUCK

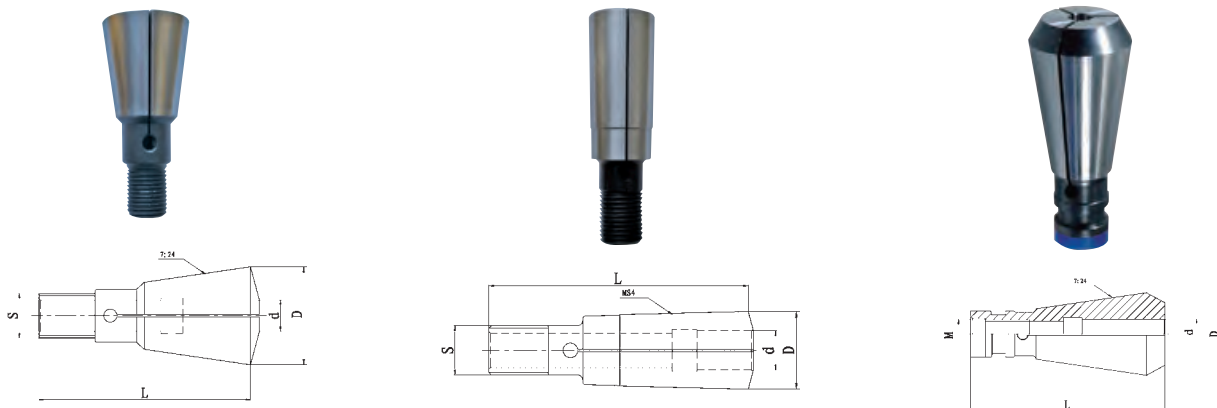
1. 适合中、重型钻削。 2. 应用于铣床、车床、钻床、木工机械。3. 能够承受高速切削。



1. Suitable for medium, heavy duty drilling use.
2. For milling machine, lathe, drilling machine, wood working machine.
3. High speed drilling can be performed for possessing high gripping power.

型号 Model No.	夹持范围 Capacity		连接尺寸 Mount	外径 D mm	长度 L mm	重量 Wt. (kg)
	mm	in				
J2110	1-10	1/32-3/8	B12	42.5	70	0.34
J2113	1-13	1/32-1/2	B16	53	86	0.63
J2513	1.5-13	1/16-1/2	B16	44	78	0.45
J2516	3-16	1/8-5/8	B16	53	86	0.63
J2516A	3-16	1/8-5/8	B18	53	86	0.63
J2116	3-16	1/32-5/8	B18	57	98	1.00
J2116A	1-16	1/32-5/8	B16	57	93	0.82
J2120	5-20	3/16-3/4	B22	65	110	1.40
J2210	1-10	1/32-3/8	JT2	42.5	70	0.34
J2213	1-13	1/32-1/2	JT6	53	86	0.63
J2213A	1-13	1/32-1/2	JT33	53	86	0.63
J2613	1.5-13	1/16-1/2	JT33	44	78	0.45
J2616	3-16	1/8-5/8	JT3	53	86	0.63
J2616A	3-16	1/8-5/8	JT6	53	86	0.63
J2616B	3-16	1/8-5/8	JT33	53	93	0.65
J2216	1-16	1/32-5/8	JT3	57	98	1.00
J2220	5-20	3/16-3/4	JT3	65	110	1.40

ZY-200601 7:24夹头系列 7:24 COLLET SERIES

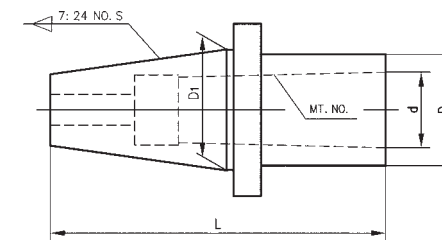


型号 Model No.	L	D	d	S
SK40 S20X2	96.5	44.65	3*25	S20X2

型号 Model No.	L	D	d	S
MK4 S20x2	105	31.592	3*25	S20X2

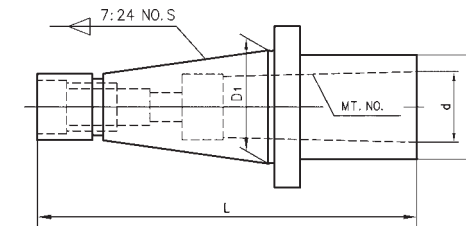
型号 Model No.	L	D	d	M
DIN2080.40 M16	105.5	44.9	3*25	M16

ZY-30002 7:24/MT 变径套(开尾式) 7:24 TO MT ADAPTER(END OPENING TYPE)



型号 Model No.	7:24 NO.S	MT.NO.	D(mm)	D1(mm)	d(mm)	L(mm)
NT30-MTB1	30	MT1	24	31.75	12.065	75
NT30-MTB2	30	MT2	30	31.75	17.780	100
NT30-MTB3	30	MT3	36	31.75	23.825	130
NT30-MTB4	30	MT4	48	31.75	31.267	162.6
NT40-MTB1	40	MT1	24	44.45	12.065	80
NT40-MTB2	40	MT2	30	44.45	17.780	85
NT40-MTB3	40	MT3	36	44.45	23.825	100
NT40-MTB4	40	MT4	48	44.45	31.267	145
NT40-MTB5	40	MT5	61	44.45	44.399	225
NT50-MTB1	50	MT1	25	69.85	12.065	127
NT50-MTB2	50	MT2	32	69.85	17.780	127
NT50-MTB3	50	MT3	40	69.85	23.825	127
NT50-MTB4	50	MT4	48	69.85	31.267	127
NT50-MTB5	50	MT5	61	69.85	44.399	180

ZY-30004 7:24/MT 变径套(拉杆型) 7:24 TO MT ADAPTER(DRAW BAR TYPE)



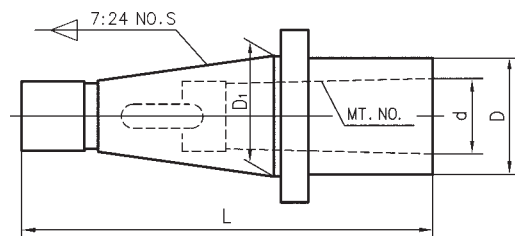
型号 Model No.	7:24 NO.S	MT.NO.	D(mm)	D1(mm)	d(mm)	L(mm)
DIN2080.30-1W	30	MT1	25	31.75	12.065	105
DIN2080.30-2W	30	MT2	32		17.780	118
DIN2080.30-3W	30	MT3	40		23.825	155
DIN2080.40-1W	40	MT1	25	44.45	12.065	120
DIN2080.40-2W	40	MT2	32		17.780	120
DIN2080.40-3W	40	MT3	40		23.825	140
DIN2080.40-4W	40	MT4	48		31.267	178
DIN2080.40-5W	40	MT5	61		44.399	238
DIN2080.50-1W	50	MT1	25	69.85	12.065	160
DIN2080.50-2W	50	MT2	32		17.780	160
DIN2080.50-3W	50	MT3	40		23.825	160
DIN2080.50-4W	50	MT4	48		31.267	180
DIN2080.50-5W	50	MT5	61		44.399	210



铣刀杆系列

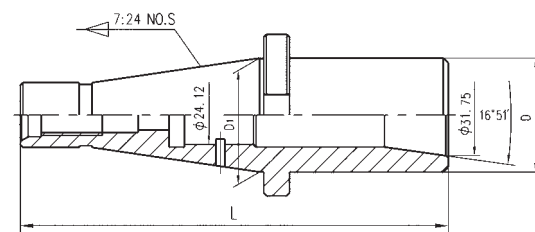
MILLING ARBOR SERIES

ZY-30006 7:24/MT 变径套(扁尾式) 7:24 TO MT ADAPTER(WITH TANG)



型号 Model No.	7:24 NO.S	MT.NO.	D(mm)	D1(mm)	d(mm)	L(mm)
DIN2080.30-MTA1	30	MT1	25	31.75	12.065	118
DIN2080.30-MTA2		MT2	32		17.780	118
DIN2080.30-MTA3		MT3	40		23.825	138
DIN2080.30-MTA4		MT4	48		31.267	212
DIN2080.40-MTA1	40	MT1	25	44.45	12.065	143
DIN2080.40-MTA2		MT2	32		17.780	143
DIN2080.40-MTA3		MT3	40		23.825	158
DIN2080.40-MTA4		MT4	48		31.267	188
DIN2080.40-MTA5	50	MT5	61	69.85	44.399	273
DIN2080.50-MTA1		MT1	25		12.065	172
DIN2080.50-MTA2		MT2	32		17.780	187
DIN2080.50-MTA3		MT3	40		23.825	192
DIN2080.50-MTA4		MT4	48		31.267	197
DIN2080.50-MTA5		MT5	61		44.399	232

ZY-30008 7:24/R8 变径套 7:24 TO R8 ADAPTER



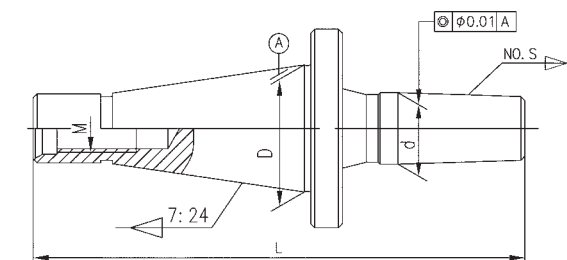
型号 Model No.	7:24 NO.S	D1(mm)	L(mm)	D(mm)
DIN2080.30-R8	30	31.75	192	42
DIN2080.40-R8	40	44.45	167	44.5
DIN2080.50-R8	50	69.85	175	

铣刀杆系列



MILLING ARBOR SERIES

ZY-30010 7:24 钻接杆 7:24 DRILL CHUCK ARBORS



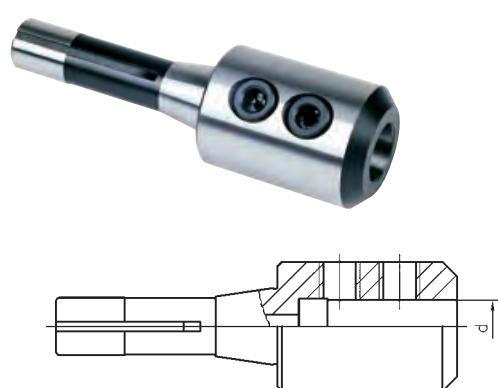
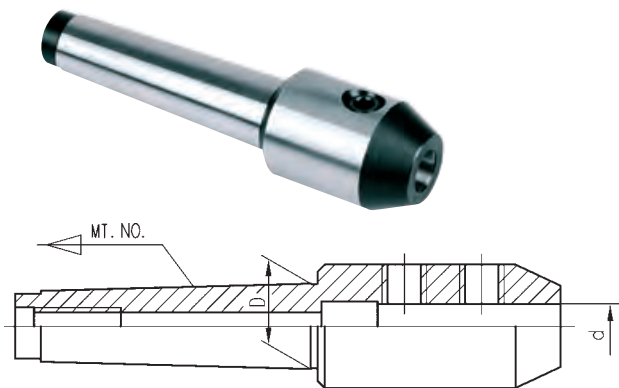
型号 Model No. 7:24-NO.S	D mm	d mm	L mm	M	重量 Wt(kg)	型号 Model No. 7:24-NO.S	D mm	d mm	L mm	M	重量 Wt(kg)
DIN2080.30-J0	31.75	6.350	99	M12	0.313	DIN2080.50-J6	69.85	17.170	184	M24	2.739
DIN2080.30-J1		9.754	106		0.326	DIN2080.50-J3		20.599	191		2.777
DIN2080.30-J2S		13.940	109		0.341	DIN2080.50-J4		28.550	202		2.953
DIN2080.30-J2		14.199	113		0.349	DIN2080.50-J5	31.75	35.890	208	M12	3.178
DIN2080.30-J33		15.850	122		0.377	DIN2080.30-B10		10.094	104		0.325
DIN2080.30-J6		17.170	122		0.388	DIN2080.30-B12		12.065	108		0.330
DIN2080.30-J3	44.45	20.599	123	M16	0.426	DIN2080.30-B16		15.733	116	M16	0.372
DIN2080.30-J4		28.550	136		0.602	DIN2080.30-B18		17.780	124		0.393
DIN2080.30-J5		35.890	145		0.827	DIN2080.30-B22		21.793	133		0.460
DIN2080.40-J0		6.350	126		0.789	DIN2080.30-B24		23.825	143		0.518
DIN2080.40-J1		9.754	133		0.797	DIN2080.40-B10	44.45	10.094	132	M24	0.801
DIN2080.40-J2S	69.85	13.940	136	M24	0.817	DIN2080.40-B12		12.065	136		0.809
DIN2080.40-J2		14.199	141		0.829	DIN2080.40-B16		15.733	143		0.848
DIN2080.40-J33		15.850	145		0.853	DIN2080.40-B18		17.780	151		0.869
DIN2080.40-J6		17.170	145		0.864	DIN2080.40-B22		21.793	160		0.936
DIN2080.40-J3	69.85	20.599	150	M24	0.902	DIN2080.40-B24	69.85	23.825	169	M24	0.994
DIN2080.40-J4		28.550	165		1.028	DIN2080.50-B10		10.094	170		2.684
DIN2080.40-J5		35.890	170		1.303	DIN2080.50-B12		12.065	174		2.676
DIN2080.50-J1		9.754	175		2.672	DIN2080.50-B16		15.733	182		2.723
DIN2080.50-J2S		13.940	177		2.692	DIN2080.50-B18		17.780	195		2.744
DIN2080.50-J2	69.85	14.199	180	M24	2.704	DIN2080.50-B22	69.85	21.793	200	M24	2.811
DIN2080.50-J33		15.850	184		2.728	DIN2080.50-B24		23.825	215		2.869



