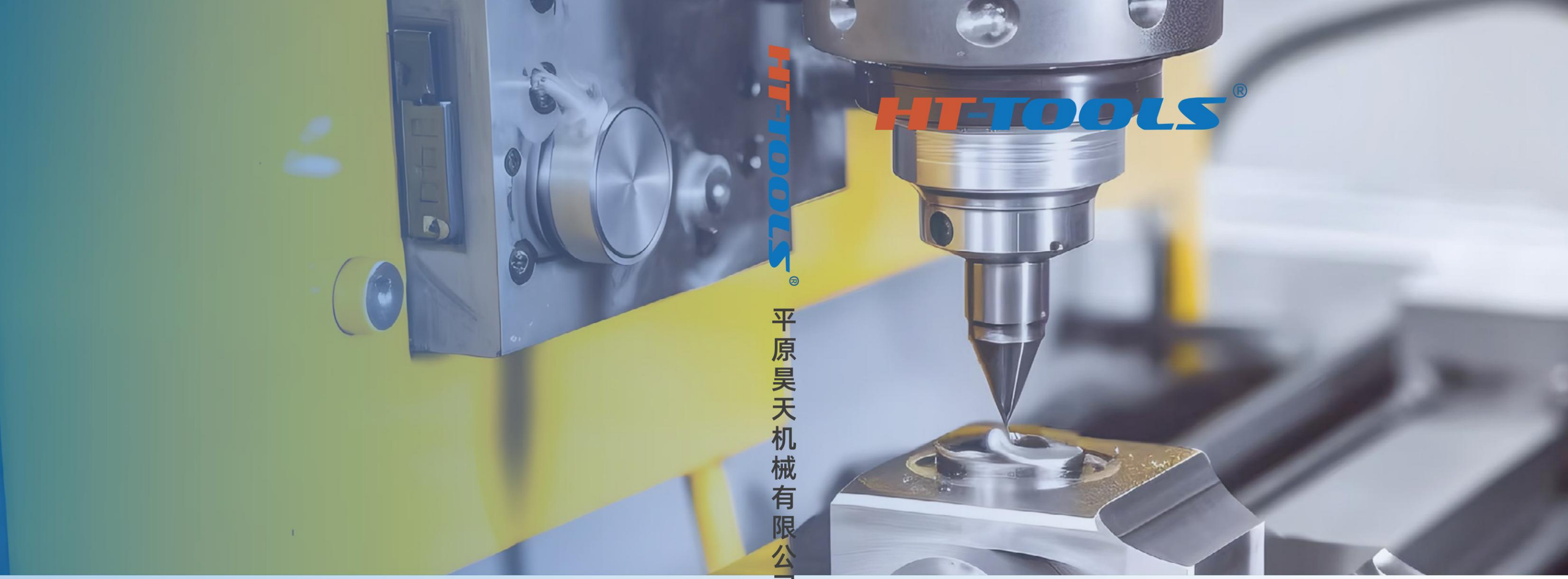


平原昊天机械有限公司(德州昊天进出口有限公司)2025版

HT-TOOLS®

平原昊天机械有限公司
(德州昊天进出口有限公司)

Pingyuan Haotian Machinery Co.,Ltd
(Dezhou Haotian Imp &Exp Co.,Ltd)

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平原昊天机械有限公司(德州昊天进出口有限公司)

Pingyuan Haotian Machinery Co.,Ltd(Dezhou Haotian Imp &Exp Co.,Ltd)



UDEM

MACHINERY DIRECTIVE
ATTESTATION OF CONFORMITY

Technical file of the company mentioned below has been inspected and audit has been completed successfully.

2006/42/EC Machinery Directive Annex VIII has been taken as reference for these processes.

Company Name : **Dezhou Haotian Imp And Exp Co., Ltd.**

Company Address : 7,Lixin West Street ,Pingyuan County, Dezhou City, Shandong Province, China

Related Directives and Annex : **2006/42/EC Machinery Directive/Annex VIII**

Related Standards : **EN ISO 12100:2010; EN ISO 11148-6:2012**

Product Name : **Tool holders**

Report No and Date : NO.ICP-240926-0071

Product Brand/Model/Type : Collet series, Collet Chuck, Multi-Spanner, Drill Chuck Series, Boring Head Series, Sleeves Series, Drill Chuck Arbors, Adaptor Series, Center Series, Quick Change Tool Post Series, Precision Vise Series, Parallel Block Series, Chuck Series, Edge Finder Series, Turning Tools Series, End Mill Series, Cartridge Hydraulic Series, Quick Screws, Tapping Chuck series, DIN6388 Hv Tool Holder Series, Cutting Tool Series, Measuring Tool Series, Work Table Series, RC Cutter Fixture Series, QAG Tool Series, Other Accessory Series, Holders Fixture Series

Certificate Number : **M.2024.306.C107402**

Initial Assessment Date : 06.09.2024

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Revised Date :

Valid Date : **07.10.2029**

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UDEM

ABOUT US
关于我们

2003年

公司成立
Company established

平原县昊天机械有限公司（德州市昊天进出口有限公司）是一家深耕机床附件领域的厂家，拥有20多年的生产和外贸销售经验，以优良的品质、高效的服务赢得了业界的广泛赞誉。

工厂位于中国山东省平原县经济开发区，占地9000平方米，配备现代化生产设备与先进工艺，生产车间布局合理、流程科学，保障各环节高效运转。

产品涵盖弹簧夹头、钻夹头、数控刀柄、车刀、拉钉、压帽、扳手、平口钳、平行块等各类机床附件，远销德国、英国、意大利、土耳其、美国、加拿大、墨西哥、巴西、俄罗斯等 60 多个国家和地区，广泛应用于机床、通用机械、航空航天、汽车制造、模具制造、医疗等领域。

产品设计与制造严格遵循国际标准，以高精度、高转速、高寿命、高性价比为基本要求，确保卓越品质与可靠性能。研发团队持续创新，紧跟市场趋势，为客户提供个性化定制服务，满足特殊需求。

未来，公司将不断提升产品质量与服务水平，与全球客户携手共创美好未来。

Pingyuan Haotian Machinery Co., Ltd. (Dezhou Haotian Import & Export Co., Ltd.) is a factory deeply rooted in the machine tool accessories field. With over 20 years of production and foreign trade sales experience, it has won wide acclaim in the industry for its excellent quality and efficient service.

Located in Pingyuan Economic Development Zone, Shandong Province, China, our 9,000 ㎡ facility features modern production machinery and advanced technology. The well-organized workshop ensures efficient operations at every stage.

Our diverse product range includes spring collets, drill chucks, CNC tool holders, turning holder, retention knobs, nuts, wrenches, precision vises, parallel blocks, and other machine tool accessories. Exported to over 60 countries (e.g., Germany, the UK, the USA, Russia), our products serve industries like machine tools, aerospace, automotive, and medical equipment.

Designed and manufactured to international standards, our products feature high precision, speed, durability, and cost-effectiveness. Our R&D team innovates continuously to offer customized solutions tailored to clients' specific needs.

Looking ahead, we remain committed to enhancing product quality and service, striving to create a shared future with global partners.

研发
R and D

生产
Produce

销售
Sale

目录 CATALOGUE

筒夹 Collet

ER筒夹	ER collet	09
ERS筒夹	ERS collet	10
ERC筒夹	ERC collet	10
ERG攻丝筒夹	ERG tapping collet	11
ERH筒夹	ERH collet	12
DIN6388A EOC筒夹	DIN6388A EOC collet	13
DIN6388B EOC筒夹	DIN6388B EOC collet	13
SK筒夹	SK collet	14
5C筒夹	5C collet	14
R8筒夹	R8 collet	15
DA筒夹	DA collet	16
SDC筒夹	SDC collet	16
ER铣夹头套装	ER milling chuck set	17
ER筒夹套装	ER collet set	18
DIN6343夹紧筒夹	DIN6343 clamping collets	19
C型直柄筒夹	Straight shank collets	20
液压夹头	High precision hydraulic collets	20
锥度筒夹	Taper collets	21
ER压帽	ER clamping nut	22
EOC压帽	EOC clamping nut	23
EOC扳手	EOC wrench	23
莫氏锥柄铣夹头体	Morse taper collet chuck	24
M型直柄铣夹头体	M Type Straight shank collet chuck	25
直柄铣夹头体	Straight shank collet chuck	26

钻夹头系列 Drill Chuck Series

扳手钻夹头	Key type drill chuck	29
锥孔自紧式钻夹头	Keyless drill chuck with taper	30
螺纹孔自紧式钻夹头	Keyless drill chuck with thread	31
直结式自紧钻夹头	Direct-keyless drill chuck	32
一体式钻夹头	Solid drill chuck	33

镗头系列 Boring Head Series

F1镗头	F1 boring head	36
F1型镗刀柄	F1 boring shank	37
合金镗刀杆	Carbide boring Bar	38
NBJ16微调精镗组合	NBJ16 micro boring system	39
NBH2084微调精密镗头	NBH2084 micro boring head	40

顶尖系列 Live Center

固定顶尖	Dead center	43
半缺顶尖	Half-notched center	43
硬质合金半缺顶尖	Carbide half-notched center	44
硬质合金顶尖	Carbide center	44
伞型顶尖	Bull nose center	45
M11型精密回转顶尖	M11 precision live center	45
精密轻型回转顶尖	Precision light-duty live center	46
精密重型回转顶尖	Precision heavy live center	46
中型回转顶尖	Medium-duty live center	47
中型回转顶尖（加长型）	Medium-duty live center(Extended)	47
604H型精密回转顶尖	604H precision live center	48
插入式回转顶尖	Medium-duty multipurpose live center	49
高速插入式回转顶尖	High-speed medium-duty multi-purpose live center	50

平口钳系列 Vise Series

QGG精密平口钳	QGG Precision tool vises	53
QKG系列精密平口钳	QKG Precision tool vises	54
精密组合平口钳	Precision modular vises	55
快动式精密组合平口钳	Quick action precision modular vises	56
ZQ80型立卧组合平口钳	ZQ80 Precision horizontal vertical vises	57
ZQ83型单、双组合平口钳	ZQ83 Single&double action vises	58
QW万向可倾平口钳	QW Universal tilting vises	59
QM型精密机用平口钳	QM Accu-lock precision machine vises	59
QH机床平口钳	QH Machine vises	60
QHK型可倾式机用平口钳	QHK Declinable machine vises	60
MC油压角固式虎钳	MC Hydraulic&angle lock vise	61
JMC机械倍力虎钳	JMC Mechanical(Universal)power vise	62

平行块 Parallel Block Series

PB150 平行块	PB150 parallel block	65
PB151 平行块	PB151 parallel block	65
PB153 平行块	PB153 parallel block	65
PB154 平行块	PB154 parallel block	66
PB155 平行块	PB155 parallel block	66
PB161 平行块	PB161 parallel block	66

卡盘系列 Chuck Series

K11系列自定心三爪卡盘	K11-3-Jaw self-centring chuck	69
K12系列四爪自动心卡盘	K12-4-Jaw self-centring chuck	70
K72系列四爪单动卡盘	K72-4-Jaw independent chuck	71
自定心四爪卡盘	4-Jaw self-centering chuck	72
精密三爪卡盘	Precision 3-Jaw chuck	73

快换刀架 Quick Change Tool Post Series

美式快换刀架	Quick change tool posts(USA style)	77
欧式快换刀架	Quick change tool posts(EUROPE style)	82
意式快换刀架	Quick change tool posts(ITALY style)	86
英式快换刀架	Quick change tool posts(US style)	90

数控工具系列CNC Tool Holder

BBT/BT	BBT/BT	95
ISO-ER	ISO-ER	110
HSK	HSK	111
DIN69871	DIN69871	127
CAT	CAT	136
DIN2080.NT	DIN2080.NT	141
铣刀杆	Mill arbors	148
钻接杆	Drill chuck arbors	157

数控刀夹系列 VDI NC Tool Holder Series

B型刀夹	Type B tool holder	167
C型刀夹	Type C tool holder	171
E型刀夹	Type E tool holder	173
F型刀夹	Type F tool holder	177
BMT刀座	BMT tool holder	178

分度头 Dividing Head

BS半万能分度头	BS semi-universal dividing head	185
BS-2万能分度头	BS-2 universal dividing head	186
F11万能分度头	F11 universal dividing head	187
F12半万能分度头	F12 semi-universal dividing head	189

工作台系列 Rotary Table

TSK手动可倾回转工作台	TSK Manual tilting rotary table	193
TSL立卧回转工作台	TSL Vertical&horizontal rotary table	194
TSK可倾回转工作台	TSK Manual Tilting rotary table	195
卧式回转工作台	Horizontal rotary table	196

刀套The Conversion Tool Set

车刀转换套	The conversion tool set1	199
弹性车刀转换套	The conversion tool set2	199
出水车刀转换套	The conversion tool set3	200
车刀转换套	The conversion tool set4	200
莫氏车刀转换套	Morse bit conversion set	201

数控工具系列 CNC Tool Systems

夹具组	Clamping kit	204
拉钉	Retention knob	205
锁刀座	Tool holder device	207
巡边器	Edge finder	208
Z轴设定器	Z-AXIS zero setter	209
ER扳手	ER spanner	210
SK扳手	SK spanner	211
楔铁	Shank puller	211

攻丝夹头 Tapping Chuck

J41型攻丝夹头	J41 tapping chuck	214
J43型攻丝夹头	J43 tapping chuck	215
J45型攻丝夹头	J45 tapping chuck	216
J46型攻丝夹头	J46 tapping chuck	218
J52型攻丝夹头	J52 tapping chuck	219
J390型快换夹头	J390 quick change chuck	220
J391型快换夹头	J391 quick change chuck	220

铣刀系列 Endmill Series

NOR-4刃平底/圆鼻铣刀	NOR-4 fluted flat bottom/round nose milling cutter	223
NOR-2刃球头铣刀	NOR-2-flute ball end milling cutter	224
GEN-4刃平底/圆鼻铣刀	GEN-4 fluted flat bottom/round nose milling cutter	225
GEN-2刃球头铣刀	GEN-2 flute ball end milling cutter	226
SUS-4刃平底铣刀(不锈钢专用)	SUS-4 flat-bottomed milling cutter (for stainless steel)	227
SUS-2刃球头铣刀(不锈钢专用)	SUS-2 flute ball end milling cutter (for stainless steel)	228
TUS-4刃/5刃平底铣刀(钛合金专用)	TUS-4 flute/5 flute flat bottom milling cutter (for titanium alloy)	229
TUS-4刃球头铣刀(钛合金专用)	TUS-4 flute ball end milling cutter (for titanium alloy)	230

冲子成型器 PUNCH FORMER

双向冲子成型器	Punch former(two-way)	233
单向冲子成型器	Punch former(one-way)	234
三爪冲子成型器	3-Jaws punch former	235
ER冲子成型器	ER collet punch former	235

量具系列 Measuring Tool Series

Ⅱ型游标卡尺	Vernier caliper(type Ⅱ)	238
Ⅱ型整体游标卡尺	Mono-block vernier caliper(type Ⅱ)	239
高精度数显卡尺	High precision digital caliper	240
绝对原点数显卡尺	Absolute digital caliper	241
IP54防溅水数显卡尺	Ip54 splash-proof digital caliper	242
Ⅱ型数显卡尺	Digital caliper(type Ⅱ)	243
金属罩壳数显卡尺1	Metal housing digital caliper1	244
金属罩壳数显卡尺2	Metal housing digital caliper2	245
超大屏数显卡尺	Big LCD digital caliper	245
外径千分尺	Outside micrometer	246
外径千分尺套装	Outside micrometer set	247
微米外径千分尺	Outside micrometer	248
两点内测千分尺	Inside micrometer	249

百分表系列 Dial Indicators

千分表	Dial micron indicators	252
普通百分表	Dial indicators	253
杠杆百分表	Dial test indicators	254
杠杆千分表	Micron dial test indicator	255
内径百分表	Dial bore gauges	256

车刀刀片系列 Turning Tools Series

外圆车刀	External turning tools	259
内孔车刀	Internal hole turning tools	284
螺纹车刀	Thread turning tools	287
切槽断刀	Grooving turning tools	291
CNC刀片	CNC Turning inserts	303

高质量筒夹产品系列
High quality collet product series









ER筒夹
ER COLLET

HT-0001

产品属性
Product Attributes

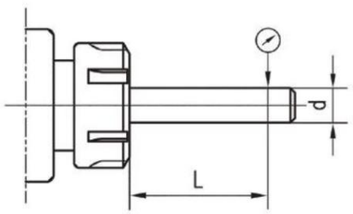
- 产品名称: ER弹簧筒夹
- 材质: 65Mn
- 精度: 0.005毫米, 0.008毫米, 0.015毫米

- Product Name:ER Spring Collet
- Material:65Mn
- Accuracy:0.005mm,0.008mm,0.015mm

技术参数
Technical Parameter

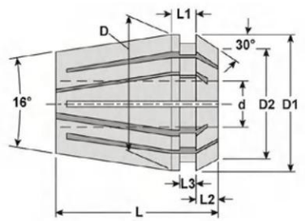
型号Model	d H7	D	D1	D2	L	L1	L2	L3	Collapsible capacity
ER8	≥1.0-5.0	8	8.45	6.5	13.5	2.98	1.5	1.2	0.5
ER11	≥1.0-7.0	11	11.5	9.5	18.0	3.8	2.5	2.0	0.5
ER16	≥1.0-2.5	16	17	13.8	27.5	6.26	4.0	2.7	0.5
	>2.5-10.0	16	17	13.8	27.5	6.26	4.0	2.7	1.0
ER20	≥1.0-2.5	20	21	17.4	31.5	6.36	4.8	2.8	0.5
	>2.5-13.0	20	21	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

D	L	Run out tolerance	
		I	II
1.0-1.6	6.00	0.010	0.015
>1.6-3.0	10.00	0.010	0.015
>3.0-6.0	16.00	0.010	0.015
>6.0-10.0	25.00	0.010	0.015
>10.0-18.0	40.00	0.015	0.020
>18.0-26.0	50.00	0.015	0.020
>26.0-30.0	60.00	0.015	
>30.0-34.0	80.00	0.020	0.030



精度检测Inspection of Accuracy





ERS筒夹
ERS COLLET

HT-0002

产品属性
Product Attributes

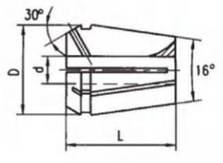
- 产品名称: ERS注水筒夹
- 硬度: HRC44-48
- 精度: 0.015mm

- Products name:ERS sealed coolant collet
- Hardness:HRC44-48
- Accuracy:0.015mm

技术参数
Technical Parameter

订单号Order No.	D	L	d
ER16S-d	16.74	27.5	2-10
ER20S-d	20.74	31.5	2-13
ER25S-d	25.74	34	2-16
ER32S-d	32.74	40	2-20
ER40S-d	40.74	46	3-26





ERC筒夹
ERC COLLET

HT-0003

产品属性
Product Attributes

- 产品名称: ERC止水筒夹
- 材料: 65Mn
- 标准: DIN6499B

- Product Name:ERC coolant collet with rubber
- Material:65Mn
- Standard:DIN6499B

技术参数
Technical Parameter

Order No.	Numerical aperture(mm)	D	L	d
ER16C	3-7	16.74	27.5	3-8
ER20C	3-9	20.74	31.5	3-9
ER25C	3-14	25.74	34	3-15
ER32C	3-20	32.74	40	3-20
ER40C	3-26	40.74	46	3-26



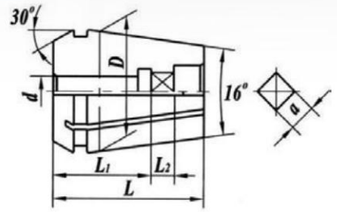
ERG攻丝筒夹
ERG TAPPING COLLET

HT-0004

产品属性
Product Attributes

- 材料:65 Mn
- 硬度:HRC44-48
- Material:65Mn
- Hardness:HRC44-48





技术参数
Technical Parameter

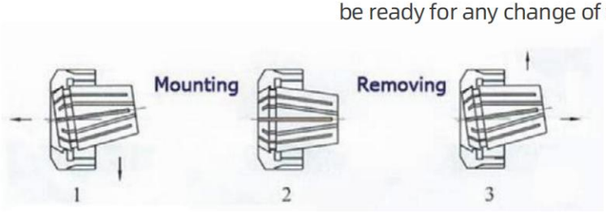
订单号Order No.	D	L	d
ER16G-d	16	27.5	3.5-8
ER20G-d	20	31.5	3.5-10
ER25G-d	25	34	3.5-16
ER32G-d	32	40	3.5-20
ER40G-d	40	46	3.5-25

dxa					
3.5×2.7	4.0×3.0	4.5×3.4	5.5×4.3	6.0×4.9	7.0×5.5
8.0×6.2	9.0×7.0	10×8.0	11×9.0	12×9.0	14×11
16×12	18×14.5	20×16	22×18	25×20	

压帽与夹头的安装
Mounting instruction for ER collets and nuts

- 将夹头放入螺母中，轻轻转动夹头，沿夹头所提供的方向均匀地将其推入螺母中。
- 将螺母和夹头固定在主轴上，旋转螺母，直到夹头处于压紧状态。擦拭刀具的直柄，将其插入导孔中，用扳手拧紧螺母，直到刀具被牢牢夹紧（注意：不要在没有刀具的情况下拧紧螺母，因为它会断裂）。
- 更换刀具时，松开螺母，将夹头和刀具一起取出，然后将刀具拉出，沿所提供的方向轻轻推出夹头，即可更换刀具。

- Put the collet into the nut, turn the collet slightly, push it into the nut at the offered direction evenly, when the offset flange into the undercut of the collet.
- Fix the nut and the collet on the spindle rotate the nut until the collet is in pressing.wipe the straight shank of cutter, and insert it into the pilot hole, Tighten the nut with a wrench until the cutter is clamped heavily (Caution: never tighten the nut without cutter in it for it will break).
- When changing the tool, Loosen the nut and it shall bring out the collet and the cutter together, and then draw the cutter out push out slightly the collet in the offered direction, it shall be ready for any change of the cutter.



ERH筒夹
ERH COLLET

HT-0005

产品属性
Product Attributes

- 材料: SUJ2
- 硬度: HRC44-48
- 利用沟槽差异，达到周围止水，仅中心出水的功能。
- 适用于夹持有出水孔的道具；可承受水压 7Mpa；非标准孔可订制。

- Material:SUJ2
- Hardness:HRC44-48
- Differences in the use of grooves to reach around the sealing,center water feature only applies to folders to hold the water hole tool;
- Can with stand water pressure 7Mpa;Non-standard holes can be customized.

技术参数
Technical Parameter

型号Model No.	d	Range	D	D1	L	L1
ER11H	3-7	0.1	11	11.5	18	3.8
ER16H	3-6	0.1	16	17	27.5	6.26
	6-10	0.5	16	17	27.5	6.26
ER20H	3-6	0.1	20	21	31.5	6.36
	6-13	0.5	20	21	31.5	6.36
ER25H	3-6	0.1	25	26	34	6.66
	6-16	0.5	25	26	34	6.66
ER32H	3-8	0.1	32	33	40	7.16
	8-20	0.5	32	33	40	7.16
ER40H	4-10	0.1	40	41	46	7.66
	10-26	0.5	40	41	46	7.66
ER50H	12-24	0.5	50	52	60	12.6



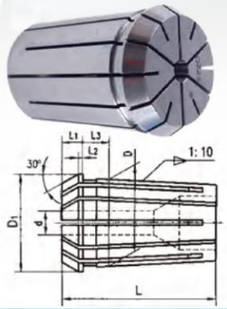
DIN6388A EOC筒夹
DIN6388A EOC COLLET

HT-0006

产品属性
Product Attributes

- 材料: 65Mn
- 精度: 0.015毫米
- 硬度: HRC44-48

- Material:65Mn
- Accuracy:0.015mm
- Hardness:HRC44-48



技术参数
Technical Parameter

订单号Order No.	D	D1	d	L	L1	L2	L3
EOC6A	10	11.5	1-6	21	3.5	0.5	4
EOC8A	12.65	14.5	1-8	26	4	0.8	4.5
EOC10A	15.15	17.2	1-10	30	4.5	0.8	4.5
EOC12A	17.75	19.8	1-12	34	5	1.1	4.5
EOC16A	22.65	25.5	2-16	40	5.5	1.2	5.5
EOC20A	27.4	29.8	2-20	45	6	1.35	6
EOC25A	32.9	35.05	2-25	52	6	1.4	6
EOC32A	41.3	43.7	4-32	60	6	1.45	7
EOC40A	49.7	52.2	6-40	68	6	1.45	8
EOC50A	61.1	63.8	8-50	80	7	1.55	9

h11 Clamp workpiece or tooling shank tolerance h11

DIN6388B EOC筒夹
DIN6388B EOC COLLET

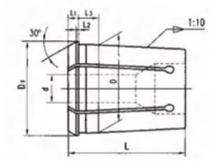
HT-0007

产品属性
Product Attributes

- 材料: 65Mn
- 精度: 0.015毫米
- 硬度: HRC44-48
- 最大夹紧范围: 0.5mm

- Material:65Mn
- Accuracy:0.015mm
- Hardness:HRC44-48
- Max clamping range:0.5mm





技术参数
Technical Parameter

订单号Order No.	D	D1	d	L	L1	L2	L3
EOC16B	22.65	25.5	2-16	40	5.5	1.2	9.5
E0C20B	27.4	29.8	2-20	45	6	1.35	10
E0C25B	32 9	35.05	2-25	52	6	1.4	10
E0C32B	41.3	43.7	4-32	60	6	1.45	11
EOC40B	49.7	52.2	6-40	68	6	1.45	12
EOC50B	61.1	63.8	8-50	80	7	1.55	13

Max clamping range:0.5mm

SK筒夹
SK COLLET

HT-0008

产品属性
Product Attributes

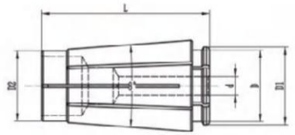
- 钢材: SUJ2
- HRC46°
- 精度: 5μ（4D长度）。
- 它仅用于钻头、丝锥、铣刀和铰刀等切削工具，适用于刀柄直径与夹头孔径相同的切削工具，收缩时无法夹紧，夹紧能力优于AA型。

- Steel:SUJ2
- HRC46°
- Precision:5μ (4D length).
- It is used for the cutting tools like dills,taps mills and reamers only for cutting tools that the shank diameter same as collet's hole diameter,can not be clamped with contraction.Clamping ability better than AA type.

技术参数
Technical Parameter

型号Model	尺寸Size(mm)				
	L	d(Clamping range)	D	D1	D2
SK06	25	2	7.6	8.9	7.5
SK10	30.5	2	11.5	13	11.8
SK13	39	2	15.1	17	15.4
SK16	45	2	18.5	20.5	19
SK20	54	3	23	25	22.6
SK25	57	3	28	29.7	28.8





5C筒夹
5C COLLET

HT-0009

产品属性
Product Attributes

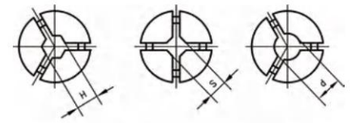
- 产品名称: 5C COLLETS
- 类型: 圆形、方形、六角形

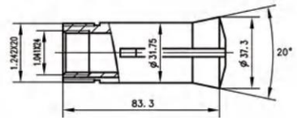
- Products name:5C COLLETS
- Type:Round,square,hex



技术参数
Technical Parameter

订单号Order No.	夹紧范围Clamping range			重量Wt(kg)
	类型Type	mm	In	
5C-01-d	Round	1-28	1/32-1-1/8	0.24
5C-02-S	Square	3-19	1/8-3/4	0.24
5C-03-H	Hex	3-22	1/8-7/8	0.24





R8筒夹
R8 COLLET

HT-0010

产品属性
Product Attributes

- 材质: 65Mn
- 硬度: 夹紧部分HRC55-60弹性部分HRC40-45
- Material:65Mn
- Hardness:clamping part HRC55-60 elastic part HRC40-45

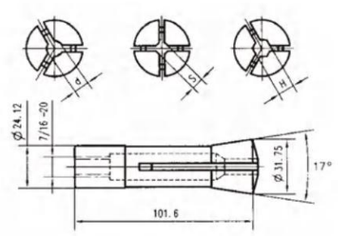
技术参数
Technical Parameter

Order No.	Type	Clamping range(mm)	In	Wt(kg)
R8-01-d	Round	1-20	1/16-7/8	0.24
R8-02-S	Square	3-13	1/8-1/2	0.24
R8-03-H	Hex	3-16	1/8-5/8	0.24

Inspection of Accuray

D		L	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





DA筒夹
DA COLLET

HT-0011

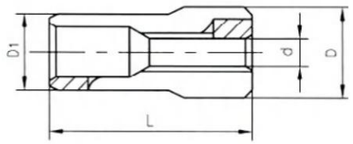
产品属性
Product Attributes

- 材料:65 Mn
- 适用机器: 适用于各种车床。
- 精度: 0.015毫米
- Material:65Mn
- Application machine:Applicable to all sorts of lathes
- Accuracy:0.015mm

技术参数
Technical Parameter

订单号Order No.	D(mm)	L(mm)	D1(mm)	d	
				mm	in
DA10-d	19.5	36.5	16.5	2-12.5	1/16-1/2
DA18-d	26.045	41.7	22.08	2-18	1/16-45/64
DA20-d	13.6	30.4	11.43	1-8	3/64-5/16
DA30-d	9.5	25.4	7.62	1-6	1/32-15/64





SDC筒夹
SDC COLLET

HT-0012

产品属性
Product Attributes

- 材料: SUJ2
- 精度: 小于5μ (4D长度)
- 使用相同的夹紧孔限制刀柄直径,夹头没有弹性收缩范围, 强调夹紧力。
- Material:SUJ2
- Accuracy:less than 5μ (4D length)
- Limit the tool shank diameter with the same clamping aperture,the collet does not have an elastic shrink range, emphasizing the clamping force.

技术参数
Technical Parameter

型号Model	尺寸Size				
	L	D	D1	D2	T
SDC04	31	3-4	7.05	5.5	M4
SDC06	36	3-6	9.7	8.0	M5
SDC08	45	3-10	15.1	12.8	M6
SDC10	52	3-10	19.05	16.5	M8
SDC12	60	3-12	22.1	19	M10



ER铣夹头套装
ER MILLING CHUCK SET

HT-0013

产品属性
Product Attributes

- 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
- 木托或铝合金盒包装
- 可按顾客要求组合套装

- A set included:1 collet chuck,1 clamping nut,full set of collets and 1 spanner.
- Packed in a wooden pallet or aluminum box.
- We can assemble the set as per customer's requirements.

技术参数
Technical Parameter

订单号Order No.	孔尺寸Hole size		件/套pcs/set	刀柄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 MS2-MS6 ISO30 ISO40 ISO50 1/2"str.sh 5/8"str.sh 3/4"str.sh 1"str.sh 1-1/4"str.sh
ER25-6in(mm)	1/8 3/16 5/16 3/8 1/2 5/8	4 6 8 10 12 16	6	
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	
ER32-6in(mm)	1/4 5/16 3/8 1/2 5/8 3/4	6 8 10 12 16 20	6	
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	
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	
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	

Taper of collet chuck	Thread of draw bar	
R8	7/16 -20UNF	
7:24 30	M12 x 1.75	1/2"-13UNC
7:24 40	M16 x 2.0	5/8"-11UNC
7:24 50	M24 x 3.0	1"-8UNC
MS2	M10 x 1.5	3/8"-16UNC
MS3	M12 x 1.75	1/2"-13UNC
MS4	M16 x 2.0	5/8"-11UNC
MS5	M20 x 2.5	3/4"-10UNC
MS6	M24 x 3.0	1"-8UNC



ER筒夹套装
ER COLLET SET

HT-0014

技术参数
Technical Parameter

订单号Order No.	夹头规格collet hole size	支/套pcs/set
ER8-K09	1,1.5,2,2.5,3,3.5,4,4.5,5	9
ER11-K07	1,2,3,4,5,6,7	7
ER11-K13	1,1.5,2,2.5,3,3.5,4,4.5,5,5.5,6,6.5,7	13
ER16-K08	3,4,5,6,7,8,9,10	8
ER16-K10	1,2,3,4,5,6,7,8,9,10	10
ER20-K10	4.5,6,7,8,9,10,11,12,13	10
ER20-K12	2,3,4,5,6,7,8,9,10,11,12,13	12
ER25-K05	6,8,10,12,16	5
ER25-K07	3, 4,6,8,10,12,16	7
ER25-K13	4,5,6,7,8,9,10,11,12,13,14,15,16	13
FR25-K15	2,3,4,5,6,7,8,9,10,11,12,13,14,15,16	15
ER32-K06	6,8,10,12,16,20	6
ER32-K11	3, 4,5,6,8,10,12,13,15,16,18	11
ER32-K18	3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	18
ER40-K07	6,8,10,12,16,20,25	7
ER40-K15	4,5,6,8,10,12,13,15,16,18,20,21,22,25,26	15
ER40-K23	4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26	23
ER50-K12	12,14.16,18,20,22,24,26,28,30,32,34	12







DIN6343 夹紧筒夹
DIN6343 CLAMPING COLLETS

HT-0015

产品属性
Product Attributes

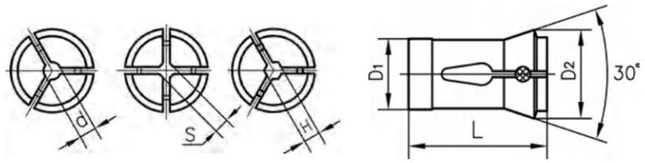
- 产品名称: DIN6343 夹紧筒夹
- 材料:65Mn
- 夹持部分HRC55-60
  弹性区HRC40-45

- Products name:DIN6343 clamping collet
- Material:65Mn
- Hardness:Clamping part HRC55-60
  Elastic part HRC40-45

技术参数
Technical Parameter

订单号Order No.	D1(mm)	D2(mm)	L(mm)	d			重量Wt(kg)
				round	square	hex	
DIN6343-F17.5	17.5	22	51	13	8	10	0.05
DIN6343-F22	22	30	55	16	11	13	0.09
DIN6343-F27	27	38	72.7	22	15	19	0.10
DIN6343-F28	28	38	70	22	15	19	0.12
DIN6343-F32	32	45	75	26	18	22	0.27
DIN6343-F35	35	48	80	30	21	26	0.35
DIN6343-F42	42	55	94	36	25	30	0.49
DIN6343-F48	48	60	94	42	29	36	0.57
DIN6343-F56	56	68	94	50	35	42	0.65
DIN6343-F66	66	84	110	60	42	52	1.16





C型直柄筒夹
STRAIGHT SHANK COLLETS

HT-0016

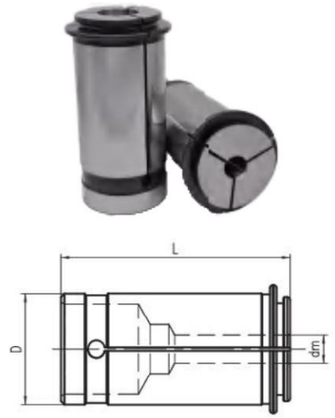
产品属性
Product Attributes

- 产品名称: C型直柄筒夹
- 材料: 65Mn
- 硬度: HRC44-48
- 精度: 0.015mm

- Products name: C straight shank collets
- Material:65Mn
- Hardness:HRC44-48
- Accuracy:0.015mm

技术参数
Technical Parameter

订单号Order No.	D1(mm)	D2(mm)	L(mm)
C16	16	4-12	45
C20	20	4-16	55
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

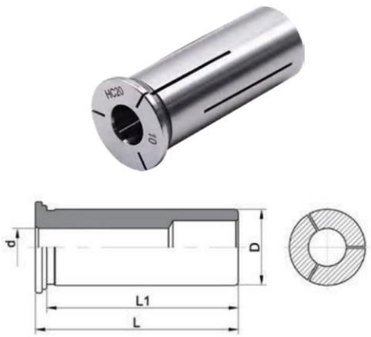


液压夹头
HIGH PRECISION HYDRAULIC COLLETS

HT-0017

技术参数
Technical Parameter

Type	ϕd	ϕD	L	L1
HC12	3-8	12	47	45
HC16	3-12	16	50	47
HC20	3-16	20	53.5	50.5
HC25	3-20	25	58	55
HC32	6-25	32	64.5	61



锥度筒夹
TAPER COLLETS

HT-0018

产品属性
Product Attributes

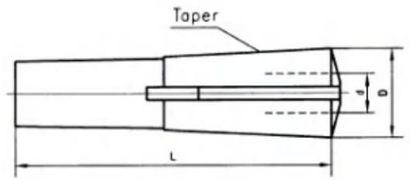
- 产品名称: 锥度夹头
- 材料: 65Mn
- 硬度: HRC44-48
- 锥度: MS1、MS2、MS3、MS4
- 精度: 0.015mm

- Products name:Taper collets
- Material:65Mn
- Hardness:HRC44-48
- Taper:MS1,MS2,MS3,MS4
- Accuracy:0.015mm

技术参数
Technical Parameter

Order No.	Taper	Hole size		D(mm)	L(mm)	Wt(kg)
		in	mm			
JMS1-d	MS1	1/16-5/16	2-8	12.2	57	0.05
JMS2-d	MS2	1/8-1/2	2-12	18	68	0.08
JMS3-d	MS3	1/8-3/4	3-20	24.1	86	0.10
JMS4-d	MS4	1/8-1	3-25	31.5	108	0.38
J7B&S-d	B&S7	1/8-1/2	2-12	18.4	79.4	0.096
J9B&S-d	B&S9	1/8-3/4	3-20	27.08	105	0.32



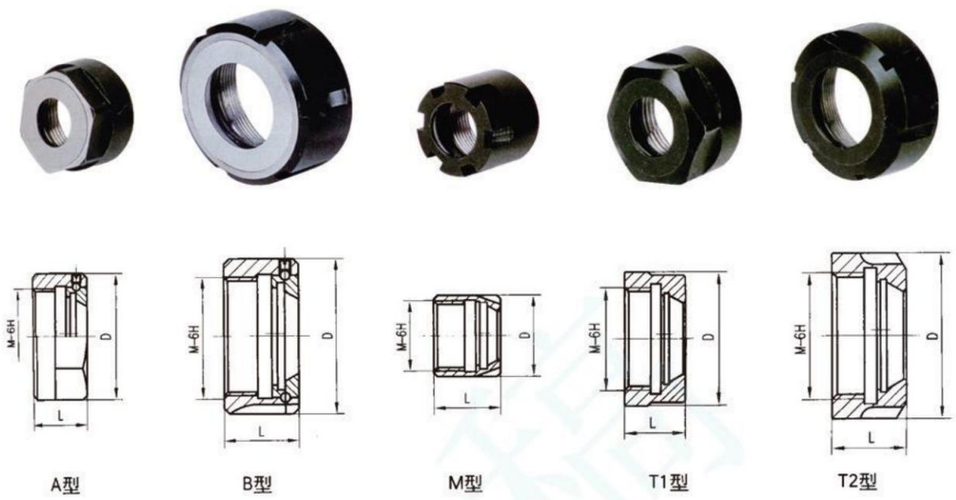


ER压帽
ER CLAMPING NUT

HT-0019

技术参数
Technical Parameter

Order No.	Type	D(mm)	L(mm)	M	Wt(kg)
ER11-A	A	19	11.3	M14×0.75	0.005
ER16-A	A	28	17.5	M22×1.5	0.01
ER20-A	A	34	19	M25×1.5	0.05
ER25-B	B	42	20	M32×1.5	0.14
ER32-B	B	50	22.5	M40×1.5	0.20
ER40-B	B	63	25.5	M50×1.5	0.30
ER50-B	B	78	35.5	M64×2	0.50
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



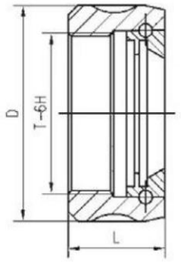
EOC压帽
EOC CLAMPING NUT

HT-0020

技术参数
Technical Parameter

订单号Order No.	D(mm)	L(mm)	T
YMEOC6	18	14	M14×1
YMEOC8	26	19	M20×1.5
YMEOC10	30	19	M22×1.5
YMEOC12	35	20	M27×1.5
YMEOC16	43	24	M33×1.5
YMEOC20	50	28	M42×2
YMEOC25	60	30	M48×2
YMEOC32	72	33.5	M60×2.5
YMEOC40	85	37	M68×2.5
YMEOC50	100	43	M80×2.5