ZY-30012 立铣刀杆 END MILL ADAPTERS

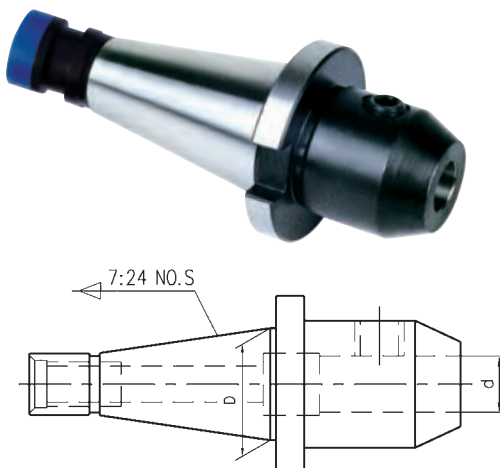
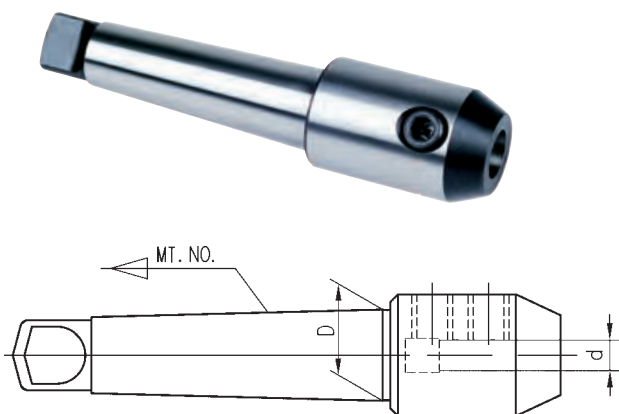
MT2~MT6

R8



MT2A~MT6A

DIN2080.30~DIN2080.50



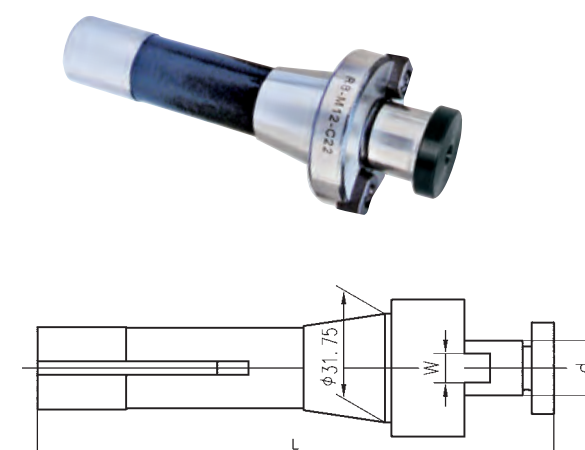
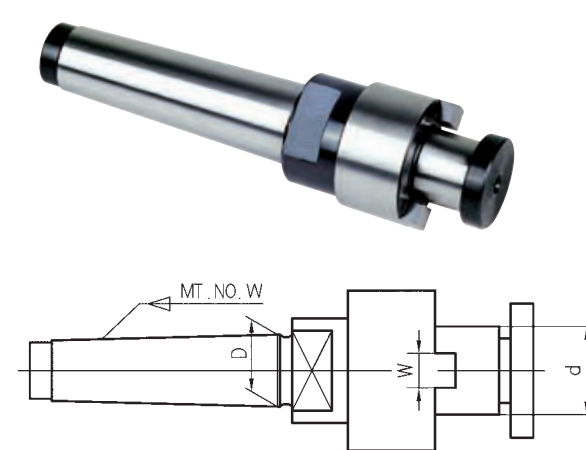
连接柄 SHANK	d mm	连接柄 SHANK	d in
MT2、MT3、MT4、 MT5、MT6 MT2A、MT3A、MT4A、 MT5A、MT6A DIN2080.30、DIN2080.40、 DIN2080.50 R8	6	MT2、MT3、MT4、 MT5、MT6 MT2A、MT3A、MT4A、 MT5A、MT6A DIN2080.30、DIN2080.40、 DIN2080.50 R8	1/4
	8		5/16
	10		3/8
	12		1/2
	14		5/8
	16		3/4
	18		1
	20		1-1/4
	25		1-1/2
	32		2
	40		2-1/2

注：订购时请注明连接柄及孔径

ZY-30014 套式铣刀杆 SHELL END MILL ARBORS

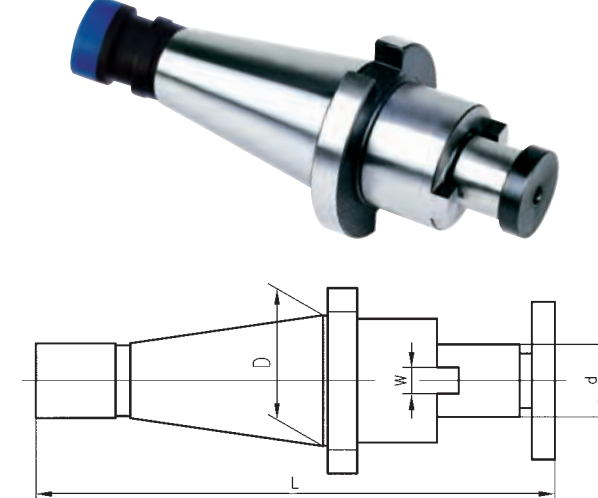
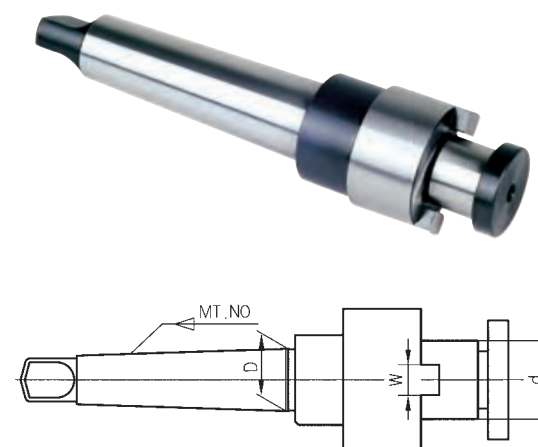
MT2~MT6

R8



MT2A~MT6A

DIN2080.30~DIN2080.50



连接柄 SHANK	d mm	连接柄 SHANK	d in
MT2、MT3、MT4、 MT5、MT6 MT2A、MT3A、MT4A、 MT5A、MT6A DIN2080.30、DIN2080.40、 DIN2080.50 R8	13	MT2、MT3、MT4、 MT5、MT6 MT2A、MT3A、MT4A、 MT5A、MT6A DIN2080.30、DIN2080.40、 DIN2080.50 R8	1/2
	16		5/8
	22		3/4
	27		7/8
	32		1
	40		1-1/4
	50		1-1/2
	60		2

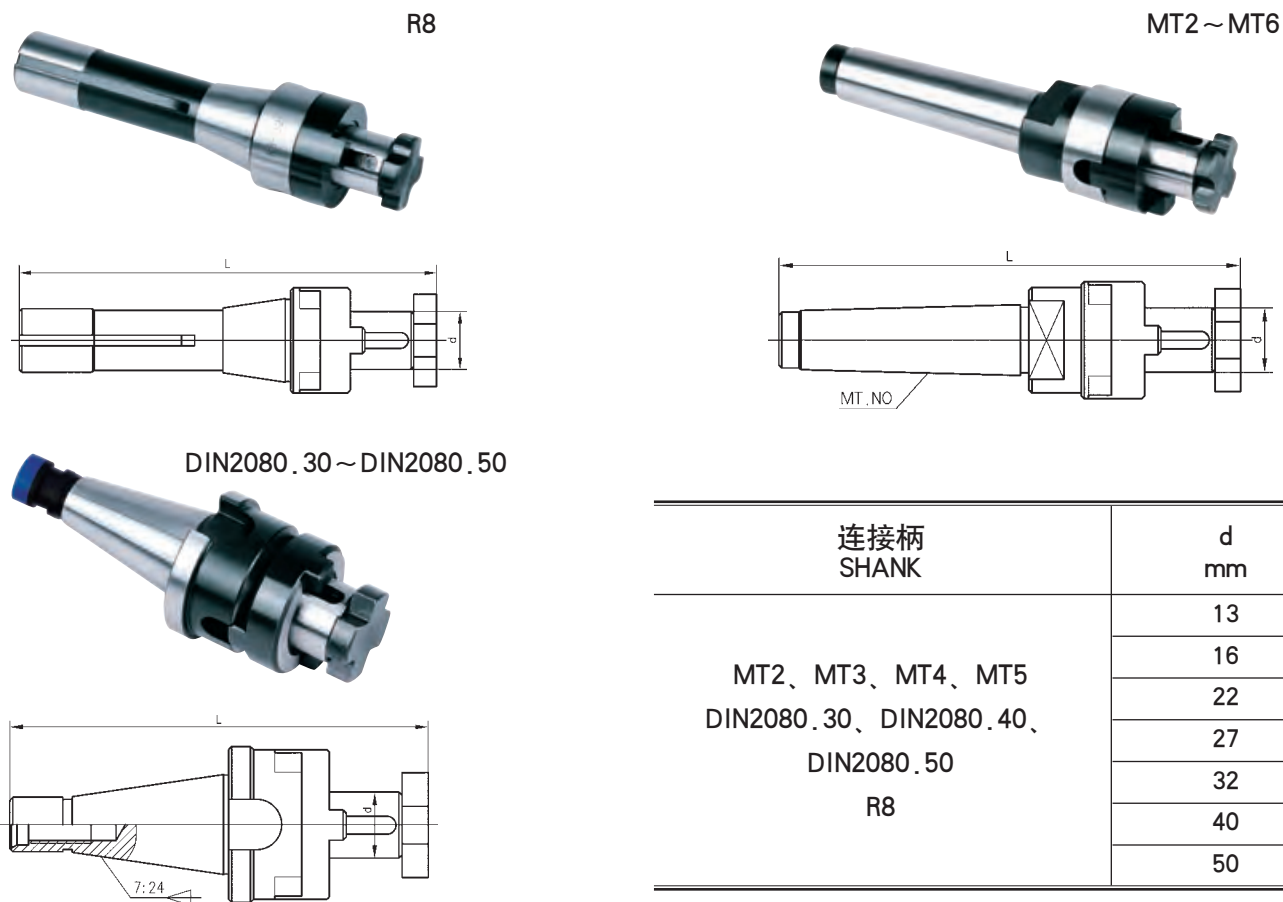
注：订购时请注明连接柄及刀杆直径



铣刀杆系列

MILLING ARBOR SERIES

ZY-30016 混合插入式铣刀杆 COMBI SHELL END MILL ARBORS



注：订购时请注明连接柄及刀杆直径

ZY-30018 混合插入式铣刀杆用附件 ATTACHMENT OF COMBI SHELL END MILL ARBORS

拨环 DRIVE RING	扳手 SPANNER	螺钉 SCREW	刀杆直径 Dia of arbors
DRIVE RING-13	SPANNER-13	SCREW-13	13
DRIVE RING-16	SPANNER-16	SCREW-16	16
DRIVE RING-22	SPANNER-22	SCREW-22	22
DRIVE RING-27	SPANNER-27	SCREW-27	27
DRIVE RING-32	SPANNER-32	SCREW-32	32
DRIVE RING-40	SPANNER-40	SCREW-40	40
DRIVE RING-50	SPANNER-50	SCREW-50	50
DRIVE RING-25.4	SPANNER-25.4	SCREW-25.4	25.4

铣刀杆系列

MILLING ARBOR SERIES



ZY-30020 R8 变径套 R8 TO MS SLEEVES



型号 Model No.	MS.NO.W	D(mm)	L(mm)	型号 Model No.	MS.NO	D(mm)	L(mm)
BR8-1W	1	12.065	102	BR8-1	1	12.065	114
BR8-2W	2	17.780	105	BR8-2	2	17.780	127
BR8-3W	3	23.825	135	BR8-3	3	23.825	153
BR8-4W	4	31.267	218	BR8-4	4	31.267	240

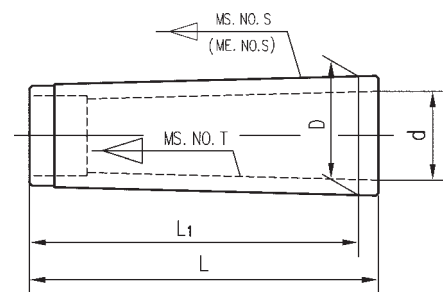
ZY-30022 莫氏中间套 MORSE TAPER SLEEVES



型号 Model No.	MS NO.S	MS.NO.T	D(mm)	d(mm)	L(mm)	重量 Wt(kg)	精度 Accuracy(mm)
BZ2-1	2	1	18	12.065	74	0.10	0.015
BZ3-1	3		24.1		17.780	80	
BZ3-2		2		0.12			
BZ4-1	4	1	31.6	12.065	90	0.63	0.020
BZ4-2		2		17.780		0.50	
BZ4-3		3		23.825		0.38	
BZ5-2	5	2	44.7	17.780	110	1.49	
BZ5-3		3		23.825		1.36	
BZ5-4		4		31.267		0.95	
BZ6-3	6	3	63.8	23.825	130	3.58	0.025
BZ6-4		4		31.267		3.12	
BZ6-5		5		44.399		195	
BZ7-5	7		83.56		1.69		

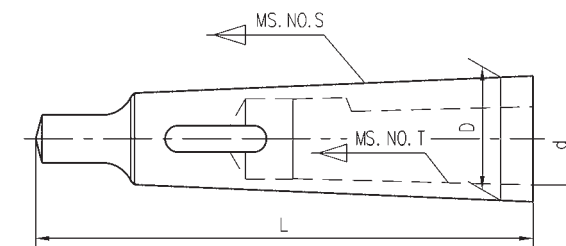


ZY-30024 273 型变径套 273 MORSE TAPER SLEEVES



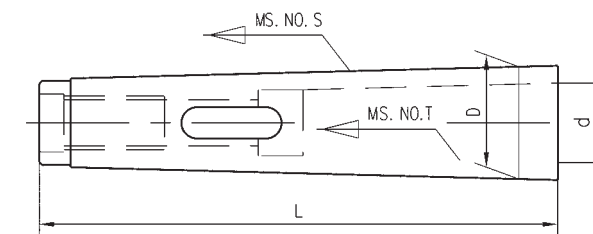
型号 Model No.	MS.NO.S ME.NO.S	MS.NO.T	L(mm)	L1(mm)	D(mm)	d(mm)
273—20/10	MS2	1	60	56	17.780	12.065
273—30/10	MS3		70	66	23.825	17.780
273—30/20		2				
273—40/20	MS4		3	77	70.5	44.399
273—40/30		2				
273—50/20	MS5		3	4	5	6
273—50/30		3				
273—50/40	4		5	6	7	8
273—60/30		MS6				
273—60/40	4		5	6	7	8
273—60/50		5				
273—04/30	ME40		3	70	103.5	63.348
273—04/40		4				
273—05/30	ME50		3	86	103.5	63.348
273—05/40		4				
273—05/50	5		6	7	8	9
273—06/40		ME60				
273—06/50	5		6	7	8	9
273—07/40		ME70				
273—07/50	5		6	7	8	9
273—08/40		ME80				
273—08/50	5		6	7	8	9
273—08/60		6				
273—09/50	ME90		5	120	103.5	63.348
273—09/60		6				