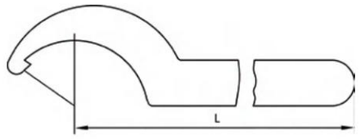
EOC扳手
EOC WRENCH

HT-0021

技术参数
Technical Parameter

订单号Order No.	L(mm)	适用压帽外径 Dia of nuts(mm)
B/EOC6	90	18 ~ 21
B/EOC8	125	22 ~ 26
B/EOC10	140	28 ~ 32
B/EOC12	154	34 ~ 36
B/EOC16	168	38 ~ 42
B/EOC20	190	45 ~ 52
B/EOC25	210	55 ~ 62
B/EOC32	230	68 ~ 72
B/EOC40	240	78 ~ 85
B/EOC50	250	100 ~ 110





莫氏锥柄铣夹头体
MORSE TAPER COLLET CHUCK

HT-0022

产品属性
Product Attributes

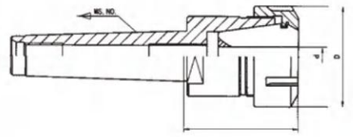
- 产品名称: 莫氏锥柄铣夹头体
- 材质: 40Cr
- 硬度: HRC48-52
- 精度: 0.005mm

- Products name:Morse taper collet chuck
- Material:40Cr
- Hardness:HRC48-52
- Accuracy:0.005mm

技术参数
Technical Parameter

Order No.	Ms. No	d	D
MS2XER11	MS2	1-7	19
MS2XER16	MS2	1-10	28
MS2XER20	MS2	1-13	34
MS2XER25	MS2	1-16	42
MS3XER16	MS3	1-10	28
MS3XER20	MS3	1-13	34
MS3XER25	MS3	1-16	42
MS3XER32	MS3	2-20	50
MS3XER40	MS3	3-26	63
MS4XER16	MS4	1-10	28
MS4XER20	MS4	1-13	34
MS4XER25	MS4	1-16	42
MS4XER32	MS4	2-20	50
MS4XER40	MS4	3-26	63
MS5XER40	MS5	3-26	63
MS5XER50	MS5	6-34	78





M型直柄铣夹头体
M TYPE STRAIGHT SHANK COLLET CHUCK WITH MINI NUT

HT-0023

产品属性
Product Attributes

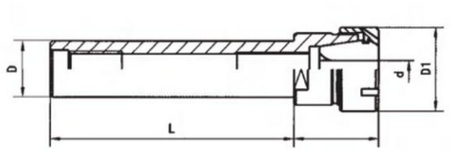
- 产品名称: M型直柄铣夹头体
- 材质: 40Cr
- 硬度: HRC48-52
- 精度: 0.005mm

- Products name:Straight shank collet chuck with mini nut
- Material:40Cr
- Hardness:HRC48-52
- Accuracy:0.005mm

技术参数
Technical Parameter

Order No.	d	D	D1	L
ER8M-10x95-17	1-5	10	12	95
ER8M-10x120-7	1-5	10	12	120
ER8M-16x100-17	1-5	16	12	100
ER11M-12x95-28	1-7	12	16	95
ER11M-12x150-30	1-7	12	16	150
ER11M-16x100-19	1-7	16	16	100
ER11M-16x150-19	1-7	16	16	150
ER16M-12x50-36	1-10	12	22	50
ER16M-12x100-40	1-10	12	22	100
ER16M-16x80-37	1-10	16	22	80
ER16M-16x150-40	1-10	16	22	150
ER16M-20x50-35	1-10	20	22	50
ER16M-20x100-25	1-10	20	22	100
ER16M-20x150-25	1-10	20	22	150
ER20M-16x60-40	1-13	16	28	60
ER20M-16x100-40	1-13	16	28	100
ER20M-16x150-40	1-13	16	28	150
ER20M-20x80-40	1-13	20	28	80
ER20M-20x100-40	1-13	20	28	100
ER20M-20x120-40	1-13	20	28	120
ER20M-20x150-40	1-13	20	28	150
ER25M-20x150-50	1-16	20	35	150
ER25M-25x145-45	1-16	25	35	145





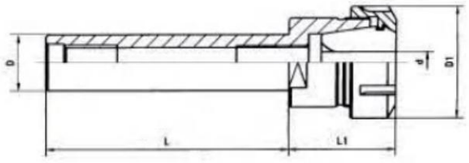
直柄铣夹头体
STRAIGHT SHANK COLLET CHUCK WITH STANDARD NUT

HT-0024

技术参数
Technical Parameter

Order No.	d	D	D1	L
ER11-12 x 100-45	1-7	12	19	100
ER11-16 x 60-40	1-7	16	19	60
ER11-16 x 100-21	1-7	16	19	100
ER16-12 x 100-35	1-10	12	28	100
ER16-16 x 100-50	1-10	16	28	100
ER16-16 x 150-50	1-10	16	28	150
ER16-20 x 100-50	1-10	20	28	100
ER16-20 x 150-50	1-10	20	28	150
ER16-25 x 100-27	1-10	25	28	100
ER16-25 x 150-27	1-10	25	28	150
ER20-20 x 80-50	1-13	20	34	80
ER20-20 x 100-50	1-13	20	34	100
ER20-20 x 150-36	1-13	20	34	150
ER20-25 x 50-50	1-13	25	34	50
ER20-25 x 100-45	1-13	25	34	100
ER20-25 x 150x45	1-13	25	34	150
ER25-20 x 100-50	1-16	20	42	100
ER25-20 x 150-50	1-16	20	42	150
ER25-25 x 80-50	1-16	25	42	80
ER25-25 x 100-50	1-16	25	42	100
ER25-25 x 150-36	1-16	25	42	150
ER25-32 x 60-45	1-16	32	42	60
ER25-32 x 100-45	1-16	32	42	100
ER32-25 x 80-55	2-20	25	50	80
ER32-25 x 100-55	2-20	25	50	100
ER32-32 x 55-45	2-20	32	50	55
ER32-32 x 100-55	2-20	32	50	100
ER32-40 x 75-50	2-20	40	50	75
ER32-40 x 100-50	2-20	40	50	100
ER40-32 x 80-60	3-26	32	63	80
ER40-40 x 100-60	3-26	40	63	100





钻夹头产品系列
Drill chuck product series

钻夹头系列
Drill chuck series

扳手钻夹头
Key type drill chuck

P29

锥孔自紧式钻夹头
Keyless drill chuck with taper mounted

P30

螺纹孔自紧式钻夹头
Keyless drill chuck with thread mounted

P31

直结式自紧钻夹头
Direct-Keyless drill Chuck

P32

一体式钻夹头
Solid drill chuck

P33







扳手钻夹头
KEY TYPE DRILL CHUCK

HT-0025

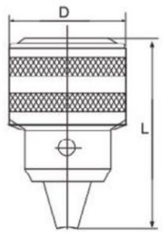
产品属性
Product Attributes

- 适合中、重型钻削
- 应用于铣床、车床、钻床、木工机械
- 能够承受高速切削
- Suitable for medium,heavy duty drilling use
- For milling machine,lathe,drilling machine,wood working machine
- High speed drilling can be performed for possessing high griping power

技术参数
Technical Parameter

订单号Order No.	夹持范围Capacity	夹持范围Capacity	连接尺寸Mount	外径Dmm	长度Lmm	重量Wt. (kg)
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





锥孔自紧式钻夹头
KEYLESS DRILL CHUCK WITH TAPER MOUNTED

HT-0026

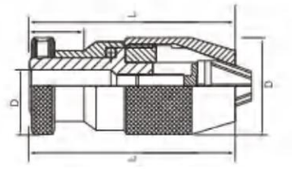
产品属性
Product Attributes

- P、D级适用于车床、铣床、镗床、钻床等机床上使用
- M级适用于加工中心、数控机床等高精度机床使用
- Grade P&D is used in lathe,milling machine,boring machine, drilling bench etc.
- Grade M is used in high precision machine-tool,such as machining center and digital control machine.

技术参数
Technical Parameter

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





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

HT-0027

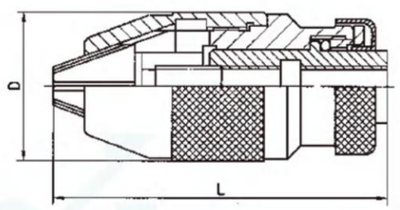
产品属性
Product Attributes

- 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 wood working machine etc

技术参数
Technical Parameter

订单号Order No.	夹持范围Capacity	连接尺寸Mount	外径Dmm	长度Lmm	重量Wt. (kg)
J0306	0.5-6mm	M10×1	34	64	0.20
J0306A	1/64"-1/4"	3/8"-24UNF	34	64	0.20
J0308	0.5-8mm	M10×1	40	80	0.20
J0308A	1/64"-5/16"	3/8"-24UNF	40	80	0.20
J0308B	0.5-8mm	M12×1.25	40	80	0.20
J0308C	1/64"-5/16"	1/2"-20UNF	40	80	0.20
J0310	1-10mm	M10×1	42	86	0.20
J0310A	1/32" -3/8"	3/8"-24UNF	42	86	0.20
J0310B	1-10mm	M12×1.25	42	86	0.20
J0310C	1/32"-3/8	1/2"-20UNF	42	86	0.20
J0313	1-13mm	M10×1	44	97	0.20
J0313A	1/32"-1/2"	3/8"-24UNF	44	97	0.20
J0313B	1-13mm	M12×1.25	44	97	0.20
J0313C	1/32"-1/2"	1/2"-20UNF	44	97	0.20
J0316	3-16mm	M12×1.25	48	107	0.24
J0316A	1/8"-5-8"	1/2"-20UNF	48	107	0.24
J0316B	3-16mm	M16×1.5	48	107	0.24
J0316C	1/8"-5/8"	5/8"-16UNF	48	107	0.24





直结式自紧钻夹头
DIRECT-KEYLESS DRILL CHUCK

HT-0028

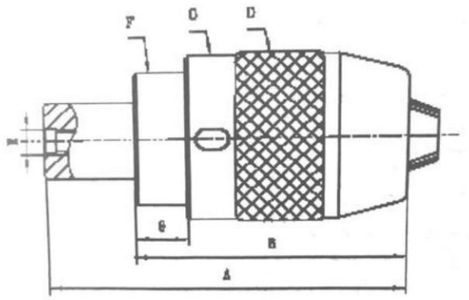
产品属性
Product Attributes

- 可与不同刀柄座搭配
- 精度高
- 更换便捷
- Can be matched with different shank holders
- High precision
- Easy to change

技术参数
Technical Parameter

订单号 Order No.	夹持范围 Capacity	连接尺寸 Mount	A	B	C	D	E	F	G
BJ0108	0.5-8	MT2	83.5	59.5	36	37	M6	30	10.5
BJ0110	1-10	MT2	94	70	41	42	M8	34	10.5
BJ0113	1-13	MT3	108	81.5	48	49	M6	38	15
BJ0113	1-13	MT2	106	81.5	48	49	M6	38	15
BJ0116	1-16	MT3	115	88	53	54	M8	48	16





一体式钻夹头
SOLID DRILL CHUCK

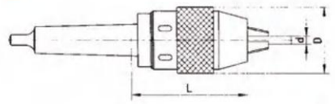
HT-0029

产品属性
Product Attributes

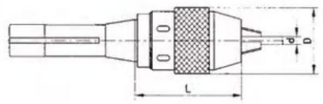
- 柄和夹头一体设计，可避免钻头夹具脱落
- 高精密度和安全性，适用数控钻床、铣床机械使用
- 操作方便，勾扳手直接转紧，夹持牢固
- Avoid of dropping of drill chuck in working
- High precision for CNC press drill and end mill
- Easy operation with a spanner



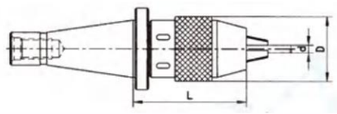
技术参数
Technical Parameter



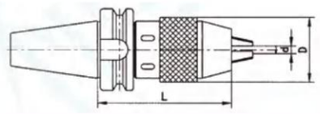
订单号Order No.	L	D	夹持范围 Capacity
MS2-APU08	59.5	36	0.5-8
MS2-APU10	70	43	1-10
MS3-APU13	83.5	50	1-13
MS3-APU16	85	57	3-16



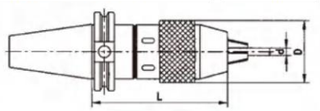
订单号Order No.	L	D	夹持范围 Capacity
MS4-APU13	83.5	50	1-13
MS4-APU16	85	57	3-16
R8-APU13	83.5	50	1-13
R8-APU16	85	57	3-16



订单号Order No.	L	D	夹持范围 Capacity
DIN2080.NT30-APU08-80	80	37	0.5~8
DIN2080.NT30-APU10-95	95	42	1~10
DIN2080.NT30-APU13-105	105	49	1~13
DIN2080.NT30-APU16-115	115	54	1~16
DIN2080.NT40-APU13-115	115	49	1~13
DIN2080.NT40-APU16-115	115	54	1~16
DIN2080.NT50-APU13-100	100	49	1~13
DIN2080.NT50-APU16-110	110	54	1~16



订单号Order No.	L	D	夹持范围 Capacity
BBT/BT30-APU08-85	85	37	0.5~8
BBT/BT30-APU10-95	95	42	1~10
BBT/BT30-APU13-110	110	49	1~13
BBT/BT30-APU16-125	125	54	1~16
BBT/BT40-APU08-90	90	37	0.5~8
BBT/BT40-APU10-95	95	42	1~10
BBT/BT40-APU13-100	100	49	1~13
BBT/BT40-APU16-105	105	54	1~16
BBT/BT40-APU16-130	130	54	1~16
BBT/BT50-APU08-95	95	37	0.5~8
BBT/BT50-APU13-115	115	49	1~13
BBT/BT50-APU16-120	120	54	1~16
BBT/BT50-APU20-130	130	58	5~20



订单号Order No.	L	D	夹持范围 Capacity
DIN69871.SK30-APU08-95	95	37	0.5~8
DIN69871.SK30-APU10-110	110	41	1~10
DIN69871.SK30-APU13-125	125	49	1~13
DIN69871.SK30-APU16-130	130	54	1~16
DIN69871.SK40-APU08-75	75	37	0.5~8
DIN69871.SK40-APU10-105	105	42	1~10
DIN69871.SK40-APU13-100	100	49	1~13
DIN69871.SK40-APU13-120	120	49	1~13
DIN69871.SK40-APU16-115	115	54	1~16
DIN69871.SK50-APU08-90	90	37	0.5~8
DIN69871.SK50-APU13-115	115	49	1~13
DIN69871.SK50-APU16-120	120	54	1~16

订单号Order No.	L	D	夹持范围 Capacity
CAT40-APU08-75	75	37	0.5~8
CAT40-APU10-105	105	42	1~10
CAT40-APU13-110	110	49	1~13
CAT40-APU16-110	110	54	1~16
CAT50-APU13-115	115	49	1~13
CAT50-APU16-120	120	54	1~16



镗头系列
Boring head series

F1型镗头	F1型镗刀柄	合金镗刀杆	NBJ16微调精镗组合	NBH2084微调精密镗头
Type F1 boring heads	F1 boring shank	Carbide tipped boring bars	Micro boring system	Micro boring head
				
P36	P37	P38	P39	P40



F1型镗头
TYPE F1 BORING HEADS

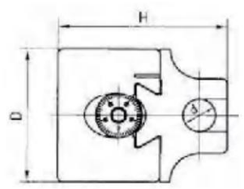
HT-0030

技术参数
Technical Parameter

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

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





F1型镗刀柄
F1 BORING SHANK

HT-0031

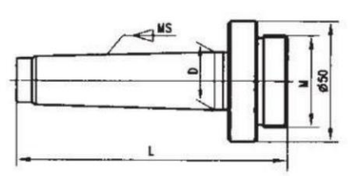
技术参数
Technical Parameter

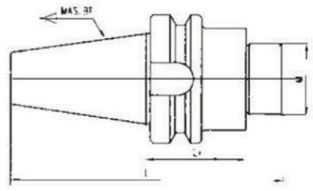
订单号Order No.	柄部Shank	L(mm)	螺纹M
F1-MS2W	MS2	93	7/8"-20 1-1/2"-18
F1-MS2	MS2	108	7/8"-20 1-1/2"-18
F1-MS3W	MS3	110	7/8"-20 1-1/2"-18
F1-MS3	MS3	128	7/8"-20 1-1/2"-18
F1-MS4W	MS4	133	7/8"-20 1-1/2"-18
F1-MS4	MS4	154	7/8"-20 1-1/2"-18
F1-MS5W	MS5	160	7/8"-20 1-1/2"-18
F1-MS5	MS5	186	7/8"-20 1-1/2"-18
F1-MS6W	MS6	214	7/8"-20 1-1/2"-18
F1-MS6	MS6	248	7/8"-20 1-1/2"-18
F1-R8	R8	132.5	7/8"-20 1-1/2"-18
F1-ISO30	ISO30	102	7/8"-20 1-1/2"-18

订单号Order No.	柄部Shank	L(mm)	螺纹M
F1-ISO40	ISO40	135	7/8"-20 1-1/2"-18
F1-ISO50	ISO50	168	7/8"-20 1-1/2"-18
F1-5/8	5/8"	97	7/8"-20 1-1/2"-18
F1-3/4	3/4"	112	7/8"-20 1-1/2"-18
F1-7/8	7/8"	127	7/8"-20 1-1/2"-18
F1-1	1"	137	7/8"-20 1-1/2"-18
F1-1-1/4	1-1/4"	167	7/8"-20 1-1/2"-18
F1-1-1/2	1-1/2"	197	7/8"-20 1-1/2"-18
F1-1-3/4	1-3/4"	227	7/8"-20 1-1/2"-18
BT40×7/8 "-20-45	BT40	122.4	7/8"-20 1-1/2"-18
DIN69871.A40×7/8"-20-40	DIN69871.40	120.4	7/8"-20 1-1/2"-18
CT40×7/8"-20-50	CT40	130	7/8"-20 1-1/2"-18

*订单中的F1-MS2 和F1-MS2W分别表示MS2锥舌尾型和拉杆型
Among the order no.F1-MS2 and F1-MS2W repectively refer to MS2 taper with tang and MS2 taper with draw bar





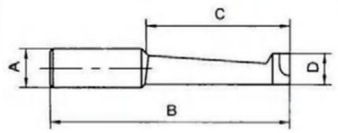


合金镗刀杆
CARBIDE TIPPED BORING BARS

HT-0032

技术参数
Technical Parameter





A=1/2"柄 Shank

订单号Order No.		B(mm)	C(mm)	D(mm)
铸铁Case Lron	钢铁Steel			
375-1812	375-1816	103.9	45.34	10.5
375-1822	375-1826	116.77	58.39	14.06
375-1832	375-1836	129.1	71.39	17.27
375-1842	375-1846	142.03	85.15	20.73
375-1852	375-1856	154	96.12	24.72
375-1862	375-1866	168	111.63	27.88
375-1804	375-1808	以上6件套木托6 piece set of above/wooden stand		

A=12mm 柄 Shank

订单号Order No.		B(mm)	C(mm)	D(mm)
铸铁Case Lron	钢铁Steel			
375-3732	375-3736	103.9	45.34	10.5
375-3742	375-3746	116.77	58.39	14.06
375-3752	375-3756	129.1	71.39	17.27
375-3762	375-3766	142.03	85.15	20.73
375-3772	375-3776	154	96.12	24.72
375-3782	375-3786	168	111.63	27.88
375-5002	376-5006	以上6件套木托6 piece set of above/wooden stand		

A=3/4" 柄 Shank

订单号Order No.		B(mm)	C(mm)	D(mm)
铸铁Case Lron	钢铁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=18mm 柄 Shank

订单号Order No.		B(mm)	C(mm)	D(mm)
铸铁Case Lron	钢铁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/woodenstand		
375-3514	375-3518	以上12件套塑托12 piece set of above/plastic stand		

A=1"柄 Shank

订单号Order No.		B(mm)	C(mm)	D(mm)
铸铁Case Lron	钢铁Steel			
375-1812	375-1816	103.91	45.34	10.5
375-1822	375-1826	116.77	58.39	14.06
375-1832	375-1836	129	71.39	17.27
375-1842	375-1846	142.03	85.15	20.73
375-1852	375-1856	154	96.12	24.72
375-1862	375-1866	168	111.63	27.88
375-1804	375-1808	以上6件套木托6 piece set of above/wooden stand		

A=25mm 柄 Shank

订单号Order No.		B(mm)	C(mm)	D(mm)
铸铁Case Lron	钢铁Steel			
375-3732	375-3736	103.9	45.34	10.5
375-3742	375-3746	116.77	58.39	14.06
375-3752	375-3756	129.1	71.39	17.27
375-3762	375-3766	142.03	85.15	20.73
375-3772	375-3776	154	96.12	27.72
375-3782	375-3786	168	111.63	27.88
375-5002	376-5006	以上6件套木托6 piece set of above/wooden stand		

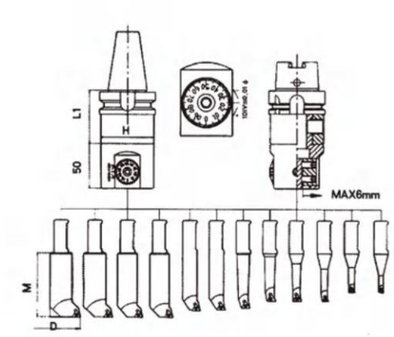
NBJ16 微调精镗组合
MICRO BORING SYSTEM

HT-0033

技术参数
Technical Parameter

订单号 Order No.		镗孔范围D	所配刀柄型号 Suitable shank model	L1	H
8支标准8pcs(Standard)	BT40-NBJ16-8P	8-50	BT40-ZE60-60	60	60
8支标准8pcs(Standard)	BT50-NBJ16-8P	8-50	BT50-ZE60-75	75	60
8支标准8pcs(Standard)	SK40-NBJ16-8P	8-50	SK40-ZE60-65	65	60
8支标准8pcs(Standard)	SK50-NBJ16-8P	8-50	SK50-ZE60-75	75	60
8支标准8pcs(Standard)	DIN2080.40-NBJ16-8P	8-50	DIN2080.40-ZE60-60	60	60
8支标准8pcs(Standard)	DIN2080.50-NBJ16-8P	8-50	DIN2080.50-ZE60-75	75	60
8支标准8pcs(Standard)	HSK.A63-NBJ16-8P	8-50	HSK.A63-ZE60-75	75	60
8支标准8pcs(Standard)	HSK.A100-NBJ16-8P	8-50	HSK.A100-ZE60-75	75	60
12 支12pcs	BT40-NBJ16-12P	6-55	BT40-ZE60-60	60	60
12 支12pcs	BT50-NBJ16-12P	6-55	BT50-ZE60-75	75	60
12 支12pcs	SK40-NBJ16-12P	6-55	SK40-ZE60-65	65	60
12 支12pcs	SK50-NBJ16-12P	6-55	SK50-ZE60-75	75	60
12 支12pcs	DIN2080.40-NBJ16-12P	6-55	DIN2080.40-ZE60-60	60	60
12 支12pcs	DIN2080.50-NBJ16-12P	6-55	DIN2080.50-ZE60-75	75	60
12 支12pcs	HSK.A63-NBJ16-12P	6-55	HSK.A63-ZE60-75	75	60
12 支12pcs	HSK.A100-NBJ16-12P	6-55	HSK.A100-ZE60-75	75	60

*以上规格为整套组合, 也可单独订购刀柄及刀杆, 请在订购时注明具体规格!
The above specification is a tool package,a single order for heads or shanks is also available, please specify the defails when ordering.





NBJ16 微调精镗组合
MICRO BORING SYSTEM

HT-0034

技术参数
Technical Parameter

镗刀杆(标准型) Boring Bar(standard type)

镗刀杆规格 Boring Bar spec.	镗孔范围 Boring range D	深度Depth M	刀片规格 Insert	刀片螺纹 Screw	扳手 Wrench	切入量ap	进给量F
BJ1606-20	6-9	20	WBGT060102	CSTB-2	T6	0.05-0.2	0.05-0.1
BJ1608-28*	8-11	28	TBGT060102	CSTB-2	T6	0.05-0.2	0.05-0.1
BJ1610-36*	10-13	36	TBGT060104	CSTB-2	T6	0.1-0.25	0.07-0.15
BJ1612-42*	12-17	42	TPGT090202	CSTB-2.5	T8	0.05-02	0.05-0.1
BJ1614-50	14-19	50	TPGT090202	CSTB-2.5	T8	0.05-02	0.05-0.1
BJ1616-60*	16-21	60	TPGT090202	CSTB-2.5	T8	0.05-02	0.05-0.1
BJ1620-63*	20-26	63	TPGT090202	CSTB-2.5	T8	0.05-02	0.05-0.1
BJ1624-64*	24-31	64	TPGT090204	CSTB-2.5	T8	0.1-0.25	0.07-0.015
BJ1630-72*	30-40	72	TPGT090204	CSTB-2.5	T8	0.1-0.25	0.07-0.015
BJ1635-72	35-45	72	TPGT090204	CSTB-2.5	T8	0.1-0.25	0.07-0.015
BJ1640-72*	40-50	72	TPGT090204	CSTB-2.5	T8	0.1-0.25	0.07-0.015
BJ1645-72	45-55	72	TPGT090204	CSTB-2.5	T8	0.1-0.25	0.07-0.015

镗刀杆(加长型)Boring Bar(extension type)

镗刀杆规格 Boring Bar spec.	镗孔范围 Boring range D	深度Depth M	刀片规格 Insert	刀片螺纹 Screw	扳手 Wrench	切入量ap	进给量F
BJ1606-24L	6-9	B10	24	WBGT060102	CSTB-2	T6	0.05-0.1
BJ1608-32L*	8-11	JT1	32	WBGT060102	CSTB-2	T6	0.05-0.1
BJ1610-40L*	10-13	B12	40	WBGT060104	CSTB-2	T6	0.07-0.15
BJ1612-53L*	12-17	JT2	53	TPGT090202	CSTB-2.5	T8	0.05-0.1
BJ1614-60L	14-19	B12	60	TPGT090202	CSTB-2.5	T8	0.05-0.1
BJ1616-68L*	16-21	JT2	68	TPGT090202	CSTB-2.5	T8	0.05-0.1
BJ1620-83L*	20-26	JT33	83	TPGT090202	CSTB-2.5	T8	0.05-0.1
BJ1624-90L*	24-31	B16	90	TPGT090204	CSTB-2.5	T8	0.07-0.015
BJ1630-90L*	30-40	B16	90	TPGT090204	CSTB-2.5	T8	0.07-0.015
BJ1635-90L	35-45	JT33	90	TPGT090204	CSTB-2.5	T8	0.07-0.015
BJ1640-90L*	40-50	JT6	90	TPGT090204	CSTB-2.5	T8	0.07-0.015
BJ1645-90L	45-55	B16	90	TPGT090204	CSTB-2.5	T8	0.07-0.015

*镗刀杆规格带*的为标准8支组合。
以上规格为整套组合，也可单独订购刀柄及刀杆，请在订购时注明具体规格。
The above specification is a tool package,a single order for heads or shanks is also available,please specify the details when order.The boring bars material are available in high speed steel and alloy steel.

NBH2084 微调精密镗头
MICRO BORING HEAD

HT-0035

产品属性
Product Attributes

- 单刃进给，微量调整，能实现精密镗孔。
- 选择合适的镗刀，以便镗孔时让镗刀尽量靠近中心，这样可高速旋转。
- 镗孔时如出现振动，可能主轴运转不平衡，应降低主轴转速。
- 可通过减少进给量，提高主轴转速，提高表面粗糙度。

- Feeding with single blade,fine adjustment,applicable for precision boring work.
- For high speed boring,proper boring bars is important,the blade should be near the center.
- Vibrations may occur in case of unbalanced spindle spinning,lower down to reduce it.
- To get better surface roughness,slow down the spinning speed and feeding.



技术参数
Technical Parameter

订单号 Order No.	镗孔范围 Boring range	加持孔径 Boring bar hole size	每格进给量 Fine feed per graduation	滑块最大行程 Max.stroke of slideblock	柄部 Shank	重量Wt.Kg
R8-NBH2084	8-280	20	ϕ0.01	25	R8	10
NT30-NBH2084	8-280	20	ϕ0.01	25	DIN2080.30	8
NT40-NBH2084	8-280	20	ϕ0.01	25	DIN2080.40	9.5
NT50-NBH2084	8-280	20	ϕ0.01	25	DIN2080.50	10.8
BT40-NBH2084	8-280	20	ϕ0.01	25	BT40	9.5
BT50-NBH2084	8-280	20	ϕ0.01	25	BT50	12
SK40-NBH2084	8-280	20	ϕ0.01	25	DIN69871.40	9.5
SK50-NBH2084	8-280	20	ϕ0.01	25	DIN69871.50	12

*以上规格为整套组合，也可单独订购刀柄及刀杆，请在订购时注明具体规格。
A single order for heads or shank is also available,please specify the details when ordering.

镗刀杆Boring bar

订单号 Order No.	镗孔范围 Boring range	深度Depth	刀片规格Insert	压刀螺钉Screw	扳手Wrench	切入量ap	进给量F mm/rev	切削速度 m/min
SBJ2008-32	8-10	32	TBGT060102 TBGT060104	M2x5	T6			
SBJ2010-40	10-13	40		M2x5	T6			
SBJ2012-53	12-17	53	TPGH090202 TPGH090204	M2.5x6	T8			碳钢100-200
SBJ2016-68	16-21	68		M2.5x6	T8	0.05-0.20	0.05-0.10	不锈钢70-140
SBJ2020-83	20-130	83	TPGH110302 TPGH110304	M3x8	T8	0.10-0.25	0.07-0.15	铸铁70-140
SBJ2025-96	25-135	96		M3x8	T8			铝150-300
SBJ2030-115	30-140	115		M3x8	T8			
SBJ20L20-100	120-280	150		M3x8	T8			

高品质顶尖产品系列

High quality live center product series



固定顶尖
Dead center

P43

半缺顶尖
Half-notched center

P43

硬质合金半缺顶尖
Carbide half-notched center

P44

硬质合金顶尖
Carbide center

P44

伞型顶尖
Bull nose center

P45

M11型精密回转顶尖
M11 precision live center

P45

精密轻型回转顶尖
Precision light-duty live center

P46

精密重型回转顶尖
Precision heavy live center

P46

中型回转顶尖
Medium-duty live center

P47

中型回转顶尖（加长型）
Medium-duty live center (Extended)

P47

604H型精密回转顶尖
604H precision live center

P48

插入式回转顶尖
Plug-in live center

P49

高速插入式回转顶尖
High speed plug-in live center

P50

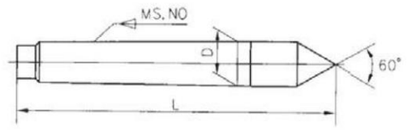
固定顶尖
DEAD CENTER

HT-0036

技术参数
Technical Parameter

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





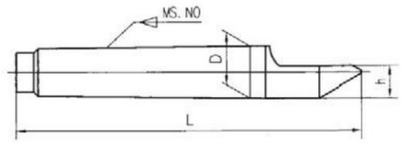
半缺顶尖
HALF-NOTCHED CENTER

HT-0037

技术参数
Technical Parameter

订单号Order No.	MS.NO.S	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	0.010
DH3	MS3	23.825	15.05	125	0.334	0.010
DH4	MS4	31.267	20.8	160	0.746	0.010
DH5	MS5	44.399	29.35	200	1.862	0.010
DH6	MS6	63.348	41.9	270	4.925	0.010
DH7	MS7	83.061	53.78	360	8.620	0.010





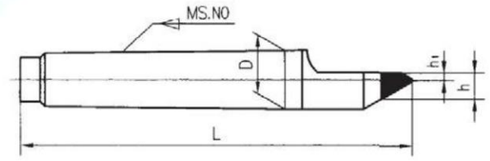
硬质合金半缺顶尖
CARBIDE HALF-NOTCHED CENTER

HT-0038

技术参数
Technical Parameter

订单号Order No.	MS.NO	h1(mm)	h(mm)	D(mm)	L(mm)	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	0.010
DHE3	MS3	3	9	23.825	125	0.34	0.010
DHE4	MS4	5	12.5	31.267	160	0.71	0.010
DHE5	MS5	7	16	44.399	200	1.78	0.010
DHE6	MS6	10	22	63.348	270	5.00	0.010
DHE7	MS7	12	24	83.061	360	8.30	0.010





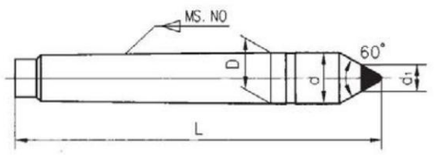
硬质合金顶尖
CARBIDE CENTER

HT-0039

技术参数
Technical Parameter

订单号Order No.	MS.NO.S	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	0.010
DE3	MS3	23.825	125	24.1	12	0.335	0.010
DE4	MS4	31.267	160	31.6	15	0.746	0.010
DE5	MS5	44.399	200	44.7	18	1.826	0.010
DE6	MS6	63.348	270	63.8	24	5.230	0.010
DE7	MS7	83.061	360	83.555	24	9.190	0.010





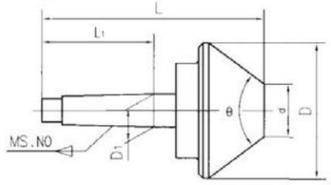
伞形顶尖
BULL NOSE CENTER

HT-0040

技术参数
Technical Parameter

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





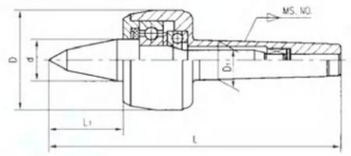
M11精密回转顶尖
M11 PRECISION LIVE CENTER

HT-0041

技术参数
Technical Parameter

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





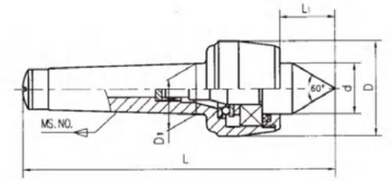
精密轻型回转顶尖
PRECISION LIGHT-DUTY LIVE CENTER

HT-0042

技术参数
Technical Parameter

Order No.	MS.NO	L(mm)	D(mm)	L1(mm)	d(mm)	D1(mm)	Max Load (kg)	Max Speed (rpm)	Accuracy (mm)
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	161.2	52	32	28	23.825	800	4500	0.006
DM314	MS4	191.7	60	36.5	32	31.267	1250	3500	0.006
DM315	MS5	244.5	80	50.8	45	44.399	1500	3000	0.006
DM316	MS6	350	130	74.8	75	63.348	1800	2500	0.006
DM317	MS7	423.5	130	74.8	75	83.061	2200	2000	0.006





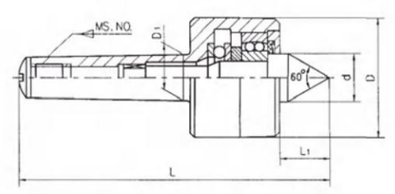
精密重型回转顶尖
PRECISION HEAVY LIVE CENTER

HT-0043

技术参数
Technical Parameter

Order No.	MS.NO	L(mm)	D(mm)	L1(mm)	d(mm)	D1(mm)	Max Radial Load(N)	Max Speed (rpm)	Wt(kg)	Accuracy (mm)
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





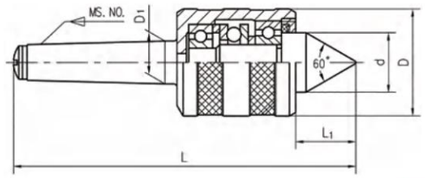
中型回转顶尖
MEDIUM-DUTY LIVE CENTER

HT-0044

技术参数
Technical Parameter

Order No.	MS.NO	L(mm)	D(mm)	L1(mm)	d(mm)	D1(mm)	Max Radial Load(N)	Max Speed (rpm)	Wt(kg)	Accuracy (mm)
D411	MS1	115	34	20	18	12.065	900	5000	0.29	0.01
D412	MS2	145	45	26	25	17.780	1500	5000	0.70	0.01
D413	MS3	170	52	30	28	23.825	2000	4200	0.93	0.01
D414	MS4	205.7	60	34.7	32	31.267	3200	3200	1.70	0.01
D415	MS5	254	77	45	45	44.399	6300	2400	3.39	0.015
D416	MS6	362	125	68.5	75	63.348	10000	1600	12.00	0.015
D411L	MS1	125	34	30	18	12.065	900	5000	0.31	0.01
D412L	MS2	155	45	36	25	17.78	1500	5000	0.74	0.01
D413L	MS3	183	52	43	28	23.825	2000	4200	0.99	0.01
D414L	MS4	222	60	51	32	31.267	3200	3200	1.80	0.01
D415L	MS5	272	77	63	45	44.399	6300	2400	3.62	0.015
D416L	MS6	382	125	88.5	75	63.348	10000	1600	12.69	0.015





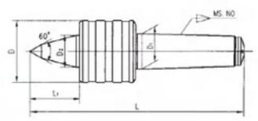
中型回转顶尖（加长型）
MEDIUM-DUTY LIVE CENTER(EXTENDED)

HT-0045

技术参数
Technical Parameter

Order No.	MS.NO	L1(mm)	D(mm)	D1(mm)	D2(mm)	L(mm)	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





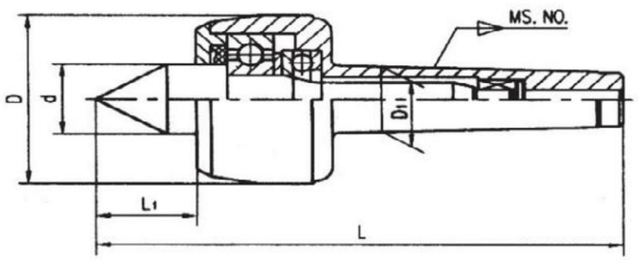
604H型精密回转顶尖
604H PRECISION LIVE CENTER

HT-0046

技术参数
Technical Parameter

Order No.	MS.NO	L(mm)	D(mm)	L1(mm)	d(mm)	D1(mm)	Max Load (kg)	Max Speed (rpm)	Accuracy (mm)
604H/101	MS1	114	36	17	15	12.065	100	7000	0.010
604H/102	MS2	129	45	24	20	17.78	200	7000	0.005
604H/104	MS3	151.5	50	27.5	22	23.825	400	6300	0.005
604H/106	MS3	160.5	60	31	25	23.825	500	5000	0.005
604H/108	MS4	205	70	41	32	31.267	800	3800	0.005
604H/110	MS5	258.5	90	50.5	40	44.399	2000	3000	0.005
604H/114	MS6	334	105	57.5	50	63.348	3500	2600	0.010
604H/116	MS6	378	140	67	60	63.348	4500	1500	0.010
604H/116E	ME80	392	140	68	60	80	7500	1500	0.015





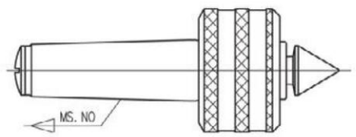
插入式回转顶尖
MEDIUM-DUTY MULTI-PURPOSE LIVE CENTER

HT-0047

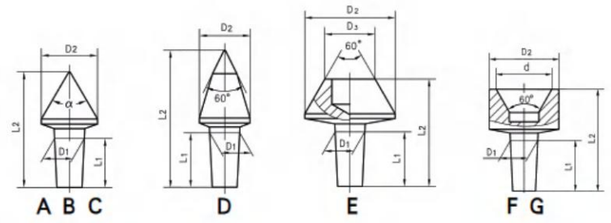
技术参数
Technical Parameter

Order No.	MS.NO	D1	L1	A		B		C		D		E			F			G			Wt (kg)
				D2	L2	D2	L2	D2	L2	D2	L2	D2	D3	L2	D2	L2	d	D2	L2	d	
D432	MS2	10	20	16	39	16	35.5	16	33	16	46	25	10	40	16	36	10	20	39	16	0.95
D433	MS3	12	24	20	48	20	43.5	20	40.5	18	56	35	15	50	22	42	18	35	48	30	1.87
D434	MS4	15	30	28	61.5	28	55.5	28	51.5	26	73	55	30	61.5	40	55	35	55	60	48	2.42
D435	MS5	20	40	36	80	36	72.45	36	66.8	36	101	70	41	78	60	81	50	70	85	61	4.12
D436	MS6	30	55	55	117	55	113	55	108	50	138	90	50	107.5	75	110	60	90	116	75	7.83