ZY-30026 强力传动变径套 STRENGTH-DRIVEN SLEEVES



型号 Model No.	MS.NO.S	MS.NO.T	D(mm)	d(mm)	L(mm)	重量 Wt(kg)
BSD2-1	2	1	17.780	12.065	92	0.10
BSD3-2	3	2	23.825	17.780	112	0.12
BSD4-3	4	3	31.267	23.825	140	0.38

ZY-30028 莫氏变径套(拉杆型) MORSE TAPER SLEEVES(DRAWBAR TYPE)



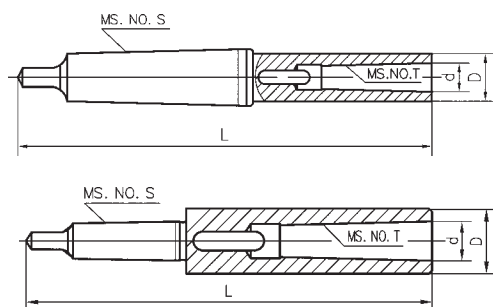
型号 Model No.	MS.NO.S	MS.NO.T	D(mm)	d(mm)	L(mm)	精度 Accuracy (mm)
BM2-1	2	1	17.780	12.065	108.5	0.01
BM3-1	3	1	23.825	12.065	106	
BM3-2	3	2	23.825	17.780	116	
BM4-1	4	1	31.267	12.065	110	
BM4-2	4	2	31.267	17.780	120	0.02
BM4-3	4	3	31.267	23.825	140	
BM5-1	5	1	44.399	12.065	136	
BM5-2	5	2	44.399	17.780	136	
BM5-3	5	3	44.399	23.825	148	0.02
BM5-4	5	4	44.399	31.267	176	



铣刀杆系列

MILLING ARBOR SERIES

ZY-30030 DIN2187 加长变径套 EXTENSION SOCKET WITH MS. HOLE

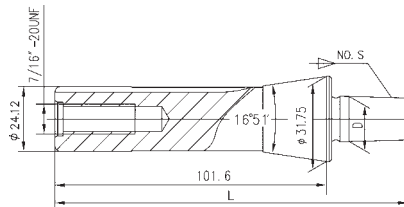


型号 Model No.	MS. NO. S	MS. NO. T	D(mm)	d(mm)	L(mm)	重量 Wt(kg)	精度 Accuracy (mm)
BL1-1	1	1	20	12.065	145	0.19	0.03
BL1-2		2	30	17.780	160	0.40	
BL1-3		3	36	23.825	181	0.40	
BL2-1	2	1	20	12.065	160	0.29	
BL2-2		2	30	17.780	175	0.50	
BL2-3		3	36	23.825	196	0.60	
BL2-4		4	48	31.267	221	1.43	
BL3-1	3	1	20	12.065	175	0.41	
BL3-2		2	30	17.780	194	0.62	
BL3-3		3	36	23.825	215	0.89	
BL3-3A		3	40	23.825	215	1.10	
BL3-4		4	48	31.267	240	1.55	
BL3-5		5	63	44.399	275	2.80	
BL4-1	4	1	20	12.065	200	0.81	0.05
BL4-2		2	30	17.780	215	1.00	
BL4-3		3	36	23.825	240	1.27	
BL4-4		4	48	31.267	265	1.93	
BL4-5		5	63	44.399	300	3.18	
BL4-6		6	85	63.348	368	6.50	
BL5-1	5	1	20	12.065	232	1.79	0.04
BL5-2		2	30	17.780	247	2.00	
BL5-3		3	36	23.825	268	2.27	
BL5-4		4	48	31.267	300	2.93	
BL5-5		5	63	44.399	335	4.18	
BL5-6		6	85	63.348	403	6.70	
BL6-1	6	1	20	12.065	294	4.40	0.04
BL6-2		2	30	17.780	309	4.25	
BL6-3		3	36	23.825	330	4.52	
BL6-4		4	48	31.267	355	5.18	
BL6-5		5	63	44.399	390	6.43	

铣刀杆系列

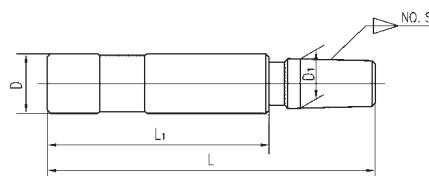


ZY-30032 R8 钻接杆 R8 DRILL CHUCK ARBORS



型号 Model No. R8-NO. S	D(mm)	L(mm)	重量 Wt(kg)	型号 Model 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-B6	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

ZY-30034 直柄钻接杆 STRAIGHT SHANK DRILL CHUCK ARBORS



型号 Model No.	D		NO. S	D1 (mm)
	in	mm		
D-J0	3/8"	6	J0	6.350
D-J1		8	J1	9.754
D-J2		10	J2	14.199
D-J3		12	J3	20.599
D-J4		13	J4	28.550
D-J5		14	J5	35.890
D-J6	7/8"	16	J6	17.170
D-J33	3/4"	20	J33	15.850
D-B6	1"	25	B6	6.350
D-B10	1-1/4"	26	B10	10.094
D-B12	1-1/2"	32	B12	12.065
D-B16	1-3/4"	35	B16	15.733
D-B18		36	B18	17.780
D-B22		40	B22	21.793
D-B24		50	B24	23.825

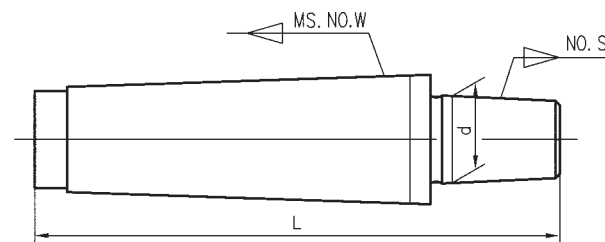
注：如需特殊订做，需注明DXL1XNO.S-L. If specially order, please note:DXL1XNO.S-L



铣刀杆系列

MILLING ARBOR SERIES

ZY-30036 后拉型莫氏钻接杆
MORSE TAPER DRILL CHUCK ARBORS WITH DRAW BAR



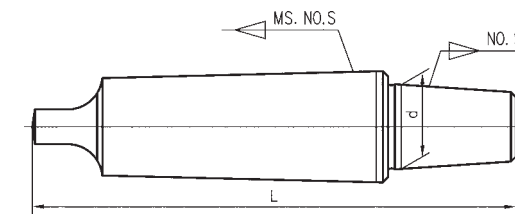
型号 Model No. MS.NO.W-NO.S	d mm	L mm	型号 Model No. MS.NO.W-NO.S	d mm	L mm	型号 Model No. MS.NO.W-NO.S	d mm	L mm
MS0W-J0	6.350	67	MS2W-J6	17.170	97	MS4W-J33	15.850	137
MS0W-J1	9.754	72	MS2W-J33	15.850	97	MS4W-B10	10.094	130
MS0W-J2	14.199	78	MS2W-B10	10.094	90	MS4W-B12	12.065	134
MS0W-J3	20.599	87	MS2W-B12	12.065	94	MS4W-B16	15.733	141
MS0W-J6	17.170	81	MS2W-B16	15.733	101	MS4W-B18	17.780	149
MS0W-J33	15.850	81	MS2W-B18	17.780	109	MS4W-B22	21.793	158
MS0W-B10	10.094	74	MS2W-B22	21.793	117	MS4W-B24	23.825	168
MS0W-B12	12.065	78	MS2W-B24	23.825	127	MS5W-J2	14.199	161
MS0W-B16	15.733	85	MS3W-J1	9.754	105	MS5W-J3	20.599	170
MS0W-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	15.733	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	17.170	218
MS2W-J1	9.754	88	MS4W-J2	14.199	134	MS6W-J33	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	17.780	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

铣刀杆系列

MILLING ARBOR SERIES



ZY-30038 舌尾型莫氏钻接杆
MORSE TAPER DRILL CHUCK ARBORS WITH TANG



型号 Model No. MS.NO.W-NO.S	d mm	L mm	型号 Model No. MS.NO.W-NO.S	d mm	L mm	型号 Model No. MS.NO.W-NO.S	d mm	L mm
MS0-B6	6.350	75	MS2-B22	21.793	128	MS4-B18	17.780	164
MS0-B10	10.094	80	MS2-B24	23.825	138	MS4-B22	21.793	172
MS0-B12	12.065	84	MS2-B18S	17.431	113	MS4-B24	23.825	182
MS0-B16	15.733	91	MS2-J0	6.350	94	MS4-J0	6.350	138
MS0-B18	17.780	99	MS2-J1	9.754	100	MS4-J1	9.754	143
MS0-B22	21.793	108	MS2-J2	14.199	105	MS4-J2	14.199	149
MS0-B24	23.825	118	MS2-J3	20.599	114	MS4-J3	20.599	158
MS0-J0	6.350	73	MS2-J4	28.550	125	MS4-J4	28.550	169
MS0-J3	20.599	93	MS2-J5	35.890	130	MS4-J5	35.890	174
MS0-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	MS3-B24	23.825	157	MS5-B24	23.825	214
MS1-J1	9.754	85	MS3-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	17.170	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



铣刀杆系列

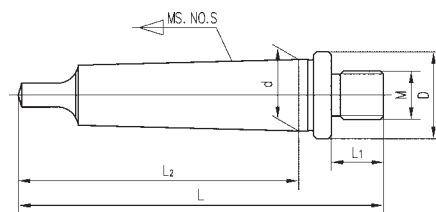
MILLING ARBOR SERIES

铣刀杆系列

MILLING ARBOR SERIES

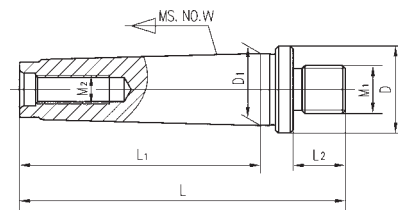
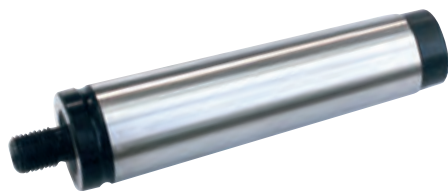


ZY-30040 螺纹钻接杆 MORSE DRILL CHUCK ARBORS



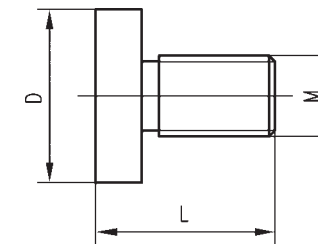
型号 Model No.	MS.NO.S	L(mm)	L1(mm)	L2(mm)	D(mm)	d(mm)	M
MS1—3/8"—24UNF	MS1	83	13.5	62	24	12.065	3/8"—24UNF
MS1—1/2"—20UNF		85	15.5		27		1/2"—20UNF
MS1—M12×1.25							M12×1.25
MS1—5/8"—16UNF		88	17.5		29		5/8"—16UNF
MS2—M10×1	MS2	97	13.5	75	24	17.780	M10×1
MS2—3/8"—24UNF							3/8"—24UNF
MS2—M12×1.25		100	15.5		27		M12×1.25
MS2—1/2"—20UNF							1/2"—20UNF
MS2—M16×1.5							M16×1.5
MS2—5/8"—16UNF		103	17.5		29		5/8"—16UNF
MS2—5/8"—20UNF							5/8"—20UNF
MS3—M10×1	MS3	116	13.5	94	24	23.825	M10×1
MS3—3/8"—24							3/8"—24UNF
MS3—M12×1.25		119	15.5		27		M12×1.25
MS3—1/2"—20UNF							1/2"—20UNF
MS3—M16×1.5							M16×1.5
MS3—5/8"—16UNF		122	17.5		29		5/8"—16UNF
MS4—M12×1.25	MS4	145	15.5	117.5	31.6	31.267	M12×1.25

ZY-30042 后拉式螺纹钻接杆 MORSE DRILL CHUCK ARBORS



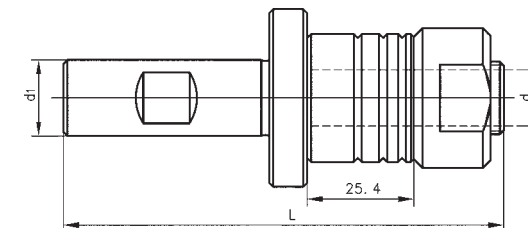
型号 Model No.	D mm	MS.NO.W	L mm	L ₁ mm	L ₂ mm	D ₁ mm	M ₁	M ₂
MS2W-3/8"-24UNF	24	MS2W	88	64	13.5	17.780	3/8"-24UNF	M10×1.5
MS2W-1/2"-20UNF	27		91		15.5		1/2"-20UNF	
MS3W-3/8"-24UNF	24	MS3W	105	81	13.5	23.825	3/8"-24UNF	M12×1.75
MS3W-1/2"-20UNF	27		108		15.5		1/2"-20UNF	

ZY-30044 套式铣刀杆用螺钉 SCREW FOR SHELL END MILL ARBORS



型号 Model No.	M	适用刀杆直径 Dia of arbors(mm)	D mm	L mm	型号 Model No.	M	适用刀杆直径 Dia of arbors(in)	D mm	L mm
SD-M6	M6	13	17	18	SD-1/4-28	1/4"-28	1/2	16.7	21
SD-M8	M8	16	20	22	SD-3/8-24	3/8"-24	5/8 3/4	22.2	27
SD-M10	M10	22	28	25	SD-1/2-20	1/2"-20	7/8 1	30.2	33
SD-M12	M12	27	35	30	SD-5/8-18	5/8"-18	1-1/4	38.1	39
SD-M16	M16	32	42	35	SD-3/4-16	3/4"-16	1-1/2	47.6	45
SD-M20	M20	40	52	40	SD-1-12	1"-12	2	63.1	52
SD-M24	M24	50	63	48	SD-1-1/4-12	1-1/4"-12	2-1/2	69.85	55
SD-M30	M30	60	75	53					

ZY-30046 直柄卧铣刀杆 STRAIGHT SHANK MILLING MACHINE ARBORS



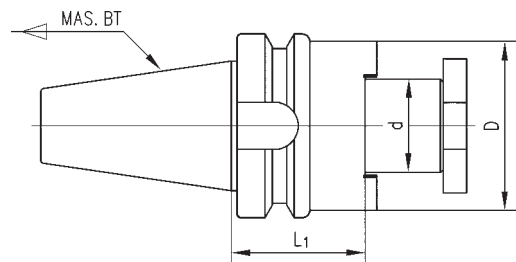
型号 Model No.	d ₁ (in)	d(in)	L(mm)	型号 Model No.	d ₁ (in)	d(in)	L(mm)
DG1/2-1/2	1/2	1/2	102.4	DG3/4-1/2	3/4	1/2	108.7
DG1/2-5/8		5/8	105.6	DG3/4-5/8		5/8	
DG1/2-3/4		3/4		DG3/4-3/4		3/4	111.9
DG1/2-7/8		7/8	111.9	DG3/4-7/8		7/8	
DG1/2-1	1/2	1		DG3/4-1	3/4	1	118.3
DG1/2-1-1/4		1-1/4		DG3/4-1-1/4		1-1/4	



铣刀杆系列

MILLING ARBOR SERIES

ZY-30048 BT锥数控套式铣刀杆 SHELL MILL ARBORS



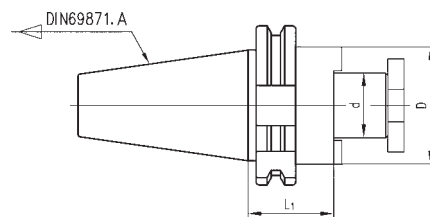
mm					
型号 Model No. BTXd-L1	D	重量 Wt(kg)	型号 Model No. BTXd-L1	D	重量 Wt(kg)
BT30×16-60	32	1.0	BT40×40-75	70	2.2
BT30×22-60	40	1.3	BT40×50-70	90	2.5
BT30×27-60	48	1.5	BT50×16-60	32	3.6
BT30×32-60	58	1.8	BT50×16-75	32	3.9
BT30×40-60	70	2.2	BT50×16-120	32	4.3
BT40×16-45	32	1.0	BT50×22-60	40	5.0
BT40×16-60	32	1.3	BT50×22-75	40	4.0
BT40×16-120	32	1.7	BT50×22-100	40	4.5
BT40×22-45	40	1.5	BT50×22-120	40	5.0
BT40×22-60	40	1.7	BT50×27-60	48	5.5
BT40×22-100	40	3.0	BT50×27-105	48	4.0
BT40×22-120	40	3.6	BT50×32-60	58	4.5
BT40×27-45	48	1.5	BT50×32-75	58	1.6
BT40×27-60	48	1.6	BT50×32-105	58	1.8
BT40×27-75	48	1.8	BT50×40-60	70	2.2
BT40×27-105	48	2.1	BT50×40-75	70	3.6
BT40×27-120	48	2.3	BT50×40-90	70	3.7
BT40×32-45	58	1.2	BT50×40-100	70	3.75
BT40×32-60	58	1.5	BT50×40-105	70	3.8
BT40×32-75	58	1.8	BT50×50-60	90	4.0
BT40×32-120	58	2.8	BT50×50-70	90	4.2
BT40×40-60	70	2.0	BT50×50-120	90	4.4

1. 订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请标明AD/B型，如BT40AD/BX32-60。
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. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
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.

铣刀杆系列



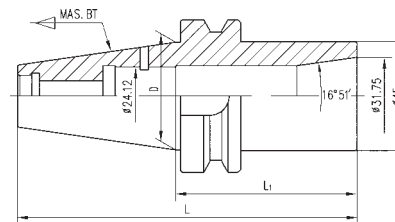
ZY-30050 DIN锥数控套式铣刀杆 SHELL MILL ARBORS



型号 Model No. DIN69871 .AXd-L1	D	重量 Wt(kg)	型号 Model No. DIN69871 .AXd-L1	D	重量 Wt(kg)
DIN69871 .A30×16-60	32	1.0	DIN69871 .A40×27-75	48	1.6
DIN69871 .A30×22-60	40	1.3	DIN69871 .A40×32-60	58	4.5
DIN69871 .A30×27-60	48	1.5	DIN69871 .A40×40-60	70	4.8
DIN69871 .A30×32-60	58	1.8	DIN69871 .A50×16-60	32	3.8
DIN69871 .A30×40-60	70	2.2	DIN69871 .A50×22-60	40	4.0
DIN69871 .A40×16-60	32	1.2	DIN69871 .A50×27-60	48	4.2
DIN69871 .A40×22-60	40	1.3	DIN69871 .A50×32-60	58	4.5
DIN69871 .A40×27-60	48	1.4	DIN69871 .A50×40-60	70	4.8

1. 订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请标明AD/B型，如DIN69871.40AD/BX22-60。
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，订购时请注明精度。
1. When order please indicate the hilt the concrete form. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
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.

ZY-30052 数控R8变径套 R8 TAPER SLEEVES

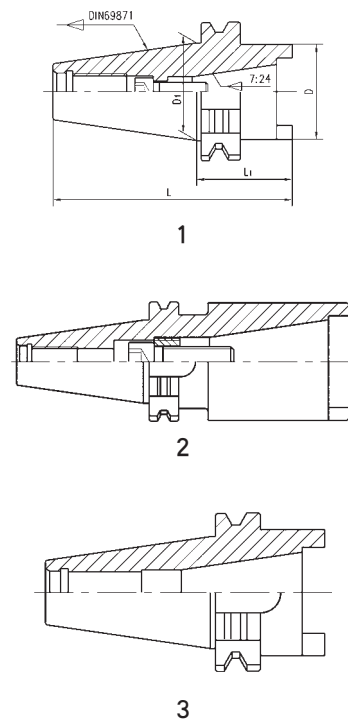


型号 Model No. BT X R8-L1	L	D	型号 Model No. BT X R8-L1	L	D
BT30×R8-115	163.4	31.75	BT40×R8-95	160.4	44.45
BT30×R8-135	183.4	31.75	BT40×R8-100	165.4	44.45
BT30×R8-150	198.4	31.75	BT40×R8-130	195.4	44.45
BT40×R8-75	140.4	44.45			



ZY-30054 数控7:24变径套 7:24 TAPER SLEEVES

ZY-30056 HSK (A型) ER铣刀柄 ER COLLET CHUCK



型号 Model No. DIN69871.AX7:24-L1	L	D	D1	示意图 Figure	型号 Model No. BTX7:24-L1	L	D	D1	示意图 Figure
DIN69871.A40×ISO30-50	127.4	50	44.45	3	BT40×ISO30-50	124.4	50	44.45	3
DIN69871.A40×ISO40-100	179.4	63	44.45	2	BT40×ISO40-100	176.4	63	44.45	2
DIN69871.A50×ISO30-50	160.75	50	69.85	1	BT50×ISO30-50	160.8	50	69.85	1
DIN69871.A50×ISO40-70	182.75	70	69.85	2	BT50×ISO40-70	182.8	70	69.85	2
DIN69871.A50×ISO50-120	235.75	97	69.85	2	BT50×ISO50-120	235.8	97	69.85	2

注：1. 示意图1所示的刀柄使用时需安装内六角螺钉

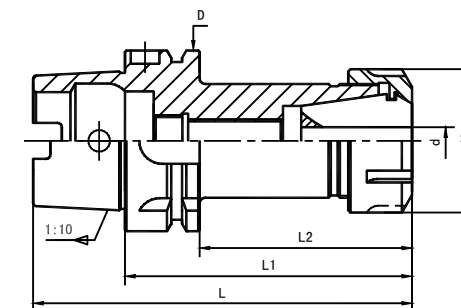
2. 示意图2所示的刀柄使用时需安装标准拉钉，订购时如需拉钉请注明

3. 示意图3所示的刀柄使用时需安装加长拉钉，订购时如需拉钉请注明

Note: 1. See figure 1, when the arbor being used, it is necessary to fix inner hex screw.

2. See figure 2, when the arbor being used, it is necessary to fix standard knob, please note when order it.

3. See figure 3, when the arbor being used, it is necessary to fix extension knob, please note when order it.

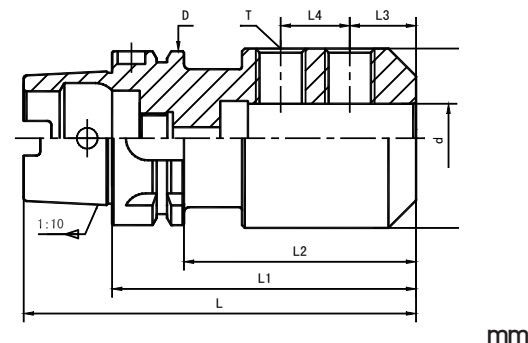


型号 Model No. HSK.AXER-L1	夹持范围 clamping range	L	L2	D	d1	T
HSK40AXER20-80	1-13	100	60	40	34	M10X1.5
HSK40AXER25-80	1-16	100	60	40	42	M10X1.5
HSK50AXER16-80	1-10	105	54	50	28	M10X1.5
HSK50AXER16-100	1-10	125	74	50	28	M10X1.5
HSK50AXER25-80	1-16	105	54	50	42	M16X2.0
HSK50AXER25-100	1-16	125	74	50	42	M16X2.0
HSK50AXER32-100	2-20	125	74	50	50	M16X2.0
HSK50AXER32-120	2-20	145	94	50	50	M16X2.0
HSK63AXER16-80	1-10	112	54	63	28	M10X1.5
HSK63AXER16-100	1-10	132	74	63	28	M10X1.5
HSK63AXER25-80	1-16	112	54	63	42	M16X2.0
HSK63AXER25-100	1-16	132	74	63	42	M16X2.0
HSK63AXER25-120	1-16	152	94	63	42	M16X2.0
HSK63AXER32-80	2-20	112	54	63	50	M16X2.0
HSK63AXER32-100	2-20	132	74	63	50	M16X2.0
HSK63AXER32-120	2-20	152	94	63	50	M16X2.0
HSK63AXER40-80	3-26	112	54	63	63	M20X2.0
HSK63AXER40-100	3-26	132	74	63	63	M20X2.0
HSK63AXER40-120	3-26	152	94	63	63	M20X2.0
HSK100AXER25-100	1-16	150	71	100	42	M16X2.0
HSK100AXER25-120	1-16	170	91	100	42	M16X2.0
HSK100AXER32-100	2-20	150	71	100	50	M16X2.0
HSK100AXER32-120	2-20	170	91	100	50	M16X2.0
HSK100AXER40-100	3-26	150	71	100	63	M20X2.0
HSK100AXER40-120	3-26	170	91	100	63	M20X2.0

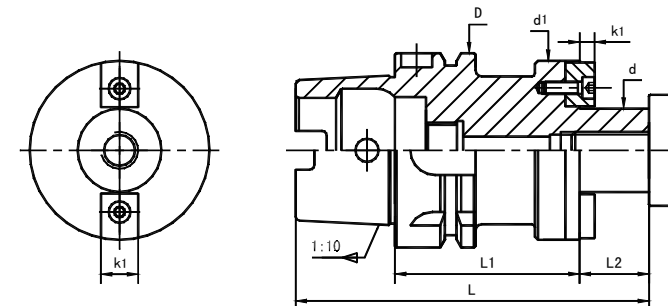


ZY-30058 HSK (A型) 立铣刀杆 END MILL HOLDER

ZY-30060 HSK (A型) 套式铣刀杆 SHELL END MILL HOLDER



型号 Model No.	L	L2	L3	L4	D	d1	T
HSK .AXd-L1							
HSK50AX6-65	90	39	18	—	50	25	M6X1.0
HSK50AX8-65	90	39	18	—	50	28	M8X1.25
HSK50AX10-65	90	39	20	—	50	35	M10X1.5
HSK50AX12-80	105	54	22.5	—	50	42	M12X1.75
HSK50AX14-80	105	54	22.5	—	50	44	M12X1.75
HSK50AX16-80	105	54	24	—	50	48	M14X2.0
HSK50AX18-80	105	54	24	—	50	50	M14X2.0
HSK50AX20-80	105	54	25	—	50	52	M16X2.0
HSK63AX6-65	97	39	18	—	63	25	M6X1.0
HSK63AX8-65	97	39	18	—	63	28	M8X1.25
HSK63AX10-65	97	39	20	—	63	35	M10X1.5
HSK63AX12-80	112	54	22.5	—	63	42	M12X1.75
HSK63AX14-80	112	54	22.5	—	63	44	M12X1.75
HSK63AX16-80	112	54	24	—	63	48	M14X2.0
HSK63AX18-80	112	54	24	—	63	50	M14X2.0
HSK63AX20-80	112	54	25	—	63	52	M16X2.0
HSK63AX25-110	142	84	24	25	63	65	M18X2.0
HSK63AX32-110	142	84	24	28	63	72	M20X2.0
HSK100AX6-80	130	51	18	—	100	25	M6X1.0
HSK100AX8-80	130	51	18	—	100	28	M8X1.25
HSK100AX10-80	130	51	20	—	100	35	M10X1.5
HSK100AX12-80	130	51	22.5	—	100	42	M12X1.75
HSK100AX14-80	130	51	22.5	—	100	44	M12X1.75
HSK100AX16-100	150	71	24	—	100	48	M14X2.0
HSK100AX18-100	150	71	24	—	100	50	M14X2.0
HSK100AX20-100	150	71	25	—	100	52	M16X2.0
HSK100AX25-100	150	71	24	25	100	65	M18X2.0
HSK100AX32-100	150	71	24	28	100	72	M20X2.0
HSK100AX40-100	150	71	30	32	100	90	M20X2.0



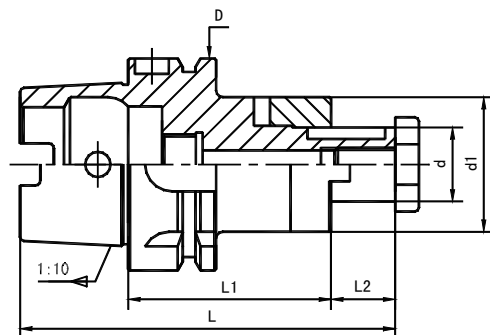
型号 Model No.	L	L2	D	d1	k1	k2
HSK .AXd-L1						
HSK40AX16-50	87	17	40	38	3.8	8
HSK40AX22-60	99	19	40	47	4.8	10
HSK40AX27-60	101	21	40	58	5.8	12
HSK40AX32-60	104	24	40	66	6.8	14
HSK50AX16-50	92	17	50	38	3.8	8
HSK50AX22-60	104	19	50	47	4.8	10
HSK50AX27-60	106	21	50	58	5.8	12
HSK50AX32-60	109	24	50	66	6.8	14
HSK63AX16-50	99	17	63	38	3.8	8
HSK63AX22-50	101	19	63	47	4.8	10
HSK63AX27-60	113	21	63	58	5.8	12
HSK63AX32-60	116	24	63	66	6.8	14
HSK63AX40-60	119	27	63	82	8.3	16
HSK100AX22-50	119	19	100	47	4.8	10
HSK100AX27-50	121	21	100	58	5.8	12
HSK100AX32-50	124	24	100	66	6.8	14
HSK100AX40-60	137	27	100	82	8.3	16
HSK100AX50-70	150	30	100	95	9.7	19