A: α=60°
B: α=75°
C: α=90°



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

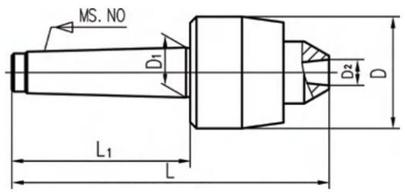
HT-0048

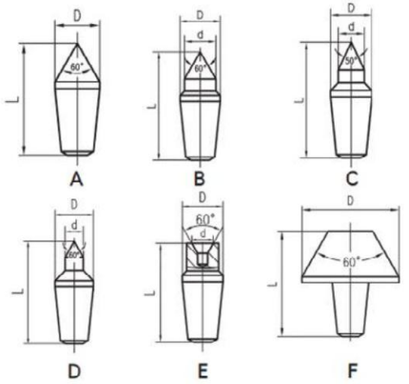
技术参数
Technical Parameter

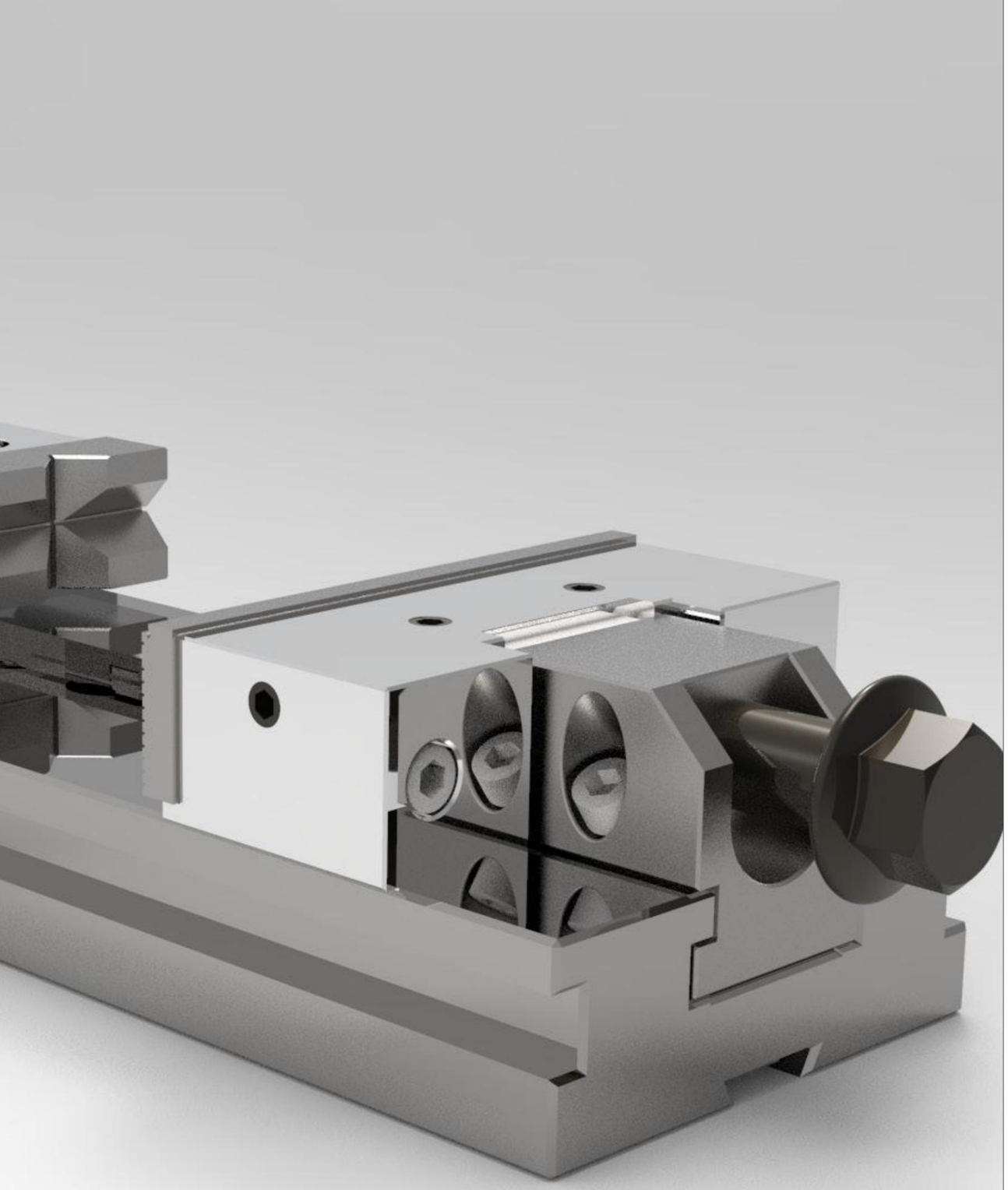
订单号Order No.	MS.NO	D(mm)	D1(mm)	L(mm)	L1(mm)
HD432	MS2	48	17.780	69	127
HD433	MS3	54	23.825	86	153
HD434	MS4	63	31.367	109	182
HD435	MS5	83	44.399	136	217

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	5.3	30	28
3	32	12.75	35	12.75	10	36	12.75	8	34	12.75	6	31	12.75	6.7	37	34
4	32	12.75	35	12.75	10	36	12.75	8	34	12.75	6	31	12.75	6.7	37	34
5	39	15.7	44	15.7	12	45	15.7	10	42	15.7	8	43	15.7	8.5	48	40









平口钳产品系列
Vise Product Series

精密平口钳系列
Precision vise series

QGG精密平口钳
QGG precision tool vises

P53

QKG系列精密平口钳
QKG precision tool vises

P54

精密组合平口钳
precision modular vises

P55

快动式精密组合平口钳
Quick action precision modular vises

P56

ZQ80型立卧组合平口钳
ZQ80 Precision horizontal vertical vises

P57

ZQ83型单、双组合平口钳
ZQ83 single&double action vises

P58

QW万向可倾平口钳
QW Universal tilting vises

P59

QH 机床平口钳
QH machine vises

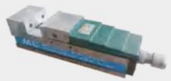
P59

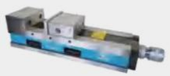
QM型精密机用平口钳
QM ACCU-lock precision machine vises

P60

QHK型可倾式机用平口钳
QHK declinable machine vises

P60

MC油压角固式虎钳
Mc hydraulic&angle lock vise

P61

JMC机械倍力虎钳
Jmc mechanical(Universal) power vise

P62

QGG精密平口钳
QGG PRECISION TOOL VISES

HT-0049

产品属性
Product Attributes

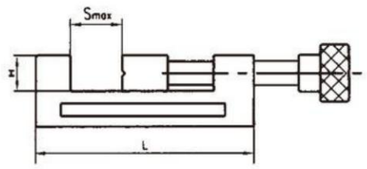
- 由优质合金钢制成，工作面硬度达到HRC58-62;
- 平行度0.005mm/100mm 垂直度0.005mm;
- 夹紧迅速，操作简便;
- 用于精密测量和检查精密磨削、ED 和线切割机;
- 在任何位置都能保证高精度。

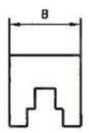
- Made of high-quality alloy steel The hardness of working surface reaches HRC58-62;
- Parallelism 0.005mm/100mm squareness 0.005mm;
- Quickly to clamp and easy to operate;
- Used for precision measurement and inspection precision grinding,ED and wire-cutting machine;
- Guarantee high accuracy in any position.

技术参数
Technical Parameter

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







QKG系列精密平口钳
QKG PRECISION TOOL VISES

HT-0050

产品属性
Product Attributes

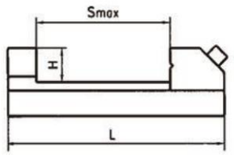
- 由优质合金钢制成，工作面硬度达到HRC58-62;
- 平行度0.005mm/100mm 垂直度0.005mm;
- 夹紧迅速，操作简便;
- 用于精密测量和检查精密磨削、ED 和线切割机;
- 在任何位置都能保证高精度。

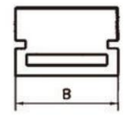
- Made of high-quality alloy steel The hardness of working surface reaches HRC58-62;
- Parallelism 0.005mm/100mm squareness 0.005mm;
- Quickly to clamp and easy to operate;
- Used for precision measurement and inspection precision grinding,ED and wire-cutting machine;
- Guarantee high accuracy in any position.

技术参数
Technical Parameter

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







精密组合平口钳
PRECISION MODULAR VISES

HT-0051

产品属性
Product Attributes

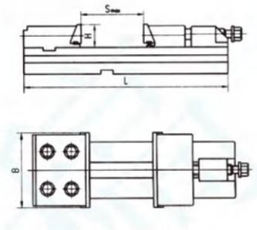
- 采用优质合金钢渗碳处理，工作面硬度 HRC58-62；
- 平行度 0.005mm/100mm，垂直度 0.005mm；
- 具有可拆换底座、固定钳口，夹紧快，操作方便；
- 广泛用于加工中心等精密机床。

- Produced of high quality steel, carburized to surface hardness:HRC58-62
- Parallelism 0.005mm/100mm, squareness 0.005mm
- It have interchangeable base,fixed/movable jaws it is quickly to clamp and easy to operate
- It is widely used on machining center and other precision machine tools

技术参数
Technical Parameter

订单号Order No.	B mm	H mm	Smax mm	L mm	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





快动式精密组合平口钳
QUICK ACTION PRECISION MODULAR VISES

HT-0052

产品属性
Product Attributes

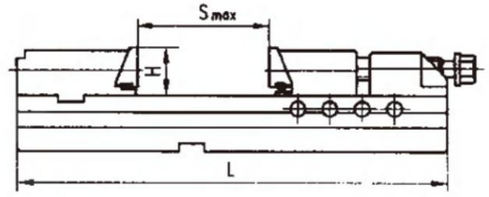
- 采用优质合金钢渗碳处理，工作面硬度 HRC58~62；
- 平行度 0.005mm/100mm，垂直度 0.005mm；
- 采用定位销，根据工件的大小，调整其在钳体上的位置，从而实现快速夹紧；
- 广泛用于加工中心等精密机床。

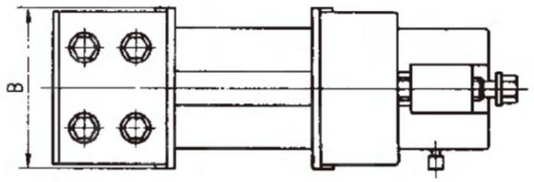
- Produced of high quality steel,carburized to surface hardness HRC58~62;
- Parallelism 0.005mm/ 100mm,squareness 0.005mm;
- Locate position by pilot pin,adjust pin on body according to opening size,then clamp quickly;
- It is widely used on machining center and other precision machine tools.

技术参数
Technical Parameter

订单号Order No.	B mm	H mm	Smax mm	L mm	Clamping force(kg)
GT125-III	125	40	150	345	3000
GT150A-III	150	50	200	420	5000
GT150B-III	150	50	300	520	5000
GT175C-III	175	60	400	655	6000







ZQ80型立卧组合平口钳
ZQ80 PRECISION HORIZONTAL VERTICAL VISES

HT-0053

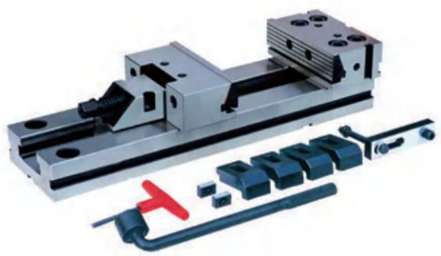
产品属性
Product Attributes

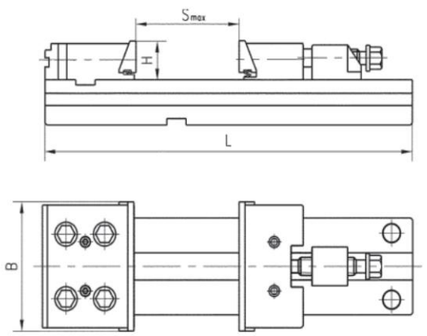
- 采用优质合金钢渗碳处理，工作面硬度HRC58~62；
- 平行度0.005mm/100mm，垂直度0.005mm；
- 可立，卧两用；
- 广泛用于加工中心、数控铣床、镗床、铣床、磨床等机床。

- Produced of high quality steel,carburized to surface hardness:HRC58~62;
- Parallelism 0.005mm/100mm,squareness 0.005mm;
- Can be used in vertical or horizontal, to process anomalous shape workpiece;
- It is widely used on machining center and other precison machine tools.

技术参数
Technical Parameter

订单号Order No.	B mm	H mm	Smax mm	L mm
ZQ80100	100	30	100	270
ZQ80125	125	40	150	345
ZQ80150	150	50	200	420
ZQ80150A	150	50	300	520
ZQ80175	175	60	200	455
ZQ80175A	175	60	300	555
ZQ80175B	175	60	400	655
ZQ80175C	175	60	500	755
ZQ80200	200	65	200	495
ZQ80200A	200	65	300	595
ZQ80200B	200	65	400	695
ZQ80200C	200	65	500	795
ZQ80200D	200	65	600	895





ZQ83型单、双组合平口钳
ZQ83 SINGLE&DOUBLE ACTION VISES

HT-0054

产品属性
Product Attributes

- 采用优质钢制造，表面渗碳处理，硬度HRC58-62；
- 平行度0.005mm/100mm，垂直度 0.005mm；
- 可快速从双虎钳变为单虎钳，开口非常大；
- 广泛应用于加工中心和精密机床。

- Produced of high quality steel,carburized to surface hardness:HRC58-62;
- Parallelism 0.005mm/100mm,squareness 0.005mm;
- It can quickly change from double vise to single vise with very large opening;
- It is widely used on machining center and precision machine tools.

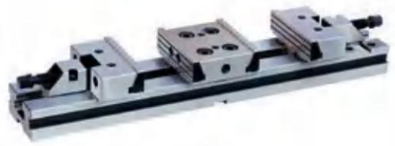
技术参数
Technical Parameter

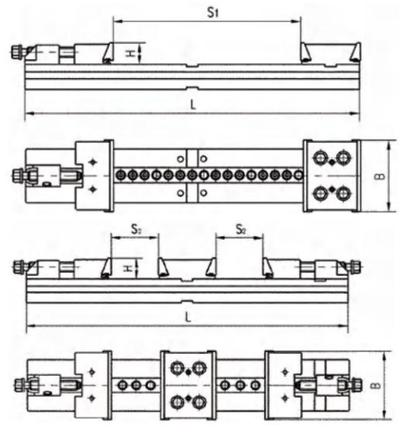
订单号Order No.	S1 mm	订单号Order No.	S2 mm	B mm	H mm	L mm
ZQ83100	290	ZQ83100(I)	2x90	100	30	460
ZQ83125	320	ZQ83125(I)	2x100	125	40	520
ZQ83150	360	ZQ83150(I)	2x110	150	50	580
ZQ83150A	460	ZQ83150A(I)	2x160	150	60	680
ZQ83175	400	ZQ83175(I)	2x120	175	60	666
ZQ83175A	500	ZQ83175A(I)	2x170	175	60	766
ZQ83175B	600	ZQ83175B(I)	2x220	175	60	866
ZQ83175C	700	ZQ83175C(I)	2x270	175	60	966
ZQ83200	500	ZQ83200(I)	2x150	200	65	805
ZQ83200A	600	ZQ83200A(I)	2x200	200	65	905
ZQ83200B	700	ZQ83200B(I)	2x250	200	65	1005
ZQ83200C	800	ZQ83200C(I)	2x300	200	65	1105
ZQ83200D	900	ZQ83200D(I)	2x350	200	65	1205

单向夹紧系列 Single large opening



双向夹紧系列 Double opening





QW万向可倾平口钳
QW UNIVERSAL TILTING VISES

HT-0055

产品属性
Product Attributes

- 由优质铸铁制成;
- 平行度0.025 毫米/100 毫米, 垂直度0.025毫米;
- 采用钳体, 双向体, 滑座回转可倾机构, 实现三个方向各种方位的定位;
- 用于加工和放电加工复杂零件。

- It is made of high-quality cast iron;
- Parallelism 0. 025mm/100mm,squareness 0.025mm;
- Attained fitting with a stop in three way,by using such sircling delinable structure as vice body,two way body and sliding base;
- It is used on machining and EDM complex parts.

技术参数
Technical Parameter

订单号Order No.	Width of Jaw	Height of Jaw	Max.Opening	GW/NW	Paking Shape	LxWxH
QW100	105	40	105	31/26	wooden case	51x34x25
QW125	125	40	125	35/30	wooden case	56x34x26



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

HT-0056

技术参数
Technical Parameter

订单号Order No.	Width of Jaw	Height of Jaw	Max.Opening	GW/NW	Paking Shape	LxWxH
QM16100	100	32	100	17/16	paper case	38x25x18
QM16160	160	45	140	40/38	paper case	49x32x23
QM16200	200	50	190	75/69	wooden case	62.5x41x25.5



QH机用平口钳
QH MILLING MACHINE VICE

HT-0057

产品属性
Product Attributes

- 由优质铸铁制成;
- 平行度0.025mm/100mm, 垂直度0.025mm;
- 广泛应用于铣床、刨床和钻床, 用于制作各种槽、孔和面。

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

技术参数
Technical Parameter

订单号Order No.	Width of Jaw	Height of Jaw	Max.Opening	GW/NW	Paking Shape	LxWxH
QH80	80	30	60	24/23(4 pcs)	paper case	48x29x13
QH100	100	35	75	9/8	paper case	56x31x14
QH125	125	40	95	15/14	paper case	33x19x17
QH160	160	52	120	27/26	paper case	45x25x13
QH200	200	63	150	39/38	paper case	49x27x24

QHK型可倾式机用平口钳
QHK TILTING MACHINE VICE

HT-0058

技术参数
Technical Parameter

订单号Order No.	Width of Jaw	Height of Jaw	Max.Opening	GW/NW	Paking Shape	LxWxH
QHK100	100	41	75	14/13	paper case	36x22x20
QHK125	125	46	95	23/22	paper case	46x26x21.5
QHK125L	125	46	130	22/21	paper case	46x26x21.5
QHK160	160	50	120	33/32	paper case	46.5x29x24.5



MC油压角固式虎钳
MC HYDRAULIC&ANGLE LOCK VISE

HT-0059

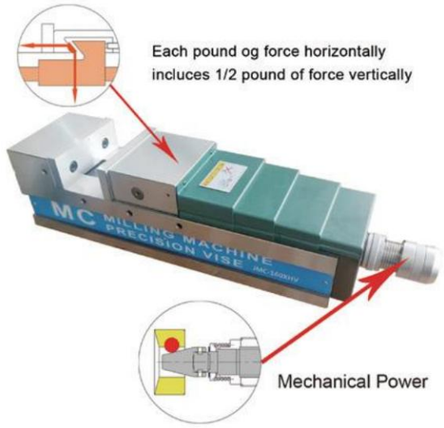
产品属性
Product Attributes

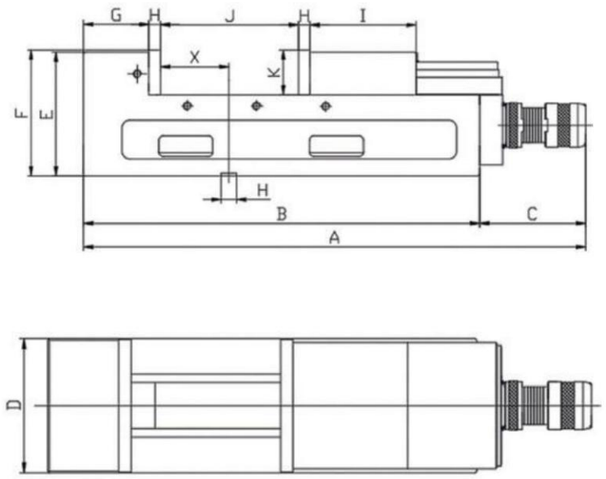
- 采用球状石墨化铸铁，抗拉强度高，耐磨性好；
- 钳体与固定钳口一体成型不易变形；
- 油压夹紧方式；
- 导轨淬火硬度HRC35-42°，增加耐磨性和精度；
- 磨光各表面尺寸一致性高，确保串联使用精度；
- 角固装置防止所夹工件上浮；
- 4种夹持方式；
- 防尘设计；
- 两钳口的平行度0.01/100mm两钳口对导轨面的垂直度0.015mm。

- Made of spherodial cast iron;
- One piece casting of vise bed and flexed jaw;
- Clamping system:hydraulic;
- Vise bed flame hardened to HRC 35-42 ° and up takes up wear and maintain accuracy for long;
- Ground surfaces ensure high-precision clamping,even when working with in-series connected vises;
- Semi-spherical segment eliminates jaw lifting and work-piece tilting;
- Four(4)different jaws set up can be obtained;
- Chip covers is applied on this vise to prevent from chips falling to Leadscrew and inside of vise;
- Face parallelism 0.01/100 mm, squareness 0.015mm.

技术参数
Technical Parameter

Model	A	B	C	D	E	F	G	H	I	J	K	M	X	Clamping Force (kgf)	N.W. (kg)
MC-130HV	555	415	140	130	147	150	75	15	138	0-180	55	18	55	4500	35/44
MC-160HV	655	515	140	160	160	163	85	15	138	0-240	58	18	89	4500	44/53
MC-160XHV	700	560	140	160	160	160	163	85	15	0-300	58	18	89	4500	49/58
MC-200HV	750	610	140	200	187	190	100	180	130	0-340	70	18	70	5000	75/84





JMC机械倍力虎钳
JMC MECHANICAL(UNIVERSAL)POWER VISE

HT-0060

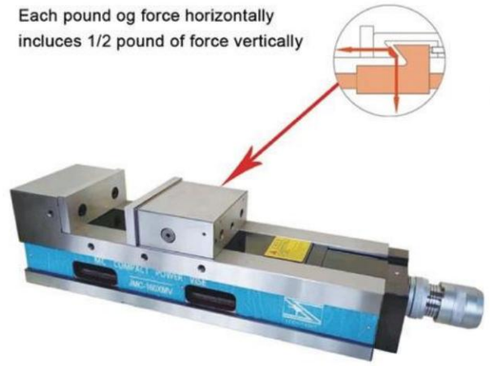
产品属性
Product Attributes

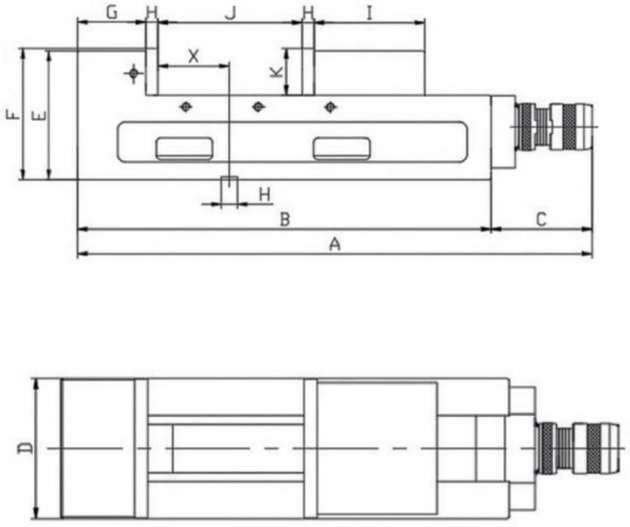
- 采用球状石墨化铸铁，抗拉强度高，耐磨性好；
- 钳体与固定钳口一体成型不易变形；
- 导轨淬火硬度HRC35-42°，增加耐磨性和精度；
- 磨光各表面尺寸一致性高，确保串联使用精度；
- 4种夹持方式；
- 采用独特的倍力增压结构，提供稳定的夹持力；
- 防尘设计；
- 两钳口的平行度0.01/100mm两钳口对导轨面的垂直度0.015mm。

- Made of spherodial cast iron;
- One piece casting of vise bed and fixed jaw;
- Vise both sides of the slide hardened heat (HRC35-42°),ensure high precision and high wear resistance,high tensile strength;
- Ground surfaces ensure high-precision clamping,even when working with in-series connected vises;
- 4 work surfaces;
- Mechanism design with rapid pressurization and high clamping force of the unique;
- Spindle safety guard protects trom chips;
- Face parallelism 0.01/100 mm,squareness 0.015mm.

技术参数
Technical Parameter

Model	A	B	C	D	E	F	G	H	I	J	K	M	X	Clamping Force (kgf)	N.W. (kg)
JMC-130MV	539	415	124	130	147	150	75	15	138	0-180	55	18	55	4500	35/44
JMC-160MV	639	515	124	160	160	163	85	15	138	0-240	58	18	89	4500	44/53
JMC-160XMV	684	560	124	160	160	160	163	85	15	0-300	58	18	89	4500	49/58
JMC-200MV	734	610	124	200	187	190	100	180	130	0-340	70	18	70	5000	75/84





平行块系列
Parallel Block Series

精密平行块
Precision parallel block

PB150型平行块	PB151型平行块	PB153型平行块	PB154型平行块	PB155型平行块	PB161型平行块
Precision Parallel Block	Precision Parallel Block	Precision Parallel Block	Precision Parallel Block	Precision Parallel Block	Precision Parallel Block
					
P65	P65	P65	P66	P66	P66







精密平行块
PRECISION PARALLEL BLOCK

HT-0061

产品属性
Product Attributes

- 硬度: HRC 55-62
- 精度: ±0.01mm
- 平行度: 0.005毫米

- Hardeness:HRC 55-62
- Accuracy:±0.01mm
- Parallelism:0.005mm

技术参数
Technical Parameter



PB150型平行块/Precision Parallel Block

订单号Order No.	规格 L×W×H	件数 pcs
PB150-1	150x10x14(16,18,20,22,24,26,28,30,32,35,40,45,50)	14×2
PB150-2	150x8x14(16,18,20,22,24,26,28,30,32,35,40,45,50	14×2
PB150-3	80x4x14(16,18,20,22,24,26,28,30,32,35,40,45,50)	14×2
PB150-4	200x10x14(16,18,20,22,24,26,28,30,32,35,40,45,50)	14×2



PB151型平行块/Precision Parallel Block

HT-0062

订单号Order No.	规格 L×W×H	件数 pcs
PB151-1	100x4 x10(14,18,22,26,30,34,38,42)	9×2
PB151-2	160x4x10(14,18,22,26,30,34,38,42)	9×2
PB151-3	150x8.5x14(16,20,24,30,32,36,40,44)	9×2
PB151-4	150x10x14(16,20,24,30,32,36,40,44)	9×2



PB153型平行块/Precision Parallel Block

HT-0063

订单号Order No.	规格 L×W×H	件数 pcs
PB153-1	125x8x11(16,21,26,31,36) 125x10x13(18,23,28,33,38) 125x12x15 (20,25,30,35,40) 125x14x17(22,27,32,37,42)	24×2
PB153-2	150x 8x11(16,21,26,31,36) 150x10x13(18,23,28,33,38) 150x12x15(20,25,30,35,40) 150x14x17(22,27,32,37,42)	24×2

精密平行块
PRECISION PARALLEL BLOCK

HT-0064

产品属性
Product Attributes

- 硬度: HRC 55-62
- 精度: ±0.01mm
- 平行度: 0.005毫米

- Hardeness :HRC 55-62
- Accuracy :±0.01mm
- Parallelism:0.005mm

技术参数
Technical Parameter



PB154型平行块/Precision Parallel Block

订单号Order No.	规格 L×W×H	件数 pcs
PB154-1	150x 8x16(18,20,22,24,26,28,30, 32,34,36,40,42, 44, 46,48, 50)	18×2
PB154-2	150x8x 17(19,21,23,25,27,29,31,33,35,37,39,41,43,45,47,49,51)	18×2



PB155型平行块/Precision Parallel Block

HT-0065

订单号Order No.	规格 L×W×H	件数 pcs
PB155-1	120x10x14(16,18,20,22,24,26,28,30,32,35,40)	12x2
PB155-2	150x10x14(16,18,20,22,24,26,28,30,32,35,40)	12x2



PB161型平行块/Precision Parallel Block

HT-0066

订单号Order No.	规格 L×W×H	件数 pcs
PB161	100x5x16.100x6x18.100x8x24 100x10x30.150x12x36 150x14x48.150x18x60 150x22x62.200x31x15x2.5(30°)	9×2

卡盘产品系列
Chuck Product Series

卡盘系列
Chuck series

K11系列三爪自定心卡盘	K12系列四爪自定心卡盘	K72系列四爪单动卡盘	自定心四爪卡盘	精密三爪卡盘
K11 3-Jaw self-centering chuck	K12 4-Jaw self-centering chuck	K72 4-Jaw independent chuck	4-Jaw self-centering chuck	Precision 3-Jaw chuck
				
P69	P70	P71	P72	P73







K11系列三爪自定心卡盘
K11 3-JAW SELF-CENTERING CHUCK

HT-0067

产品属性
Product Attributes

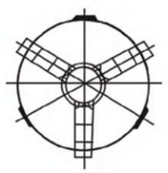
- 短圆柱连接形式。
- K11型卡盘配带整体爪(正卡爪和反卡爪各一副)。
- K11A、K11C和K11D、K11E型卡盘卡爪为分离爪形式。
- 可调整为正卡爪或反卡爪使用。
- K11A和K11D、K11E型卡盘卡爪符合ISO3442标准。
- K11C型卡盘卡爪为传统结构的分离爪。
- 可提供各种形式的软卡爪。
- 按用户需求,可提供前穿螺钉安装方式卡盘。

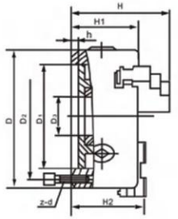
- Short cylindrical center mounting.
- Model k11 chucks are provided with one-piece jaws(which include a set of internal jaws and a set of external ones).
- The jaws for k11A, k11C and k11D, K11E chucks are composed of two-piece jaws.They can perfom as either internal or external jaws through adjustment.
- The jaws for K11A and K11D, K11E chucks conform to ISO3442 standard.
- Model K11C chucks are supplied with traditional two-piece jaws.
- We can provide all kinds of soft jaws.
- As requested,we can provide chucks mounted from front.

技术参数
Technical Parameter

订单号 Order No.	D1	D2	D3	H	H1	H2	h	z-d	Nm Max. imput torque	r/min Max.speed	(KG) Net WT
80	55	66	16	66	50	-	3.5	3-M6	40	4000	1.9
100	72	84	22	74.5	55	-	3.5	3-M8	60	3500	3.2
125	95	108	30	84	58	-	4	3-M8	100	3000	5
130	100	115	30	86	60	-	3.5	3-M8	100	3000	5.6
160	130	142	40	95	65	-	5	3-M8	160	2500	8.8
160A	130	142	40	109	65	71	5	3-M8	160	2500	8.3
200	165	180	65	109	75	-	5	3-M10	250	2000	15
200C	165	180	65	122	75	78	5	3-M10	250	2000	14.1
200A	165	180	65	122	75	80	5	3-M10	250	2000	14.1
240	195	215	70	120	80	-	8	3-M12	320	1600	24
240C	195	215	70	130	80	84	8	3-M12	320	1600	20
250	206	226	80	120	80	-	5	3-M12	320	1600	25.7
250C	206	226	80	130	80	84	5	3-M12	320	1600	23
250A	206	226	80	136	80	86	5	3-M12	320	1600	23
315	260	226	100	147	90	-	6	3-M12	400	1200	47
315A	260	285	100	153	90	95	6	3-M16	400	1200	41
320	270	285	100	153.5	95	-	11	3-M16	400	1200	47.5
320C	270	290	100	153.5	95	101.5	11	3-M16	400	1200	42
325	272	290	100	153.5	96	-	12	3-M16	400	1200	49
325C	272	296	100	154.5	96	102.5	12	3-M16	400	1200	44
325A	272	296	100	169.5	96	105.5	12	3-M16	400	1200	46
380	325	296	135	155.7	98	-	6	3-M16	500	1000	65
380C	325	350	135	156.5	98	104.5	6	3-M16	500	1000	60
380A	325	350	135	171.5	98	107.5	6	3-M16	500	1000	62
400D	340	350	130	172	100	108	6	3-M16	500	1000	71
500D	440	368	210	202	115	126	6	3-M16	630	800	117.6
500A	440	465	210	202	115	126	6	3-M16	630	800	119







K12系列四爪自定心卡盘
K12-4-JAW SELF-CENTERING CHUCK

HT-0068

产品属性
Product Attributes

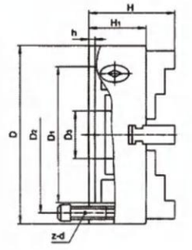
- 短圆柱中心安装
- 卡盘的结构参数与K11系列相同
- 适用于加工方形零件和八棱形零件

- Short cylindrical center mounting
- The structure parameters of these chucks are the same as those of the K11 series
- Suitable for processing square components and eight -edged components

技术参数
Technical Parameter

订单号Order No.	D1	D2	D3	H	H1	h	z-d	(KG)Net WT
80	55	66	16	66	50	3.5	4-M6	2
100	72	84	22	73	53.5	3.5	3-M8	3
125	95	108	30	84	58	4	3-M8	5
130	100	115	30	86	60	3.5	3-M8	5.6
160	130	142	40	95	65	5	3-M8	8.8
160A	130	142	40	109	65	5	3-M8	8.3
165	130	145	40	96.5	66.5	4.5	3-M8	9.8
190	155	172	55	105	75	5	3-M10	13.8
200	165	180	65	109	75	5	3-M10	15.5
200C	165	180	65	122	75	5	3-M10	14.1
200A	165	180	65	122	75	5	3-M10	14.1
240	195	215	70	120	80	8	3-M12	25
250	206	226	80	120	80	5	3-M12	26
250C	206	226	80	130	80	5	3-M12	23
250A	206	226	80	136	80	5	3-M12	23
325(325)C	272	296	100	153.5(154.5)	96	12	3-M16	50(45)
325A	272	296	100	169.5	96	12	3-M16	47
380(380) C	325	350	135	155.5(156.5)	98	6	3-M16	66(61)
380A	325	350	135	171.5	98	6	3-M16	63
500A	440	465	210	202	115	6	4-M16	119





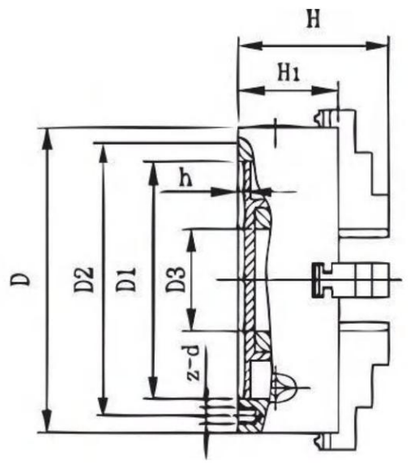
K72系列四爪单动卡盘
K72-4-JAW INDEPENDENT CHUCK

HT-0069

技术参数
Technical Parameter

订单号 Order No.	主轴头号 Short taper No	D_1	D_2	D_3	H	H_1	h	h_1	h_2	d_1	z-d	净重(KG) Net WT
160	3	53.975	75.0	45	93	65	13	10	—	—	4-M10	9
200	3	53.975	75.0	51	107	75	—	10	—	—	4-M10	15
200	4	63.513	85.0	56	107	75	13	10	6.5	14.7	4-M10	15
250	4	63.513	85.0	61	120	80	—	10	6.5	14.7	4-M10	23
320 350	4	63.513	85.0	61	134	90	—	10	6.5	14.7	4-M10	40,53
200	5	82.563	104.8	56	107	75	15	12	6.5	16.3	4-M10	15
250	5	82.563	104.8	75	120	80	15	12	6.5	16.3	4-M10	23
320 350	5	82.563	104.8	79	134	90	—	12	6.5	16.3	4-M10	40,53
400	5	82.563	104.8	79	143	95	—	12	6.5	16.3	4-M12	58
200	6	106.375	133.4	56	107	75	16	13	6.5	19.5	4-M12	15
250	6	106.375	133.4	75	120	80	16	13	6.5	19.5	4-M12	23
320 350	6	106.375	133.4	95	134	90	16	13	6.5	19.5	4-M12	40,53
400	6	106.375	133.4	95	143	95	16	13	6.5	19.5	4-M12	55
500	6	106.375	133.4	103	161	106	—	13	6.5	19.5	4-M16	102
250	8	139.719	171.4	75	120	80	18	14	8.0	24.2	4-M16	23
320 350	8	139.719	171.4	95	134	90	18	14	8.0	24.2	4-M16	40,53
400	8	139.719	171.4	125	143	95	18	14	8.0	24.2	4-M16	55
500	8	139.719	171.4	136	161	106	—	14	8.0	24.2	4-M20	106
320 350	11	196.869	235.0	95	134	90	20	16	10.0	29.4	4-M20	40,53
400	11	196.869	235.0	125	143	95	20	16	10.0	29.4	4-M20	68
500	11	196.869	235.0	160	161	106	20	16	10.0	29.4	4-M20	102
500	15	285.775	330.2	160	161	106	21	17	10.0	35.7	8-M20	102





自定心四爪卡盘
4-JAW SELF-CENTERING CHUCK

HT-0070

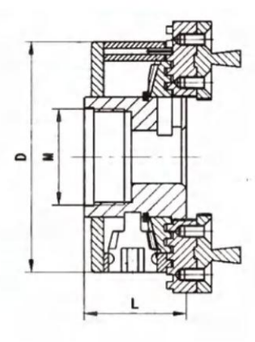
产品属性
Product Attributes

- 配有各种卡爪、可夹持和外排圆件及方件
- 通过连接套可用于各种木工车床
- 标准配件，标准卡爪一套，大、小、六方扳手各一个，木螺钉一个，加力杆一个，其他配件需要时，合同上需要注明
- Available with various jaws to hold or expand round square workpiece
- Various adaptors for different lathe spindles
- Standard accessory:standard jaws,two Allen keys,one screw, one handle,please specify other options in orders

技术参数
Technical Parameter

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





精密三爪卡盘
PRECISION 3-JAW CHUCK

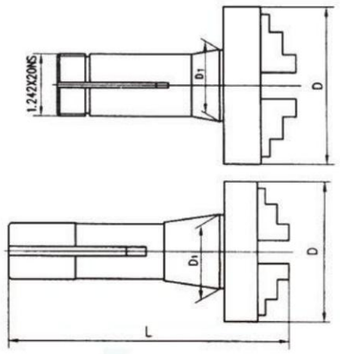
HT-0071

技术参数
Technical Parameter

订单号Order No.	Shank	D1 mm	D in	D mm
R8-QCC-D	R8	31.75	3 4 5 6	80/100/125/130/160/200
5C-QCC-D	5C	37.5	3 4 5 6	80/100/125/130/160/200
MS2-QCC-D	MS2	17.78	3 4 5 6	80/100/125/130/160/200
MS3-QCC-D	MS3	23.825	3 4 5 6	80/100/125/130/160/200
MS4-QCC-D	MS4	31.267	3 4 5 6	80/100/125/130/160/200
MS5-QCC-D	MS5	44.399	3 4 5 6	80/100/125/130/160/200
MS6-QCC-D	MS6	63.348	3 4 5 6	80/100/125/130/160/200













高品质快换刀架产品系列

High quality quick change tool post product series

美式快换刀架系列
QUICK CHANGE TOOL POSTS（USA STYLE）

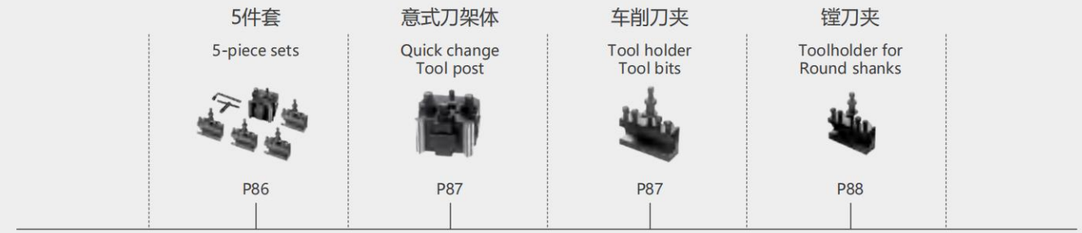


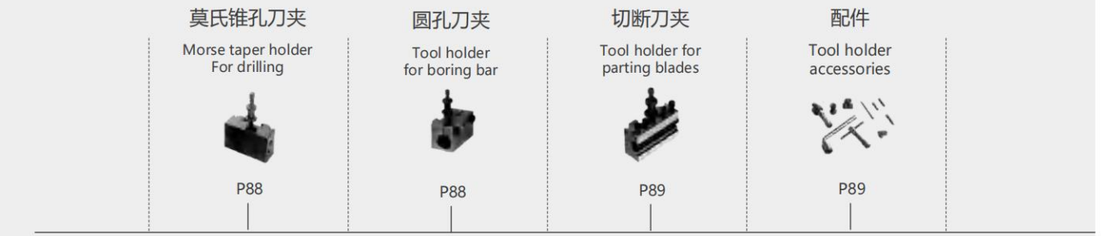


欧式快换刀架系列
40-POSITION QUICK CHANGE TOOL POSTS（EUROPE STYLE）

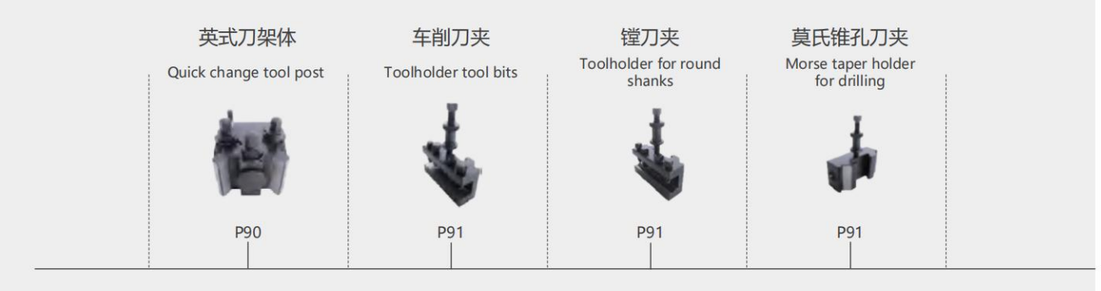


意式快换刀架系列
QUICK CHANGE TOOL POSTS（ITALY STYLE）





英式快换刀架系列
QUICK CHANGE TOOL POSTS（UK STYLE）



美式快换刀架
QUICK CHANGE TOOL POSTS USA STYLE

HT-0072

产品属性
Product Attributes

- 快换刀架是普通车床的主要备件;
- 它由刀筒体和各种切削刀具的刀架组成, 可以代
- 替方形刀台进行圆柱面、端面、切削、滚花、铣削、放大、镗削和扩孔等加工工作;
- 刀具的高度可以相对于机床主轴的中心线进行调节和定位;
- 它具有外部刀具安装、刀具加工、快速换刀（3至5秒）、高精度定位和高硬度等特点。

- The quick-changing tool post is a major spare part of the ordinary lathes;
- It is composed of the cutter-cartridge body and the tool-holder for various cutting tools which can replace the square tools table for processing works like cylindrical facing,end facing,cutting,knurling,dilling,enlarg,boring and reaming,etc;
- The height of tools can be regulated and positioned relative to the cente line of machine spindle;
- It features external tool-mounting,tool-matching,quick tool-changing(with 3 to 5 seconds),great precision inpositioning and great hardness etc.