铣刀杆系列

MILLING ARBOR SERIES

ZY-30062 HSK (A型) 混合插入式铣刀杆 COMBI-SHELL END MILL HOLDER



型号 Model No.	L	L2	D	d1
HSK . AXd-L1				
HSK50AX16-50	92	17	50	32
HSK50AX22-50	94	19	50	40
HSK50AX27-65	111	21	50	48
HSK50AX32-65	114	24	50	58
HSK63AX16-60	109	17	63	32
HSK63AX22-60	111	19	63	40
HSK63AX27-60	113	21	63	48
HSK63AX32-60	116	24	63	58
HSK63AX40-70	129	27	63	70
HSK100AX22-60	127	17	100	32
HSK100AX27-60	129	19	100	40
HSK100AX32-60	131	21	100	48
HSK100AX40-60	134	24	100	58
HSK100AX50-70	147	27	100	70
HSK100AX50-80	160	30	100	90

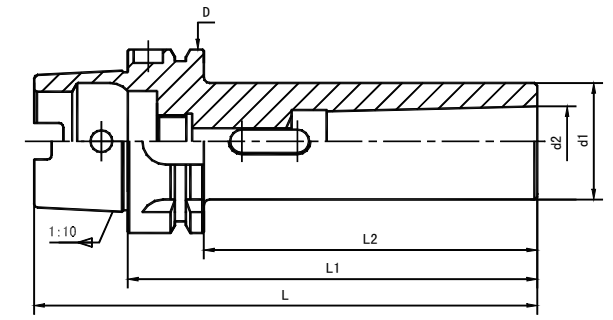
mm

铣刀杆系列

MILLING ARBOR SERIES



ZY-30064 HSK (A型) 变径套 MORSE TAPER ADAPTER



mm

型号 Model No.	L	L2	D	d1	d2
HSK . AXMS-L1					
HSK50AXMS1-100	125	74	50	25	12.065
HSK50AXMS2-120	145	94	50	32	17.780
HSK50AXMS3-140	165	114	50	40	23.825
HSK63AXMS1-100	132	74	63	25	12.065
HSK63AXMS2-120	152	94	63	32	17.780
HSK63AXMS3-140	172	114	63	40	23.825
HSK63AXMS4-160	192	134	63	48	31.267
HSK100AXMS1-110	160	81	100	25	12.065
HSK100AXMS2-120	170	91	100	32	17.780
HSK100AXMS3-150	200	121	100	40	23.825
HSK100AXMS4-170	220	141	100	48	31.267
HSK100AXMS5-200	250	171	100	63	44.399

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精密平口钳系列

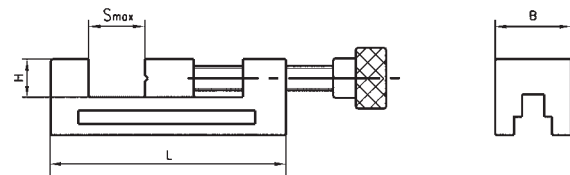
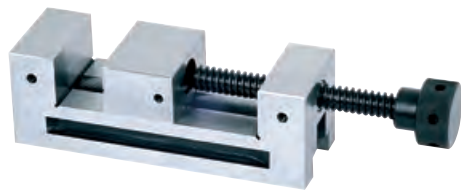
PRECISION VISE SERIES

精密工具平口钳 THE 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确度

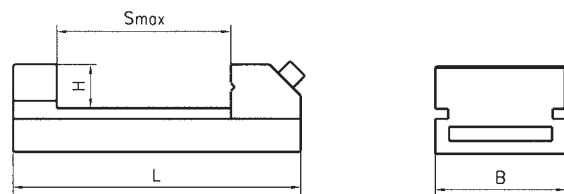
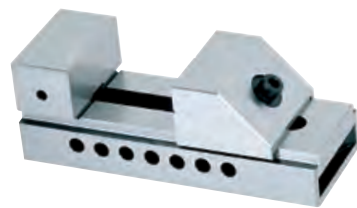
1. Made of high-quality alloy steel. The hardness of working surface reaches HRC58~62
2. Parallelism 0.005mm/100mm squareness 0.005mm
3. Quickly to clamp and easy to operate
4. Used for precision measurement and in spection precision grinding, EDM and wire-cutting machine
5. Guarantee high accuracy in any position

ZY-70002 QGG 系列精密工具平口钳 PRECISION TOOL VISES



型号 Model 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

ZY-70004 QKG 系列精密工具平口钳 PRECISION TOOL VISES

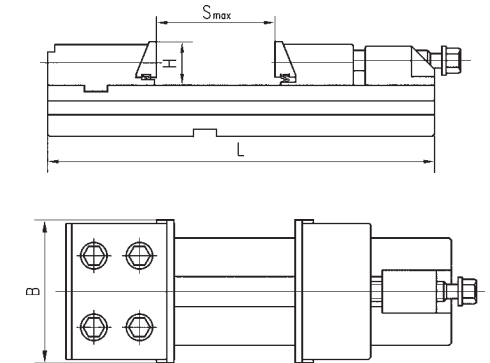
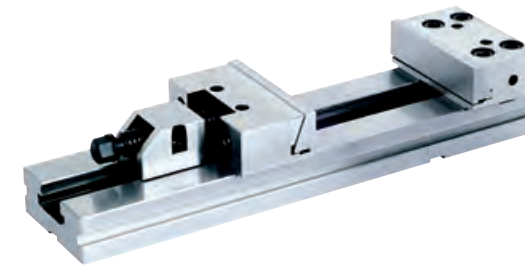


型号 Model No.	B mm	H mm	Smax mm	L mm	重量 Wt(kg)
QKG25	26	9.15	22	65.4	0.5
QKG36	36	20	40	100	1.2
QKG38	38	20	44	105	1.3
QKG50	50	25	65	140	2.0
QKG63	63	32	85	175	3.0
QKG73	73	35	100	190	4.1
QKG80	80	40	100	200	5.5
QKG88	88	40	125	235	7.3
QKG100	100	45	125	245	10.0
QKG125	125	50	160	285	18.0
QKG150	150	50	200	330	21.5
QKG150A	150	50	250	380	23.0
QKG150B	150	50	300	430	24.0

精密平口钳系列



ZY-70006 精密组合平口钳 PRECISION MODULAR VISES



型号 Model 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

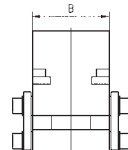
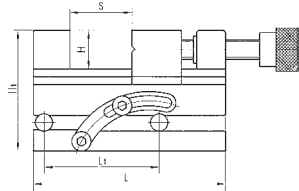


精密平口钳系列

PRECISION VISE SERIES

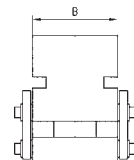
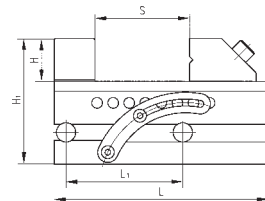
ZY-70008 ZXQGG 系列精密正弦工具平口钳 PRECISION SINE TOOL VISE

- 1. 采用优质合金结构钢制造，经热处理后精密磨削，平行度0.005mm/100mm，垂直度0.005mm
- 2. 利用正弦原理，可用于角度磨削等
- 1. Made of high-quality alloy steel, after heat, precision ground, parallelism 0.005mm/100mm, squareness 0.005mm
- 2. Available inspecting angles and processing workpieces with angle



型号 Model No.	B mm	H mm	H1 mm	Smax mm	L mm	L1		调整角度范围 Adjustable angle range
						mm	in	
ZXQGG50	50	25	86.6	60	140	100	4	0~45°
ZXQGG63	63	32	94.6	85	175		5	
ZXQGG73	73	35	111	90	190			
ZXQGG80	80	40	121	95	200			
ZXQGG88	88	40	125	120	235			
ZXQGG100	100	45	139.2	125	245		200	
ZXQGG125	125	50	154.2	160	285			
ZXQGG150	150	50	160.9	190	330	200	10	

ZY-70010 ZXQKG 系列精密正弦工具平口钳 PRECISION SINE TOOL VISE



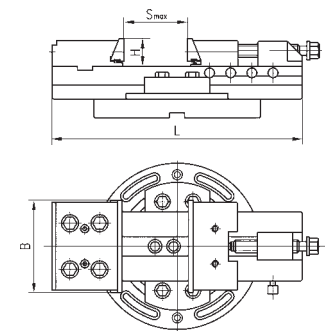
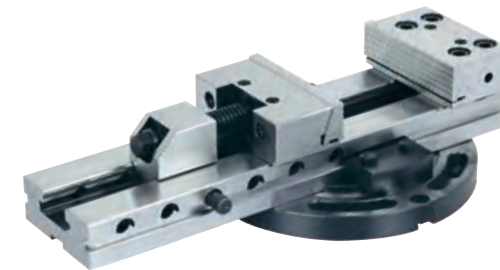
型号 Model No.	B mm	H mm	H1 mm	Smax mm	L mm	L1		调整角度范围 Adjustable angle range
						mm	in	
ZXQKG50	50	25	79.36	65	140	100	4	0~45°
ZXQKG63	63	32	92.36	85	175		5	
ZXQKG73	73	35	104	100	190			
ZXQKG80	80	40	117	100	200			
ZXQKG88	88	40	122	125	235			
ZXQKG100	100	45	134.08	125	245			
ZXQKG125	125	50	144.08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

精密平口钳系列

PRECISION VISE SERIES



ZY-70011 带底座快动式精密组合平口钳 QUICK ACTION PRECISION MODULAR VISES WITH SWIVEL BASE



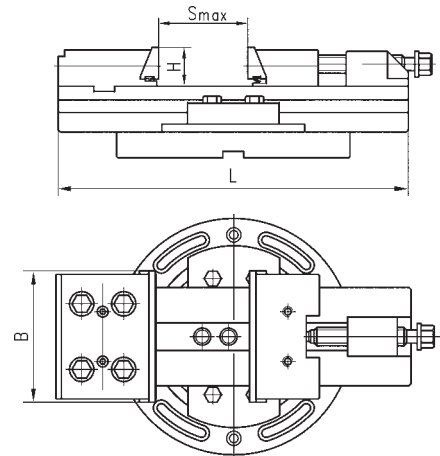
型号 Model No.	B mm	H mm	Smax mm	L mm	最大夹紧力(Kg) Clamping force
GT125-IV	125	40	150	345	3000
GT150A-IV	150	50	200	420	5000
GT150B-IV	150	50	300	520	5000
GT175C-IV	175	60	400	655	6000





ZY-70012 带底座精密组合平口钳

PRECISION MODULAR VISES WITH SWIVEL BASE

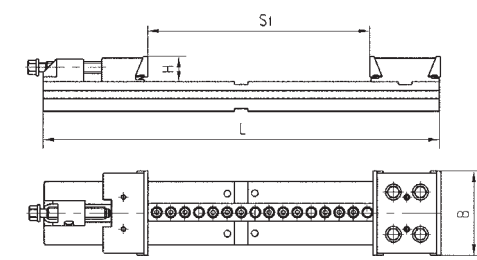


型号 Model No.	B mm	H mm	Smax mm	L mm	最大夹紧力(Kg) Clamping force
GT100- II	100	30	100	270	3000
GT125- II	125	40	150	345	3000
GT150A- II	150	50	200	420	5000
GT150B- II	150	50	300	520	5000
GT150C- II	150	50	400	620	5000
GT175A- II	175	60	200	455	6000
GT175B- II	175	60	300	555	6000
GT175C- II	175	60	400	655	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

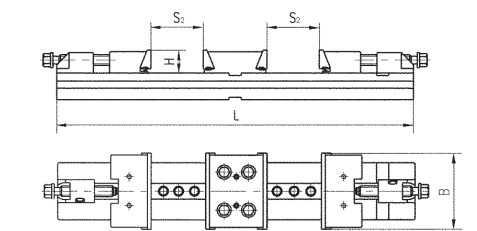
ZY-70016 ZY83型单、双向组合平口钳 SINGLE & DOUBLE ACTION VISES

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



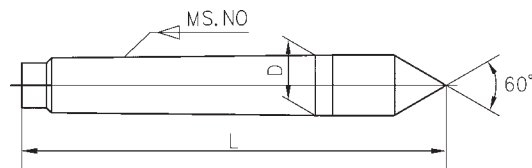
双向夹紧系列 Double opening



订单号 Order No.	S1 mm	订单号 Order No.	S2 mm	B mm	H mm	L mm
ZY700100	290	ZY700100(I)	2X90	100	30	460
ZY700125	320	ZY700125(I)	2X100	125	40	520
ZY700150	360	ZY700150(I)	2X110	150	50	580
ZY700150A	460	ZY700150A(I)	2X160	150	50	680
ZY700175	400	ZY700175(I)	2X120	175	60	666
ZY700175A	500	ZY700175A(I)	2X170	175	60	766
ZY700175B	600	ZY700175B(I)	2X220	175	60	866
ZY700175C	700	ZY700175C(I)	2X270	175	60	966
ZY700200	500	ZY700200(I)	2X150	200	65	805
ZY700200A	600	ZY700200A(I)	2X200	200	65	905
ZY700200B	700	ZY700200B(I)	2X250	200	65	1005
ZY700200C	800	ZY700200C(I)	2X300	200	65	1105
ZY700200D	900	ZY700200D(I)	2X350	200	65	1205

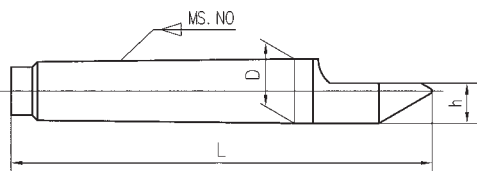


ZY-40002 固定顶尖 DEAD CENTER



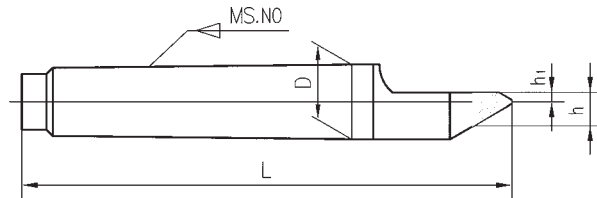
型号 Model No.	MS.NO.	D mm	L mm	重量 Wt(kg)	精度 Accuracy (mm)
DG1	MS1	12.065	80	0.057	0.010
DG2	MS2	17.780	100	0.150	
DG3	MS3	23.825	125	0.334	
DG4	MS4	31.267	160	0.746	
DG5	MS5	44.399	200	1.862	
DG6	MS6	63.348	270	4.925	
DG7	MS7	83.061	360	8.620	

ZY-40004 半缺顶尖 HALF-NOTCHED CENTER



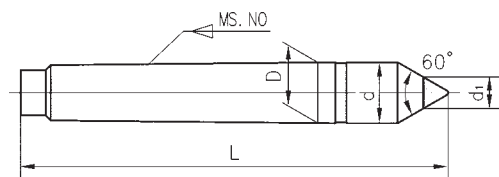
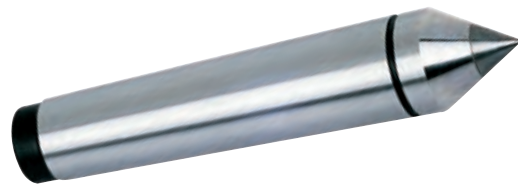
型号 Model No.	MS.NO.	D mm	h mm	L mm	重量 Wt(kg)	精度 Accuracy (mm)
DH1	MS1	12.065	7.6	80	0.057	0.010
DH2	MS2	17.780	11	100	0.150	
DH3	MS3	23.825	15.05	125	0.334	
DH4	MS4	31.267	20.8	160	0.746	
DH5	MS5	44.399	29.35	200	1.862	
DH6	MS6	63.348	41.9	270	4.925	
DH7	MS7	83.061	53.78	360	8.620	

ZY-40006 硬质合金半缺顶尖 CARBIDE HALF-NOTCHED CENTER



型号 Model 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	

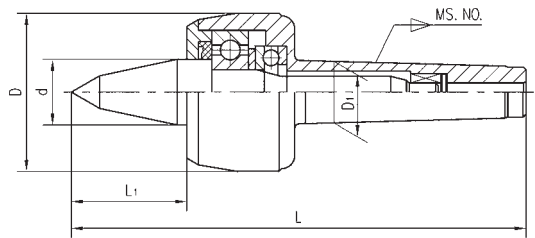
ZY-40008 硬质合金顶尖 CARBIDE CENTER



型号 Model 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	

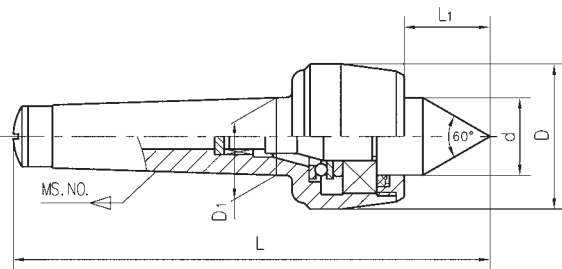


ZY-40010 M11 型精密回转顶尖 PRECISION LIVE CENTER



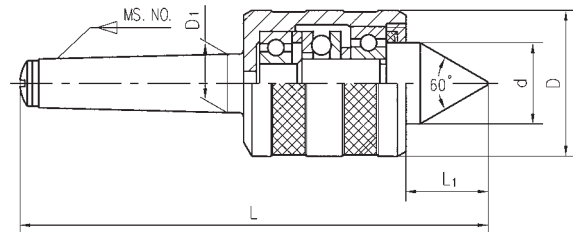
型号 Model No.	MS. NO.	L mm	D mm	L1 mm	d mm	D1 mm	最大载荷(kg) Max Load	极限转速(rpm) Max Speed	精度(mm) Accuracy
M11/101	MS1	124	36	27	15	12.065	80	7000	0.01
M11/102	MS2	139	45	34	20	17.780	140	7000	0.005
M11/106	MS3	176.5	60	47	25	23.825	400	5000	0.005
M11/108	MS4	217	70	53	32	31.267	500	3800	0.005
M11/110	MS5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

ZY-40012 精密轻型回转顶尖 PRECISION LIGHT-DUTY LIVE CENTER



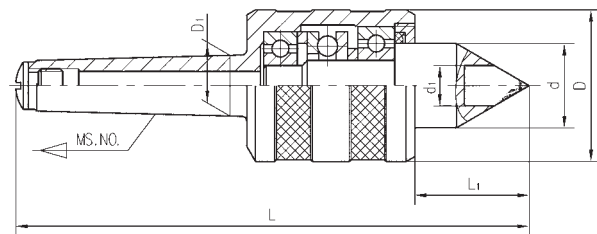
型号 Model No.	MS. NO.	L mm	D mm	L1 mm	d mm	D1 mm	径向载荷(N) Max Radial Load	极限转速(rpm) Max Speed	精度(mm) Accuracy
DM311	MS1	115	34	20.3	18	12.065	320	5000	0.005
DM312	MS2	129.6	45	28.6	25	17.780	400	5000	0.006
DM313	MS3	161.7	52	32.5	28	23.825	800	4500	0.006
DM314	MS4	191.7	60	36.5	32	31.267	1250	3500	0.006
DM315	MS5	244.5	80	50.8	45	44.399	1500	3000	0.006
DM316	MS6	350.5	130	74.8	75	63.348	1800	2500	0.006
DM317	MS7	423.5	130	74.8	75	83.061	2200	2000	0.006

ZY-40014 中型回转顶尖 MEDIUM-DUTY LIVE CENTER



型号 Model 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

ZY-40016 硬质合金中型回转顶尖 CARBIDE MEDIUM-DUTY LIVE CENTER



型号 Model 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



顶尖系列

CENTER SERIES

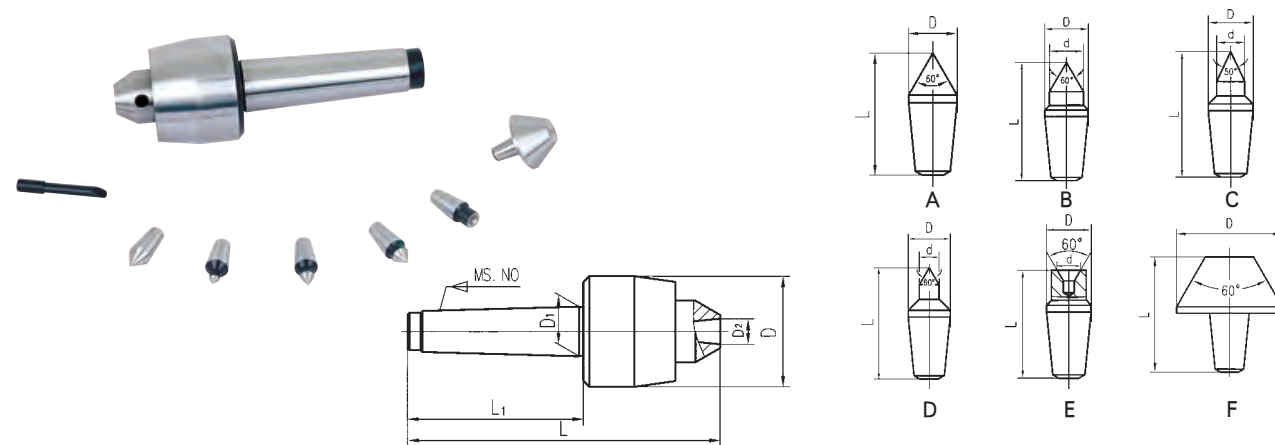
顶尖系列

CENTER SERIES



ZY-40018 高速插入式回转顶尖

HIGH-SPEED MEDIUM-DUTY MULTI-PURPOSE LIVE CENTER



型号 Model No.	MS.NO.	D mm			D1 mm			L1 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		

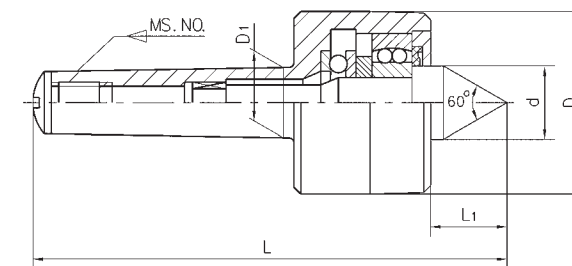
MS.NO.	A		B			C			D			E			F	
	L	D	L	D	d	L	D	d	L	D	d	L	D	d	L	D
2	26	10.2	28.5	10.2	8	29	10.2	6.5	27.5	10.2	5	25	10.2	8	30	28
3	32	12.75	35	12.75	10	36	12.75	8	34	12.75	6	31	12.75	10	37	34
4																
5	39	15.7	44	15.7	12	45	15.7	10	42	15.7	8	43	15.7	12	48	40

ZY-40020 中型回转顶尖(加长型) MEDIUM-DUTY LIVE CENTER(EXTENDED)



型号 Model No.	MS.NO.	L1 mm	D mm	D1 mm	D2 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

ZY-40022 精密重型回转顶尖 PRECISION HEAVY LIVE CENTER



型号 Model 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	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

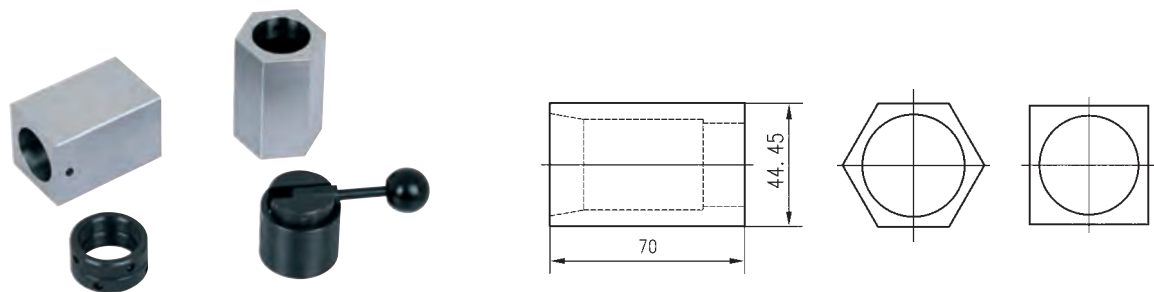
Let all the world
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分度头系列

INDEX FIXTURE SERIES

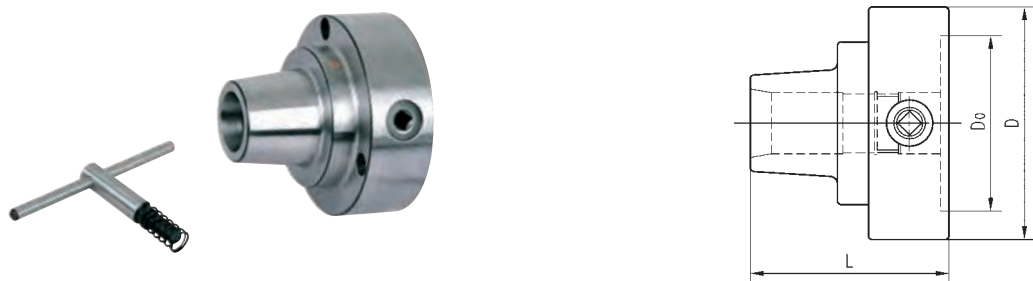
ZY-50002 5C 四六方套 5C COLLET BLOCK SET



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	
快速夹紧用手柄 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

ZY-50004 5C 夹具 5C FIXTURE



型号 Model No.		3911-125-5C-00	
夹持范围 Clamping rang	Round 圆孔	1~28mm	3/64"~1-1/8"
	Square 四方孔	3~19mm	1/8"~3/4"
	Hex 六方孔	3~22mm	1/8"~7/8"
D (mm)		126	
D0 (mm)		95	
L (mm)		107.2	
重量 Wt(kg)		4.5	

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

分度头系列

INDEX FIXTURE SERIES



ZY-50006 PF70/5C 简易分度头 PF70/5C SPIN INDEX



型号 Model No.	PF70/5C
中心高 Height of centre	70mm 2-3/4"
主轴锥面径向圆跳动 Radial run-out of spindle outer taper	0.010mm 0.0004"
主轴中心孔径向圆跳动(距主轴端25mm/0.98"处) Radil run-out of center hole(measured from spindle nose 25mm/0.98")	0.03mm 0.0012"
主轴中心线对底面的平行度 Parallelism of centre line of spindle to base surface	0.02mm 0.0008"
单个间隔分度精度 Individual spacing dividing accuracy	±4'

本分度头可以单独使用,也可以与PF70/5C顶尖配套使用(需单独订货)。
This unit can be used separately or to complete a set with PF70/5C type centre(purchased specially)

ZY-50008 PF100B/5C 立卧等分分度头 PF100B/5C HORIZONTAL VERTICAL COLLET INDEX

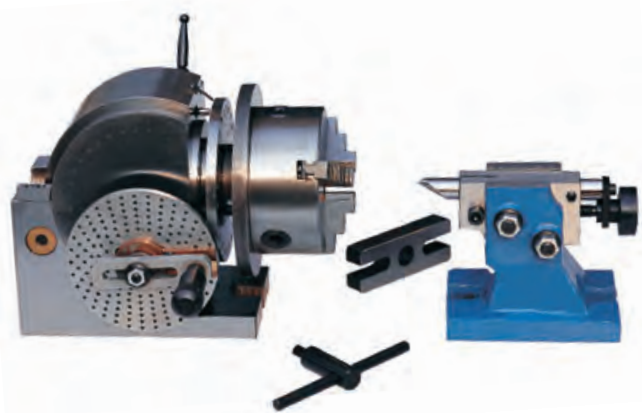


型号 Model No.	PF100B/5C
中心高 Height of centre	100mm 3-15/16"
主轴头螺纹 Thread of spindle nose	2.25"-8
主轴中心孔径向圆跳动(距主轴端25mm/0.98"处) Radial run-out of center hole of spindle(measured from spindle nose 25mm/0.98")	0.02mm 0.0008"
主轴轴肩支承面的端面跳动 End surface run out of the spindle's support shoulder	0.01mm 0.0004"
主轴中心线对底面的平行度 Parallelism of centre line of spindle to base surface	0.02mm 0.0008"
单个间隔分度误差 Dividing accuracy individual spacing error	±3'

1. 可进行2、3、4、6、8、12、24等分分度,在水平和垂直方向上操作有很大优点,且体积小,重量轻,坚固耐用。
2. 本分度头可单独使用,也可与PF100顶尖配合使用(需单独订货)。
1. With indexing specifications of 2, 3, 4, 6, 8, 12 and 24 indexes. It has operational and vertical applications and has such unique properties as smaller dimension lighter in weight, durable high strength.
2. This unit can be used singly also can complete with PF100 center(purchased specially).