技术参数
Technical Parameter

柱塞式快换刀架Piston type tool post sets (6-piece sets)

Model No.	Lathe Swing (in.)	Each Set Includes	N.W/kg
251-100	12	Each 1pc of 250-100、250-101、250-102、250-104、250-107、250-110	5.00
251-200	10-15	Each 1pc of 250-200、250-201、250-202、250-204、250-207、250-210	7.85
251-300	13-18	Each 1pc of 250-300、250-301、250-302、250-304、250-307、250-310	11.33
251-400	14-20	Each 1pc of 250-400、250-401、250-402、250-404、250-407、250-410	20.76



HT-0073

技术参数
Technical Parameter

楔式快换刀架wedge type tool post sets (6-piece sets)

Model No.	Lathe Swing (in.)	Each Set Includes	N.W/kg
251-111	12	Each 1pc of 250-111、250-101、250-102、250-104、250-107、250-110	5.00
251-222	10-15	Each 1pc of 250-222、250-201、250-202、250-204、250-207、250-210	7.85
251-333	13-18	Each 1pc of 250-333、250-301、250-302、250-304、250-307、250-310	11.85
251-444	14-20	Each 1pc of 250-444、250-401、250-402、250-404、250-407、250-410	20.76
251-555	17-48	Each 1pc of 250-555、250-401、250-402、250-404、250-407、250-410	39.18



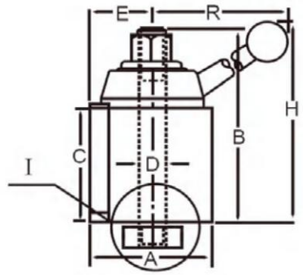
柱塞式刀架体
PISTON QUICK CHANGE TOOL POST

HT-0074

技术参数
Technical Parameter

Specification	Lathe swing		A		B		C		D	E		Holder Code
Model	inch	mm	inch	mm	inch	mm	inch	mm		inch	mm	
250-100	12	304	2-1/2	63.5	2-1/4	57.15	3-3/4	95.25	M14x1.5	1-7/16	36.512	250-1xx
250-200	10-15	254-381	3	76.2	2-3/4	69.85	4-3/8	111.125	M16x1.5	1-5/8	41.275	250-2xx
250-300	13-18	330-457	3-3/8	85.725	3	76.2	4-7/8	123.825	M20x2	1-7/8	47.625	250-3xx
250-400	14-20	355-508	4	101.6	3-5/8	92.075	6	152.4	M22x2	2-1/8	53.975	250-4xx





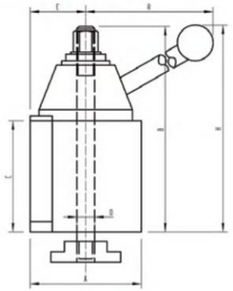
楔式刀架体
WEDGE QUICK CHANGE TOOL POST

HT-0075

技术参数
Technical Parameter

Specification	Lathe swing		A		B		C		D	E		Holder Code
Model	inch	mm	inch	mm	inch	mm	inch	mm		inch	mm	
250-111	12	304	2-1/2	63.5	2-1/4	57.15	3-3/4	95.25	M14x1.5	1-3/8	34.925	250-1xx
250-222	10-15	254-381	3	76.2	2-3/4	69.85	4-3/8	111.125	M16x1.5	1-9/16	39.68	250-2xx
250-333	13-18	330-457	3-1/2	88.9	3	76.2	4-7/8	123.825	M20x2	1-29/32	48.42	250-3xx
250-444	14-20	355-508	4	101.6	3-5/8	92.075	6	152.4	M22x2	2-1/8	53.975	250-4xx
250-555	17-48	432-1219	5	127	4-5/8	117.47	7-3/8	187.32	M24x2	2-11/16	68.26	250-5xx





车削刀夹01#
01#TURNING AND FACING HOLDER

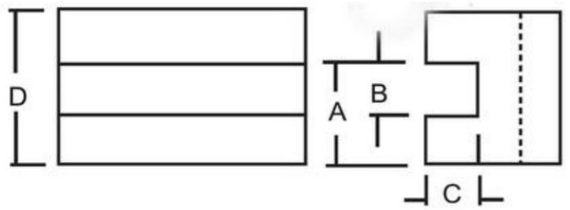
HT-0076

技术参数
Technical Parameter

Take various sizes of bits.Turning and facing tools can be locked together

Specification	250-101		250-201		250-301		250-401		250-501	
Model	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
A	15/16	23.81	1-1/8	28.57	1-7/16	36.51	1-11/16	42.86	3-3/16	55.56
B	1/2	12.7	5/8	15.87	3/4	19.05	1	25.4	1-1/4	31.75
C	7/16	11.11	1/2	12.7	5/8	15.87	3/4	19.05	1	25.4
D	1-1/2	38.1	1-3/4	44.45	2-1/8	53.97	2-1/2	63.5	3-1/8	79.37





车削和镗刀刀夹02#
02# BORING,TURNING AND FACING HOLDER

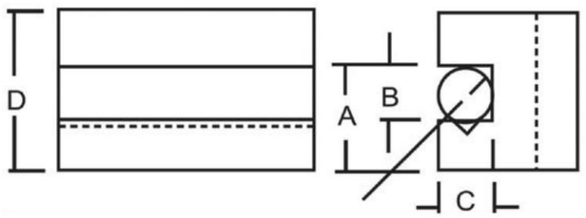
HT-0077

技术参数
Technical Parameter

"V" groove holds round shank boring bars and tools as well as square tool bits.

Specification	250-102		250-202		250-302		250-402		250-502	
Model	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
A	15/16	23.81	1-1/8	28.57	1-7/16	36.51	1-11/16	42.86	2-3/16	55.56
B	1/2	12.7	5/8	15.87	3/4	19.05	1	25.4	1-1/4	31.75
C	7/16	11.11	1/2	12.7	5/8	15.87	3/4	19.05	1	25.4
D	1-1/2	38.1	1-3/4	44.45	2-1/8	53.97	2-1/2	63.5	3-1/8	79.37
d	7/16	11.11	1/2	12.7	5/8	15.87	3/4	19.05	1-1/8	28.57





强力镗削刀夹04#
04# HEAVY DUTY BORING BAR HOLDER

HT-0078

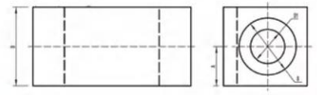
技术参数
Technical Parameter

Equipped with a spilt bushing to accommodate a boring bar of smaller diameter.It permits drilling and boring,etc.

Specification	250-104		250-204		250-304		250-404		250-504	
Model	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
A	3/4	19.05	7/8	22.22	1	25.4	1-1/4	31.75	1-9/16	39.68
B	1-1/2	38.1	1-3/4	44.45	2	50.8	2-1/2	63.5	3-1/8	79.37
D	3/4	19.05	1	25.4	1	25.4	1-1/4	31.75	1-1/2	38.1
D1	5/8	15.87	3/4	19.05	3/4	19.05	1	25.4	1-1/4	31.75

Specification	250-141		250-241		250-341		250-441	
Model	inch	mm	inch	mm	inch	mm	inch	mm
A	7/8	22.22	1	25.4	1-1/8	28.57	1-3/8	28.75
B	1-3/4	44.45	2	50.8	2-1/4	57.15	2-3/4	57.15
D	1	25.4	1-1/4	31.75	1-1/4	31.75	1-1/2	38.1
D1	3-4	19.05	1	25.4	1	25.4	1-1/4	31.75





莫氏锥孔刀夹05#
05# MORSE TAPER HOLDER FOR DRILLING

HT-0079

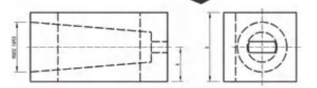
技术参数
Technical Parameter

Drills with carriage by using power feed instead of tail-stock.It permits driuing,boring,and reaming,etc.

Specification	250-105		250-205		250-305		250-405	
Model	inch	mm	inch	mm	inch	mm	inch	mm
A	3/4	19.5	7/8	22.225	1	25.4	1-1/4	31.75
B	1-1/2	38.1	1-3/4	44.45	2	50.8	2-1/2	63.5
M·T	2"	2"	2"	2"	3"	3"	3"	3"

Specification	250-153		250-253		250-353		205-453	
Model	inch	mm	inch	mm	inch	mm	inch	mm
A	3/4	19.05	7/8	22.22	1-1/16	26.98	1-3/16	30.16
B	1-1/2	38.1	1-3/4	44.45	2-1/8	53.97	2-3/8	60.32
M·T	3"	3"	3"	3"	4"	4"	4"	4"





切断刀夹7#
7# TOOL HOLDER FOR PARTING BLADES

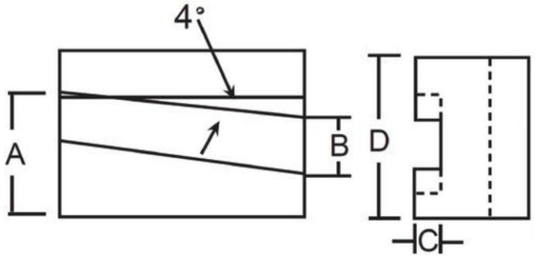
HT-0080

技术参数
Technical Parameter

Equipped with T-cut blades. Enable you to cut off close to chuck.

Specification	250-107		250-207		250-307		250-407		250-507	
Model	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
A	3/16	4.76	3/16	4.76	3/16	4.76	1/4	6.35	1/4	6.35
B	1/2	12.7	11/16	17.46	3/4	19.05	7/8	22.23	1-3/16	30.16
D	1-1/2	38.1	1-3/4	44.45	2	50.8	2-1/2	63.5	2-3/4	69.85





滚花车削刀夹10#
10# KNURLING,TURNING&FACING HOLDER

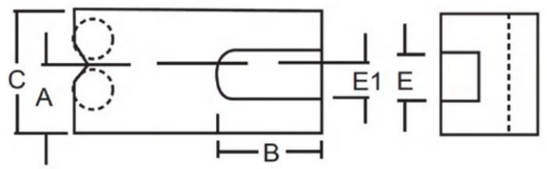
HT-0081

技术参数
Technical Parameter

Equipped with knurls and square tools,enable you to knurl,face,bore,etc.

Specification	250-110		250-210		250-310		250-410		250-510	
Model	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
A	7/8	22.22	1	25.4	1-3/16	30.16	1-7/16	36.51	1-7/8	47.62
B	2-1/2	63.5	2-5/8	66.67	3-1/8	79.37	3-3/4	95.25	4-1/2	114.3
C	1-9/16	39.68	1-3/4	44.45	2	50.8	2-1/2	63.5	3-1/8	79.37
E	1/2	12.7	5/8	15.87	3/4	19. 05	1	25.4	1-1/4	31.75
E1	3/8	9.53	1/2	12.7	1/2	12.7	3/4	19.05	1	25.4





欧式快换刀架
40-POSITION QUICK CHANGE TOOL POSTS(EUROPE STYLE)

HT-0082

产品属性
Product Attributes

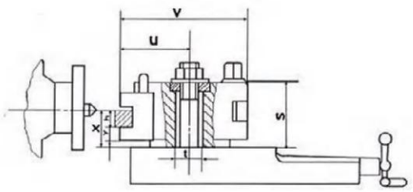
- 设计: 基体和刀架由经过硬化和研磨的优质钢制成。刀架通过偏心螺栓夹紧在基体上。该系统允许刀架在40个可能的角度位置上重复精度为0.01mm。即使在多次更换工具后, 这种精度也能得到保证。A到D型的基本尺寸适合各种范围的车床。
- 应用: 快换刀架的特点是在使用车床工具、钻头、铰刀和镗杆时具有无限的多样性。
- Design:Basic body and tool holder are made of high-quality steel which is hardened and ground. The tool holder is clamped against the basic body by an eccentric bolt.The system allows a repeat accuracy of 0.01mm with 40 possible angular positions of the tool holder.This accuracy is even guaranteed after numerous tool changes.The basic sizes,type A to D suit the various ranges of lathe.
- Application:Quick-change tool holders are characterized by their unlimited diversity in the use of lathe tools, drills,reamers and boring bars.

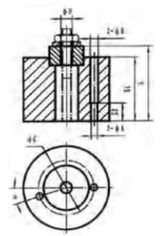
技术参数
Technical Parameter

Size / Parameter	540-000	540-100	540-200	540-300	540-400	540-500
	D12	D16 D20	D20 D25	D25 D32	D32 D40 D45	D40 D50 D63
Driving Power (kw)	1.2	2	4.5	7	13	19
Lathe Swing (mm)	120-220	150-300	200-400	300-500	400-700	600-1000
Xmin (mm)	18.5	25.5 29.5	32 37	38 46	47.5 55.5 61	60 72 85
Xmax (mm)	26.5	36.5 40.5	49 52	58 57	87.5 91.5 91	96 102 105
y (mm)	6.5	9.5	12	13 14	15.5 15.5 16	20 22 22
h (mm)	12	16 20	20 25	25 32	32 40 45	40 50 63
v (mm)	68	104	132	150	192 201 202	230 233 241
s(mm)	37	55	68	76	107	124
u (mm)	34	52	66	73	93 102 103	112 114 122
t (mm)	13	20	20	32	40	40

	Model No.	ΦD	S2	S1	S	ΦA	ΦB	ΦC	α
A0	540-000	6	--	30	37	--	--	--	--
A1	540-100	10	12	45	55.3	5.6	6.8	42	18°
E5	540-200	10	14	57	67.3	5.6	6.8	49	15°
B2	540-300	14	20	65	75	6.9	9	64	30°
C3	540-400	24.5	10	95	107	9.5	11	88	18°
D1	540-500	14	26	110	125	11	14	103	27°







5件套
5-PIECE SETS

HT-0083

技术参数
Technical Parameter

Model No.	Each set includes (5pcs/set)	N.W/kg
TOOA0	1pc tool post 540-000(A0)、3 pcs 540-010(A0D12x50)and 1 pc 540-020(A0B12x50)	1.13
TOOAI	1 pc tool post 540-100(A1)、3 pcs 540-115(A1D20×90)and 1pcs 540-122(A1B20×90)	3.60
TOOE5	1 pc tool post 540-200(B5)、3 pcs 540-211(E5D20x100)and 1pc 540-220(E5B30x100)	7.50
TOOB2	1 pc tool post 540-300(B2)、3 pcs 540-311(B2D25x120)and 1pc 540-320(B2B32x130)	11.80
TOOC3	1 pcstool post 540-400(C3)、3pcs 540-411(C3D32x150)and 1pc 540-422(C3B40x160)	23.70
TOOD1	1pc tool post 540-500(D1)、3 pcs 540-511(D1D40x180)and 1pc 540-520(D1B50x180)	50.00



欧式刀架体
40-POSITION TOOL POST

HT-0084

技术参数
Technical Parameter

Model No.	Series	Lathe swing(mm)	Height of cutting edge range (mm)
540-000	A0	120-220	D12 18.5~26.5
540-100	A1	150-300	D16 25.5-36.5 D20 29.5-40.5
540-200	E5	200-400	D20 32-49 D25 37-52
540-300	B2	300-500	D25 38-58 D32 46-57
540-400	C3	400-700	D32 47.5~87.5 D40 55.5~91.5 D45 61~91
540-500	D1	600-1000	D40 60~96 D50 72~102 D63 85~105



车削刀夹D
TURNING&FACING HOLDER"D"

HT-0085

技术参数
Technical Parameter

Model No.	Series	h(mm)	L(mm)	Model No.	Series	h(mm)	L(mm)
540-010	A0D	12	50	540-311	B2D	25	120
540-111	A1D	16	75	540-312	B2D	25	140
540-112	A1D	16	80	540-313	B2D	32	120
540-113	A1D	16	90	540-314	B2D	32	140
540-114	A1D	20	75	540-411	C3D	32	150
540-110	A1D	20	80	540-412	C3D	32	170
540-115	A1D	20	90	540-413	C3D	40	150
540-211	E5D	20	100	540-414	C3D	40	170
540-212	E5D	25	100	540-415	C3D	45	170
540-213	E5D	12	100	540-511	D1D	40	180
540-214	E5D	16	100	540-512	D1D	50	180
				540-513	D1D	63	180



镗刀夹B
BORING BAR HOLDER"B"

HT-0086

技术参数
Technical Parameter

Model No.	Series	Φd max (mm)	L(mm)	Model No.	Series	Φd max (mm)	L(mm)
540-020	A0B	12	50	540-320	B2B	32	130
540-121	A1B	16	80	540-421	C3B	32	160
540-120	A1B	18	80	540-422	C3B	40	160
540-122	A1B	20	90	540-520	D1B	50	180
540-220	E5B	30	100	540-521	D1B	63	180



圆孔刀夹S
DRILLING& BORING BAR HOLDER "S"

HT-0087



技术参数
Technical Parameter

Model No.	Series	ΦD (mm)	L(mm)	Model No.	Series	ΦD (mm)	L(mm)
540-030	A0S	15	50	540-330	B2S	40	120
540-130	A1S	30	80	540-431	C3S	40	150
540-131	A1S	20	90	540-432	C3S	50	150
540-231	E5S	30	100	540-530	D1S	63	180
540-232	E5S	40	100				

切断刀夹A
CUT-OFF TOOL HOLDER "A"

HT-0088



技术参数
Technical Parameter

Model No.	Series	Blade(mm)	L(mm)	Model No.	Series	Blade(mm)	L(mm)
540-040	A0A	2.7x10	50	540-340	B2A	4x16	120
540-140	A1A	2.7x10	75	540-440	C3A	5x18.5	150
540-240	E5A	2.7x10	100				

莫氏变径套L
M.T.BUSHING "L"

HT-0089



技术参数
Technical Parameter

Model No.	Series	ΦD (mm)	L(mm)	MK	Model No.	Series	ΦD (mm)	L(mm)	MK
540-151	A1L	30	80	1	540-451	C3L	40	140	3
540-152	A1L	30	90	2	540-452	C3L	40	150	4
540-251	E5L	30	96	2	540-453	C3L	50	150	4
540-252	E5L	40	114	3	540-454	C3L	50	150	3
540-350	B2L	40	120	2	540-455	C3L	50	150	5
540-351	B2L	40	120	3	540-550	D1L	63	185	5
540-352	B2L	40	140	4					

意式快换刀架
QUICK CHANGE TOOL POSTS(ITALY STYLE)

HT-0090

产品属性
Product Attributes

- 快换刀架是普通车床的主要备件。
- 它由刀筒体和刀架组成，用于加工各种切削刀具，如圆柱面、端面、切削、滚花、钻孔、扩孔和扩孔等。
- 刀具的高度可以相对于机床主轴的中心线进行调节和定位。它具有外部刀具安装、刀具匹配、快速换刀、定位精度高、硬度高等特点。

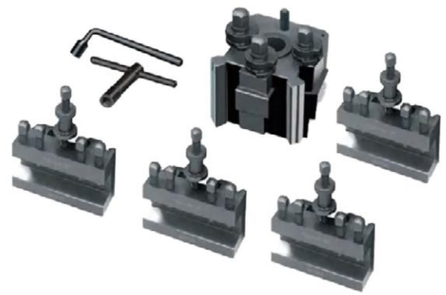
- The quick change tool post is a major spare part of the ordinary lathes.
- It is composed of the cutter-cartridge body and the tool-holder for various cutting tools for processing works like cylindrical facing,end facing,cutting,knurling,drilling,enlarging boring and reaming,etc.
- The height of tools can be regulated and positioned relative to the center line of machine spindle.
  It features external tool-mounting,tool-matching,quick tool-changing,great precision in positioning and great hardness etc.

技术参数
Technical Parameter

5件套5-piece sets

Model No.	Each set includes (5pcs/set)	N.W/kg
M	1 PC 501-M、3 PCS 502-M AND 1PC 503-M	2.89
AR-AP	1PC 501-AR-AP、3 PCS 502-AR-AP AND 1PC 503-AR-AP	4.29
A	1PC 501-A、3 PCS 502-A AND 1PC 503-A	8.90
BR-BP	1PC 501-BR-BP、3 PCS 502-BR-BP AND 1PC 503-BR-BP	12.89
B	1 PC 501-B、3 PCS502-B AND 1PC 503-B	17.26
C	1PC 501-C、3 PCS 502-C AND 1PC 503-C	22.55
D	1PC 501-D、3 PCS 502-D AND 1PC 503-D	44.75

Model No.	Lathe swing	l	AH7	H Min	H Max	L	R	Tmax	Z	φmax	Morse No	φD	M	H1	□
M	180-250	57.7	18	24	34	45	8	16	56	14	1	7	27	18	70
AR-AP	250-300	64.5	18	25	41	56	9	16	63	16	1	8	30	16	80
A	250-350	82.0	24	32	42	60	12	20	75	18	2	10	35	20	100
BR-BP	300-380	91.6	28	38	53	75	13	25	90	20	3	10	40	20	115
B	350-500	100	30	47	65	85	15	32	100	24	3	12	48.2	25	127
C	500-650	115.3	38	51	72	94	19	32	108	26	4	14	58.2	26	145
D	650-1200	133	42	61	95	120	21	40	139	35	5	14	65	40	175



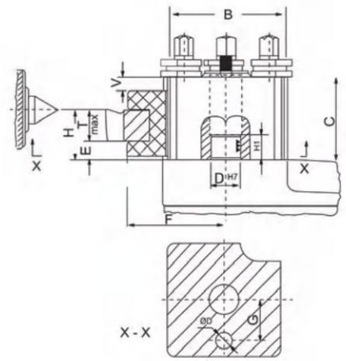
意式刀架体
QUICK CHANGE TOOL POST

HT-0091

技术参数
Technical Parameter

Model No.	Centre height(mm)	Model No.	Centre height(mm)
501-M	120	501-BR-BP	200
501-AR-AP	140	501-B	230
501-A	170	501-C	280
		501-D	350





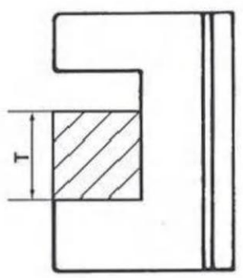
车削刀夹
TOOL HOLDER TOOL BITS

HT-0092

技术参数
Technical Parameter

Model No.	Max square and rectangular tools T(mm)	Model No.	Max square and rectangular tools T(mm)
502-M	16	502-BR-BP	25
502-AR-AP	16	502-B	32
502-A	20	502-C	32
		502-D	40



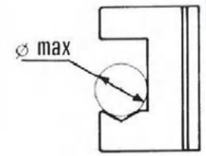


镗刀夹
TOOL HOLDER FOR ROUND SHANKS

HT-0093

技术参数
Technical Parameter





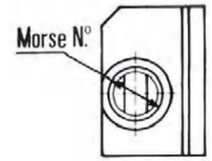
Model No.	Max holding dia. (mm)	Model No.	Max holding dia. (mm)
503-M	14	503-BR-BP	20
503-AR-AP	16	503-B	24
503-A	18	503-C	26
		503-D	35

莫氏锥孔刀夹
TOOL HOLDER MORSE TAPER SHANK

HT-0094

技术参数
Technical Parameter





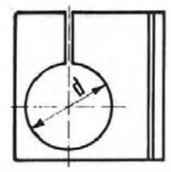
Model No.	Taper Hole	Model No.	Taper Hole
504-M	1MT	504-BR-BP	3MT
504-AR-AP	1MT	504-B	3MT
504-A	2MT	504-C	4MT
		504-D	5MT

圆孔刀夹
TOOL HOLDER FOR BORING BAR

HT-0095

技术参数
Technical Parameter





Model No.	Max holding dia. (mm)	Model No.	Max holding dia. (mm)
540-M	18	540-BR-BP	32
540-AR-AP	20	540-B	40
540-A	25	540-C	50
		540-D	60

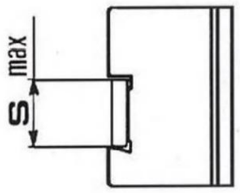
切断刀夹
TOOL HOLDER FOR PARTING BLADES

HT-0096

技术参数
Technical Parameter

Model No.	Parting blade	Model No.	Parting blade
550-M	15x4x3	550-BR-BP	20x6x5
550-AR-AP	18x4x3	550-B	25x6x5
550-A	20x6x5	550-C	30x6x5
		550-D	35x8x7





配件
ACCESSORIES

HT-0097

技术参数
Technical Parameter

Model No.	CH	Model No.	L	Model No.	L	Model No.	ϕ
515-M	7	505-M	66	506-M	20	508-M	7
515-AR-AP	8	505-AR-AP	81	506-AR-AP	26	508-AR-AP	8
515-A	8	505-A	90	506-A	30	508-A	10
515-BR-BP	10	505-BR-BP	108	506-BR-BP	37	508-BR-BP	10
515-B	10	505-B	125	506-B	42	508-B	12
515-C	12	505-C	140.5	506-C	48	508-C	14
515-D	14	505-D	156	506-D	50	508-D	14



英式快换刀架
QUICK CHANGE TOOL POSTS(UK STYLE)

HT-0098

产品属性
Product Attributes

- 快换刀架是普通车床的主要备件。
- 它由刀筒体和刀架组成，用于加工各种切削刀具，如圆柱面、端面、切削、稀释、扩孔和扩孔等。
- 刀具的高度可以相对于机床主轴的中心线进行调节和定位。
- 它具有外部刀具安装、刀具匹配、快速换刀、定位精度高、硬度高等特点。

- The quick change tool post is a major spare part of the ordinary lathes.
- It is composed of the cutter-cartridge body and the tool-holder for various cutting tools for processing works like cylindrical facing,end facing,cutting,drilling,enlarging boring and reaming,etc.
- The height of tools can be regulated and positioned relative to the centerline of machine spindle.
- It features external tool-mounting,tool-matching,quick tool-changing,great precision in positioning and great hardness etc.

技术参数
Technical Parameter

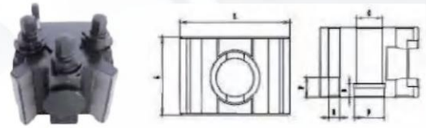
Whole sets

Model No.	Each set includes	N.W/kg
S.0	1 PC XLO、2 PCS STHO	3.3
S.1	1 PCXL1、4 PCS STH1、1 PCS STV1、1 PCS 1MT1	6.2
S.1.X	1 PCXL1X、4 PCS STH1、1 PCS STV1、1 PCS 1MT1	6.5
S.2	1 PCXL2、4 PCS STH2、1 PCS STV2、1 PCS 2MT2	12
S.2.T	1 PCXL2T、4 PCS STH2T、1 PCS STV2T、1 PCS 2MT2	13.5
S.3	1 PCXL3、4 PCS STH3、1 PCS STV3、1 PCS 3MT3	25
S.3.X	1 PCXL3X、4 PCS STH3、1 PCS STV3、1 PCS 3MT3	26.2
S.4	1 PCS XL4、4 PCS STH4、1 PCS STV4	40



英式刀架体
QUICK CHANGE TOOL POST

HT-0099

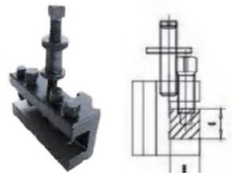


技术参数
Technical Parameter

Model No.	XL0	XL1	XL1X	XL2	XL2T	XL3	XL3X	XL4
Lathe capacity(mm)	up-114	114-127	114-127	127-203	127-203	230-292	203-292	292-381
A(mm)	51	63.5	73	71.5	76	95.1	114	120.5
L(mm)	73	73	73	97.3	106.5	125.5	125.5	149
B(mm)	10	6.5	6.5	8	8	9.5	9.5	12.7
C(mm)	19.05	19.05	19.05	25.4	25.4	25.4	25.4	38.1
D(mm)	22.22	31.75	31.75	44.45	44.45	50.8	50.8	63.5
E(mm)	ϕ8	ϕ8	ϕ8	ϕ9.525	ϕ9.525	ϕ12.5	ϕ12.5	ϕ16
F(mm)	15	15	15	20	20	20	20	20

车削刀夹
TOOL HOLDER TOOL BITS

HT-0100

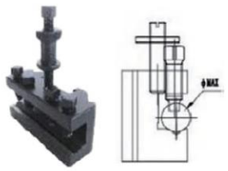


技术参数
Technical Parameter

Model No.	STH0	STH1	STH2	STH2T	STH3	STH4
H(mm)	12.7	19.05	19.05	25.4	31.75	38.1
G(mm)	12.7	12.7	19.05	25.4	22.22	31.75

镗刀夹
TOOL HOLDER FOR ROUND SHANKS

HT-0101

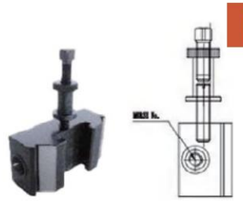


技术参数
Technical Parameter

Model No.	STV1	STV2	STV2T	STV3	STV4
ϕmax(mm)	15.875	19.05	25.4	25.4	25.4

莫氏锥孔刀夹
TOOL HOLDER MORSE TAPER SHANK

HT-0102



技术参数
Technical Parameter

Model No.	1MT1	2MT2	3MT3	1MT2	2MT3
Morse No	1	2	3	2	3



高品质数控产品系列

High quality CNC product series

BBT/BT



HSK



DIN69871



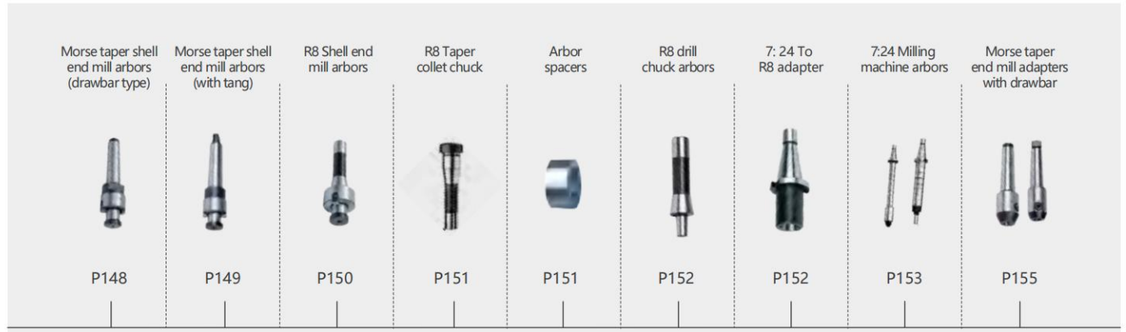
CAT



DIN2080.NT



Mill Arbors



Drill Chuck Arbors



BT/BBT-ER锥数控铣夹头刀柄
BT/BBT-ER MILLING CHUCK HOLDER

HT-0103

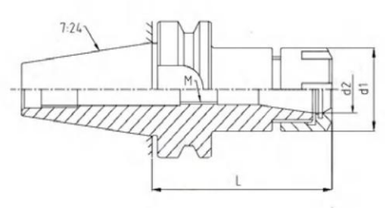
技术参数
Technical Parameter

规格Model	L(mm)	d1(mm)	d2(mm)
BBT/BT30-ER8M-100	100	12	8
BBT/BT30-ER11M-70	70	16	11
BBT/BT30-ER11-60	60	19	11
BBT/BT30-ER11-100	100	19	11
BBT/BT30-ER11-150	150	19	11
BBT/BT30-ER16-60	60	28	16
BBT/BT30-ER16-100	100	28	16
BBT/BT30-ER16-200	200	28	16
BBT/BT30-ER20-60	60	34	20
BBT/BT30-ER20-100	100	34	20
BBT/BT30-ER20-200	200	34	20
BBT/BT30-ER25-60	60	42	25
BBT/BT30-ER25-100	100	42	25
BBT/BT30-ER25-200	200	42	25
BBT/BT30-ER32-60	60	50	32
BBT/BT30-ER32-100	100	50	32
BBT/BT30-ER32-200	200	50	32
BBT/BT30-ER40-80	80	63	40
BBT/BT30-ER40-100	100	63	40
BBT/BT40-ER8M-100	100	12	8
BBT/BT40-ER11M-150	150	16	11
BBT/BT40-ER11-70	70	19	11
BBT/BT40-ER11-100	100	19	11
BBT/BT40-ER11-160	160	19	11
BBT/BT40-ER16-60	60	28	16
BBT/BT40-ER16-100	100	28	16
BBT/BT40-ER16-250	250	28	16
BBT/BT40-ER20-70	70	34	20
BBT/BT40-ER20-100	100	34	20
BBT/BT40-ER20-250	250	34	20
BBT/BT40-ER25-60	60	42	25
BBT/BT40-ER25-100	100	42	25
BBT/BT40-ER25-250	250	42	25
BBT/BT40-ER32-60	60	50	32
BBT/BT40-ER32-100	100	50	32

BT/BBT-ER锥数控铣夹头刀柄
BT/BBT-ER MILLING CHUCK HOLDER
HT-0103
技术参数
Technical Parameter

规格Model	L(mm)	d1(mm)	d2(mm)
BBT/BT40-ER32-250	250	50	32
BBT/BT40-ER40-70	70	63	40
BBT/BT40-ER40-100	100	63	40
BBT/BT40-ER40-200	200	63	40
BBT/BT40-ER50-100	100	78	50
BBT/BT50-ER11-100	100	19	11
BBT/BT50-ER11-150	150	19	11
BBT/BT50-ER16-70	70	28	16
BBT/BT50-ER16-100	100	28	16
BBT/BT50-ER16-200	200	28	16
BBT/BT50-ER20-70	70	34	20
BBT/BT50-ER20-100	100	34	20
BBT/BT50-ER20-300	300	34	20
BBT/BT50-ER25-70	70	42	25
BBT/BT50-ER25-100	100	42	25
BBT/BT50-ER25-300	300	42	25
BBT/BT50-ER32-70	70	50	32
BBT/BT50-ER32-100	100	50	32
BBT/BT50-ER32-300	300	50	32
BBT/BT50-ER40-80	80	63	40
BBT/BT50-ER40-100	100	63	40
BBT/BT50-ER40-300	300	63	40
BBT/BT50-ER50-80	80	78	50
BBT/BT50-ER50-100	100	78	50





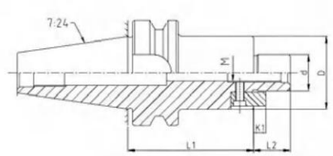
BBT/BT套式立铣刀柄
BBT/BT SHELL MILL HOLDER

HT-0104

技术参数
Technical Parameter

规格Model	L1(mm)	L2(mm)	d(mm)	D(mm)	k1(mm)	M
BBT/BT30-FMB16-45	45	16	16	38	5	M8
BBT/BT30-FMB16-100	100	16	16	38	5	M8
BBT/BT30-FMB22-45	45	18	22	48	5.6	M10
BBT/BT30-FMB22-100	100	18	22	48	5.6	M10
BBT/BT30-FMB27-45	45	20	27	60	6.3	M12
BBT/BT30-FMB27-100	100	20	27	60	6.3	M12
BBT/BT30-FMB32-45	45	22	32	62	7	M16
BBT/BT30-FMB32-100	100	22	32	62	7	M16
BBT/BT40-FMB16-45	45	16	16	38	5	M8
BBT/BT40-FMB16-100	100	16	16	38	5	M8
BBT/BT40-FMB16-300	300	16	16	38	5	M8
BBT/BT40-FMB22-45	45	18	22	48	5.6	M10
BBT/BT40-FMB22-100	100	18	22	48	5.6	M10
BBT/BT40-FMB22-300	300	18	22	48	5.6	M10
BBT/BT40-FMB27-45	45	20	27	60	6.3	M12
BBT/BT40-FMB27-100	100	20	27	60	6.3	M12
BBT/BT40-FMB32-45	45	22	32	62	7	M16
BBT/BT40-FMB32-100	100	22	32	62	7	M16
BBT/BT40-FMB32-250	250	22	32	62	7	M16
BBT/BT40-FMB40-45	45	25	40	78	8	M20
BBT/BT40-FMB40-150	150	25	40	78	8	M20
BBT/BT50-FMB16-60	60	16	16	38	5	M8
BBT/BT50-FMB16-100	100	16	16	38	5	M8
BBT/BT50-FMB16-300	300	16	16	38	5	M8
BBT/BT50-FMB22-60	60	18	22	48	5.6	M10
BBT/BT50-FMB22-100	100	18	22	48	5.6	M10
BBT/BT50-FMB22-300	300	18	22	48	5.6	M10
BBT/BT50-FMB27-60	60	20	27	60	6.3	M12
BBT/BT50-FMB27-100	100	20	27	60	6.3	M12
BBT/BT50-FMB27-300	300	20	27	60	6.3	M12
BBT/BT50-FMB32-60	60	22	32	62	7	M16
BBT/BT50-FMB32-100	100	22	32	62	7	M16
BBT/BT50-FMB32-300	300	22	32	62	7	M16
BBT/BT50-FMB40-60	60	25	40	80	8	M20
BBT/BT50-FMB40-100	100	25	40	80	8	M20
BBT/BT50-FMB40-300	300	25	40	80	8	M20





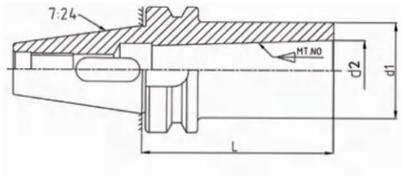
BBT/BT-MTA 数控莫氏变径套
BBT/BT-MTA SERIES MORSE TAPER(WITH FLAT TAIL)

HT-0105

技术参数
Technical Parameter

规格Model	L(mm)	d1(mm)	d2(mm)
BBT/BT30-MTA1-45	45	25	12.065
BBT/BT30-MTA1-180	180	25	12.065
BBT/BT30-MTA2-60	60	32	17.78
BBT/BT30-MTA2-180	180	32	17.78
BBT/BT30-MTA3-80	80	40	23.825
BBT/BT30-MTA3-135	135	40	23.825
BBT/BT40-MTA1-45	45	25	12.065
BBT/BT40-MTA1-180	180	25	12.065
BBT/BT40-MTA2-45	45	32	17.78
BBT/BT40-MTA2-60	60	32	17.78
BBT/BT40-MTA2-180	180	32	17.78
BBT/BT40-MTA3-70	70	40	23.825
BBT/BT40-MTA3-180	180	40	23.825
BBT/BT40-MTA4-90	90	48	31.267
BBT/BT40-MTA4-165	165	48	31.267
BBT/BT50-MTA1-45	45	25	12.065
BBT/BT50-MTA1-180	180	25	12.065
BBT/BT50-MTA2-45	45	32	17.78
BBT/BT50-MTA2-60	60	32	17.78
BBT/BT50-MTA2-200	200	32	17.78
BBT/BT50-MTA3-45	45	32	23.825
BBT/BT50-MTA3-65	65	32	23.825
BBT/BT50-MTA3-150	150	32	23.825
BBT/BT50-MTA4-85	85	48	31.267
BBT/BT50-MTA4-95	95	48	31.267
BBT/BT50-MTA4-180	180	48	31.267
BBT/BT50-MTA5-105	105	63	44.399