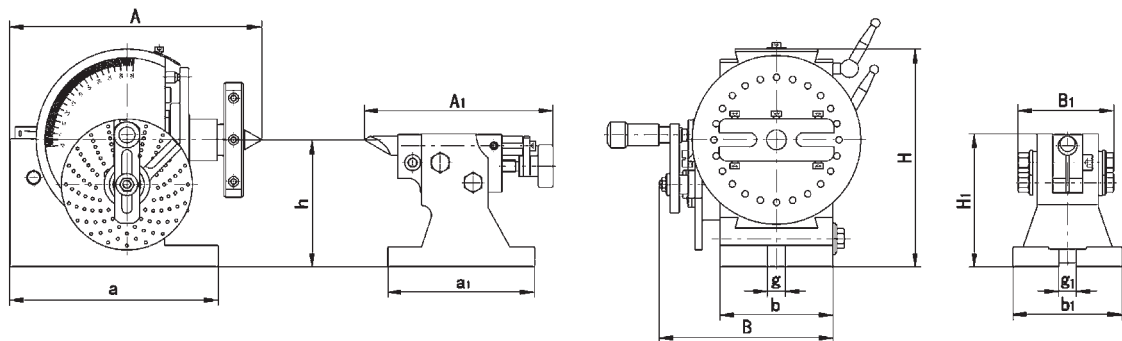


ZY-500010 F12型万能分度头 SEMI-UNIVERSAL DIVIDING HEAD



半万能分度头是简易的分度中心，可进行直接、间接的分度，完成面、槽、齿的加工，不需配件，但整体结构与万能分度头相同。直接分度的能过24孔等分分度盘可以进行2、3、4、6、8、12和24等分分度，通过3个间接分度盘可进行2~50等分及51~380不确定数字分度。

Semi-Universal dividing head is a simple type of universal index center and can be used for direct and indirect dividing. No accessories for the differential dividing and spiral work are included, but the whole construction of the dividing head is identical with the universal type. The direct index plate of 24 holes allows the direct dividing in 2, 3, 4, 6, 8, 12 and 24 three plates in the standard accessories make the indirect dividing possible in any number from 2 to 50 and in certain numbers up to 380.



分度头 SEMI-UNIVERSAL DIVIDING HEAD

型号 Model No.	A	B	H	h	a	b	g	主轴锥孔 Spindle hole	三爪卡盘 Chuck	重量(kg) N.W
F12100	193	131	173	100	166	90	16	MS3	100	21
F12128	254	175	200	128	210	114	16	MS4	130	36

尾座顶尖 TAIL-STOCK

型号 Model No.	A1	B1	H1	h	a1	b1	g1
F12100	193	131	173	100	166	90	16
F12128	254	175	220	128	210	114	16

3种分度盘分度孔数 Number of holes dividing plate A,B,C

Plate A	15	16	17	18	19	20
Plate B	21	23	27	29	31	33
Plate C	37	39	41	43	47	49

ZY-5A001 五合一钻头研磨机 Five unity Drill Re-sharpener

型号Model: F1-20



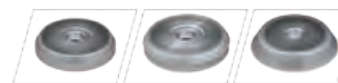
产品功能及特点

Product advantages

1. 可研磨 $\Phi 3-\Phi 20$ 的普通麻花钻，也可以研磨中心钻；
2. 可研磨 $\Phi 4-\Phi 20$ 的沉孔钻；
3. 可研磨 $\Phi 4-\Phi 20$ 的薄板钻；
4. 可研磨 $\Phi 4-\Phi 20$ 的周氏麻花钻；
5. 操作简单，研磨后钻头中心点精准，钻孔效率高，使用寿命长。

Applicable to twist drills ($\Phi 3-\Phi 20$) and center drills re-sharpening.Applicable to $\Phi 4-\Phi 20$ plate drills and counter bore drills re-sharpening.Applicable to $\Phi 4-\Phi 20$ Zhou drills re-sharpening.

Easy to handle, High precision, normatively re-sharpening.

标准麻花钻
Twist drills周氏麻花钻
Zhou drills沉孔钻
Counter bore drills中心钻
Center drills薄板钻
Plate drills

设备参数 Product Parameter

型 号	F1-20			
研磨钻头类型	标准麻花钻	周氏麻花钻	薄板钻	沉孔钻
适用钻头直径	$\Phi 3 \sim \Phi 20$	$\Phi 4 \sim \Phi 20$	$\Phi 4 \sim \Phi 20$	$\Phi 4 \sim \Phi 20$
先端角（顶角）范围	$90^\circ \sim 150^\circ$	$90^\circ \sim 150^\circ$	$170^\circ \sim 180^\circ$	$170^\circ \sim 180^\circ$
后角研磨范围	$0^\circ \sim 12^\circ$	$0^\circ \sim 12^\circ$	$0^\circ \sim 12^\circ$	$0^\circ \sim 12^\circ$
砂轮型号	D20CBN150	F1CBN150B1	F1CBN150B1	F1CBN150C1
电源	220V + 10% AC			
马达输出功率	250W			
转速	5000 rpm			
设备外型尺寸	350X160X180(mm)			
设备重量	20KG			
标准附件	弹簧筒夹 $\Phi 3.5 \sim \Phi 20$ mm(18pcs)、六角扳手2.5mm*1pcs, 5mm*1pcs、夹头组*2组、控制器1个			



ZY-5A002 钻头研磨机系列 Drill Re-sharpening Machine

型号Model:

DRM-13(Φ3-Φ13)

DRM-20(Φ3-Φ20)

DRM-50(Φ13-Φ50)



砂轮说明:

SDC砂轮专用于研磨硬质合金刀具, CBN砂轮专用于研磨高速钢刀具

Grinding wheel: SDC wheels used for tungsten carbide tools, CBN wheels used for high-speed steel tools.

产品功能及特点

Product advantages

- 1.可研磨硬质合金及高速钢麻花钻头;
- 2.研磨钻头部位为切削刃、横刃及后角;
- 3.操作简单,任何人都能在20秒内完成研磨;
- 4.研磨后钻头中心点精准,钻孔效率高,使用寿命长;
- 5.可根据材料不同,调节顶角角度(90°-150°)、后角角度(0°-12°)以及横刃宽度;
- 6.研磨钻头长短不限。

- 1.Applicable to tungsten carbide and high-speed steel drills re-sharpening.
- 2.Grind rear inclined angle, cutting edge and chisel edge.
- 3.Easy to handle, grind one piece need no more than 20 seconds.
- 4.High precision, normatively re-sharpening.
- 5.Apex angle can be adjusted from 90° to 150°, rear inclined angle from 0° to 12° according to materials to be processed.
- 6.Length of drill to be grinded has no limitation.

ZY-5A004 铣刀研磨机系列 End mill Re-sharpening Machine



ERM-12



ERM-12A



ERM-20



ERM-32



ERM-12H



ERM-20H

征宇端铣刀研磨机和传统端铣刀研磨机的区别

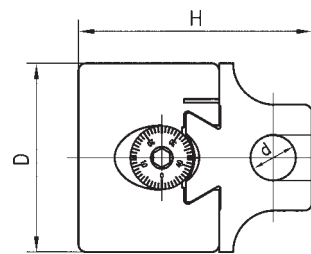
对比项目	征宇端铣刀研磨机	传统端铣刀研磨机
对刀装置	简单快捷, 刀刃清晰可见, 对刀方便。	看不到刀刃, 无法根据磨损情况调整刀刃方向。
研磨精度	研磨精度在0.01mm以内, 完全达到新刀标准。	研磨精度较低, 影响加工效率和效果。
研磨后刀尖锋利程度	可以根据加工材料不同, 调整研磨后的刀尖的锋利程度, 提升寿命和切削效率、加工精度。	无法调整研磨后的刀尖锋利程度。
研磨后铣刀寿命	研磨后刃宽与新刀一致、刀尖等高, 使用寿命长。	不同直径铣刀研磨后刃宽都一样, 刀尖高度偏差较大。
研磨效率	一片砂轮可实现不同规格刀具研磨, 研磨效率高。	需更换砂轮来实现不同规格刀具研磨, 研磨效率低。
配件可靠性	专用无刷电机保修两年, 实际使用寿命可达2万小时。夹套及研磨口均采用40Cr材料淬火后精加工, 正常后期不需更换。	电机使用寿命一般不超过2千小时, 购买机器1-2年需更换新电机。采用弹簧夹头, 易生锈和损坏, 后期需另行购买。



镗头系列

BORING HEADS SERIES

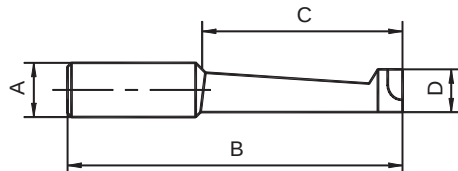
ZY-60002 F1 型镗刀柄 TYPE F1 BORING HEADS



型号 Model No.	D mm	H mm	最大位移 Max offset	刀杆直径d Boring bor dia	最小刻度值 Min graduation	镗削直径 Dia of Bring
F1-1/2	50	61.6	5/8"	1/2"	0.0005"	3/8"-5"
F1-3/4	75	80.2	1"	3/4"		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

ZY-60004 合金镗刀杆 CARBIDE TIPPED BORING BARS



A=1/2" 柄Shank

型号 Model No.		B mm	C mm	D mm
铸铁 Case Iron	钢件 Steel			
375-1212	375-1216	2-1/4	3/4	5/16
375-1222	375-1226	2-5/8	1-1/8	5/16
375-1232	375-1236	3	1-1/2	5/16
375-1242	375-1246	2-5/8	1-1/8	7/16
375-1252	375-1256	3-3/16	1-11/16	7/16
375-1262	375-1266	3-3/4	2-1/4	7/16
375-1272	375-1276	3	1-1/2	9/16
375-1282	375-1286	3-3/4	2-1/4	9/16
375-1292	375-1296	4-1/2	3	9/16
375-1202	375-1206	以上9件套木托 9 Piece set of above \ wooden stand		
375-1302	375-1306	以上9件套塑托 9 Piece set of above \ plastic stand		

A=12mm 柄Shank

型号 Model No.		B mm	C mm	D mm
铸铁 Case Iron	钢件 Steel			
375-3212	375-3216	57.15	19	7.9
375-3222	375-3226	66.6	28.5	7.9
375-3232	375-3236	76.2	38.1	7.9
375-3242	375-3246	66.6	28.5	11.1
375-3252	375-3256	80.9	42.8	11.1
375-3262	375-3266	95.2	57.15	11.1
375-3272	375-3276	76.2	38.1	13
375-3282	375-3286	95.2	57.15	13
375-3292	375-3296	114.3	76.2	13
375-3202	375-3206	以上9件套木托 9 Piece set of above \ wooden stand		
375-3302	375-3306	以上9件套塑托 9 Piece set of above \ plastic stand		

镗头系列

BORING HEADS SERIES



A=3/4" 柄Shank

型号 Model No.		B mm	C mm	D mm
铸铁 Case Iron	钢件 Steel			
375-1612	375-1616	3-1/8	1-1/8	7/16
375-1622	375-1626	3-11/16	1-11/16	7/16
375-1632	375-1636	4-1/4	2-1/4	7/16
375-1642	375-1646	3-1/2	1-1/2	9/16
375-1652	375-1656	4-1/4	2-1/4	9/16
375-1662	375-1666	5	3	9/16
375-1672	375-1676	3-7/8	1-7/8	11/16
375-1682	375-1686	4-13/16	2-13/16	11/16
375-1692	375-1696	5-3/4	3-3/4	11/16
375-1702	375-1706	4-1/4	2-1/4	13/16
375-1712	375-1716	5-3/8	3-3/8	13/16
375-1722	375-1726	6-1/2	4-1/2	13/16
375-1602	375-1606	以上12件套木托 12 Piece set of above \ wooden stand		
375-1732	375-1736	以上12件套塑托 12 Piece set of above \ plastic stand		

A=1" 柄Shank

型号 Model No.		B mm	C mm	D mm
铸铁 Case Iron	钢件 Steel			
375-1812	375-1816	5	3	9/16
375-1822	375-1826	5-3/4	3-3/4	11/16
375-1832	375-1836	6-1/2	4-1/2	7/8
375-1842	375-1846	6-1/2	4-1/2	1-1/16
375-1852	375-1856	7-3/4	5-3/4	1-1/4
375-1862	375-1866	8-1/4	6-1/4	1-1/12
375-1872	375-1876	9-1/2	7-1/2	1-5/8
375-1802	375-1806	以上7件套木托 7 Piece set of above \ wooden stand		
375-1804	375-1808	以上7件套塑托 7 Piece set of above \ plastic stand		

A=18mm 柄Shank

型号 Model No.		B mm	C mm	D mm
铸铁 Case Iron	钢件 Steel			
375-3524	375-3528	3-1/8	1-1/8	7/16
375-3534	375-3538	3-11/16	1-11/16	7/16
375-3544	375-3548	4-1/4	2-1/4	7/16
375-3554	375-3558	3-1/2	1-1/2	9/16
375-3564	375-3568	4-1/4	2-1/4	9/16
375-3574	375-3578	5	3	9/16
375-3584	375-3588	3-7/8	1-7/8	11/16
375-3594	375-3598	4-13/16	2-13/16	11/16
375-3614	375-3618	5-3/4	3-3/4	11/16
375-3624	375-3628	4-1/4	2-1/4	13/16
375-3634	375-3638	5-3/8	3-3/8	13/16
375-3644	375-3648	6-1/2	4-1/2	13/16
375-3504	375-3508	以上12件套木托 12 Piece set of above \ wooden stand		
375-3514	375-3518	以上12件套塑托 12 Piece set of above \ plastic stand		