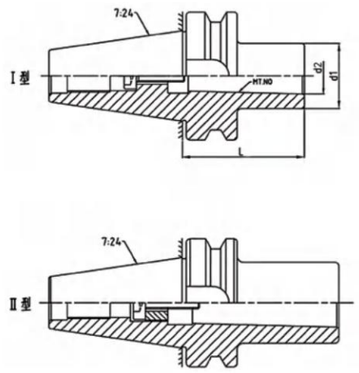
BBT/BT-MTB数控莫氏变径套后拉型
BBT/BT-MTB SERIES MORSE TAPER(WITH DRAWBAR)

HT-0106

技术参数
Technical Parameter

规格Model	L(mm)	d1(mm)	d2(mm)	型式Type
BBT/BT40-MTB1-45	45	25	12.065	I型
BBT/BT40-MTB1-60	60	25	12.065	I型
BBT/BT40-MTB1-100	100	25	12.065	I型
BBT/BT40-MTB2-60	60	32	17.780	I型
BBT/BT40-MTB2-75	75	32	17.780	I型
BBT/BT40-MTB2-100	100	32	17.780	I型
BBT/BT40-MTB3-72	72	40	12.825	II型
BBT/BT40-MTB3-100	100	40	12.065	II型
BBT/BT40-MTB3-135	135	40	12.065	II型
BBT/BT40-MTB4-90	90	48	31.267	II型
BBT/BT40-MTB4-100	100	48	31.267	II型
BBT/BT40-MTB4-165	165	48	31.267	II型
BBT/BT50-MTB1-45	45	25	12.065	I型
BBT/BT50-MTB1-60	60	25	12.065	I型
BBT/BT50-MTB2-45	45	32	17.780	I型
BBT/BT50-MTB2-60	60	32	17.780	I型
BBT/BT50-MTB2-150	150	32	17.780	I型
BBT/BT50-MTB3-60	60	40	23.825	I型
BBT/BT50-MTB3-100	100	40	23.825	I型
BBT/BT50-MTB3-200	200	40	23.825	I型
BBT/BT50-MTB4-82	82	48	31.267	II型
BBT/BT50-MTB4-100	100	48	31.267	II型
BBT/BT50-MTB4-180	180	48	31.267	II型
BBT/BT50-MTB5-115	120	63	44.399	II型





BBT/BT高精度液压刀柄
BBT/BT HIGH PRECISION HYDRAULIC CHUCK

HT-0107

技术参数
Technical Parameter

规格Model	φd	φD1	φD2	L	L1	Insection Length C1	Insection Length C	N.W (kg)
BBT/BT30-PHC03-60	3	25	46	60	19	18	-	0.64
BBT/BT30-PHC3.175-60	3.175	25	46	60	19	18	-	0.64
BBT/BT30-PHC04-65	4	26	46	65	24	23	-	0.66
BBT/BT30-PHC06-75	6	30	46	75	26	29	42	0.81
BBT/BT30-PHC08-75	8	32	46	75	24	30	42	0.82
BBT/BT30-PHC10-75	10	34	46	75	24	34	50	0.83
BBT/BT30-PHC12-75	12	36	46	75	25	36	50	0.84
BBT/BT30-PHC14-90	14	38	46	90	40	42	50	0.96
BBT/BT30-PHC16-90	16	40	46	90	33	43	52	1
BBT/BT30-PHC16-120	16	40	46	120	33	43	52	1.43
BBT/BT30-PHC18-90	18	42	46	90	35	40	52	1.00
BBT/BT30-PHC20-90	20	40	46	90	33	36	52	1.07
BBT/BT30-PHC20-120	20	40	46	120	33	36	52	1.43
BBT/BT30-PHC25-105	25	55	63	105	46	49	80	1.64
BBT/BT30-PHC32-105	32	60	74	105	47	54	80	1.83
BBT/BT40-PHC04-75	4	26	46	75	24	23	-	1.29
BBT/BT40-PHC06-75	6	28	46	75	30	29	46	1.27
BBT/BT40-PHC06-90	6	28	46	90	30	29	46	1.37
BBT/BT40-PHC06-120	6	28	46	120	30	29	46	1.8
BBT/BT40-PHC08-75	8	30	48	75	30	30	46	1.29
BBT/BT40-PHC08-90	8	30	48	90	30	30	46	1.43
BBT/BT40-PHC08-120	8	30	48	120	30	30	46	1.85
BBT/BT40-PHC10-75	10	36	52	75	26	38	57	1.43
BBT/BT40-PHC10-90	10	36	52	90	40	38	57	1.53
BBT/BT40-PHC10-120	10	36	52	120	40	38	57	1.95
BBT/BT40-PHC12-75	12	38	54	75	26	38	57	1.46
BBT/BT40-PHC12-90	12	38	54	90	40	38	57	1.58
BBT/BT40-PHC12-120	12	38	54	120	40	38	57	2.05
BBT/BT40-PHC14-75	14	40	56	75	28	42	57	1.5
BBT/BT40-PHC14-90	14	40	56	90	40	42	57	1.65
BBT/BT40-PHC16-75	16	42	58	75	26	46	75	1.5
BBT/BT40-PHC16-90	16	42	58	90	40	46	75	1.65
BBT/BT40-PHC16-120	16	42	58	120	40	46	75	2.3
BBT/BT40-PHC18-75	18	44	59	75	25	45	75	1.52
BBT/BT40-PHC18-90	18	44	59	90	40	45	75	1.62
BBT/BT40-PHC20-75	20	46	60	75	26	46	75	1.52
BBT/BT40-PHC20-90	20	46	60	90	40	46	75	1.7
BBT/BT40-PHC20-120	20	46	60	120	40	46	75	2.32
BBT/BT40-PHC20-150	20	43	50	150	47	40	52.5	2.35
BBT/BT40-PHC25-105	25	52	62	105	55	46	80	2
BBT/BT40-PHC32-105	32	62	72	105	44	58	90	2.3

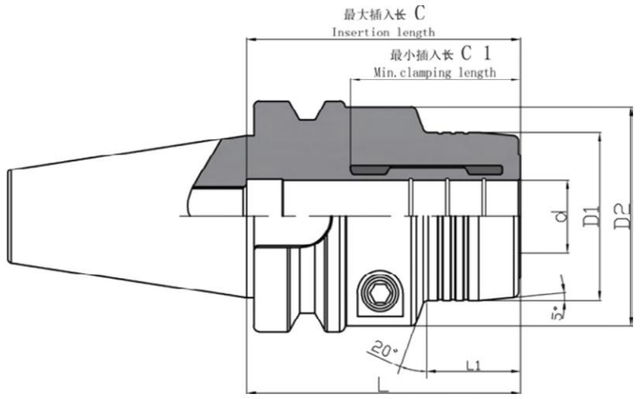
BBT/BT高精度液压刀柄
BBT/BT HIGH PRECISION HYDRAULIC CHUCK

HT-0107

技术参数
Technical Parameter

规格Model	ϕd	ϕD1	ϕD2	L	L1	Insection Length C1	Insection Length C	N.W (kg)
BBT/BT50-PHC06-105	6	28	46	105	25	29	46	4.08
BBT/BT50-PHC08-105	8	30	48	105	25	30	46	4.12
BBT/BT50-PHC10-105	10	36	52	105	26	36	57	4.24
BBT/BT50-PHC12-105	12	38	54	105	26	38	57	4.32
BBT/BT50-PHC14-105	14	40	56	105	25	44	75	4.4
BBT/BT50-PHC16-105	16	42	58	105	26	46	75	4.45
BBT/BT50-PHC18-105	18	44	59	105	26	44	75	4.44
BBT/BT50-PHC20-105	20	46	60	105	26	46	75	4.5
BBT/BT50-PHC20-150	20	46	60	150	26	46	75	4.85
BBT/BT50-PHC25-120	25	52	62	120	56	50	80	4.67
BBT/BT50-PHC32-120	32	62	72	120	43	60	90	5.08
BBT/BT50-PHC32-200	32	62	72	200	42.5	60	90	7.46
BBT/BT50-PHC06-150	6	28	46	150	25	29	46	-
BBT/BT50-PHC08-150	8	30	48	150	25	30	46	-
BBT/BT50-PHC10-150	10	36	52	150	25	36	57	-
BBT/BT50-PHC12-150	12	38	54	150	25	36	57	-
BBT/BT50-PHC16-150	16	42	58	150	25	44	75	-





BBT/BT热缩刀柄
BBT/BT SHRINK FIT HOLDER

HT-0108

技术参数
Technical Parameter

规格Model	L	L1	d1	d2	d3
BBT/BT30-SF03-60	60	9	3	10	-
BBT/BT30-SF03-80	80	9	3	10	-
BBT/BT30-SF04-60	60	12	4	10	-
BBT/BT30-SF04-80	80	12	4	10	-
BBT/BT30-SF05-60	60	15	5	10	-
BBT/BT30-SF05-80	80	15	5	10	-
BBT/BT30-SF06-60	60	36	6	23	-
BBT/BT30-SF06-80	80	36	6	21	27
BBT/BT30-SF08-60	60	36	8	23	-
BBT/BT30-SF08-80	80	36	8	21	27
BBT/BT30-SF10-60	60	42	10	27	-
BBT/BT30-SF10-80	80	42	10	24	32
BBT/BT30-SF12-60	60	47	12	27	-
BBT/BT30-SF12-80	80	47	12	24	32
BBT/BT30-SF14-65	65	47	14	30	-
BBT/BT30-SF14-80	80	47	14	27	34
BBT/BT30-SF16-65	65	50	16	30	-
BBT/BT30-SF16-80	80	50	16	27	34
BBT/BT30-SF18-70	70	50	18	35.5	40.5
BBT/BT30-SF18-90	90	50	18	33	40.5
BBT/BT30-SF20-70	70	52	20	35.5	40.5
BBT/BT30-SF20-90	90	52	20	33	42
BBT/BT40-SF03-90	90	9	3	10	–
BBT/BT40-SF03-120	120	9	3	10	–
BBT/BT40-SF03-130	130	9	3	10	–
BBT/BT40-SF04-90	90	12	4	10	–
BBT/BT40-SF04-120	120	12	4	10	–
BBT/BT40-SF04-130	130	12	4	10	–
BBT/BT40-SF05-90	90	15	5	10	–
BBT/BT40-SF05-120	120	15	5	10	–
BBT/BT40-SF05-130	130	15	5	10	–
BBT/BT40-SF06-90	90	36	6	21	27
BBT/BT40-SF06-120	120	36	6	21	27
BBT/BT40-SF06-130	130	36	6	21	27
BBT/BT40-SF06-160	160	36	6	21	27
BBT/BT40-SF06-200	200	36	6	21	27
BBT/BT40-SF08-90	90	36	8	21	27
BBT/BT40-SF08-120	120	36	8	21	27
BBT/BT40-SF08-130	130	36	8	21	27
BBT/BT40-SF08-160	160	36	8	21	27
BBT/BT40-SF08-200	200	36	8	21	27
BBT/BT40-SF10-90	90	42	10	24	32
BBT/BT40-SF10-120	120	42	10	24	32
BBT/BT40-SF10-130	130	42	10	24	32

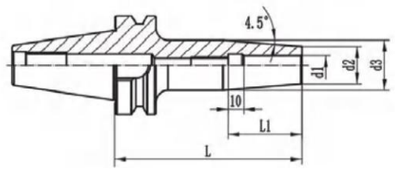
BBT/BT热缩刀柄
BBT/BT SHRINK FIT HOLDER

HT-0108

技术参数
Technical Parameter

规格Model	L	L1	d1	d2	d3
BBT/BT40-SF10-160	160	42	10	24	32
BBT/BT40-SF10-200	200	42	10	24	32
BBT/BT40-SF12-90	90	47	12	24	32
BBT/BT40-SF12-120	120	47	12	24	32
BBT/BT40-SF12-130	130	47	12	24	32
BBT/BT40-SF12-160	160	47	12	24	32
BBT/BT40-SF12-200	200	47	12	24	32
BBT/BT50-SF04-160	160	12	4	10	-
BBT/BT50-SF06-100	100	36	6	21	27
BBT/BT50-SF06-120	120	36	6	21	27
BBT/BT50-SF06-130	130	36	6	21	27
BBT/BT50-SF06-160	160	36	6	21	27
BBT/BT50-SF06-200	200	36	6	21	27
BBT/BT50-SF08-100	100	36	8	21	27
BBT/BT50-SF08-120	120	36	8	21	27
BBT/BT50-SF08-130	130	36	8	21	27
BBT/BT50-SF08-160	160	36	8	21	27
BBT/BT50-SF08-200	200	36	8	21	27
BBT/BT50-SF10-100	100	42	10	24	32
BBT/BT50-SF10-120	120	42	10	24	32
BBT/BT50-SF10-130	130	42	10	24	32
BBT/BT50-SF10-160	160	42	10	24	32
BBT/BT50-SF10-200	200	42	10	24	32
BBT/BT50-SF12-100	100	47	12	24	32
BBT/BT50-SF12-120	120	47	12	24	32
BBT/BT50-SF12-130	130	47	12	24	32
BBT/BT50-SF12-160	160	47	12	24	32
BBT/BT50-SF12-200	200	47	12	24	32
BBT/BT50-SF14-100	100	47	14	27	34
BBT/BT50-SF14-120	120	47	14	27	34
BBT/BT50-SF14-130	130	47	14	27	34
BBT/BT50-SF14-160	160	47	14	27	34
BBT/BT50-SF14-200	200	47	14	27	34
BBT/BT50-SF16-100	100	50	16	27	34
BBT/BT50-SF16-120	120	50	16	27	34
BBT/BT50-SF16-130	130	50	16	27	34
BBT/BT50-SF16-160	160	50	16	27	34
BBT/BT50-SF16-200	200	50	16	27	34





BBT/BT强力夹头刀柄
BBT/BT MILLING CHUCK HOLDER

HT-0109

产品属性
Product Attributes

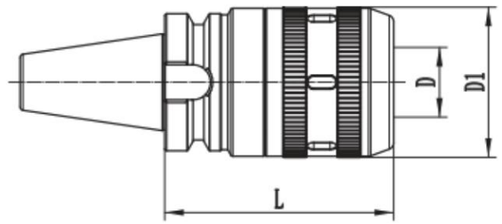
- 采用滚针式旋转加紧,力度均匀牢固,降低了切削振动,可用于强力切削。
- 具有夹紧力强,定心精度高的特点。

- The needle roller rotation is tightened,the strength is uniform and firm,and the cutting vibration is reduced,which can be used for strong cutting.
- It has the characteristics of strong clamping force and high centering accuracy.

技术参数
Technical Parameter

规格Model	L	D	D1
BBT/BT30-C20-95	95	20	55
BBT/BT40-C20-95	95	20	55
BBT/BT40-C20-120	120	20	55
BBT/BT40-C25-100	100	25	62
BBT/BT40-C25-120	120	25	62
BBT/BT40-C32-105	105	32	72
BBT/BT50-C20-105	105	20	55
BBT/BT50-C20-135	135	20	55
BBT/BT50-C25-110	110	25	62
BBT/BT50-C20--135	135	25	62
BBT/BT50-C32-110	110	32	72
BBT/BT50-C32--135	135	32	72
BBT/BT50-C42-105	105	42	87





BBT/BT-SLN侧固立铣刀杆
BBT/BT-SLN END MILL HOLDER

HT-0110

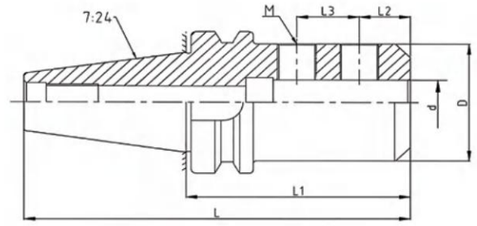
技术参数
Technical Parameter

规格Model	L1(mm)	L2(mm)	L3(mm)	d(mm)	D(mm)	M
BBT/BT30-SLN6-50	50	18	-	6	25	M6
BBT/BT30-SLN6-100	100	18	-	6	25	M6
BBT/BT30-SLN8-50	50	18	-	8	28	M8
BBT/BT30-SLN8-100	100	18	-	8	28	M8
BBT/BT30-SLN10-50	50	20	-	10	35	M10
BBT/BT30-SLN10-100	100	20	-	10	35	M10
BBT/BT30-SLN12-63	63	22.5	-	12	40	M12
BBT/BT30-SLN12-100	100	22.5	-	12	40	M12
BBT/BT30-SLN14-55	55	22.5	-	14	42	M12
BBT/BT30-SLN14-100	100	22.5	-	14	42	M12
BBT/BT30-SLN16-63	63	24	-	16	44	M16
BBT/BT30-SLN16-100	100	24	-	16	44	M16
BBT/BT30-SLN18-63	63	24	-	18	46	M16
BBT/BT30-SLN18-100	100	24	-	18	46	M16
BBT/BT30-SLN20-70	70	25	-	20	50	M16
BBT/BT30-SLN20-100	100	25	-	20	50	M16
BBT/BT30-SLN25-100	100	24	25	25	53	M18
BBT/BT30-SLN25-120	120	24	25	25	53	M18
BBT/BT30-SLN32-100	100	24	28	32	61	M20
BBT/BT30-SLN40-110	110	30	32	40	73	M20
BBT/BT40-SLN6-50	50	18	-	6	25	M6
BBT/BT40-SLN6-100	100	18	-	6	25	M6
BBT/BT40-SLN6-160	160	18	-	6	25	M6
BBT/BT40-SLN8-60	60	18	-	8	28	M8
BBT/BT40-SLN8-100	100	18	-	8	28	M8
BBT/BT40-SLN8-160	160	18	-	8	28	M8
BBT/BT40-SLN10-63	63	20	-	10	35	M10
BBT/BT40-SLN10-100	100	20	-	10	35	M10
BBT/BT40-SLN10-200	200	20	-	10	35	M10
BBT/BT40-SLN12-63	63	22.5	-	12	40	M12
BBT/BT40-SLN12-100	100	22.5	-	12	40	M12
BBT/BT40-SLN12-200	200	22.5	-	12	40	M12
BBT/BT40-SLN14-63	63	22.5	-	14	42	M12
BBT/BT40-SLN14-100	100	22.5	-	14	42	M12
BBT/BT40-SLN14-160	160	22.5	-	14	42	M12
BBT/BT40-SLN16-63	63	24	-	16	44	M16
BBT/BT40-SLN16-100	100	24	-	16	44	M16
BBT/BT40-SLN16-200	200	24	-	16	44	M16
BBT/BT40-SLN18-63	63	24	-	18	46	M16
BBT/BT40-SLN18-100	100	24	-	18	46	M16
BBT/BT40-SLN18-160	160	24	-	18	46	M16
BBT/BT40-SLN20-63	63	25	-	20	50	M16
BBT/BT40-SLN20-100	100	25	-	20	50	M16
BBT/BT40-SLN20-200	200	25	-	20	50	M16
BBT/BT40-SLN25-90	90	24	25	25	53	M18
BBT/BT40-SLN25-100	100	24	25	25	53	M18
BBT/BT40-SLN25-200	200	24	25	25	53	M18

BBT/BT-SLN侧固立铣刀杆
BBT/BT-SLN END MILL HOLDER
HT-0110
技术参数
Technical Parameter

规格Model	L1(mm)	L2(mm)	L3(mm)	d(mm)	D(mm)	M
BBT/BT40-SLN32-100	100	24	28	32	61	M20
BBT/BT40-SLN32-150	150	24	28	32	61	M20
BBT/BT40-SLN32-200	200	24	28	32	61	M20
BBT/BT40-SLN40-100	100	30	32	40	73	M20
BBT/BT40-SLN40-120	120	30	32	40	73	M20
BBT/BT50-SLN6-63	63	18	-	6	25	M6
BBT/BT50-SLN6-100	100	18	-	6	25	M6
BBT/BT50-SLN8-63	63	18	-	8	28	M8
BBT/BT50-SLN8-100	100	18	-	8	28	M8
BBT/BT50-SLN10-63	63	20	-	10	35	M10
BBT/BT50-SLN10-100	100	20	-	10	35	M10
BBT/BT50-SLN10-160	160	20	-	10	35	M10
BBT/BT50-SLN12-80	80	23	-	12	40	M12
BBT/BT50-SLN12-100	100	23	-	12	40	M12
BBT/BT50-SLN14-80	80	23	-	14	42	M12
BBT/BT50-SLN14-100	100	23	-	14	42	M12
BBT/BT50-SLN14-130	130	23	-	14	42	M12
BBT/BT50-SLN16-80	80	24	-	16	44	M16
BBT/BT50-SLN16-100	100	24	-	16	44	M16
BBT/BT50-SLN16-160	160	24	-	16	44	M16
BBT/BT50-SLN18-80	80	24	-	18	46	M16
BBT/BT50-SLN18-100	100	24	-	18	46	M16
BBT/BT50-SLN20-80	80	25	-	20	50	M16
BBT/BT50-SLN20-100	100	25	-	20	50	M16
BBT/BT50-SLN20-300	300	25	-	20	50	M16
BBT/BT50-SLN25-100	100	24	25	25	53	M18
BBT/BT50-SLN25-200	200	24	25	25	53	M18
BBT/BT50-SLN25-300	300	24	25	25	53	M18
BBT/BT50-SLN32-100	100	24	28	32	61	M20
BBT/BT50-SLN32-150	150	24	28	32	61	M20
BBT/BT50-SLN32-300	300	24	28	32	61	M20
BBT/BT50-SLN40-110	110	30	32	40	80	M20
BBT/BT50-SLN40-200	200	30	32	40	80	M20
BBT/BT50-SLN50-150	150	35	35	50	98	M24X2





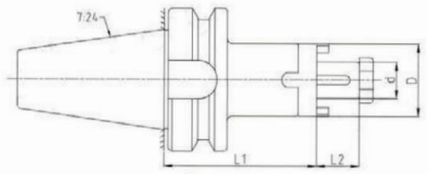
BBT/BT数控混合插入式铣刀杆
BBT/BT COMBI SHELL END MILL TOOLHOLDER

HT-0111

技术参数
Technical Parameter

规格Model	L1(mm)	L2(mm)	d(mm)	D(mm)
BBT/BT30x16-45	45	17	16	32
BBT/BT30×16-55	55	17	16	32
BBT/BT30×22-55	55	19	22	40
BBT/BT30×22-100	100	19	22	40
BBT/BT30×27-55	55	21	27	48
BBT/BT30x32-60	60	24	32	58
BBT/BT30x40-60	60	27	40	70
BBT/BT40×16-55	55	17	16	32
BBT/BT40×16-100	100	17	16	32
BBT/BT40x16-160	160	17	16	32
BBT/BT40×22-55	55	19	22	40
BBT/BT40x22-100	100	19	22	40
BBT/BT40×22-160	160	19	22	40
BBT/BT40×27-55	55	21	27	48
BBT/BT40x27-100	100	21	27	48
BBT/BT40×27-160	160	21	27	48
BBT/BT40x32-60	60	24	32	58
BBT/BT40×32-100	100	24	32	58
BBT/BT40×32-160	160	24	32	58
BBT/BT40×40-60	60	27	40	70
BBT/BT40x40-100	100	27	40	70
BBT/BT50×16-70	70	17	16	32
BBT/BT50×16-100	100	17	16	32
BBT/BT50x16-160	160	17	16	32
BBT/BT50×22-70	70	19	22	40
BBT/BT50×22-100	100	19	22	40
BBT/BT50×22-160	160	19	22	40
BBT/BT50x27-70	70	21	27	48
BBT/BT50×27-100	100	21	27	48
BBT/BT50×27-160	160	21	27	48
BBT/BT50x32-70	70	24	32	58
BBT/BT50x32-100	100	24	32	58
BBT/BT50x32-160	160	24	32	58
BBT/BT50x40-70	70	27	40	70
BBT/BT50×40-100	100	27	40	70
BBT/BT50×40-160	160	27	40	70
BBT/BT50x50-75	75	30	50	90
BBT/BT50×50-100	100	30	50	90





BBT/BT螺纹锁固式刀柄
BBT/BT THREAD LOCKING TYPE HOLDER

HT-0112

技术参数
Technical Parameter

型号Model	M	d1	d2	d	L1
BBT/BT30-MCA06-50	6	6.5	10	20	50
BBT/BT30-MCA08-50	8	8.5	13	23	50
BBT/BT30-MCA08-75	8	8.5	13	23	75
BBT/BT30-MCA08-100	8	8.5	13	25	100
BBT/BT30-MCA10-50	10	10.5	18	23	50
BBT/BT30-MCA10-75	10	10.5	18	28	75
BBT/BT30-MCA10-100	10	10.5	18	32	100
BBT/BT30-MCA12-50	12	12.5	21	30	50
BBT/BT30-MCA12-75	12	12.5	21	31	75
BBT/BT30-MCA12-100	12	12.5	21	36	100
BBT/BT30-MCA16-50	16	17	29	34	50
BBT/BT30-MCA16-75	16	17	29	34	75
BBT/BT30-MCA16-100	16	17	29	40	100
BBT/BT40-MCA06-50	6	6.5	10	20	50
BBT/BT40-MCA08-50	8	8.5	13	23	50
BBT/BT40-MCA08-75	8	8.5	13	23	75
BBT/BT40-MCA08-100	8	8.5	13	25	100
BBT/BT40-MCA10-50	10	10.5	18	23	50
BBT/BT40-MCA10-75	10	10.5	18	28	75
BBT/BT40-MCA10-100	10	10.5	18	32	100
BBT/BT40-MCA12-50	12	12.5	21	30	50
BBT/BT40-MCA12-75	12	12.5	21	31	75
BBT/BT40-MCA12-100	12	12.5	21	36	100
BBT/BT40-MCA16-50	16	17	29	34	50
BBT/BT40-MCA16-75	16	17	29	34	75
BBT/BT40-MCA16-100	16	17	29	40	100

BBT/BT螺纹锁固式刀柄
BBT/BT THREAD LOCKING TOOL HOLDER

HT-0112

产品属性
Product Attributes

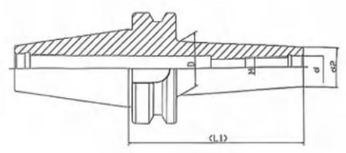
- 采用高强度特殊材质，经特殊处理后产品具有高耐磨性；
- 淬火硬度可达HRC58-62，渗碳深度>0.8mm；
- 标准动平衡精度G6.3/12000rpm；
- 高性能可换刀头与刚性刀柄的结合采用螺纹链接可迅速更换，降低成本；
- 螺纹刀柄的锁固方式依靠螺牙来锁紧操作简单方便。

- The holder is made of imported high strength material and has high wear resistance after special treatment;
- Quenching hardness up to HRC58-62,carburizing depth of >0.8mm;
- Standard dynamic balancing G6.3/12000rpm;
- The combination of high performance replaceable tool head and rigid tool handle adopts screw jointlt can be replaced quickly toreduce the cost;
- Thelocking method of threaded tool holder relies on the screw teeth for simple locking operation convenient.

技术参数
Technical Parameter

型号Model	M	d1	d2	d	L1
BBT/BT50-MCA06-50	6	6.5	10	20	50
BBT/BT50-MCA08-50	8	8.5	13	23	50
BBT/BT50-MCA08-75	8	8.5	13	23	75
BBT/BT50-MCA08-100	8	8.5	13	25	100
BBT/BT50-MCA10-50	10	10.5	18	23	50
BBT/BT50-MCA10-75	10	10.5	18	28	75
BBT/BT50-MCA10-100	10	10.5	18	32	100
BBT/BT50-MCA12-50	12	12.5	21	30	50
BBT/BT50-MCA12-75	12	12.5	21	31	75
BBT/BT50-MCA12-100	12	12.5	21	36	100
BBT/BT50-MCA16-50	16	17	29	34	50
BBT/BT50-MCA16-75	16	17	29	34	75
BBT/BT50-MCA16-100	16	17	29	40	100





BBT/BT超高精自紧钻夹头刀柄
BBT/BT HIGH PRECISION CPU DRILL CHUCK

HT-0113

产品属性
Product Attributes

- 用于加工中心或数控机床专用刀柄，前端装配钻夹头。
- 根据需要可提供普通钻夹头或高精钻夹头。

- Special tool holder for machining center or CNC machine tool, with drill chuck installed at the front end.
- Ordinary drill chuck or high-precision drill chuck can be provided as required.

技术参数
Technical Parameter

Shank	Capacity mm	A mm	D mm	N.W(kg)
BBT/BT30	1-13	82	45	1.55
BBT/BT40	1-13	89	45	1.7
BBT/BT40	1-16	95	50	1.8
BBT/BT50	1-16	116	50	4.7



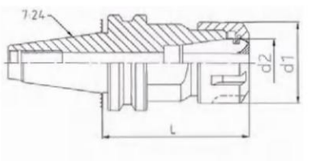
ISO-ER数控铣夹头刀柄
ISO SERIES MILLING TOOLHOLDER

HT-0114

技术参数
Technical Parameter

规格Model	L(mm)	d1(mm)	d2(mm)
ISO30-ER32-45	45	50	32
ISO30-ER32-60	60	50	32
ISO30-ER32-100	100	50	32





HSK-ER弹簧夹头刀柄
HSK-ER COLLET CHUCK

HT-0115

产品属性
Product Attributes

- 螺帽为预设动平衡螺帽;
- 用于加工中心或数控机床专用刀柄;
- 使用时夹头必须先装入螺帽,再装入刀具,然后锁固入刀柄体;
- 可根据客户需求精确动平衡G6.3 15000rpm、G2.5 25000rpm。

- The nut is a preset dynamic balancing nut;
- For special tool holders for machining centers or CNC machine tools;
- When using,the chuck must be loaded with the nut first,then the tool,and then locked into the toolholder body;
- Accurate dynamic balancing G6.3 15000rpm,G2.5 25000rpm can be achieved according to customer needs.

技术参数
Technical Parameter

规格Model	L	d1	d2	d3
HSK40A-ER20-80	80	34	20	34
HSK40A-ER25-80	80	42	25	42
HSK40A-ER32-100	100	50	32	50
HSK50A-ER16-80	80	28	16	28
HSK50A-ER16-100	100	28	16	28
HSK50A-ER20-80	50	34	20	34
HSK50A-ER16-100	100	34	20	34
HSK50A-ER25-80	80	42	25	42
HSK50A-ER16-100	100	42	25	42
HSK50A-ER32-100	100	50	32	50
HSK63A-ER16-75	75	28	16	28
HSK63A-ER16-90	90	28	16	28
HSK63A-ER16-100	100	28	16	28
HSK63A-ER16-120	120	28	16	28
HSK63A-ER16-150	150	28	16	28
HSK63A-ER16-160	160	28	16	28
HSK63A-ER16-200	200	28	16	28
HSK63A-ER16-250	250	28	16	28
HSK63A-ER20-75	75	34	20	34
HSK63A-ER20-80	80	34	20	34
HSK63A-ER20-90	90	34	20	34
HSK63A-ER20-100	100	34	20	34
HSK63A-ER20-120	120	34	20	34
HSK63A-ER20-150	150	34	20	34
HSK63A-ER20-160	160	34	20	34
HSK63A-ER20-200	200	34	20	34
HSK63A-ER20-250	250	34	20	34
HSK63A-ER25-75	75	42	25	42

HSK-ER弹簧夹头刀柄
HSK-ER COLLET CHUCK HOLDER

HT-0115

技术参数
Technical Parameter

规格Model	L	d1	d2	d3
HSK63A-ER25-80	80	42	25	42
HSK63A-ER25-90	90	42	25	42
HSK63A-ER25-100	100	42	25	42
HSK63A-ER25-120	120	50	25	42
HSK63A-ER25-150	150	50	25	42
HSK63A-ER25-160	160	50	25	42
HSK63A-ER25-200	200	50	25	42
HSK63A-ER25-250	250	50	25	42
HSK63A-ER25-300	300	50	25	42
HSK63A-ER32-80	80	50	32	50
HSK63A-ER32-90	90	50	32	50
HSK63A-ER32-100	100	50	32	50
HSK63A-ER32-120	120	63	32	50
HSK63A-ER32-150	150	63	32	50
HSK63A-ER32-160	160	63	32	50
HSK63A-ER32-200	200	63	32	50
HSK63A-ER32-250	250	63	32	50
HSK63A-ER32-300	300	63	32	50
HSK63A-ER40-80	80	63	40	50
HSK63A-ER40-90	90	63	40	50
HSK63A-ER40-100	100	28	40	50
HSK63A-ER40-120	120	28	40	50
HSK63A-ER40-150	150	28	40	50
HSK63A-ER40-160	160	28	40	50
HSK63A-ER40-200	200	28	40	50
HSK63A-ER40-250	250	28	40	50
HSK63A-ER40-300	300	28	40	50
HSK100A-ER16-100	100	28	16	28
HSK100A-ER16-120	120	28	16	28
HSK100A-ER16-150	150	28	16	28
HSK100A-ER16-165	165	34	16	28
HSK100A-ER16-200	200	34	16	28
HSK100A-ER16-250	250	34	16	28
HSK100A-ER16-300	300	34	16	28
HSK100A-ER16-350	350	34	16	28
HSK100A-ER20-100	100	34	20	34
HSK100A-ER20-120	120	34	20	34
HSK100A-ER20-135	135	34	20	34
HSK100A-ER20-150	150	34	20	34
HSK100A-ER20-165	165	34	20	34
HSK100A-ER20-200	200	34	20	34

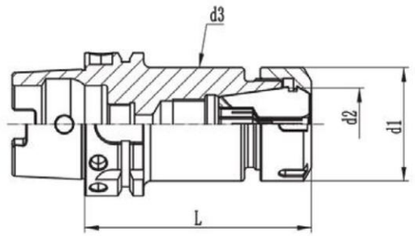
HSK-ER弹簧夹头刀柄
HSK-ER COLLET CHUCK HOLDER

HT-0115

技术参数
Technical Parameter

规格Model	L	d1	d2	d3
HSK100A-ER20-250	250	34	20	34
HSK100A-ER20-300	300	34	20	34
HSK100A-ER20-350	350	34	20	34
HSK100A-ER25-100	100	42	25	42
HSK100A-ER25-120	120	42	25	42
HSK100A-ER25-150	150	42	25	42
HSK100A-ER25-165	165	42	25	42
HSK100A-ER25-200	200	42	25	42
HSK100A-ER25-250	250	42	25	42
HSK100A-ER25-300	300	42	25	42
HSK100A-ER25-350	350	42	25	42
HSK100A-ER25-400	400	42	25	42
HSK100A-ER32-100	100	50	32	50
HSK100A-ER32-120	120	50	32	50
HSK100A-ER32-150	150	50	32	50
HSK100A-ER32-165	165	50	32	50
HSK100A-ER32-200	200	50	32	50
HSK100A-ER32-250	250	50	32	50
HSK100A-ER32-300	300	50	32	50
HSK100A-ER32-350	350	50	32	50
HSK100A-ER32-400	400	50	32	50
HSK100A-ER40-100	100	63	40	63
HSK100A-ER40-120	120	63	40	63
HSK100A-ER40-150	150	63	40	63
HSK100A-ER40-165	165	63	40	63
HSK100A-ER40-200	200	63	40	63
HSK100A-ER40-250	250	63	40	63
HSK100A-ER40-300	300	63	40	63
HSK100A-ER40-350	350	63	40	63
HSK100A-ER40-400	400	63	40	63





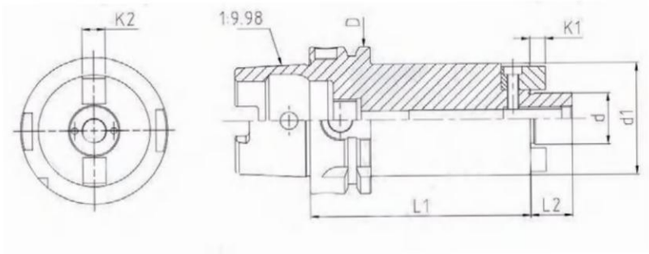
HSK套式立铣刀柄
HSK SHELL END MILL ADAPTER

HT-0116

技术参数
Technical Parameter

规格Model	L1(mm)	L2(mm)	D(mm)	d(mm)	d1(mm)	k1(mm)	k2(mm)
HSK50A-FMB16-50	50	16	50	16	38	5	8
HSK50A-FMB22-60	60	18	50	22	48	5.6	10
HSK50A-FMB27-60	60	20	50	27	60	6.3	12
HSK50A-FMB32-60	60	22	50	32	62	7	14
HSK63A-FMB16-50	50	16	63	16	38	5	8
HSK63A-FMB16-100	100	16	63	16	38	5	8
HSK63A-FMB16-160	160	16	63	16	38	5	8
HSK63A-FMB22-60	60	18	63	22	48	5.6	10
HSK63A-FMB22-100	100	18	63	22	48	5.6	10
HSK63A-FMB22-160	160	18	63	22	48	5.6	10
HSK63A-FMB27-60	60	20	63	27	60	6.3	12
HSK63A-FMB27-100	100	20	63	27	60	6.3	12
HSK63A-FMB27-160	160	20	63	27	60	6.3	12
HSK63A-FMB32-65	65	22	63	32	62	7	14
HSK63A-FMB32-100	100	22	63	32	62	7	14
HSK63A-FMB32-150	150	22	63	32	62	7	14
HSK63A-FMB40-65	65	25	63	40	78	8	76
HSK63A-FMB40-100	100	25	63	40	78	8	76
HSK100A-FMB22-55	55	18	100	22	48	5.6	10
HSK100A-FMB27-55	55	20	100	27	60	6.3	12
HSK100A-FMB32-55	55	22	100	32	62	7	14
HSK100A-FMB40-60	60	25	100	40	78	8	16





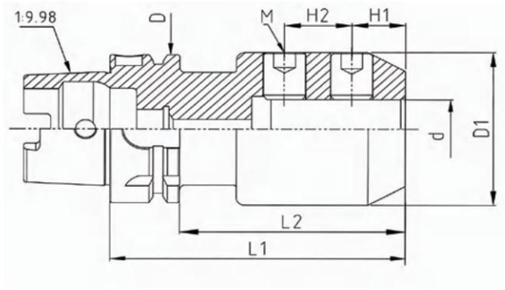
HSK侧固式刀柄
HSK END MILL HOLDER

HT-0117

技术参数
Technical Parameter

规格Model	L1(mm)	L2(mm)	d(mm)	D(mm)	D1(mm)	M
HSK50A-SLN6-65	65	39	6	50	25	M6
HSK50A-SLN8-65	65	39	8	50	28	M8
HSK50A-SLN10-65	65	39	10	50	35	M10
HSK50A-SLN12-80	80	54	12	50	40	M12
HSK50A-SLN14-80	80	54	14	50	42	M12
HSK50A-SLN16-80	80	54	16	50	44	M16
HSK50A-SLN18-80	80	64	18	50	46	M16
HSK50A-SLN20-80	80	64	20	50	50	M16
HSK63A-SLN6-65	65	39	6	63	25	M6
HSK63A-SLN8-65	65	39	8	63	28	M8
HSK63A-SLN10-80	80	54	10	63	35	M10
HSK63A-SLN12-80	80	54	12	63	40	M12
HSK63A-SLN14-80	80	54	14	63	42	M12
HSK63A-SLN16-80	80	54	16	63	44	M16
HSK63A-SLN18-80	80	54	18	63	46	M16
HSK63A-SLN20-80	80	54	20	63	50	M16
HSK63A-SLN25-110	110	84	25	63	53	M18
HSK63A-SLN32-110	110	84	32	63	61	M20
HSK100A-SLN6-80	80	51	6	100	25	M6
HSK100A-SLN8-80	80	51	8	100	28	M8
HSK100A-SLN10-80	80	51	10	100	35	M10
HSK100A-SLN12-80	80	51	12	100	40	M12
HSK100A-SLN14-80	80	51	14	100	42	M12
HSK100A-SLN16-100	100	71	16	100	44	M16
HSK100A-SLN18-100	100	71	18	100	46	M16
HSK100A-SLN20-100	100	71	20	100	50	M16
HSK100A-SLN25-100	100	71	25	100	53	M18
HSK100A-SLN32-100	100	71	32	100	61	M20
HSK100A-SLN40-120	120	91	40	100	80	M20





HSK莫氏刀柄
HSK MORSE TAPER HOLDER

HT-0118

产品属性
Product Attributes

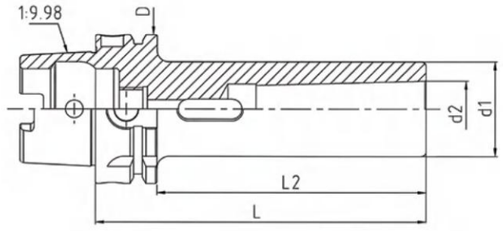
- 该刀柄是用于高速切削应用刀具的柄，可承受最大弯矩，扭矩；
- 内锥可装夹刀具用于加工零件；
- 可快速取出刀具,使用方便；
- 降低了刀具和刀套的磨损度。

- This tool holder is used for high-speed cutting applications and can with stand maximum bending moment and torque;
- The inner cone can clamp the tool for machining parts;
- The tool can be removed quickly and is easy to use;
- Reduces the wear of the tool and tool holder.

技术参数
Technical Parameter

规格Model	L	d1	d2
HSK50A-MTA2-120	120	32	17.78
HSK50A-MTA3-140	140	40	23.825
HSK63A-MTA1-100	100	25	12.065
HSK63A-MTA2-120	120	32	17.78
HSK63A-MTA3-140	140	40	23.825
HSK63A-MTA4-160	160	48	31.267
HSK100A-MTA1-110	110	25	12.065
HSK100A-MTA2-120	120	32	17.78
HSK100A-MTA3-150	150	40	23.825
HSK100A-MTA4-170	170	48	31.267
HSK100A-MTA5-200	200	63	44.399





HSK强力夹头刀柄
HSK POWER MILLING CHUCK

HT-0119

产品属性
Product Attributes

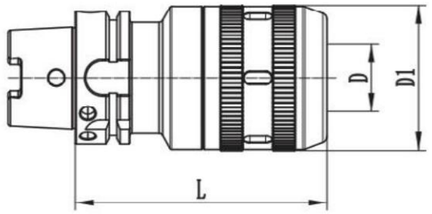
- 采用滚针式旋转加紧,力度均匀牢固,降低了切削振动,可用于强力切削。
- 具有夹紧力强,定心精度高的特点。

- The needle roller rotation is tightened, the strength is uniform and firm, and the cutting vibration is reduced, which can be used for strong cutting.
- It has the characteristics of strong clamping force and high centering accuracy.

技术参数
Technical Parameter

规格Model	L	D	D1
HSK63A-C20-105	105	20	52
HSK63A-C25-110	110	25	62
HSK63A-C32-115	115	32	72
HSK100A-C20-110	110	20	52
HSK100A-C25-115	115	25	62
HSK100A-C32-120	120	32	72
HSK100A-C42-120	120	42	87





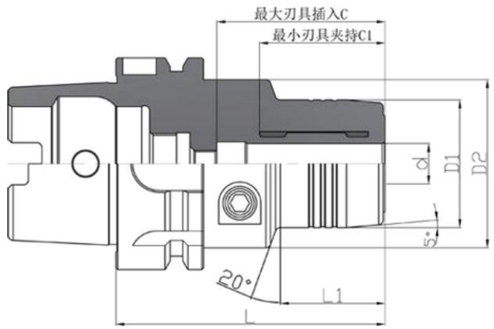
HSK高精度液压刀柄
HSK HIGH PRECISION HYDRAULIC CHUCK

HT-0120

技术参数
Technical Parameter

规格Model	ϕd	ϕD1	ϕD2	L	L1	Insection Length C1	Insection Length C	N.W (kg)
HSK63A-PHC03-65	3	25	46	65	19	18	-	0.91
HSK63A-PHC3.175-65	3.175	25	46	65	19	18	-	0.91
HSK63A-PHC06-80	6	32	48	80	32	29	46	1.08
HSK63A-PHC08-80	8	34	50	80	32	30	46	1.13
HSK63A-PHC10-80	10	36	52.5	80	32	31	50	1.17
HSK63A-PHC12-80	12	38	52.5	80	32	32	50	1.2
HSK63A-PHC16-90	16	42	52.5	90	41	40	60	1.3
HSK63A-PHC20-90	20	46	52.5	90	41	40	60	1.35
HSK63A-PHC25-120	25	53	63	120	55.5	49	85	1.98
HSK63A-PHC32-125	32	60	75	125	60.5	61	95	2.29
HSK100A-PHC06-85	6	32	50	85	30	29	45	2.46
HSK100A-PHC06-150	6	32	50	150	30	29	45	2.82
HSK100A-PHC08-85	8	34	50	85	30	30	45	2.48
HSK100A-PHC08-150	8	34	50	150	30	30	45	2.95
HSK100A-PHC10-90	10	36	52	90	34	36	50	2.6
HSK100A-PHC10-150	10	36	52	150	34	36	50	3.25
HSK100A-PHC12-95	12	38	52	95	38	38	50	2.64
HSK100A-PHC12-150	12	38	52	150	38	38	50	3.57
HSK100A-PHC16-100	16	42	58	100	40	43	54	2.86
HSK100A-PHC16-150	16	42	58	150	40	43	54	3.7
HSK100A-PHC18-105	18	42	58	105	30	44	50	3
HSK100A-PHC20-105	20	46	60	105	45	40	53	3.01
HSK100A-PHC20-150	20	46	60	150	45	40	53	3.73
HSK100A-PHC25-110	25	53	63	110	55.5	49	72	3.18
HSK100A-PHC32-110	32	62	75	110	55.5	54	72	3.59





HSK-A热缩刀柄
HSK-A SHRINK FIT HOLDER

HT-0121

技术参数
Technical Parameter

规格Model	ϕd	ϕD1	ϕD2	L	Insection Length C1	Insection Length C
HSK63A-SF04-80	4	15	20	80	14	-
HSK63A-SF06-80	6	21	27	80	25	36
HSK63A-SF06-120	6	21	27	120	25	36
HSK63A-SF06-160	6	21	27	160	25	36
HSK63A-SF06-200	6	21	27	200	25	36
HSK63A-SF08-80	8	21	27	80	25	36
HSK63A-SF08-120	8	21	27	120	25	36
HSK63A-SF08-160	8	21	27	160	25	36
HSK63A-SF08-200	8	21	27	200	25	36
HSK63A-SF10-85	10	24	32	85	31	42
HSK63A-SF10-120	10	24	32	120	31	42
HSK63A-SF10-160	10	24	32	160	31	42
HSK63A-SF10-200	10	24	32	200	31	42
HSK63A-SF12-90	12	24	32	90	36	47
HSK63A-SF12-120	12	24	32	120	36	47
HSK63A-SF12-160	12	24	32	160	36	47
HSK63A-SF12-200	12	24	32	200	36	47
HSK63A-SF14-90	14	27	34	90	36	47
HSK63A-SF16-95	16	27	34	90	39	50
HSK63A-SF16-120	16	27	34	120	39	50
HSK63A-SF16-160	16	27	34	160	39	50
HSK63A-SF16-200	16	27	34	200	39	50
HSK63A-SF18-95	18	33	42	90	39	50
HSK63A-SF20-100	20	33	42	90	41	52
HSK63A-SF20-120	20	33	42	120	41	52
HSK63A-SF20-160	20	33	42	160	41	52
HSK63A-SF25-115	25	44	53	100	47	58
HSK63A-SF25-160	25	44	53	160	47	58
HSK63A-SF25-200	25	44	53	200	47	58
HSK63A-SF32-120	32	44	53	100	47	58
HSK63A-SF32-160	32	44	53	160	47	58
HSK100A-SF06-85	6	21	27	85	25	36
HSK100A-SF06-120	6	21	27	120	25	36

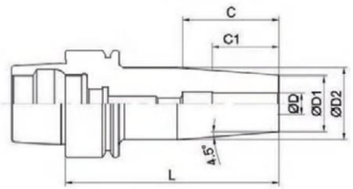
HSK-A热缩刀柄-标准款
HSK-A SHRINK FIT HOLDER

HT-0122

技术参数
Technical Parameter

规格Model	ϕd	ϕD1	ϕD2	L	Insection Length C1	Insection Length C
HSK100A-SF06-160	6	21	27	160	25	36
HSK100A-SF06-200	6	21	27	200	25	36
HSK100A-SF08-85	8	21	27	85	25	36
HSK100A-SF08-120	8	21	27	120	25	36
HSK100A-SF08-160	8	21	27	160	25	36
HSK100A-SF08-200	8	21	27	200	25	36
HSK100A-SF10-90	10	24	32	90	31	42
HSK100A-SF10-120	10	24	32	120	31	42
HSK100A-SF10-160	10	24	32	160	31	42
HSK100A-SF10-200	10	24	32	200	31	42
HSK100A-SF12-95	12	24	32	95	36	47
HSK100A-SF12-120	12	24	32	120	36	47
HSK100A-SF12-160	12	24	32	160	36	47
HSK100A-SF12-200	12	24	32	200	36	47
HSK100A-SF14-95	14	27	34	95	36	47
HSK100A-SF16-100	16	27	34	100	39	50
HSK100A-SF16-160	16	27	34	160	39	50
HSK100A-SF16-200	16	27	34	200	39	50
HSK100A-SF18-100	18	33	42	100	39	50
HSK100A-SF20-100	20	33	42	100	41	52
HSK100A-SF20-160	20	33	42	160	41	52
HSK100A-SF20-200	20	33	42	200	41	52
HSK100A-SF25-115	25	44	53	115	47	58
HSK100A-SF25-160	25	44	53	160	47	58
HSK100A-SF25-200	25	44	53	200	47	58
HSK100A-SF32-120	32	44	53	120	47	58
HSK100A-SF32-160	32	44	53	160	47	58





HSK整体式钻夹头刀柄
HSK SOILD DRILL CHUCK HOLDER

HT-0123

产品属性
Product Attributes

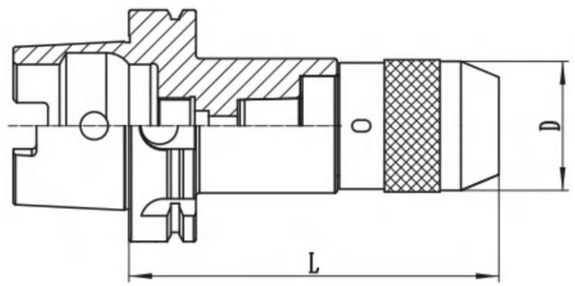
- 用于加工中心或数控机床专用刀柄,前端装配钻夹头;
- 根据需要可提供普通钻夹头或高精钻夹头;
- 操作容易,快速方便,安全性高,不易松脱。

- Special tool holder for machining center or CNC machine tool, with drill chuck installed at the front end;
- Ordinary drill chuck or high-precision drill chuck can be provided as required;
- Easy to operate, fast and convenient, high safety, not easy to loosen.

技术参数
Technical Parameter

规格Model	L (mm)	D (mm)	Clamping Range/mm
HSK63A-APU08-120	120	37	0.5~8
HSK63A-APU13-150	150	49	1~13
HSK63A-APU16-165	165	54	1~16





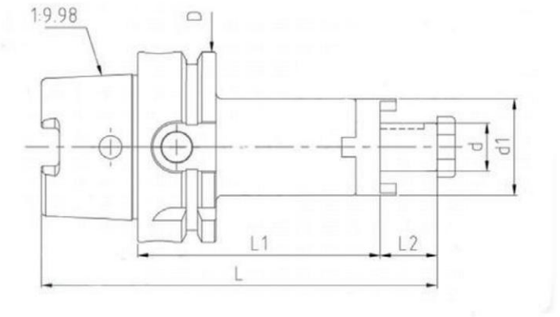
HSK-数控混合插入式铣刀杆
HSK COMBI SHELL END MILL TOOL HOLDER

HT-0124

技术参数
Technical Parameter

规格Model	L	L1	L2	D	d1	d2
HSK50Ax16-50	92	50	17	50	16	32
HSK50Ax22-50	94	50	19	50	22	40
HSK50Ax27-65	111	65	21	50	27	48
HSK50Ax32-65	114	65	24	50	32	58
HSK63Ax16-60	109	60	17	63	16	32
HSK63Ax22-60	111	60	19	63	22	40
HSK63Ax27-60	113	60	21	63	27	48
HSK63Ax32-60	116	60	24	63	32	58
HSK63Ax40-70	129	70	27	63	40	70
HSK100Ax22-60	127	60	19	100	22	40
HSK100Ax27-60	129	60	21	100	27	48
HSK100Ax32-60	131	60	24	100	32	58
HSK100Ax40-70	144	70	27	100	40	70
HSK100Ax50-70	147	70	30	100	50	90
HSK100Ax50-80	160	80	30	100	50	90





HSK-GER夹头刀柄
HSK-GER COLLET CHUCK

HT-0125

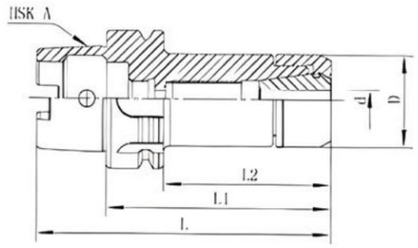
产品属性
Product Attributes

- 材料:20 CrMnTi
- 硬度:HRC56-58
- 进夹头和更换刀具时，必须清理螺帽和本体的螺纹，并添加油脂，否则会对螺纹造成损坏，全圆无偏心螺母设计，噪音低，风阻小，适合高速运行。
- Material:20CrMnTi
- Hardness: HRC56-58
- Into the collet and replacement of cutting tools, must clean up the thread of nut and onto logy,and add grease, otherwise it will cause damage to the screw thread,full circle-no eccentric nut design, low noise,small wind resistance,suitable for high speed .

技术参数
Technical Parameter

	Order No.	L	L1	L2	D	d
HSK63A	GER16-75	102	75	49	27.5	1-10
	GER16-100	132	100	74	27.5	1-10
	GER16-130	162	130	104	27.5	1-10
	GER16-160	192	160	134	27.5	1-10
	GER20-75	102	75	49	30.5	1-13
	GER20-100	132	100	74	30.5	1-13
	GER20-130	162	130	104	30.5	1-13
	GER20-160	192	160	134	30.5	1-13
	GER25-75	102	75	49	35.5	3-16
	GER25-100	132	100	74	35.5	3-16
	GER25-130	162	130	104	35.5	3-16
	GER25-160	192	160	134	35.5	3-16
	GER32-75	102	75	49	48.5	3-20
	GER32-100	132	100	74	48.5	3-20
	GER32-130	162	130	104	48.5	3-20
	GER32-160	192	160	134	48.5	3-20
HSK100A	GER16-100	150	100	71	27.5	1-10
	GER16-160	210	160	131	27.5	1-10
	GER20-100	150	100	71	30.5	1-13
	GER20-160	210	160	131	30.5	1-13
	GER25-100	150	100	71	35.5	3-16
	GER25-160	210	160	131	35.5	3-16
	GER32-100	150	100	71	48.5	3-20
	GER32-160	210	160	131	48.5	3-20





HSK-SDC夹头刀柄
HSK-SDC COLLET CHUCK

HT-0126

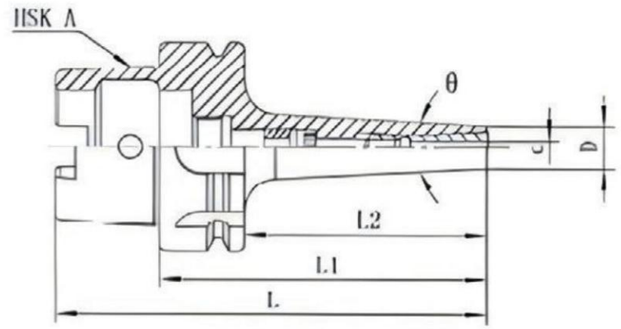
产品属性
Product Attributes

- 夹头螺母设计无拉紧，稳定性强，刚性高。
- 力矩扳手的推荐值不要超过建议值的30%，过高的力矩可能会导致变形。
- Collet nut design no pull,strong stability and high rigidity.
- The recommended torque wrench do not exceed the recommended value of 30% high torque, the deformation may lead .

技术参数
Technical Parameter

	Order No.	L	L1	L2	θ	D	d	Nm
HSK63A	SDC6-95	127	95	69	6°	14	3~6	5Nm
	SDC6-120	152	120	94	6°	14	3~6	5Nm
	SDC6-150	182	150	124	6°	14	3~6	5Nm
	SDC8-100	132	100	74	6°	22	3~8	7Nm
	SDC8-120	152	120	94	6°	22	3~8	7Nm
	SDC8-150	182	150	124	6°	22	3~8	7Nm
	SDC12-120	152	120	94	–	34	3~8	12Nm
HSK100A	SDC6-110	160	110	81	6°	14	3~6	5Nm
	SDC6-150	200	150	121	6°	14	3~6	5Nm
	SDC8-120	170	120	91	6°	22	3~8	7Nm
	SDC8-150	200	150	121	6°	22	3~8	7Nm
	SDC12-120	170	120	91	–	34	3~12	12Nm





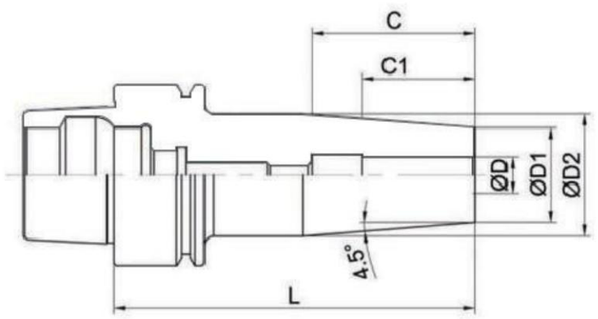
HSK-E热缩刀柄
HSK-E SHRINK FIT TOOL HOLDER

HT-0127

技术参数
Technical Parameter

规格Model	ϕd	ϕD1	ϕD2	L	Insection Length C1	Insection Length C
HSK32E-SFA03-60	3	15	20	60	9	20
HSK32E-SFA04-60	4	15	20	60	14	20
HSK32E-SFA06-70	6	21	26	70	25	36
HSK32E-SFA08-70	8	21	26	70	25	36
HSK32E-SFA10-80	10	24	32	80	25	42
HSK40E-SFA04-60	4	15	20	60	14	20
HSK40E-SFA06-60	6	21	27	60	25	36
HSK40E-SFA06-80	6	21	27	80	25	36
HSK40E-SFA08-60	8	21	27	60	25	36
HSK40E-SFA08-80	8	21	27	80	25	36
HSK40E-SFA10-60	10	24	32	60	31	42
HSK40E-SFA10-90	10	24	32	90	31	42
HSK40E-SFA12-60	12	24	32	60	36	47
HSK40E-SFA12-90	12	24	32	90	36	47
HSK50E-SFA04-60	4	15	20	60	14	20
HSK50E-SFA06-80	6	21	27	80	25	36
HSK50E-SFA08-80	8	21	27	80	25	36
HSK50E-SFA10-85	10	24	32	85	31	42
HSK50E-SFA12-90	12	24	32	90	36	47
HSK50E-SFA16-95	16	27	34	95	39	50





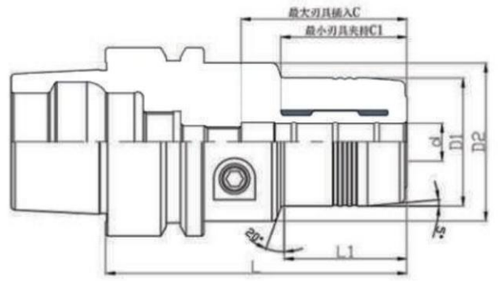
HSK-E高精度液压刀柄
HSK-E HIGH PRECISION HYDRAULIC CHUCK

HT-0128

技术参数
Technical Parameter

规格Model	ϕd	ϕD1	ϕD2	L	L1	Insection Length C1	Insection Length C	N.W (kg)
HSK40E-PHC06-70	6	28	34	70	33	28	37	0.46
HSK40E-PHC08-70	8	30	34	70	34	28	37	0.48
HSK40E-PHC10-75	10	32	34	75	39	33	44	0.51
HSK40E-PHC12-80	12	34	34	80	-	36	50	0.53
HSK50E-PHC06-70	6	30	42	70	25.5	28	37	0.7
HSK50E-PHC08-70	8	32	42	70	26	28	37	0.71
HSK50E-PHC10-80	10	34	42	80	32.6	33	44	0.72
HSK50E-PHC12-85	12	36	42	85	40	36	50	0.85
HSK50E-PHC16-90	16	40	42	90	43	42	52	0.91
HSK50E-PHC20-90	20	42	42	90	-	39	52	0.91
HSK50E-PHC20-120	20	42	42	120	-	39	52	1.05
HSK50A-PHC05-65	5	28	42	70	28	28	34	-
HSK50A-PHC06-70	6	30	42	70	28	28	34	-
HSK50A-PHC08-70	8	32	42	70	28	28	34	-
HSK50A-PHC10-80	10	34	42	80	35	33	44	0.77
HSK50A-PHC12-85	12	36	42	85	42	35	50	0.93
HSK50A-PHC16-90	16	40	42	90	45	37	51	0.98
HSK50A-PHC18-90	18	42	42	90	-	38	51	-
HSK50A-PHC20-90	20	42	42	90	-	40	51	1.05





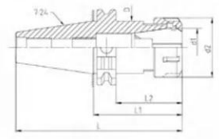
DIN69871 ER数控铣夹头刀柄
DIN69871 ER MILLING CHUCK ARBORS

HT-0129

技术参数
Technical Parameter

型号Model	Lmm	L1mm	L2mm	d1mm	d2mm	Dmm
DIN69871.SK30-ER11-60	107.8	60	40.9	11	19	20
DIN69871.SK30-ER11-80	127.8	80	60.9	11	19	20
DIN69871.SK30-ER16-63	110.8	63	43.9	16	28	28
DIN69871.SK30-ER16-100	147.8	100	80.9	16	28	28
DIN69871.SK30-ER16-200	247.8	200	180.9	16	28	28
DIN69871.SK30-ER20-63	110.8	63	43.9	20	34	31.8
DIN69871.SK30-ER20-100	147.8	100	80.9	20	34	31.8
DIN69871.SK30-ER20-200	247.8	200	180.9	20	34	31.8
DIN69871.SK30-ER25-63	110.8	63	43.9	25	42	31.8
DIN69871.SK30-ER25-100	147.8	100	80.9	25	42	31.8
DIN69871.SK30-ER25-200	247.8	200	180.9	25	42	31.8
DIN69871.SK30-ER32-60	107.8	60	40.9	32	50	40
DIN69871.SK30-ER32-100	147.8	100	80.9	32	50	40
DIN69871.SK30-ER32-200	247.8	200	180.9	32	50	40
DIN69871.SK30-ER40-80	127.8	80	60.9	40	63	50
DIN69871.SK30-ER40-100	147.8	100	80.9	40	63	50
DIN69871.SK30-ER40-150	197.8	150	130.9	40	63	50
DIN69871.SK40-ER11-70	138.4	70	50.9	11	19	19
DIN69871.SK40-ER11-100	168.4	100	80.9	11	19	19
DIN69871.SK40-ER11-160	228.4	160	140.9	11	19	19
DIN69871.SK40-ER16-60	128.4	60	40.9	16	28	28
DIN69871.SK40-ER16-100	168.4	100	80.9	16	28	28
DIN69871.SK40-ER16-200	268.4	200	180.9	16	28	28
DIN69871.SK40-ER20-70	138.4	70	50.9	20	34	35
DIN69871.SK40-ER20-100	168.4	100	80.9	20	34	35
DIN69871.SK40-ER20-160	228.4	160	140.9	20	34	35
DIN69871.SK40-ER25-60	128.4	60	40.9	25	42	42
DIN69871.SK40-ER25-100	168.4	100	80.9	25	42	42
DIN69871.SK40-ER25-160	228.4	160	140.9	25	42	42
DIN69871.SK40-ER32-70	138.4	70	50.9	32	50	44
DIN69871.SK40-ER32-100	168.4	100	80.9	32	50	44
DIN69871.SK40-ER32-160	228.4	160	140.9	32	50	44
DIN69871.SK40-ER40-70	138.4	70	50.9	40	63	50
DIN69871.SK40-ER40-120	188.4	120	100.9	40	63	50
DIN69871.SK40-ER40-160	228.4	160	140.9	40	63	50
DIN69871.SK40-ER50-80	148.4	80	60.9	50	78	64
DIN69871.SK50-ER11M-100	201.75	100	80.9	11	16	16
DIN69871.SK50-ER11-100	201.75	100	80.9	11	19	20
DIN69871.SK50-ER16-70	171.75	70	50.9	16	28	28
DIN69871.SK50-ER16-100	201.75	100	80.9	16	28	28
DIN69871.SK50-ER16-200	301.75	200	180.9	16	28	28
DIN69871.SK50-ER20-70	171.75	70	50.9	20	34	35
DIN69871.SK50-ER20-100	201.75	100	80.9	20	34	35
DIN69871.SK50-ER20-160	261.75	160	140.9	20	34	35
DIN69871.SK50-ER25-70	171.75	70	50.9	25	42	42
DIN69871.SK50-ER25-150	251.75	150	130.9	25	42	42
DIN69871.SK50-ER25-200	301.75	200	180.9	25	42	42
DIN69871.SK50-ER32-70	171.75	70	50.9	32	50	50
DIN69871.SK50-ER32-150	251.75	150	130.9	32	50	50
DIN69871.SK50-ER32-300	401.75	300	280.9	32	50	50
DIN69871.SK50-ER40-70	171.75	70	50.9	40	63	63
DIN69871.SK50-ER40-150	251.75	150	130.9	40	63	63
DIN69871.SK50-ER40-300	401.75	300	280.9	40	63	63
DIN69871.SK50-ER50-100	201.75	100	80.9	50	78	74.5





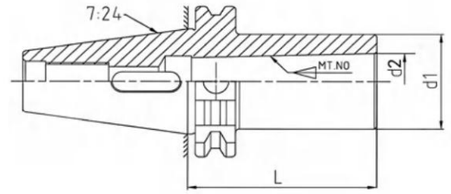
DIN69871-MTA数控莫氏变径套(后拉型)
DIN69871-MTA MORSE TAPER(WITH DRAWBAR)

HT-0130

技术参数
Technical Parameter

型号Model	Lmm	d1mm	d2mm
DIN69871.SK30-MTA1-50	50	25	12.065
DIN69871.SK30-MTA2-60	60	32	17.78
DIN69871.SK30-MTA3-80	80	40	23.825
DIN69871.SK40-MTA1-45	45	25	12.065
DIN69871.SK40-MTA1-50	50	25	12.065
DIN69871.SK40-MTA1-120	120	25	12.065
DIN69871.SK40-MTA2-50	50	32	17.78
DIN69871.SK40-MTA2-60	60	32	17.78
DIN69871.SK40-MTA2-120	120	32	17.78
DIN69871.SK40-MTA3-70	70	40	23.825
DIN69871.SK40-MTA3-75	75	40	23.825
DIN69871.SK40-MTA3-135	135	40	23.825
DIN69871.SK40-MTA4-90	90	48	31.267
DIN69871.SK40-MTA4-135	135	48	31.267
DIN69871.SK40-MTA4-165	165	48	31.267
DIN69871.SK50-MTA1-45	45	25	12.065
DIN69871.SK50-MTA1-120	120	25	12.065
DIN69871.SK50-MTA2-45	45	32	17.78
DIN69871.SK50-MTA2-135	135	32	17.78
DIN69871.SK50-MTA3-50	50	40	23.825
DIN69871.SK50-MTA3-135	135	40	23.825
DIN69871.SK50-MTA4-90	90	48	31.267
DIN69871.SK50-MTA4-180	180	48	31.267
DIN69871.SK50-MTA5-120	120	63	44.399





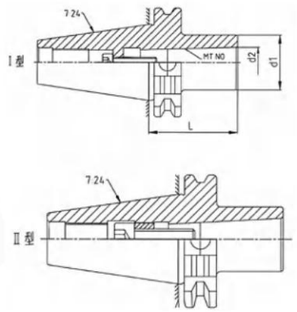
DIN69871-MTB数控莫氏变径套(后拉型)
DIN69871-MTB MORSE TAPER(WITH DRAWBAR)

HT-0131

技术参数
Technical Parameter

型号Model	Lmm	D1mm	D2mm	型式Type
DIN69871.SK40-MTB1-45	45	25	12.065	I型
DIN69871.SK40-MTB1-75	75	25	12.065	I型
DIN69871.SK40-MTB1-100	100	25	12.065	I型
DIN69871.SK40-MTB2-60	60	32	17.780	I型
DIN69871.SK40-MTB2-75	75	32	17.780	I型
DIN69871.SK40-MTB2-95	95	32	17.780	I型
DIN69871.SK40-MTB3-73	73	40	23.825	II型
DIN69871.SK40-MTB3-90	90	40	23.825	II型
DIN69871.SK40-MTB3-135	135	40	23.825	II型
DIN69871.SK40-MTB4-100	100	48	31.267	II型
DIN69871.SK40-MTB4-135	135	48	31.267	II型
DIN69871.SK40-MTB4-165	165	48	31.267	II型
DIN69871.SK50-MTB1-45	45	25	12.065	I型
DIN69871.SK50-MTB1-120	120	25	12.065	I型
DIN69871.SK50-MTB2-45	45	32	17.780	I型
DIN69871.SK50-MTB2-75	75	32	17.780	I型
DIN69871.SK50-MTB2-150	150	32	17.780	I型
DIN69871.SK50-MTB3-60	60	40	23.825	I型
DIN69871.SK50-MTB3-75	75	40	23.825	I型
DIN69871.SK50-MTB3-100	100	40	23.825	I型
DIN69871.SK50-MTB4-85	85	48	31.267	II型
DIN69871.SK50-MTB4-100	100	48	31.267	II型
DIN69871.SK50-MTB4-180	180	48	31.267	II型
DIN69871.SK50-MTB5-115	115	63	44.399	II型





DIN69871-FMB刀柄
DIN69871-FMB SHELL MILL ARBORS

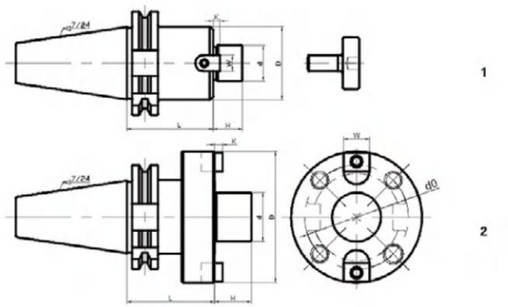
HT-0132

技术参数
Technical Parameter

型号Model No.	Lmm	Hmm	dmm	Dmm	Wmm	M
DIN69871.SK30-FMB16-45	45	16	16	38	8	M8
DIN69871.SK30-FMB16-60	60	16	16	38	8	M8
DIN69871.SK30-FMB22-45	45	18	22	48	10	M10
DIN69871.SK30-FMB22-60	60	18	22	48	10	M10
DIN69871.SK30-FMB27-45	45	20	27	60	12	M12
DIN69871.SK30-FMB27-60	60	20	27	60	12	M12
DIN69871.SK40-FMB16-35	35	16	16	38	8	M8
DIN69871.SK40-FMB16-60	60	16	16	38	8	M8
DIN69871.SK40-FMB16-200	200	16	16	38	8	M8
DIN69871.SK40-FMB22-45	45	18	22	48	10	M10
DIN69871.SK40-FMB22-100	100	18	22	48	10	M10
DIN69871.SK40-FMB22-300	300	18	22	48	10	M10
DIN69871.SK40-FMB27-60	60	20	27	60	12	M12
DIN69871.SK40-FMB27-100	100	20	27	60	12	M12
DIN69871.SK40-FMB27-200	200	20	27	60	12	M12
DIN69871.SK40-FMB32-60	60	22	32	62	14	M16
DIN69871.SK40-FMB32-100	100	22	32	62	14	M16
DIN69871.SK40-FMB32-120	120	22	32	62	14	M16
DIN69871.SK40-FMB40-60	60	25	40	78	16	M20

型号Model No.	Lmm	Hmm	dmm	Dmm	Wmm	M
DIN69871.SK40-FMB40-100	100	25	40	78	16	M20
DIN69871.SK40-FMB40-120	120	25	40	78	16	M20
DIN69871.SK50-FMB16-50	50	16	16	38	8	M8
DIN69871.SK50-FMB16-100	100	16	16	38	8	M8
DIN69871.SK50-FMB22-45	45	18	22	48	10	M10
DIN69871.SK50-FMB22-100	100	18	22	48	10	M10
DIN69871.SK50-FMB22-300	300	18	22	48	10	M10
DIN69871.SK50-FMB27-45	45	20	27	60	12	M12
DIN69871.SK50-FMB27-100	100	20	27	60	12	M12
DIN69871.SK 50-FMB27-150	150	20	27	60	12	M12
DIN69871.SK50-FMB27-300	300	20	27	60	12	M12
DIN69871.SK50-FMB32-45	45	22	32	62	14	M16
DIN69871.SK50-FMB32-100	100	22	32	62	14	M16
DIN69871.SK50-FMB32-150	150	22	32	62	14	M16
DIN69871.SK50-FMB32-300	300	22	32	62	14	M16
DIN69871.SK50-FMB40-55	55	25	40	80	16	M20
DIN69871.SK50-FMB40-60	60	25	40	80	16	M20
DIN69871.SK50-FMB40-100	100	25	40	80	16	M20
DIN69871.SK50-FMB40-130	130	25	40	80	16	M20





DIN69871螺纹锁固式刀柄
DIN69871 THREAD LOCKING TYPE CHUCK

HT-0133

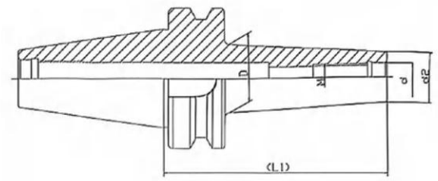
产品属性
Product Attributes

- 采用高强度特殊材质, 经特殊处理后产品具有高耐磨性;
- 淬火硬度可达HRC58-62, 渗碳深度>0.8mm;
- 标准动平衡精度G6.3/12000rpm。
- The holder is made of imported high strength material and has high wear resistance after special treatment;
- Hardness up to HRC58-62,carburizing depth of>0.8mm;
- Standard dynamic equilibrium G6.3/12000rpm.

技术参数
Technical Parameter

Order No.	M	d	d1	D	L1
DIN69871.30-MCA06-50	6	6.5	10	20	50
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-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-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





DIN69871 SK液压刀柄
DIN69871 SK HIGH PRECISION HYDRAULIC CHUCK

HT-0134

技术参数
Technical Parameter

规格Model	ϕd	ϕD1	ϕD2	L	L1	Insection Length C1	Insection Length C	N.W (kg)
SK40-PHC06-80.5	6	28	50	80.5	35	26	40	1.2
SK40-PHC08-80.5	8	30	50	80.5	35	28	40	1.25
SK40-PHC10-80.5	10	32	50	80.5	35	33	45	1.3
SK40-PHC12-80.5	12	34	50	80.5	35	37	47	1.35
SK40-PHC16-80.5	16	38	50	80.5	35	40	51	1.35
SK40-PHC20-80.5	20	43	50	80.5	35	40	51	1.38
SK40-PHC25-80.5	25	57	66	80.5	26	51	61	1.5
SK40-PHC32-80.5	32	62	72	80.5	26	55	65	1.6
SK50-PHC06-90	6	30	52	90	40	26	40	3.55
SK50-PHC08-90	8	32	52	90	40	28	40	3.65
SK50-PHC10-90	10	34	52	90	42	33	45	3.7
SK50-PHC12-90	12	36	52	90	42	37	47	3.75
SK50-PHC16-90	16	41	52	90	40	40	51	3.8
SK50-PHC20-90	20	43	52	90	34.5	40	51	4
SK50-PHC25-105	25	54	66	105	43	56	86	4.04
SK50-PHC32-105	32	62	72	105	43	60	90	4.22



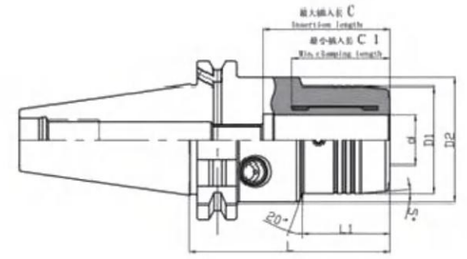


Fig1

DIN69871.SK-SLN侧固式铣刀杆
DIN69871.SK-SLN END MILL HOLDER

HT-0135

技术参数
Technical Parameter

规格Model	L1(mm)	L2(mm)	L3(mm)	d(mm)	D(mm)	M
DIN69871.SK30-SLN06-50	50	18	-	6	25	M6
DIN69871.SK30-SLN06-100	100	18	-	6	25	M6
DIN69871.SK30-SLN08-50	50	18	-	8	28	M8
DIN69871.SK30-SLN08-100	100	18	-	8	28	M8
DIN69871.SK30-SLN10-60	60	20	-	10	35	M10
DIN69871.SK30-SLN10-80	80	20	-	10	35	M10
DIN69871.SK30-SLN10-100	100	20	-	10	35	M10
DIN69871.SK30-SLN12-65	65	22.5	-	12	40	M12
DIN69871.SK30-SLN12-70	70	22.5	-	12	40	M12
DIN69871.SK30-SLN12-100	100	22.5	-	12	40	M12
DIN69871.SK30-SLN14-65	65	22.5	-	14	42	M12
DIN69871.SK30-SLN16-70	70	24	-	16	44	M16
DIN69871.SK30-SLN16-100	100	24	-	16	44	M16
DIN69871.SK30-SLN18-70	70	24	-	18	46	M16
DIN69871.SK30-SLN20-70	70	24	-	20	50	M16
DIN69871.SK30-SLN20-100	100	24	-	20	50	M16
DIN69871.SK30-SLN22-100	100	24	25	22	52	M16
DIN69871.SK40-SLN06-50	50	18	-	6	25	M6
DIN69871.SK40-SLN06-150	150	18	-	6	25	M6
DIN69871.SK40-SLN08-50	50	18	-	8	28	M8
DIN69871.SK40-SLN08-100	100	18	-	8	28	M8
DIN69871.SK40-SLN10-50	50	20	-	10	35	M10
DIN69871.SK40-SLN10-100	100	20	-	10	35	M10
DIN69871.SK40-SLN12-50	50	22.5	-	12	40	M12
DIN69871.SK40-SLN12-100	100	22.5	-	12	40	M12
DIN69871.SK40-SLN14-50	50	22.5	-	14	42	M12
DIN69871.SK40-SLN14-100	100	22.5	-	14	42	M12
DIN69871.SK40-SLN16-63	63	24	-	16	44	M16
DIN69871.SK40-SLN16-160	160	24	-	16	44	M16
DIN69871.SK40-SLN16-200	200	24	-	16	44	M16
DIN69871.SK40-SLN18-63	63	24	-	18	46	M16
DIN69871.SK40-SLN18-100	100	24	-	18	46	M16
DIN69871.SK40-SLN20-63	63	24	-	20	50	M16
DIN69871.SK40-SLN20-150	150	24	-	20	50	M16
DIN69871.SK40-SLN20-200	200	24	-	20	50	M16
DIN69871.SK40-SLN22-100	100	24	25	22	52	M16

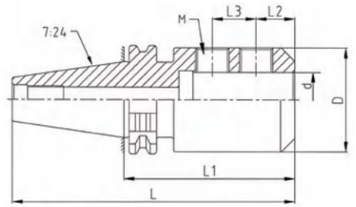
DIN69871.SK-SLN侧固式铣刀杆
DIN69871.SK-SLN END MILL HOLDER

HT-0135

技术参数
Technical Parameter

规格Model	L1(mm)	L2(mm)	L3(mm)	d(mm)	D(mm)	M
DIN69871.SK40-SLN22-160	160	24	25	22	52	M16
DIN69871.SK40-SLN25-100	100	24	25	25	53	M18
DIN69871.SK40-SLN25-160	160	24	25	25	53	M18
DIN69871.SK40-SLN25-200	200	24	25	25	53	M18
DIN69871.SK40-SLN32-100	100	24	28	32	61	M20
DIN69871.SK40-SLN32-160	160	24	28	32	61	M20
DIN69871.SK40-SLN32-200	200	24	28	32	61	M20
DIN69871.SK40-SLN40-120	120	30	32	40	73	M20
DIN69871.SK40-SLN40-150	150	30	-	40	73	M20
DIN69871.SK50-SLN06-63	63	18	-	6	25	M6
DIN69871.SK50-SLN06-100	100	18	-	6	25	M6
DIN69871.SK50-SLN08-63	63	18	-	8	28	M8
DIN69871.SK50-SLN08-100	100	18	-	8	28	M8
DIN69871.SK50-SLN10-63	63	20	-	10	35	M10
DIN69871.SK50-SLN10-100	100	20	-	10	35	M10
DIN69871.SK50-SLN12-63	63	23	-	12	40	M12
DIN69871.SK50-SLN12-100	100	23	-	12	40	M12
DIN69871.SK50-SLN14-63	63	23	-	14	42	M12
DIN69871.SK50-SLN14-100	100	23	-	14	42	M12
DIN69871.SK50-SLN16-63	63	24	-	16	44	M16
DIN69871.SK50-SLN16-150	150	24	-	16	44	M16
DIN69871.SK50-SLN18-63	63	24	-	18	46	M16
DIN69871.SK50-SLN18-80	80	24	-	18	46	M16
DIN69871.SK50-SLN20-63	63	25	-	20	50	M16
DIN69871.SK50-SLN20-200	200	25	-	20	50	M16
DIN69871.SK50-SLN25-80	80	24	25	25	53	M18
DIN69871.SK50-SLN25-100	100	24	25	25	53	M18
DIN69871.SK50-SLN25-200	200	24	25	25	53	M18
DIN69871.SK50-SLN32-100	100	24	28	32	61	M20
DIN69871.SK50-SLN32-160	100	24	28	32	61	M20
DIN69871.SK50-SLN32-200	200	24	28	32	61	M20
DIN69871.SK50-SLN40-110	110	30	32	40	80	M20
DIN69871.SK50-SLN40-160	160	30	32	40	80	M20
DIN69871.SK50-SLN50-120	120	35	35	50	98	M24
DIN69871.SK50-SLN50-150	150	35	35	50	98	M24





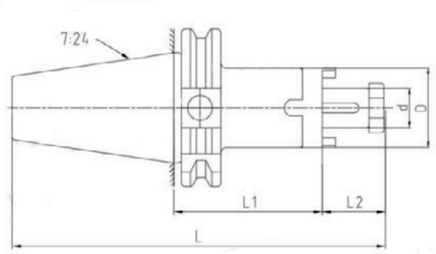
DIN69871数控混合插入式铣刀杆
DIN69871 COMBI SHELL END MILL TOOL HOLDER

HT-0136

技术参数
Technical Parameter

规格Model	L(mm)	L1(mm)	L2(mm)	d(mm)	D(mm)
DIN69871.SK40x16-55	140.4	55	17	16	32
DIN69871.SK40x16-100	185.4	100	17	16	32
DIN69871.SK40x16-160	245.4	160	17	16	32
DIN69871.SK40x22-55	142.5	55	19	22	40
DIN69871.SK40x22-100	187.5	100	19	22	40
DIN69871.SK40x22-160	247.5	160	19	22	40
DIN69871.SK40x27-55	144.4	55	21	27	48
DIN69871.SK40x27-100	189.4	100	21	27	48
DIN69871.SK40x27-160	249.4	160	21	27	48
DIN69871.SK40x32-60	152.4	60	24	32	58
DIN69871.SK40x32-70	162.4	70	24	32	58
DIN69871.SK40x32-100	192.4	100	24	32	58
DIN69871.SK40x40-60	155.4	60	27	40	70
DIN69871.SK40x40-100	195.4	100	27	40	70
DIN69871.SK40x1"-100	185.7	100	17.3	25.4	45
DIN69871.SK50x16-55	173.75	55	17	16	32
DIN69871.SK50x16-100	218.75	100	17	16	32
DIN69871.SK50x22-55	175.75	55	19	22	40
DIN69871.SK50x22-100	220.75	100	19	22	40
DIN69871.SK50x27-55	177.75	55	21	27	48
DIN69871.SK50x27-100	222.75	100	21	27	48
DIN69871.SK50x32-60	185.75	60	24	32	58
DIN69871.SK50x32-100	225.75	100	24	32	58
DIN69871.SK50x40-60	188.75	60	27	40	70
DIN69871.SK50x40-100	228.75	100	27	40	70
DIN69871.SK50x50-100	231.75	100	30	50	90
DIN69871.SK50x1"-100	219.05	100	17.3	25.4	45





CAT锥数控铣夹头刀柄
CAT MILLING CHUCK HOLDER

HT-0137

产品属性
Product Attributes

- 刀柄采用进口高强度材质，经特殊处理后产品具有高耐磨性；
- 用于加工中心或数控机床的专用刀柄；
- 根据需要可提供动平衡刀柄，动平衡标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm，订购时请注明具体精度；
- 使用时夹头必须先装入压帽，再装入刀具，接着锁固入刀柄体；
- 夹头有弹性，止水，刚性攻牙等可供选择。

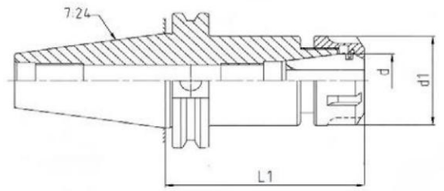
- The holder is made of imported high strength material and has high wear resistance after special treatment;
- Special tool holder for machining centers or CNC machine tools;
- According to needs to be possible to provide the balanced hilt,the standard precision is G6.3/12000rpm,the precise precision is G2.5/20000rpm;
- First put the collet into the nut,then the drill bit into collet and finally tighten the nut to lock the holder;
- Collet has spring,sealed-up,tapping,etc.