A=25mm 柄Shank

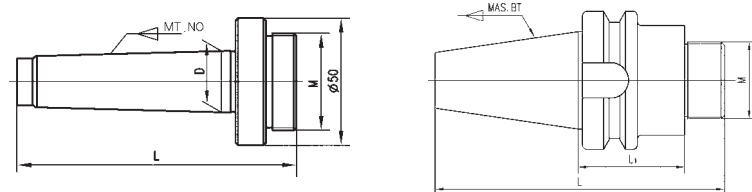
型号 Model No.		B mm	C mm	D mm
铸铁 Case Iron	钢件 Steel			
375-3732	375-3736	127	76.2	14.8
375-3742	375-3746	146	95.2	18
375-3752	375-3756	165	114.3	22.7
375-3762	375-3766	165	114.3	27.5
375-3772	375-3776	196.9	146.1	31.75
375-3782	375-3786	209.6	158.8	38.6
375-3792	375-3796	241.3	190.5	41.8
375-4002	375-4006	以上7件套木托 7 Piece set of above \ wooden stand		
375-5002	375-5006	以上7件套塑托 7 Piece set of above \ plastic stand		



镗头系列

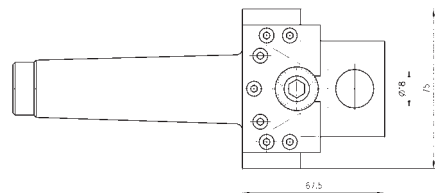
BORING HEADS SERIES

ZY-60006 F1 型镗刀柄 F1 BORING SHANK



型号 Model No.	柄部 Shank	L(mm)	螺纹 M	型号 Model No.	柄部 Shank	L(mm)	螺纹 M
F1-MT2-M	MT2	93	7/8" -20 1-1/2" -18	F1-32-M	32	117	7/8" -20 1-1/2" -18
F1-MT3-M	MT3	110		F1-40-M	40	117	
F1-MT4-M	MT4	133		F1-5/8-M	5/8"	97	
F1-MT5-M	MT5	160		F1-3/4-M	3/4"	112	
F1-MT6-M	MT6	214		F1-7/8-M	7/8"	127	
F1-R8-M	R8	128		F1-1-M	1"	137	
F1-NT30-M	NT30	102		F1-1-1/4-M	1-1/4"	167	
F1-NT40-M	NT40	135		F1-1-1/2-M	1-1/2"	197	
F1-NT50-M	NT50	168		F1-1-3/4-M	1-3/4"	227	
F1-16-M	16	117		BT40XM-45	BT40	122.4	
F1-20-M	20	117		DIN69871.40XM-40	DIN69871.40	120.4	
F1-25-M	25	117		CAT40XM-50	CAT40	130	

ZY-60008 F1A-18 型精密镗头 PRECISION BORING HEAD



型号 Model	最大镗削直径 Max.boring diameter	夹持孔径 Boring bar hole size	微进给每格进给量 Fine feed per graduation	滑塊最大行程 Max.stroke of slide block
F1A-18	160mm	18mm	0.02mm	25mm

型号 Model No.	规格 Specification	型号 Model No.	规格 Specification	型号 Model No.	规格 Specification
F1A-18-R8	7/16" X20UNF	F1A-18-MW6	M24	F1A-18-MS6	舌尾型 tanged
F1A-18-MW3	M12	F1A-18-MS3	舌尾型 tanged	F1A-18-30	M12
F1A-18-MW4	M16	F1A-18-MS4	舌尾型 tanged	F1A-18-40	M16
F1A-18-MW5	M20	F1A-18-MS5	舌尾型 tanged	F1A-18-50	M24

平行块系列

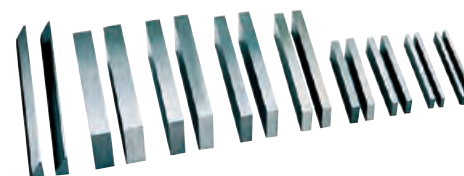
PARALLEL BLOCK SERIES



ZY-80002 PB161 型平行块 PRECISION PARALLEL BLOCK

1. 硬度: HRC55~62
2. 精度: ±0.01mm
3. 平行度: 0.005mm

1. Hardness HRC55~62
2. Accuracy 0.01mm
3. Parallelism 0.005mm



型号 Model No.	规格 L×W×H	件数 Pcs
PB161	100×5×16, 100×6×18, 100×8×24, 100×10×30, 150×12×36, 150×14×48, 150×18×60, 150×22×62, 200×31×15×2.5(30°)	9×2

ZY-80004 PB150 型平行块 PRECISION PARALLEL BLOCK

1. 硬度: HRC55~62
2. 精度: 0.01mm
3. 平行度: 0.005mm

1. Hardness HRC55~62
2. Accuracy 0.01mm
3. Parallelism 0.005mm

型号 Model No.	规格 L×W×H	件数 Pcs
PB150-1	150×10×14(16, 18, 20, 22, 24, 26, 28, 30, 32, 35, 40, 45, 50)	14×2
PB150-2	150×8×14(16, 18, 20, 22, 24, 26, 28, 30, 32, 35, 40, 45, 50)	14×2
PB150-3	80×4×14(16, 18, 20, 22, 24, 26, 28, 30, 32, 35, 40, 45, 50)	14×2
PB150-4	200×10×14(16, 18, 20, 22, 24, 26, 28, 30, 32, 35, 40, 45, 50)	14×2



ZY-80006 PB151 型平行块 PRECISION PARALLEL BLOCK

1. 硬度: HRC55~62
2. 精度: 0.01mm
3. 平行度: 0.005mm

1. Hardness HRC55~62
2. Accuracy 0.01mm
3. Parallelism 0.005mm



型号 Model No.	规格 L×W×H	件数 Pcs
PB151-1	100×4×10(14, 18, 22, 26, 30, 34, 38, 42,)	9×2
PB151-2	160×4×10(14, 18, 22, 26, 30, 34, 38, 42,)	9×2
PB151-3	150×8.5×14(16, 20, 24, 30, 32, 36, 40, 44)	9×2
PB151-4	150×10×14(16, 20, 24, 30, 32, 36, 40, 44)	9×2



平行块系列

PARALLEL BLOCK SERIES

ZY-80008 PB153 型平行块 PRECISION PARALLEL BLOCK

1. 硬度: HRC56~62
2. 精度: 0.01mm
3. 平行度: 0.005mm

1. Hardness: HRC56~62
2. Accuracy: 0.01mm
3. Parallelism: 0.005mm



型号 Model No.	规格 L×W×H	件数 Pcs
PB153-1	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)	
PB153-2	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)	

ZY-80010 PB154 型平行块 PRECISION PARALLEL BLOCK

1. 硬度: HRC55~62
2. 精度: 0.01mm
3. 平行度: 0.005mm

1. Hardness: HRC55~62
2. Accuracy: 0.01mm
3. Parallelism: 0.005mm



型号 Model No.	规格 L×W×H	件数 Pcs
PB154-1	150×8×16 (18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50)	18×2
PB154-2	150×8×17 (19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51)	18×2

ZY-80012 PB155 型平行块 PRECISION PARALLEL BLOCK

1. 硬度: HRC55~62
2. 精度: 0.01mm
3. 平行度: 0.005mm

1. Hardness: HRC55~62
2. Accuracy: 0.01mm
3. Parallelism: 0.005mm



型号 Model No.	规格 L×W×H	件数 Pcs
PB155-1	120×10×14 (16, 18, 20, 22, 24, 26, 28, 30, 32, 35, 40)	12×2
PB155-2	150×10×14 (16, 18, 20, 22, 24, 26, 28, 30, 32, 35, 40)	12×2

巡边器系列

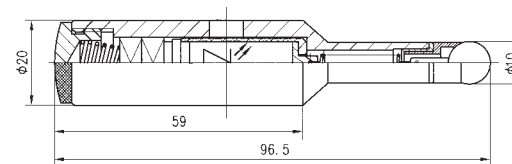
EDGE FINDER SERIES



ZY-90002 光电式巡边器 ELECTRONIC EDGE FINDER

1. 接触时发光显示
2. 选用优质合金钢制造
3. 淬火并精密磨削
4. 同轴度0.01mm

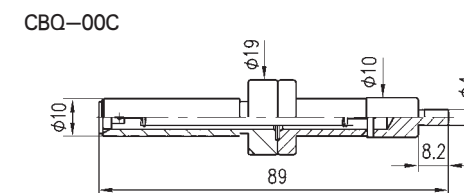
1. Touch point LED indication
2. Manufactured from high quality alloy steel
3. Hardened and precision ground
4. Concentricity 0.01mm



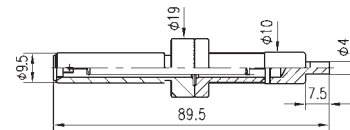
ZY-90004 偏心式巡边器 MECHANICAL EDGE FINDER

1. 用于圆弧面, 平面的找正定位
2. 选用优质钢制造
3. 使用方便
4. 找正准确, 迅速
5. 同轴度0.005mm

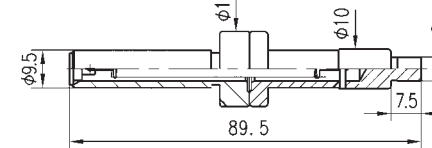
1. Mechanical edge finder for quick and easy location of round or flat work
2. Manufactured from high quality steel
3. Easy to use
4. Quick and accurate
5. Concentricity 0.005mm



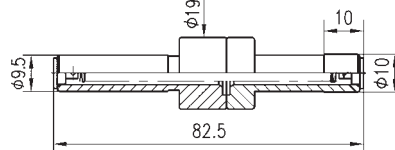
CBQ-00A



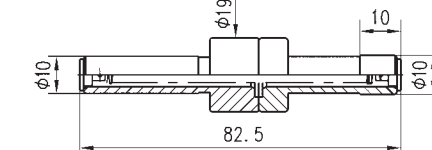
CBQ-00D



CBQ-00B

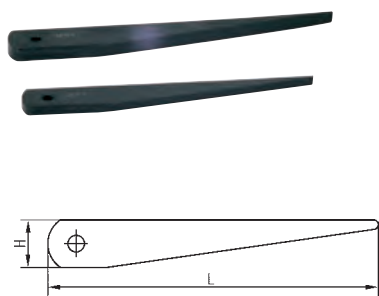


CBQ-00E





ZY-100002 DIN317 拆卸楔铁 MORSE SHANK PULLER



型号 Model No.	MT.NO	L (mm)	H (mm)
DIN317/0	MT0	90	12
DIN317/1-2	MT1 MT2	140	20
DIN317/3	MT3	190	25
DIN317/4	MT4	225	30
DIN317/5-6	MT5 MT6	265	35

ZY-100004 DIN318 半自动楔铁 HALF AUTOMATIC MORSE SHANK PULLER



型号 Model No.	MT.NO			总长 Overall Length
DIN318/1-3	MT1	MT2	MT3	317
DIN318/4-6	MT4	MT5	MT6	380

该装置可方便地拆卸扁尾莫氏锥柄，操作快捷，省时省力

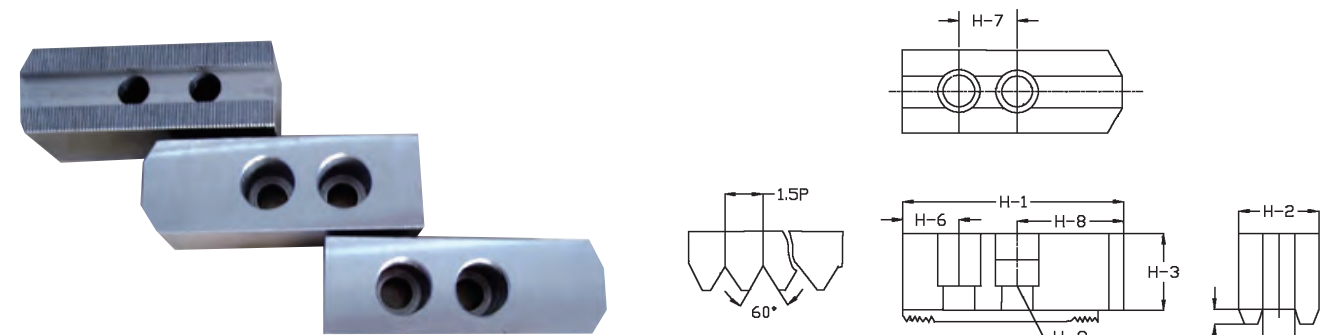
The morse shank can easy to be pulled off by the half-automatic morse shank puller. Operation quickly,saving time and pressure

ZY-100006 刀柄锁刀座 VERTICAL HORIZONTAL TOOL HOLDER DEVICE



型 号 Model No.	刀柄锥度 Taper of Tool Holder	外形尺寸 Outsize (mm)	重量 Weight (kg)
LD-BT30	BT30	205 × 98.5 × 128	3.70
LD-BT40	BT40	205 × 98.5 × 128	3.80
LD-BT50	BT50	275 × 150 × 198	11.40
LD-DT30	DIN69871.30	205 × 98.5 × 128	3.70
LD-DT40	DIN69871.40	205 × 98.5 × 128	3.80
LD-DT50	DIN69871.50	275 × 150 × 198	11.40
LD-CAT30	CAT30	205 × 98.5 × 128	3.70
LD-CAT40	CAT40	205 × 98.5 × 128	3.80
LD-CAT50	CAT50	275 × 150 × 198	11.40

ZY-100008 油压软爪 HYDRAULIC SOFT CLAWS



规格/尺寸 MODELS/DIMENSION	长 h-1	宽 h-2	高 h-3	键槽宽 h-4	键槽深 h-5	h-6	中心孔距 h-7	h-8	螺丝 h-9	锯齿状节距 h-10
CS05	62	25	30	10	4	10	14	38	M8	1.5 × 60°
CS06	73	31	36	12	5	15	20	38	M10	1.5 × 60°
CS08	95	35	38	14	5	24	25	46	M12	1.5 × 60°
CS10	110	40	42	16	5	30	30	50	M12	1.5 × 60°
CS12(中空)	129	50	50	21	6	39	30	60	M16	1.5 × 60°
CS12S(中实)	129	50	50	18	6	39	30	60	M14	1.5 × 60°
CS15(中空)	165	62	62	22	8	37	43	85	M20	1.5 × 60°
CS12S(中实)	165	62	62	25.5	5.3	37	43	85	M20	1.5 × 60°



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