技术参数
Technical Parameter

型号Model	L1mm	dmm	d1mm
CAT40-ER11-100	100	11	19
CAT40-ER16-63	63	16	28
CAT40-ER16-150	150	16	28
CAT40-ER20-70	70	20	34
CAT40-ER20-100	100	20	34
CAT40-ER25-70	70	25	42
CAT40-ER25-100	100	25	42
CAT40-ER25-150	150	25	42
CAT40-ER32-70	70	32	50
CAT40-ER32-100	100	32	50
CAT40-ER32-150	150	32	50
CAT40-ER40-70	70	40	63
CAT40-ER40-100	100	40	63
CAT40-ER40-150	150	40	63
CAT40-ER50-80	80	50	78

型号Model	L1mm	dmm	d1mm
CAT40-ER50-100	100	50	78
CAT50-ER11-100	100	11	19
CAT50-ER16-70	70	16	28
CAT50-ER16-135	135	16	28
CAT50-ER20-70	70	20	34
CAT50-ER20-165	165	20	34
CAT50-ER25-70	70	25	42
CAT50-ER25-165	165	25	42
CAT50-ER32-70	70	32	50
CAT50-ER32-100	100	32	50
CAT50-ER40-80	80	40	63
CAT50-ER40-150	150	40	63
CAT50-ER50-90	90	50	78
CAT50-ER50-120	120	50	78





CAT-SLN侧固式铣刀杆
CAT-SLN END MILL HOLDER

HT-0138

产品属性
Product Attributes

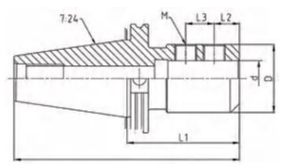
- 刀柄采用进口高强度材质，经特殊处理后产品具有高耐磨性；
- 刀柄连接于数控机床，内孔配刀具；
- 根据需要可提供动平衡刀柄，动平衡标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm。

- The holder is made of imported high strength material and has high wear resistance after special treatment;
- The holder is connected to the CNC machine,the inner hole with the cutter;
- 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.

技术参数
Technical Parameter

规格Model	L1(mm)	L2(mm)	L3(mm)	d(mm)	D(mm)	M
CAT40-SLN1/8"-2~1/2"	2~1/2"	7.1	-	1/8"	17.5	3/16"-24
CAT40-SLN3/16"-2~1/2	2~1/2"	14.3	-	3/16"	19	1/4"-28
CAT40-SLN1/4"-2~1/2"	2~1/2"	19.8	-	1/4"	20.6	1/4"-28
CAT40-SLN3/8"-2~1/2"	2~1/2"	19.8	-	3/8"	32	3/8"-24
CAT40-SLN1/2"-3"	3"	22.2	-	1/2"	44.4	7/16"-20
CAT40-SLN5/8"-3"	3"	23.8	-	5/8"	44.4	1/2"-20
CAT40-SLN3/4"-3"	3"	25.4	-	3/4"	44.4	5/8"-18
CAT40-SLN9/16"-3"	3"	25.4	-	9/16"	44.4	1/2"-20
CAT40-SLN1"-4"	4"	28.6	25.4	1"	55	3/4"-16
CAT40-SLN1~1/4"-6"	6"	28.6	25.4	1~1/4"	69.85	3/4"-16
CAT40-SLN1~1/2"-6"	6"	28.6	25.4	1~1/2"	79.8	3/4"-16
CAT50-SLN06-63	63	18	-	6	25	M6
CAT50-SLN08-63	63	18	-	8	28	M8
CAT50-SLN10-63	63	20	-	10	35	M10
CAT50-SLN12-80	80	22.5	-	12	40	M12
CAT50-SLN14-80	80	22.5	-	14	42	M12
CAT50-SLN16-80	80	24	-	16	44	M16
CAT50-SLN16-100	100	24	-	16	44	M16
CAT50-SLN18-80	80	24	-	18	46	M16
CAT50-SLN20-100	100	25	-	20	50	M16
CAT50-SLN25-100	100	24	25	25	53	M18
CAT50-SLN32-100	100	24	28	32	61	M20
CAT50-SLN32-110	110	24	28	32	61	M20
CAT50-SLN1~1/2"-4"	4"	28.6	25.4	1~1/2"	79.8	3/4"-16
CAT50-SLN1~1/4"-4~1/8	4~1/8"	28.6	25.4	1~1/4"	69.9	3/4"-16
CAT50-SLN1~1/4"-4"	4"	28.6	25.4	1~1/4"	69.9	3/4"-16
CAT50-SLN7/8"-3~3/4"	3~3/4"	27	22.2	7/8"	52	5/8"-18
CAT50-SLN3/4"-80	80	25.4	-	3/4"	44.4	5/8"-18
CAT50-SLN3/4"-3~3/4"	3~3/4"	25.4	-	3/4"	44.4	5/8"-18
CAT50-SLN5/8"-3~3/4"	3~3/4"	23.8	-	5/8"	44.4	1/2"-20
CAT50-SLN1/2"-4"	4"	22.2	-	1/2"	44.4	7/16"-20
CAT50-SLN3/8"-4~1/2"	4~1/2"	19.8	-	3/8"	32	3/8"-24
CAT50-SLN3/8"-2.5"	2.5"	19.8	-	3/8"	32	3/8"-24
CAT50-SLN3/16"-1.75"	1.75"	14.3	-	3/16"	19	1/4"-28





CAT数控莫氏变径套(扁尾型)
CAT MORSE TAPER(WITH TANG)

HT-0139

产品属性
Product Attributes

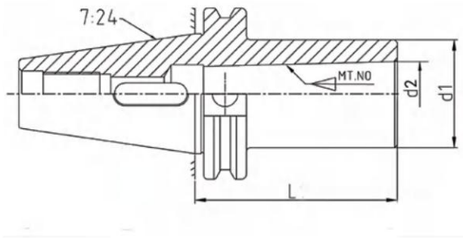
- 刀柄采用进口高强度材质，经特殊处理后产品具有高耐磨性；
- 外锥柄连接于数控机床，内锥连接不同型号的莫氏扁尾钻头和扁尾式莫氏刀杆；
- 根据需要可提供动平衡刀柄，动平衡标准精度为G6.3/12000rpm,精密精度为G2.5/20000rpm,订购时请注明精度。

- The holder is made of imported high strength material and has high wear resistance after special treatment;
- The outer taper shank is connected to the CNC machine, and the inner taper shank is connected to different types of MT bit and MT arbor with flat tail
- 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.

技术参数
Technical Parameter

型号 Model	L mm	d1 mm	d2 mm
CAT40-MTA1-45	45	25	12.065
CAT40-MTA2-60	60	32	17.780
CAT40-MTA3-75	75	40	23.825
CAT40-MTA4-95	95	48	31.267
CAT50-MTA1-45	45	25	12.065
CAT50-MTA2-50	50	32	17.780
CAT50-MTA2-135	135	32	17.780
CAT50-MTA3-63	63	40	23.825
CAT50-MTA3-150	150	40	23.825
CAT50-MTA4-90	90	48	31.267
CAT50-MTA5-105	105	63	44.399





CAT-FMA平面铣刀柄
CAT-FMA FACE MILL ARBORS

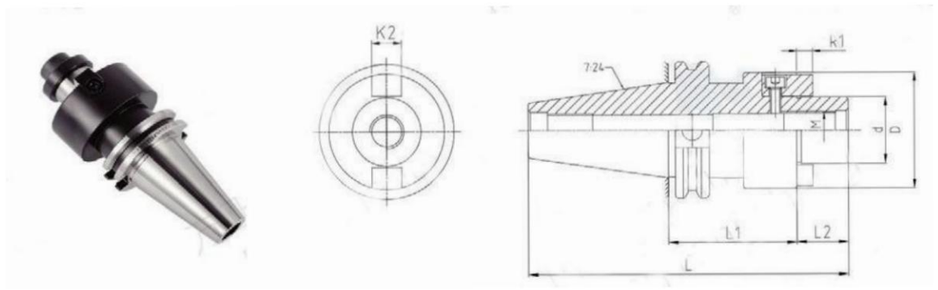
HT-0140

产品属性
Product Attributes

- 中心通孔有利于出水及抗震性强
- 适用于平面铣削加工
- 可定制非常规长度
- 拉钉须另行购买
- with water through hole is conducive to water discharge and strong earthquake resistance
- Suitable for surface milling processing
- Customizable unconventional lengths
- Pull stud(retention knobs)must be purchased separately

技术参数
Technical Parameter

规格Model	L(mm)	L1(mm)	L2(mm)	d(mm)	D(mm)	K1(mm)	K2(mm)	M
CAT40-FMA1/2-1.375"	117.48	1.375"	14.3	1/2"	35	4.5	6.35	1/4-28"
CAT40-FMA1/2-1.8"	128.27	1.8"	14.3	1/2"	35	4.5	6.35	1/4-28"
CAT40-FMA1/2-5"	209.55	5"	14.3	1/2"	35	4.5	6.35	1/4-28"
CAT40-FMA3/4-1.375"	120.62	1.375"	17.45	3/4"	44.45	4.8	7.94	3/8-24"
CAT40-FMA3/4-4"	187.3	4"	17.45	3/4"	44.45	4.8	7.94	3/8-24"
CAT40-FMA1" -2.0625"	138.08	2.0625"	17.45	1"	57	5.5	9.53	1/2-20"
CAT40-FMA1" -1.8"	131.42	1.8"	17.45	1"	57	5.5	9.53	1/2-20"
CAT40-FMA1" -1.97"	135.73	1.97"	17.45	1"	57	5.5	9.53	1/2-20"
CAT40-FMA1" -5"	212.7	5"	17.45	1"	57	5.5	9.53	1/2-20"
CAT40-FMA11/4" -2.1875"	141.26	2.1875"	17.45	1-1/4"	63	7	12.7	5/8-18"
CAT40-FMA¹1/4" -2.16"	140.56	2.16"	17.45	1-1/4"	63	7	12.7	5/8-18"
CAT40-FMA11/4" -2.21"	141.83	2.21"	17.45	1-1/4"	63	7	12.7	5/8-18"
CAT40-FMA11/4" -4"	187.3	4"	17.45	1-1/4"	63	7	12.7	5/8-18"
CAT40-FMA11/4" -65	150.7	65	17.45	1-1/4"	63	7	12.7	5/8-18"
CAT40-FMA11/4" -75	160.7	75	17.45	1-1/4"	63	7	12.7	5/8-18"
CAT40-FMA11/2" -2.1875"	147.61	2.1875"	23.8	1-1/2"	80	8	15.88	3/4-16"



CAT-FMB平面铣刀柄
CAT-FMB FACE MILLARBORS

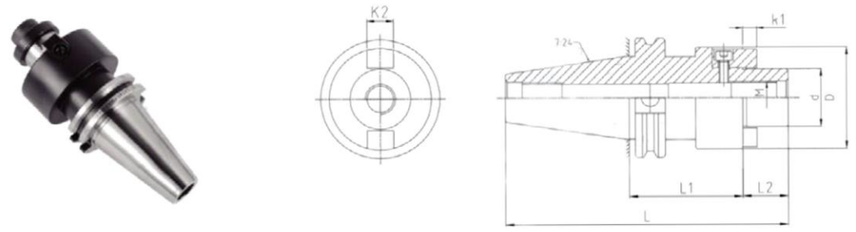
HT-0141

产品属性
Product Attributes

- 平面铣刀配合部位轴系公差h6
- 适用于平面铣削加工
- 可定制非常规长度
- 拉钉须另行购买
- Shafting tolerance h6 for surface milling cutter fit
- Suitable for surface milling processing
- Customizable unconventional lengths
- Pull stud(retention knobs)must be purchased separately

技术参数
Technical Parameter

规格Model	L(mm)	L1(mm)	L2(mm)	d(mm)	D(mm)	K1(mm)	K2(mm)	M
CAT40-FMB16-45	129.25	45	16	16	38	5	8	M8
CAT40-FMB16-125	209.25	125	16	16	38	5	8	M8
CAT40-FMB22-45	131.25	45	18	22	48	5.5	10	M10
CAT40-FMB22-60	146.25	60	18	22	48	5.5	10	M10
CAT40-FMB22-100	186.25	100	18	22	48	5.5	10	M10
CAT40-FMB27-60	148.28	60	20	27	60	6.3	12	M12
CAT40-FMB27-90	178.25	90	20	27	60	6.3	12	M12
CAT40-FMB32-60	150.25	60	22	32	62	7	14	M16
CAT40-FMB40-60	153.25	60	25	40	78	8	16	M20
CAT50-FMB16-60	177.6	60	16	16	38	5	8	M8
CAT50-FMB16-100	217.6	100	16	16	38	5	8	M8
CAT50-FMB16-120	237.6	120	16	16	38	5	8	M8
CAT50-FMB22-60	179.6	60	18	22	48	5.6	10	M10
CAT50-FMB22-100	219.6	100	18	22	48	5.6	10	M10
CAT50-FMB22-120	239.6	120	18	22	48	5.6	10	M10
CAT50-FMB27-45	166.6	45	20	27	60	6.3	12	M12
CAT50-FMB27-60	181.6	60	20	27	60	6.3	12	M12
CAT50-FMB27-105	226.6	105	20	27	60	6.3	12	M12
CAT50-FMB27-120	241.6	120	20	27	60	6.3	12	M12
CAT50-FMB32-60	183.6	60	22	32	62	7	14	M16
CAT50-FMB32-75	198.6	75	22	32	62	7	14	M16
CAT50-FMB32-120	243.6	120	22	32	62	7	14	M16
CAT50-FMB40-60	186.6	60	25	40	80	8	16	M20



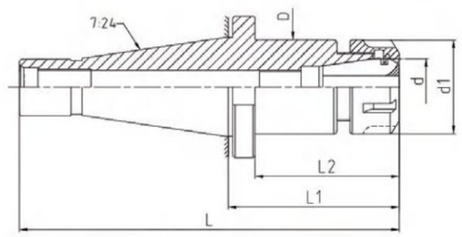
DIN2080-ER数控铣夹头刀柄
DIN2080-ER SERIES MILLING TOOLHOLDER

HT-0142

技术参数
Technical Parameter

规格Model	L1(mm)	d(mm)	d1(mm)	D(mm)
DIN2080.NT30-ER11-50	50	11	19	20
DIN2080.NT30-ER16-63	63	16	28	28
DIN2080.NT30-ER20-63	63	20	34	35
DIN2080.NT30-ER25-63	63	25	42	42
DIN2080.NT30-ER32-63	63	32	50	50
DIN2080.NT30-ER40-75	75	40	63	50
DIN2080.NT40-ER11-70	70	11	19	20
DIN2080.NT40-ER11-100	100	11	19	20
DIN2080.NT40-ER16-63	63	16	28	28
DIN2080.NT40-ER16-100	100	16	28	28
DIN2080.NT40-ER20-60	60	20	34	35
DIN2080.NT40-ER25-60	60	25	42	42
DIN2080.NT40-ER32-70	70	32	50	50
DIN2080.NT40-ER40-60	60	40	63	60
DIN2080.NT40-ER40-80	80	40	63	60
DIN2080.NT40-ER50-100	100	50	78	62
DIN2080.NT50-ER16-63	63	16	28	28
DIN2080.NT50-ER16-100	100	16	28	28
DIN2080.NT50-ER16-160	160	16	28	28
DIN2080.NT50-ER20-60	60	20	34	35
DIN2080.NT50-ER25-60	60	20	42	42
DIN2080.NT50-ER32-63	63	32	50	50
DIN5080.NT50-ER40-80	80	40	63	63
DIN2080.NT50-ER50-90	90	50	78	70





DIN2080.NT-FMB平面铣刀柄
DIN2080.NT-FMB FACE MILL ARBORS

HT-0143

产品属性
Product Attributes

- 平面铣刀配合部位轴系公差h6
- 中心通孔有利于出水及抗震性强
- 适用于平面铣削加工
- 可定制非常规长度

- Shafting tolerance h6 for surface milling cutter fit
- With water through hole is conducive to water discharge and strong earthquake resistance
- Suitable for surface milling processing
- Customizable unconventional lengths

技术参数
Technical Parameter

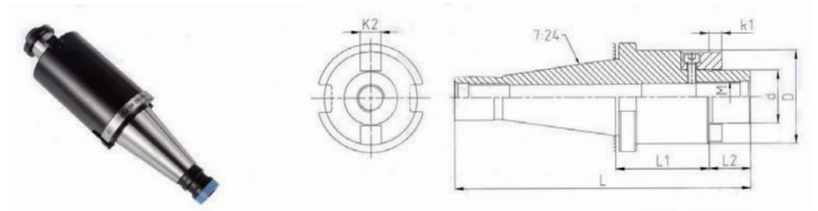
规格Model	L(mm)	L1(mm)	L2(mm)	d(mm)	D(mm)	K1(mm)	K2(mm)	M
DIN2080.NT30-FMB16-35	119.4	35	16	16	38	5	8	M8
DIN2080.NT30-FMB16-100	184.4	100	16	16	38	5	8	M8
DIN2080.NT30-FMB22-45	131.4	45	18	22	48	5.6	10	M10
DIN2080.NT30-FMB22-60	146.4	60	18	22	48	5.6	10	M10
DIN2080.NT30-FMB22-100	186.4	100	18	22	48	5.6	10	M10
DIN2080.NT30-FMB27-45	133.4	45	20	27	60	6.3	12	M12
DIN2080.NT30-FMB27-100	188.4	100	20	27	60	6.3	12	M12
DIN2080.NT30-FMB27-160	248.4	160	20	27	60	6.3	12	M12
DIN2080.NT30-FMB32-45	135.4	45	22	32	62	7	14	M16
DIN2080.NT30-FMB32-100	190.4	100	22	32	62	7	14	M16
DIN2080.NT30-FMB32-160	250.4	160	22	32	62	7	14	M16
DIN2080.NT30-FMB40-45	138.4	45	25	40	78	8	16	M20
DIN2080.NT30-FMB40-100	193.4	100		40	78	8	16	M20
DIN2080.NT30-FMB40-160	253.4	160		40	78	8	16	M20
DIN2080.NT40-FMB16-35	144.4	35	16	16	38	5	8	M8
DIN2080.NT40-FMB16-45	154.4	45	16	16	38	5	8	M8
DIN2080.NT40-FMB16-100	209.4	100	16	16	38	5	8	M8
DIN2080.NT40-FMB22-35	146.4	35	18	22	48	5.6	10	M10
DIN2080.NT40-FMB22-45	156.4	45	18	22	48	5.6	10	M10
DIN2080.NT40-FMB22-100	211.4	100	18	22	48	5.6	10	M10
DIN2080.NT40-FMB27-35	148.4	35	20	27	60	6.3	12	M12
DIN2080.NT40-FMB27-60	173.4	60	20	27	60	6.3	12	M12
DIN2080.NT40-FMB27-100	213.4	100	20	27	60	6.3	12	M12
DIN2080.NT40-FMB32-45	160.4	45	22	32	62	7	14	M16
DIN2080.NT40-FMB32-60	175.4	60	22	32	62	7	14	M16
DIN2080.NT40-FMB32-100	215.4	100	22	32	62	7	14	M16
DIN2080.NT40-FMB40-45	163.4	45	25	40	74	8	16	M20
DIN2080.NT40-FMB40-60	178.4	60	25	40	74	8	16	M20
DIN2080.NT40-FMB40-100	218.4	100	25	40	74	8	16	M20
DIN2080.NT40-FMB3/4"-60	170.85	60	17.45	3/4"	44.45	5	7.94	3/8 "-24
DIN2080.NT40-FMB1"-100	210.85	100	17.45	1"	57	5	9.53	1/2" -20
DIN2080.NT40-FMB1~1/4"-60	170.85	60	17.45	1-1/4"	63	6.3	12.7	5/8 "-18
DIN2080.NT50-FMB16-45	187.8	45	16	16	38	5	8	M8

DIN2080.NT-FMB平面铣刀柄
DIN2080.NT-FMB FACE MILL ARBORS

HT-0143

技术参数
Technical Parameter

规格Model	L(mm)	L1(mm)	L2(mm)	d(mm)	D(mm)	K1(mm)	K2(mm)	M
DIN2080.NT50-FMB22-45	189.8	45	18	22	48	5.6	10	M10
DIN2080.NT50-FMB22-100	244.8	100	18	22	48	5.6	10	M10
DIN2080.NT50-FMB22-160	304.8	160	18	22	48	5.6	10	M10
DIN2080.NT50-FMB27-45	191.8	45	20	27	60	6.3	12	M12
DIN2080.NT50-FMB27-100	246.8	100	20	27	60	6.3	12	M12
DIN2080.NT50-FMB27-160	306.8	160	20	27	60	6.3	12	M12
DIN2080.NT50-FMB32-45	193.8	45	22	32	62	7	14	M16
DIN2080.NT50-FMB32-100	248.8	100	20	32	62	7	14	M16
DIN2080.NT50-FMB32-160	308.8	160	20	32	62	7	14	M16
DIN2080.NT50-FMB40-45	196.8	45	25	40	78	8	16	M20
DIN2080.NT50-FMB40-100	251.8	100	25	40	78	8	16	M20
DIN2080.NT50-FMB40-160	311.8	160	25	40	78	8	16	M20

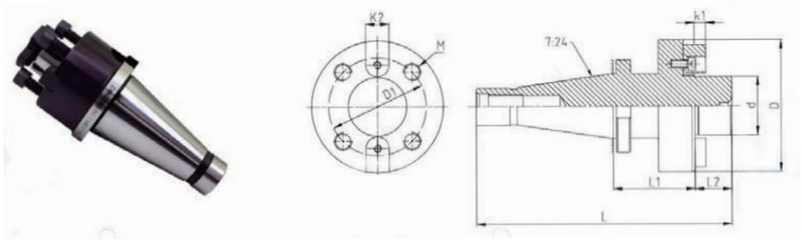


DIN2080.NT50-FS平面铣刀柄
DIN2080-FS FACE MILL ARBORS

HT-0144

技术参数
Technical Parameter

规格Model	L(mm)	L1(mm)	L2(mm)	d(mm)	D(mm)	D1(mm)	K1(mm)	K2(mm)	M
DIN2080.NT50-FS40-60	211.8	60	25	40	97.5	66.7	8	16	M12
DIN2080.NT50-FS40-160	311.8	160	25	40	97.5	66.7	8	16	M12
DIN2080.NT50-FS60-60	211.8	60	25	60	128	101.6	12.5	25	M16
DIN2080.NT50-FS60-75	226.8	75	25	60	128	101.6	12.5	25	M16
DIN2080.NT50-FS60-100	251.8	100	25	60	128	101.6	12.5	25	M16



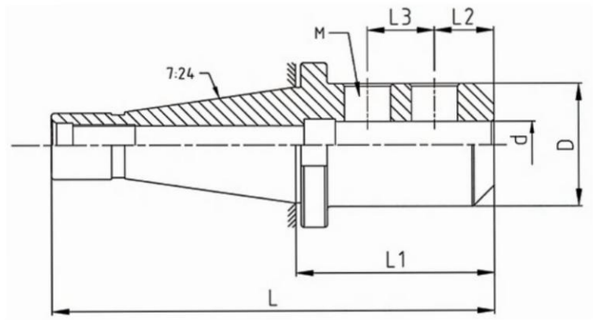
DIN2080.NT-SLN侧固式铣刀杆
DIN2080.NT-SLN SIDE LOCK END MILLHOLDER

HT-0145

技术参数
Technical Parameter

规格Model	L1(mm)	L2(mm)	L3(mm)	d(mm)	D(mm)	M
DIN2080.NT30-SLN06-40	40	18	-	6	25	M6
DIN2080.NT30-SLN08-40	40	18	-	8	28	M8
DIN2080.NT30-SLN10-45	45	20	-	10	35	M10
DIN2080.NT30-SLN12-45	45	22.5	-	12	40	M12
DIN2080.NT30-SLN14-45	45	22.5	-	14	42	M12
DIN2080.NT30-SLN16-50	50	24	-	16	44	M16
DIN2080.NT30-SLN18-50	50	24	-	18	46	M16
DIN2080.NT30-SLN20-60	60	25	-	20	50	M16
DIN2080.NT30-SLN22-75	75	24	25	22	52	M16
DIN2080.NT40-SLN06-50	50	18	-	6	25	M6
DIN2080.NT40-SLN08-50	50	18	-	8	28	M8
DIN2080.NT40-SLN10-63	63	20	-	10	35	M10
DIN2080.NT40-SLN12-63	63	22.5	-	12	40	M12
DIN2080.NT40-SLN14-63	63	22.5	-	14	42	M12
DIN2080.NT40-SLN16-63	63	24	-	16	44	M16
DIN2080.NT40-SLN18-63	63	24	-	18	46	M16
DIN2080.NT40-SLN20-63	63	25	-	20	50	M16
DIN2080.NT40-SLN25-90	90	24	25	25	53	M18
DIN2080.NT40-SLN32-100	100	24	28	32	61	M20
DIN2080.NT40-SLN40-90	90	30	32	40	73	M20
DIN2080.NT40-SLN40-120	120	30	32	40	73	M20
DIN2080.NT50-SLN06-50	50	18	-	6	25	M6
DIN2080.NT50-SLN08-50	50	18	-	8	28	M8
DIN2080.NT50-SLN10-63	63	20	-	10	35	M10
DIN2080.NT50-SLN12-63	63	22.5	-	12	40	M12
DIN2080.NT50-SLN14-63	63	22.5	-	14	42	M12
DIN2080.NT50-SLN16-63	63	24	-	16	44	M16
DIN2080.NT50-SLN18-63	63	24	-	18	46	M16
DIN2080.NT50-SLN20-63	63	25	-	20	50	M16
DIN2080.NT50-SLN25-90	90	24	25	25	53	M18
DIN2080.NT50-SLN32-100	100	24	28	32	61	M20
DIN2080.NT50-SLN40-120	120	30	32	40	80	M20





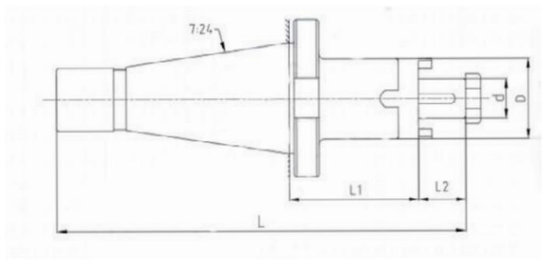
DIN2080.NT-数控混合插入式铣刀杆
DIN2080.NT COMBI SHELL END MILL TOOLGOLDER

HT-0146

技术参数
Technical Parameter

规格Model	L(mm)	L1(mm)	L2(mm)	d(mm)	D(mm)
DIN2080.NT30x16-55	140.4	55	17	16	32
DIN2080.NT30x22-55	142.4	55	19	22	40
DIN2080.NT30x27-60	149.4	60	21	27	48
DIN2080.NT30x32-65	157.4	65	24	32	58
DIN2080.NT40x16-52	162.4	52	17	16	32
DIN2080.NT40x22-52	164.4	52	19	22	40
DIN2080.NT40x27-52	166.4	52	21	27	48
DIN2080.NT40x32-52	169.4	52	24	32	58
DIN2080.NT40x40-52	172.4	52	27	40	70
DIN2080.NT40x50-54	177.4	54	30	50	90
DIN2080.NT40x1” -52	162.7	52	17.3	1"	45
DIN2080.NT50x16-45	188.8	45	17	16	32
DIN2080.NT50x22-55	200.8	55	19	22	40
DIN2080.NT50x27-55	202.8	55	21	27	48
DIN2080.NT50x32-55	205.8	55	24	32	58
DIN2080.NT50x40-55	208.8	55	27	40	70
DIN2080.NT50x50-55	211.8	55	30	50	90
DIN2080.NT50x1” -60	204.1	60	17.3	1"	45





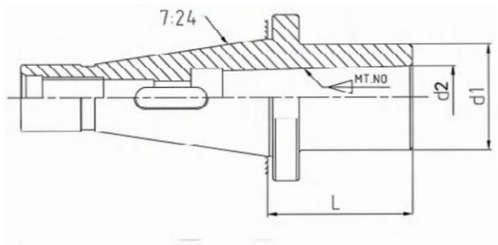
DIN2080.NT-MTA数控莫氏变径套
DIN2080.NT-MTA SERIES MORSE TAPER(WITH TANG)

HT-0147

技术参数
Technical Parameter

规格Model	L(mm)	d1(mm)	d2(mm)
DIN2080.NT30-MTA1-50	50	25	12.065
DIN2080.NT30-MTA2-60	60	32	17.780
DIN2080.NT30-MTA3-70	70	40	23.825
DIN2080.NT40-MTA1-45	45	25	12.065
DIN2080.NT40-MTA1-50	50	25	12.065
DIN2080.NT40-MTA1-120	120	25	12.065
DIN2080.NT40-MTA2-50	50	32	17.780
DIN2080.NT40-MTA2-60	60	32	17.780
DIN2080.NT40-MTA2-120	120	32	17.780
DIN2080.NT40-MTA3-60	60	40	23.825
DIN2080.NT40-MTA3-75	75	40	23.825
DIN2080.NT40-MTA3-135	135	40	23.825
DIN2080.NT40-MTA4-90	90	48	31.267
DIN2080.NT40-MTA4-95	95	48	31.267
DIN2080.NT40-MTA4-165	165	48	31.267
DIN2080.NT50-MTA1-40	40	25	12.065
DIN2080.NT50-MTA1-50	50	25	12.065
DIN2080.NT50-MTA1-120	120	25	12.065
DIN2080.NT50-MTA2-45	45	32	17.780
DIN2080.NT50-MTA2-60	60	32	17.780
DIN2080.NT50-MTA2-135	135	32	17.780
DIN2080.NT50-MTA3-50	50	40	23.825
DIN2080.NT50-MTA3-65	65	40	23.825
DIN2080.NT50-MTA3-135	135	40	23.825
DIN2080.NT50-MTA4-70	70	48	31.267
DIN2080.NT50-MTA4-90	90	48	31.267
DIN2080.NT50-MTA4-180	180	48	31.267
DIN2080.NT50-MTA5-105	105	63	44.399
DIN2080.NT50-MTA5-120	120	63	44.399
DIN2080.NT40-MTA5-180	180	63	44.399





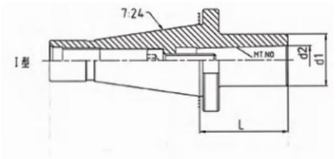
DIN2080.NT-MTB数控莫氏变径套后拉型
DIN2080.NT-MTB SERIES MORSE TAPER(WITH DRAWBAR)

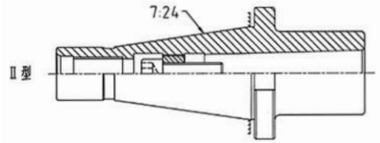
HT-0148

技术参数
Technical Parameter

型号Model	Lmm	D1mm	D2mm	型式Type
DIN2080.NT30-MTB1-50	50	25	12.065	I型
DIN2080.NT30-MTB2-60	60	32	17.780	I型
DIN2080.NT30-MTB3-85	85	40	23.825	II型
DIN2080.NT40-MTB1-45	45	25	12.065	I型
DIN2080.NT40-MTB1-50	50	25	12.065	I型
DIN2080.NT40-MTB2-50	50	32	17.780	I型
DIN2080.NT40-MTB2-60	60	32	17.780	I型
DIN2080.NT40-MTB2-120	120	32	17.780	I型
DIN2080.NT40-MTB3-60	60	40	23.825	II型
DIN2080.NT40-MTB3-65	65	40	23.825	II型
DIN2080.NT40-MTB3-75	75	40	23.825	II型
DIN2080.NT40-MTB4-90	90	48	31.267	II型
DIN2080.NT40-MTB4-95	95	48	31.267	II型
DIN2080.NT40-MTB4-135	135	48	31.267	II型
DIN2080.NT40-MTB4-165	165	48	31.267	II型
DIN2080.NT50-MTB1-50	50	25	12.065	I型
DIN2080.NT50-MTB1-100	100	25	12.065	I型
DIN2080.NT50-MTB2-45	45	32	17.780	I型
DIN2080.NT50-MTB2-50	50	32	17.780	I型
DIN2080.NT50-MTB2-75	75	32	17.780	I型
DIN2080.NT50-MTB2-150	150	32	17.780	I型
DIN2080.NT50-MTB3-60	60	40	23.825	I型
DIN2080.NT50-MTB3-65	65	40	23.825	I型
DIN2080.NT50-MTB3-110	110	40	23.825	I型
DIN2080.NT50-MTB4-65	65	48	31.267	II型
DIN2080.NT50-MTB4-70	70	48	31.267	II型
DIN2080.NT50-MTB4-95	95	48	31.267	II型
DIN2080.NT50-MTB4-120	120	48	31.267	II型
DIN2080.NT50-MTB5-120	120	63	44.399	II型







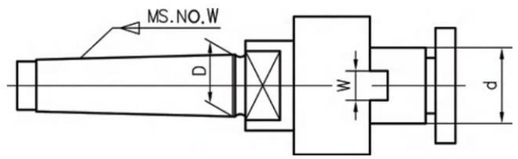
莫氏锥柄套式铣刀杆(拉杆型)
MORSE TAPER SHELL END MILL ARBORS(DRAWBAR TYPE)

HT-0149

技术参数
Technical Parameter

订单号 Order No.	D mm	d in	W mm	订单号 Order No.	D mm	d in	W mm
SD/MS2W-1/2	17.78	1/2	6.35	SD/MS2W-13	17.78	13	8
SD/MS2W-5/8	17.78	5/8	7.14	SD/MS2W-16	17.78	16	8
SD/MS2W-3/4	17.78	3/4	7.97	SD/MS2W-22	17.78	22	10
SD/MS2W-7/8	17.78	7/8	8.70	SD/MS2W-27	17.78	27	12
SD/MS3W-1/2	23.825	1/2	6.35	SD/MS3W-13	23.825	13	8
SD/MS3W-5/8	23.825	5/8	7.14	SD/MS3W-16	23.825	16	8
SD/MS3W-3/4	23.825	3/4	7.94	SD/MS3W-22	23.825	22	10
SD/MS3W-7/8	23.825	7/8	8.70	SD/MS3W-27	23.825	27	12
SD/MS3W-1	23.825	1	9.53	SD/MS3W-32	23.825	32	14
SD/MS3W-1-1/4	23.825	1-1/4	12.70	SD/MS3W-40	23.825	40	16
SD/MS4W-1/2	31.267	1/2	6.35	SD/MS4W-13	31.267	13	8
SD/MS4W-5/8	31.267	5/8	7.14	SD/MS4W-16	31.267	16	8
SD/MS4W-3/4	31.267	3/4	7.94	SD/MS4W-22	31.267	22	10
SD/MS4W-7/8	31.267	7/8	8.70	SD/MS4W-27	31.267	27	12
SD/MS4W-1	31.267	1	9.53	SD/MS4W-32	31.267	32	14
SD/MS4W-1-1/4	31.267	1-1/4	12.70	SD/MS4W-40	31.267	40	16
SD/MS4W-1-1/2	31.267	1-1/2	15.88	SD/MS4W-50	31.267	50	18
SD/MS5W-1/2	44.399	1/2	6.35	SD/MS5W-16	44.399	16	8
SD/MS5W-5/8	44.399	5/8	7.14	SD/MS5W-22	44.399	22	10
SD/MS5W-3/4	44.399	3/4	7.94	SD/MS5W-27	44.399	27	12
SD/MS5W-7/8	44.399	7/8	8.70	SD/MS5W-32	44.399	32	14
SD/MS5W-1	44.399	1	9.53	SD/MS5W-40	44.399	40	16
SD/MS5W-1-1/4	44.399	1-1/4	12.70	SD/MS5W-50	44.399	50	18
SD/MS5W-1-1/2	44.399	1-1/2	15.88	SD/MS5W-60	44.399	60	20
SD/MS5W-2	44.399	2	19.05				





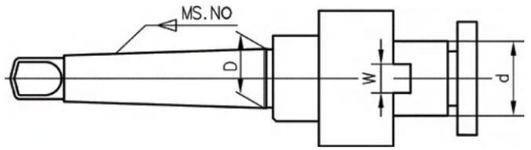
莫氏锥柄套式铣刀杆(扁尾型)
MORSE TAPER SHELL END MILL ARBORS(WITH TANG)

HT-0150

技术参数
Technical Parameter

订单号 Order No.	D mm	d in	W mm	订单号 Order No.	D mm	d in	W mm
SD/MS2-1-2	17.78	1/2	6.35	SD/MS2-13	17.78	13	8
SD/MS2-5-8	17.78	5/8	7.14	SD/MS2-16	17.78	16	8
SD/MS2-3-4	17.78	3/4	7.97	SD/MS2-22	17.78	22	10
SD/MS2-7-8	17.78	7/8	8.7	SD/MS2-27	17.78	27	12
SD/MS3-1-2	23.825	1/2	6.35	SD/MS3-13	23.825	13	8
SD/MS3-5-8	23.825	5/8	7.14	SD/MS3-16	23.825	16	8
SD/MS3-3-4	23.825	3/4	7.94	SD/MS3-22	23.825	22	10
SD/MS3-7-8	23.825	7/8	8.7	SD/MS3-27	23.825	27	12
SD/MS3-1	23.825	1	9.53	SD/MS3-32	23.825	32	14
SD/MS3-1-1/4	23.825	1-1/4	12.7	SD/MS3-40	23.825	40	16
SD/MS4-1-2	31.267	1/2	6.35	SD/MS4-13	31.267	13	8
SD/MS4-5-8	31.267	5/8	7.14	SD/MS4-16	31.267	16	8
SD/MS4-3-4	31.267	3/4	7.94	SD/MS4-22	31.267	22	10
SD/MS4-7-8	31.267	7/8	8.7	SD/MS4-27	31.267	27	12
SD/MS4-1	31.267	1	9.53	SD/MS4-32	31.267	32	14
SD/MS4-1-1/4	31.267	1-1/4	12.7	SD/MS4-40	31.267	40	16
SD/MS4-1-1/2	31.267	1-1/2	15.88	SD/MS4-50	31.267	50	18
SD/MS5-1-2	44.399	1/2	6.35	SD/MS5-16	44.399	16	8
SD/MS5-5-8	44.399	5/8	7.14	SD/MS5-22	44.399	22	10
SD/MS5-3-4	44.399	3/4	7.94	SD/MS5-27	44.399	27	12
SD/MS5-7-8	44.399	7/8	8.7	SD/MS5-32	44.399	32	14
SD/MS5-1	44.399	1	9.53	SD/MS5-40	44.399	40	16
SD/MS5-1-1/4	44.399	1-1/4	12.7	SD/MS5-50	44.399	50	18
SD/MS5-1-1/2	44.399	1-1/2	15.88	SD/MS5-60	44.399	60	20
SD/MS5-2	44.399	2	19.05				





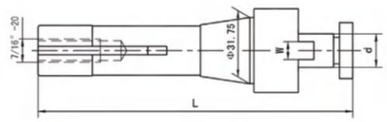
R8锥柄套式铣刀杆
R8 SHELL END MILL ARBORS

HT-0151

技术参数
Technical Parameter

订单号 Order No.	D mm	W mm	L mm	重量 Wt(kg)	订单号 Order No.	D in	W mm	L mm	重量 Wt(kg)
SDR8-16	16	8	148	0.35	SDR8-1/2	1/2	6.35	150	0.47
SDR8-22	22	10	155	0.70	SDR8-3/4	3 /4	7.94	154	0.62
SDR8-27	27	12	160	0.88	SDR8-7/8	7/8	8.7	155	0.72
SDR8-32	32	14	166	1.16	SDR8-1	1	9.53	155	0.85
SDR8-40	40	16	170	1.47	SDR8-1-1/4	1-1 /4	12.7	156	1.15
					SDR8-1-1/2	1-1 /2	15.88	163	1.36





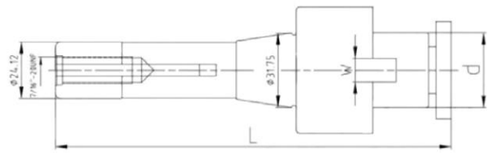
R8柄FMB平面铣刀杆
R8 SHANK FACE MILL ARBORS

HT-0152

技术参数
Technical Parameter

订单号 Order No.	D mm	W mm	L mm
R8-FMB16	16	8	151
R8-FMB22	22	10	153.5
R8-FMB27	27	12	160
R8-FMB32	32	14	166
R8-FMB40	40	16	170
R8-FMA1/2"	1/2"	6.35	150
R8-FMA3/4"	3/4"	7.94	154
R8-FMA7/8"	7/8"	8.7	155
R8-FMA1"	1"	9.53	155
R8-FMA1-1/4"	1-1/4'	12.7	156
R8-FMA1-1/2"	1-1/2'	15.88	163





R8锥柄铣夹头体
R8 TAPER COLLET CHUCK

HT-0153

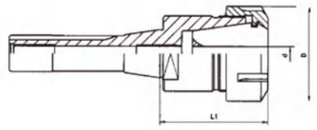
产品属性
Product Attributes

- 产品名称: R8锥柄铣夹头体
- 材质: 40Cr
- Products name:R8 taper collet chuck
- Material:40Cr

技术参数
Technical Parameter

订单号Order No.	d	D	L1
R8×ER11	1-7	19	34.7
R8×ER16	1-10	28	43.7
R8×ER20	1-13	34	46.5
R8×ER25	1-16	42	49.7
R8×ER32	2-20	50	63
R8×ER40	3-26	63	72





卧铣刀杆垫圈
ARBOR SPACERS

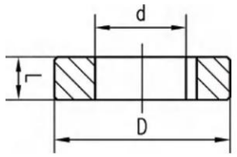
HT-0154

技术参数
Technical Parameter

订单号 Order No.	d in	D in	L in
AS-dXDXL	7/8	1-3/8	1/16 3/32 1/8
	1	1-1/2	3/16 1/4 5/16
	1-1/4	1-3/4	3/8 7/16 1/2
	1-1/2	2-1/8	5/8 3/4 7/8
	2	2-3/4	1 1-1/4 1-1/2
	2-1/2	3-1/4	2 3

订单号 Order No.	d mm	D mm	L mm
AS-dXDXL	13	23	2
	16	27	3
	22	34	6
	27	41	10
	32	47	20
	40	55	30
	50	69	60
	60	84	100





R8钻接杆
R8 DRILL CHUCK ARBORS

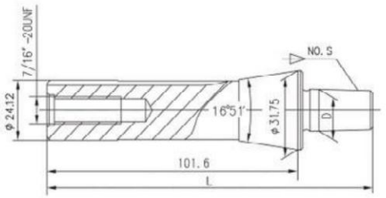
HT-0155

技术参数
Technical Parameter

订单号 Order No.	D mm	L mm	重量 Wt(kg)
R8-J0	6.350	117	0.393
R8-J1	9.754	122	0.409
R8-J2S	13.940	125	0.400
R8-J2	14.199	128	0.414
R8-J33	15.850	132	0.418
R8-J6	17.170	132	0.426
R8-J3	20.599	137	0.465
R8-J4	28.550	148	0.600

订单号 Order No.	D mm	L mm	重量 Wt(kg)
R8-J5	35.890	154	0.742
R8-N6	6.350	118.5	0.250
R8-B10	10.094	124	0.386
R8-B12	12.065	128	0.408
R8-B16	15.733	135	0.440
R8-B18	17.780	143	0.454
R8-B22	21.793	152	0.514
R8-B24	23.825	162	0.567





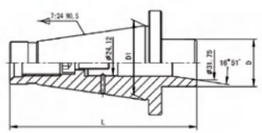
7:24 R8 变径套
7: 24 TO R8 ADAPTER

HT-0156

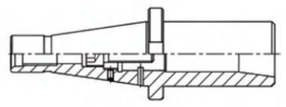
技术参数
Technical Parameter

订单号Order No.	7:24 NO.S	D1	L	D	示意图Figure
B30-R8	30	31.75	192	42	2
B40-R8	40	44.45	178.6	44.5	2
B50-R8	50	69.85	175	44.5	1





1
figure1



2
figure2

7:24锥柄卧铣刀杆
7:24 MILLING MACHINE ARBORS

HT-0157

技术参数
Technical Parameter

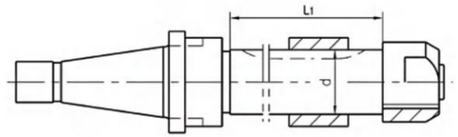
订单号Order No.	ISO.NO	d	L1	D	型号Style	轴套数量Qty
30-1A10	30	1	10	-	A	none
30-1A12	30	1	12	-	A	none
30-1-1/4A10	30	1-1/4	10	-	A	none
30-1B2	30	1	2	-	B	none
30-1BB	30	1	8	-	B	none
30-1B12	30	1	12	1-7/8	B	1
30-7/8A10	30	7/8	10	-	A	none
40-7/8A16	40	7/8	16	1-7/8	A	1
40-1A8	40	1	8	-	A	none
40-1A10	40	1	10	-	A	none
40-1A12	40	1	12	-	A	none
40-1A16	40	1	16	-	A	none
40-1A20	40	1	20	-	A	none
40-1-1/4A8	40	1-1/4	8	-	A	none
40-1-1/4A10	40	1-1/4	10	-	A	none
40-1-1/4A12	40	1-1/4	12	-	A	none
40-1-1/4A16	40	1-1/4	16	-	A	none
40-1-1/4B3	40	1-1/4	3	-	B	none
40-1B3	40	1	3	-	B	none
40-7/8B16	40	7/8	16	1-7/8	B	1
40-1-1/4A16	40	1-1/4	16	1-7/8	A	1
40-7/8B14	40	7/8	14	1-7/8	B	1
40-1B14	40	1	14	1-7/8	B	1
40-1-1/4B14	40	1-1/4	14	1-7/8	B	1
40-1B20	40	1	20	1-7/8	B	1
40-1-1/4B20	40	1-1/4	20	1-7/8	B	1
40-1-1/2B20	40	1-1/2	20	2-1/8	B	1
50-7/8A18	50	7/8	18	2-1/8	A	1
50-1A8	50	1	8	2-1/8	A	1
50-1A12	50	1	12	-	A	none
50-1A18-4	50	1	18	2-1/8	A	1
50-1-1/4A8	50	1-1/4	8	-	A	none
50-1-1/4A12	50	1-1/4	12	-	A	none

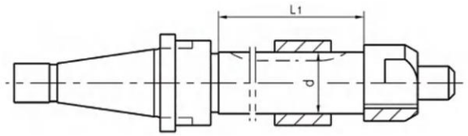
7:24锥柄卧铣刀杆
7:24 MILLING MACHINE ARBORS
HT-0157
技术参数
Technical Parameter

订单号Order No.	ISO.NO	d	L1	D	型号Style	轴套数量Qty
50-1-1/4A18-4	50	1-1/4	18	2-1/8	A	1
50-1B15-4	50	1	15	2-1/8	B	1
50-1B1B-4	50	1	18	2-1/8	B	2
50-1B24-4	50	1	24	2-1/8	B	2
50-1-1/4B15-4	50	1-1/4	15	2-1/8	B	1
50-1-1/4B18-4	50	1-1/4	18	2-1/8	B	2
50-1-1/4B24-4	50	1-1/4	24	2-3/4	B	2
50-1-1/4B30-4	50	1-1/4	30	2-3/4	B	2
50-1-1/2B18-4	50	1-1/2	18	2-3/4	B	2
50-1-1/2B24-5	50	1-1/2	24	-	B	2
50-1-1/2B30-5	50	1-1/2	30	-	B	2
50-1-1/2B36-5	50	1-1/2	36	-	B	2
50-1B3-1/2	50	1	3-1/2	-	B	none
50-1-1/4B3-1/2	50	1-1/4	3-1/2	-	B	none
50-1-1/2B3-1/2	50	1-1/2	3-1/2	-	B	none
50-7/8A10	50	7/8	10	-	A	none
50-2B24-5	50	2	24	2-3/4	B	2
50-2B30-5	50	2	30	2-3/4	-	2
50-2B36-5	50	2	36	2-3/4	-	2
50-2-1/2B36-6	50	2-1/2	36	3-3/8	-	2









莫氏柄立铣刀杆-拉杆
MORSE TAPER END MILL ADAPTERS WITH DRAWBAR

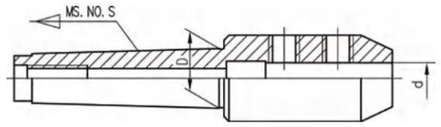
HT-0158

技术参数
Technical Parameter

d mm	订单号Order No.					
	MS1	MS2	MS3	MS4	MS5	MS6
4	FDMW1040M	FDMW2040M	FDMW3040M	FDMW4040M	FDMW5040M	FDMW6040M
6	FDMW1060M	FDMW2060M	FDMW3060M	FDMW4060M	FDMW5060M	FDMW6060M
8	FDMW1080M	FDMW2080M	FDMW3080M	FDMW4080M	FDMW5080M	FDMW6080M
10	FDMW1100M	FDMW2100M	FDMW3100M	FDMW4100M	FDMW5100M	FDMW6100M
12	FDMW1120M	FDMW2120M	FDMW3120M	FDMW4120M	FDMW5120M	FDMW6120M
14		FDMW2140M	FDMW3140M	FDMW4140M	FDMW5140M	FDMW6140M
16		FDMW2160M	FDMW3160M	FDMW4160M	FDMW5160M	FDMW6160M
18		FDMW2180M	FDMW3180M	FDMW4180M	FDMW5180M	FDMW6180M
20		FDMW2200M	FDMW3200M	FDMW4200M	FDMW5200M	FDMW6200M
22			FDMW3220M	FDMW4220M	FDMW5220M	FDMW6220M
25			FDMW3250M	FDMW4250M	FDMW5250M	FDMW6250M
32				FDMW4320M	FDMW5320M	FDMW6320M
40				FDMW4400M	FDMW5400M	FDMW6400M
50					FDMW5500M	FDMW6500M
63					FDMW5630M	FDMW6630M

d in	订单号Order No.					
	MS1	MS2	MS3	MS4	MS5	MS6
3/16	FDMW10188	FDMW20188	FDMW30188	FDMW40188	FDMW50188	
1/4	FDMW10250	FDMW20250	FDMW30250	FDMW40250	FDMW50250	
5/16	FDMW10312	FDMW20312	FDMW30312	FDMW40312	FDMW50312	
3/8	FDMW10375	FDMW20375	FDMW30375	FDMW40375	FDMW50375	
1/2	FDMW10500	FDMW20500	FDMW30500	FDMW40500	FDMW50500	
5/8	FDMW10625	FDMW20625	FDMW30625	FDMW40625	FDMW50625	
3/4	FDMW10750	FDMW20750	FDMW30750	FDMW40750	FDMW50750	
7/8			FDMW30875	FDMW40875	FDMW50875	FDMW60875
1			FDMW31000	FDMW41000	FDMW51000	FDMW61000
1-1/4				FDMW41250	FDMW51250	FDMW61250
1-1/2				FDMW41500	FDMW51500	FDMW61500
2					FDMW52000	FDMW62000
2-1/2					FDMW52500	FDMW62500





莫氏柄立铣刀杆-后拉
MORSE TAPER END MILL ADAPTERS WITH TANG

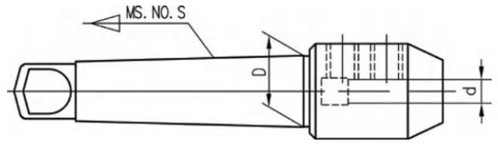
HT-0159

技术参数
Technical Parameter

d mm	订单号Order No.					
	MS1	MS2	MS3	MS4	MS5	MS6
4	FDMS1040M	FDMS2040M	FDMS3040M	FDMS4040M	FDMS5040M	FDMS6040M
6	FDMS1060M	FDMS2060M	FDMS3060M	FDMS4060M	FDMS5060M	FDMS6060M
8	FDMS1080M	FDMS2080M	FDMS3080M	FDMS4080M	FDMS5080M	FDMS6080M
10	FDMS1100M	FDMS2100M	FDMS3100M	FDMS4100M	FDMS5100M	FDMS6100M
12	FDMS1120M	FDMS2120M	FDMS3120M	FDMS4120M	FDMS5120M	FDMS6120M
14		FDMS2140M	FDMS3140M	FDMS4140M	FDMS5140M	FDMS6140M
16		FDMS2160M	FDMS3160M	FDMS4160M	FDMS5160M	FDMS6160M
18		FDMS2180M	FDMS3180M	FDMS4180M	FDMS5180M	FDMS6180M
20		FDMS2200M	FDMS3200M	FDMS4200M	FDMS5200M	FDMS6200M
22			FDMS3220M	FDMS4220M	FDMS5220M	FDMS6220M
25			FDMS3250M	FDMS4250M	FDMS5250M	FDMS6250M
32				FDMS4320M	FDMS5320M	FDMS6320M
40				FDMS4400M	FDMS5400M	FDMS6400M
50					FDMS5500M	FDMS6500M
63					FDMS5630M	FDMS6630M

d in	订单号Order No.					
	MS1	MS2	MS3	MS4	MS5	MS6
3/16	FDMS10188	FDMS20188	FDMS30188	FDMS40188	FDMS50188	
1/4	FDMS10250	FDMS20250	FDMS30250	FDMS40250	FDMS50250	
5/16	FDMS10312	FDMS20312	FDMS30312	FDMS40312	FDMS50312	
3/8	FDMS10375	FDMS20375	FDMS30375	FDMS40375	FDMS50375	
1/2	FDMS10500	FDMS20500	FDMS30500	FDMS40500	FDMS50500	
5/8		FDMS20625	FDMS30625	FDMS40625	FDMS50625	
3/4		FDMS20750	FDMS30750	FDMS40750	FDMS50750	
7/8			FDMS30875	FDMS40875	FDMS50875	FDMS60875
1			FDMS31000	FDMS41000	FDMS51000	FDMS61000
1-1/4				FDMS41250	FDMS51250	FDMS61250
1-1/2				FDMS41500	FDMS51500	FDMS61500
2					FDMS52000	FDMS62000
2-1/2					FDMS52500	FDMS62500





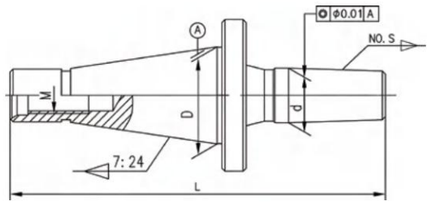
7:24钻接杆
7:24 DRILL CHUCK ARBORS

HT-0160

技术参数
Technical Parameter

订单号Order No.7:24-NO.S	D mm	d mm	L mm	M	重量 Wt(kg)	订单号Order No.7:24-NO.S	D mm	d mm	L mm	M	重量 Wt(kg)
ISO30-J0	31.75	6.35	99	M12	0.313	ISO50-J6	69.85	17.17	184	M24	2.739
ISO30-J1	31.75	9.754	106	M12	0.326	ISO50-J3	69.85	20.599	191	M24	2.777
ISO30-J2S	31.75	13.94	109	M12	0.341	ISO50-J4	69.85	28.55	202	M24	2.953
ISO30-J2	31.75	14.199	113	M12	0.349	ISO50-J5	69.85	35.89	205	M24	3.178
ISO30-J33	31.75	15.85	122	M12	0.377	ISO30-B10	31.75	10.094	104	M12	0.325
ISO30-J6	31.75	17.17	122	M12	0.388	ISO30-B12	31.75	12.065	108	M12	0.33
ISO30-J3	31.75	20.599	123	M12	0.426	ISO30-B16	31.75	15.733	116	M12	0.372
ISO30-J4	31.75	28.55	136	M12	0.602	ISO30-B18	31.75	17.78	124	M12	0.393
ISO30-J5	31.75	35.89	145	M12	0.827	ISO30-B22	31.75	21.793	133	M12	0.46
ISO40-J0	44.45	6.35	126	M16	0.789	ISO30-B24	31.75	23.825	143	M12	0.518
ISO40-J1	44.45	9.754	133	M16	0.797	ISO40-B10	44.45	10.094	132	M16	0.801
ISO40-J2S	44.45	13.94	136	M16	0.817	ISO40-B12	44.45	12.065	136	M16	0.809
ISO40-J2	44.45	14.199	141	M16	0.829	ISO40-B16	44.45	15.733	143	M16	0.848
ISO40-J33	44.45	15.85	145	M16	0.853	ISO40-B18	44.45	17.78	151	M16	0.869
ISO40-J6	44.45	17.17	145	M16	0.864	ISO40-B22	44.45	21.793	160	M16	0.936
ISO40-J3	44.45	20.599	150	M16	0.902	ISO40-B24	44.45	23.825	169	M16	0.994
ISO40-J4	44.45	28.55	165	M16	1.028	ISO50-B10	69.85	10.094	170	M24	2.694
ISO40-J5	44.45	25.89	170	M16	1.303	ISO50-B12	69.85	12.065	174	M24	2.676
ISO50-J1	69.85	9.754	175	M24	2.672	ISO50-B16	69.85	15.733	182	M24	2.723
ISO50-J2S	69.85	13.94	177	M24	2.692	ISO50-B18	69.85	17.78	195	M24	2.744
ISO50-J2	69.85	14.199	180	M24	2.704	ISO50-B22	69.85	21.793	200	M24	2.811
ISO50-J33	69.85	15.85	184	M24	2.728	ISO50-B24	69.85	23.825	215	M24	2.869





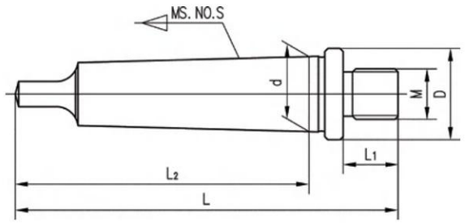
莫氏螺纹钻接杆
MORSE DRILL CHUCK ARBORS

HT-0161

技术参数
Technical Parameter

订单号Order	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	MS1	85	15.5	62	27	12.065	1/2" -20UNF
MS1-M12×1.25	MS1	85	15.5	62	27	12.065	M12×1.25
MS1-5/8" -16UNF	MS1	88	17.5	62	29	12.065	5/8" -16UNF
MS2-M10×1	MS2	97	13.5	75	24	17.780	M10×1
MS2-3/8" -24UNF	MS2	97	13.5	75	24	17.780	3/8" -24UNF
MS2-M12×1.25	MS2	100	15.5	75	27	17.780	M12×1.25
MS2-1/2" -20UNF	MS2	100	15.5	75	27	17.780	1/2" -20UNF
MS2-M16×1.5	MS2	103	17.5	75	29	17.780	M16×1.5
MS2-5/8"-16UNF	MS2	103	17.5	75	29	17.780	5/8" -16UNF
MS2-5/8" -20UNF	MS2	103	17.5	75	29	17.780	5/8" -20UNF
MS3-M10×1	MS3	116	13.5	94	24	23.825	M10×1
MS3-3/8"-24	MS3	116	13.5	94	24	23.825	3/8" -24UNF
MS3-M12×1.25	MS3	119	15.5	94	27	23.825	M12×1.25
MS3-1/2" -20UNF	MS3	119	15.5	94	27	23.825	1/2" -20UNF
MS3-M16×1.5	MS3	122	17.5	94	29	23.825	M16×1.5
MS3-5/8" -16UNF	MS3	122	17.5	94	29	23.825	5/8" -16UNF
MS4-M12×1.25	MS4	145	15.5	117.5	31.6	31.267	M12×1.25





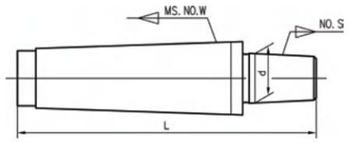
后拉型莫氏钻接杆
MORSE TAPER DRILL CHUCK ARBORS WITH DRAWBAR

HT-0162

技术参数
Technical Parameter

订单号Order No. MS.NO.W-NO.S	D mm	L mm	订单号Order No. MS.NO.W-NO.S	D mm	L mm	订单号Order No. MS.NO.W-NO.S	D mm	L mm
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	S3W-J2	14.199	111	MS5W-J4	28.550	181
MS1W-J0	6.350	71	MS3W-J3	20.599	120	MS5W-J5	35.890	186
MS1W-J1	9.754	76	MS3W-J4	28.550	131	MS5W-J6	17.170	164
MS1W-J2	14.199	82	MS3W-J5	35.890	136	MS5W-J33	15.850	164
MS1W-J3	20.599	91	MS3W-J6	17.170	114	MS5W-B16	15.7733	168
MS1W-J6	17.170	85	MS3W-J33	15.850	114	MS5W-B18	17.780	176
MS1W-J33	15.850	85	MS3W-B10	10.094	107	MS5W-B22	21.793	185
MS1W-B10	10.094	78	MS3W-B12	12.065	111	MS5W-B24	23.825	195
MS1W-B12	12.065	82	MS3W-B16	15.733	118	MS6W-J3	20.599	224
MS1W-B16	15.733	89	MS3W-B18	17.780	126	MS6W-J4	28.550	235
MS1W-B18	17.780	97	MS3W-B22	21.793	135	MS6W-J5	35.890	240
MS2W-J0	6.350	83	MS3W-B24	23.825	145	MS6W-J6	177.170	218
MS2W-J1	9.745	88	MS4W-J2	14.199	134	MS6W-B33	15.850	218
MS2W-J2	14.199	94	MS4W-J3	20.599	143	MS6W-B16	15.733	222
MS2W-J3	20.599	103	MS4W-J4	28.550	154	MS6W-B18	17.778	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





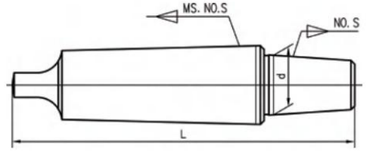
舌尾型莫氏钻接杆
MORSE TAPER DRILL CHUCK ARBORS WITH TANG

HT-0163

技术参数
Technical Parameter

订单号Order No. MS.NO.W-NO.S	D mm	L mm	订单号Order No. MS.NO.W-NO.S	D mm	L mm	订单号Order No. MS.NO.W-NO.S	D mm	L mm
MS0-B6	6.35	75	MS2-B22	21.793	128	MS4-B18	17.78	164
MS0-B10	10.094	80	MS2-B24	23.829	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	6.35	94	MS4-J0	6.35	138
MS0-B18	17.78	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	6.35	73	MS2-J4	28.55	125	MS4-J4	28.55	169
MS0-J3	20.599	93	MS2-J5	35.89	130	MS4-J5	35.89	174
MS0-J33	15.85	88	MS2-J6	17.17	108	MS4-J6	17.17	152
MS1-B10	10.094	86	MS2-J33	15.85	108	MS4-J33	15.85	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	17.78	105	MS3-B16	15.733	131	MS5-B16	15.733	188
MS1-B22	21.793	114	MS3-B18	17.78	139	MS5-B18	17.78	196
MS1-B24	23.825	124	MS3-B22	21.793	147	MS5-B22	21.793	204
MS1-J0	6.35	79	MS2-B24	23.825	157	MS5-B24	23.835	214
MS1-J1	9.754	85	MS2-J0	6.35	113	MS5-J0	6.35	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	28.55	110	MS3-J3	20.599	133	MS5-J3	20.599	190
MS1-J5	35.89	116	MS3-J4	28.55	144	MS5-J4	28.55	201
MS1-J6	17.17	94	MS3-J5	35.89	149	MS5-J5	35.89	206
MS1-J33	15.85	94	MS3-J6	17.17	127	MS5-J6	17.177	184
MS2-B10	10.094	101	MS3-J33	15.85	127	MS5-J33	15.85	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	17.78	120	MS4-B16	15.733	156	MS6-J6	17.17	246





混合插入式铣刀杆
COMBIN SHELL ADAPTER

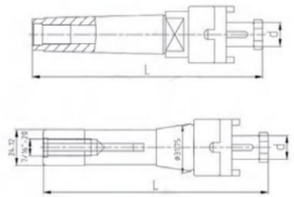
HT-0164

技术参数
Technical Parameter

订单号Order No.	Dmm	Lmm
MT2-16	16	131
MT2-22	22	139
MT2-27	27	142
MT3-16	16	149
MT3-22	22	157
MT3-27	27	160
MT3-32	32	169
MT4-16	16	181
MT4-22	22	184
MT4-27	27	187
MT4-32	32	199

订单号Order No.	Dmm	Lmm
MT4-40	40	203
MT5-22	22	226
MT5-27	27	229
MT5-32	32	233
MT5-40	40	237
MT5-50	50	242
R8-16	16	150
R8-22	22	158
R8-27	27	161
R8-32	32	170
R8-40	40	176





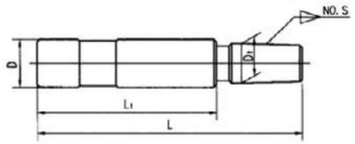
直柄钻接杆
STRAIGHT SHANK DRILL CHUCK ARBORS

HT-0165

技术参数
Technical Parameter

型号Model	D		NO.S	D1 (mm)
	in	mm		
D-J0		6	J0	6.350
D-J1	3/8"	8	J1	9.754
D-J2	1/2"	10	J2	14.199
D-J3		12	J3	20.599
D-J4	5/8"	13	J4	28.550
D-J5	7/8"	14	J5	35.890
D-J6		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		32	B12	12.065
D-B16	1-1/2"	35	B16	15.733
D-B18	1-3/4"	36	B18	17.780
D-B22		40	B22	21.793
D-B24		50	B24	23.825





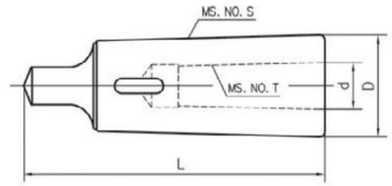
DIN2185 莫氏变径套
MORSE TAPER SLEEVES

HT-0166

技术参数
Technical Parameter

订单号Order No.	MS.NO.S	MS.NO.T	D(mm)	d(mm)	L(mm)	重量Wt(kg)	精度Accuracy (mm)
B1-0	1	0	13	9.045	80	0.1	0.015
B2-1	2	1	18.6	12.065	92	0.1	0.015
B3-1	3	1	24.1	12.065	99	0.24	0.015
B3-2	3	2	24.7	17.780	112	0.12	0.015
B4-1	4	1	31.6	12.065	124	0.6	0.015
B4-2	4	2	31.6	17.780	124	0.5	0.015
B4-3	4	3	32.4	23.825	140	0.38	0.015
B5-1	5	1	44.7	12.065	156	1.59	0.02
B5-2	5	2	44.7	17.780	156	1.49	0.02
B5-3	5	3	44.7	23.825	156	1.36	0.02
B5-4	5	4	45.5	31.267	171	0.95	0.02
B6-1	6	1	63.8	12.065	218	3.84	0.02
B6-2	6	2	63.8	17.780	218	3.73	0.02
B6-3	6	3	63.8	23.825	218	3.85	0.02
B6-4	6	4	63.8	31.267	218	3.12	0.02
B6-5	6	5	63.8	44.399	218	1.95	0.02





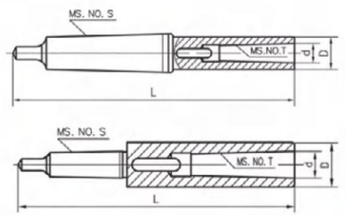
DIN2187 加长变径套
EXTENSION SOCKET WITH MS. HOLE

HT-0167

技术参数
Technical Parameter

订单号Order No.	MS.NO.S	MS.NO.T	D(mm)	d(mm)	L(mm)	重量Wt(kg)	精度Accuracy (mm)
BL1-1	1	1	20	12.065	145	0.19	0.03
BL1-2	1	2	30	17.780	160	0.4	0.03
BL1-3	1	3	36	23.825	181	0.4	0.03
BL2-1	2	1	20	12.065	160	0.29	0.03
BL2-2	2	2	30	17.780	175	0.5	0.03
BL2-3	2	3	36	23.825	196	0.6	0.03
BL2-4	2	4	48	31.267	221	1.43	0.03
BL3-1	3	1	20	12.065	175	0.41	0.03
BL3-2	3	2	30	17.780	194	0.62	0.03
BL3-3	3	3	36	23.825	215	0.89	0.03
BL3-3A	3	4	40	23.825	215	1.1	0.03
BL3-4	3	5	48	31.267	240	1.55	0.03
BL3-5	3	6	63	44.399	275	2.8	0.03
BL4-1	4	1	20	12.065	200	0.81	0.03
BL4-2	4	2	30	17.780	215	1.00	0.03
BL4-3	4	3	36	23.825	240	1.27	0.03
BL4-4	4	4	48	31.267	265	1.93	0.03
BL4-5	4	5	63	44.399	300	3.18	0.03
BL4-6	4	6	85	63.348	368	6.5	0.05
BL5-1	5	1	20	12.065	232	1.79	0.04
BL5-2	5	2	30	17.780	247	2.00	0.04
BL5-3	5	3	36	23.825	268	2.27	0.04
BL5-4	5	3	48	31.267	300	2.93	0.04
BL5-5	5	4	63	44.399	335	4.18	0.04
BL5-6	5	5	85	63.348	403	6.7	0.05
BL6-1	6	1	20	12.065	294	4.4	0.04
BL6-2	6	2	30	17.780	309	4.25	0.04
BL6-3	6	3	36	23.825	330	4.52	0.04
BL6-4	6	4	48	31.267	355	5.18	0.04
BL6-5	6	5	63	44.399	390	6.43	0.04





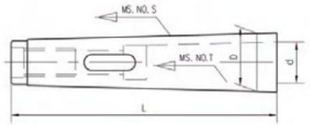
莫氏变径套（拉杆型）
MORSE TAPER SLEEVES（DRAWBAR TYPE）

HT-0168

技术参数
Technical Parameter

订单号Order 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	0.01
BM3-2	3	2	23.825	17.780	116	0.01
BM4-1	4	1	31.267	12.065	110	0.01
BM4-2	4	2	31.267	17.780	120	0.01
BM4-3	4	3	31.267	23.825	140	0.01
BM5-1	5	1	44.399	12.065	136	0.02
BM5-2	5	2	44.399	17.780	136	0.02
BM5-3	5	3	44.399	23.825	148	0.02
BM5-4	5	4	44.399	31.267	176	0.02



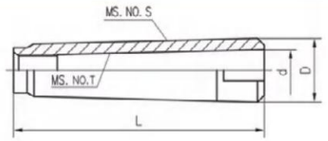


莫氏中间套
MORSE TAPER SLEEVES

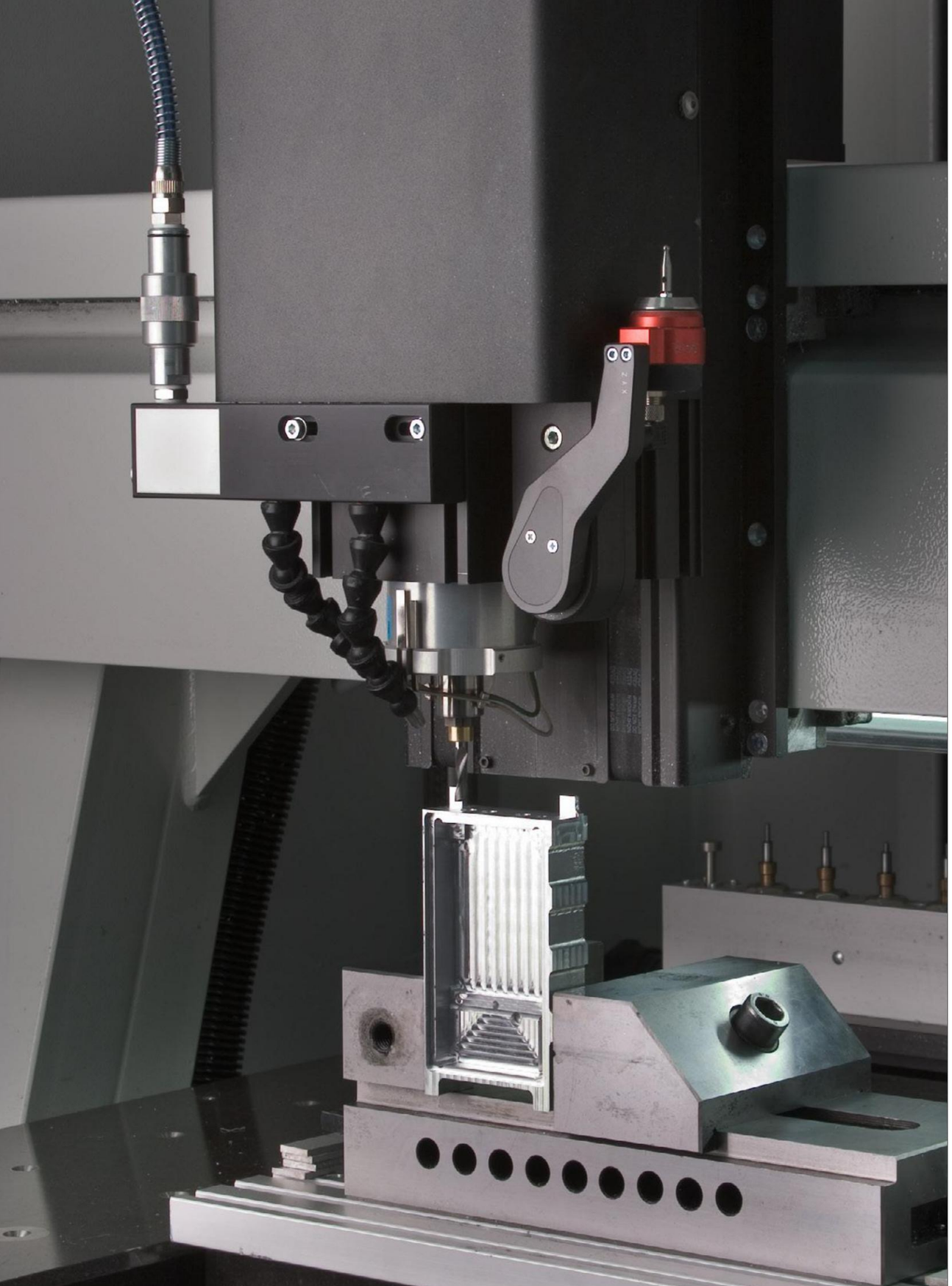
HT-0169

技术参数
Technical Parameter





Order 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	1	24.1	12.065	80	0.24	0.015
BZ3-2	3	2	24.1	17.780	80	0.12	0.015
BZ4-1	4	1	31.6	12.065	90	0.63	0.02
BZ4-2	4	2	31.6	17.780	90	0.50	0.02
BZ4-3	4	3	31.6	23.825	90	0.38	0.02
BZ5-2	5	2	44.7	17.780	110	1.49	0.02
BZ5-3	5	3	44.7	23.825	110	1.36	0.02
BZ5-4	5	4	44.7	31.267	110	0.95	0.02
BZ6-3	6	3	63.8	23.825	130	3.58	0.025
BZ6-4	6	4	63.8	31.267	130	3.12	0.025
BZ6-5	6	5	63.8	44.399	130	1.95	0.025
BZ7-5	7	5	83.56	44.399	195	1.69	0.025



数控刀夹系列

NC Tool holder series

B1 型径向右刀夹
B1 tool holder
P167

B2 型径向左刀夹
B2 tool holder
P167

B3 型径向右刀夹
B3 tool holder
P168

B4型径向左刀夹
B4 tool holder
P168

B5 型径向右刀夹
B5 tool holder
P169

B6 型径向左刀夹
B6 tool holder
P169

B7 型径向右刀夹
B7 tool holder
P170

B8 型径向左刀夹
B8 tool holder
P170

C1 型轴向右刀夹
C1 tool holder
P171

C2 型轴向左刀夹
C2 tool holder
P171

C3型轴向右刀夹
C3 tool holder
P172

C4型轴向左刀夹
C4 tool holder
P172

E1型圆柱孔刀夹（钻孔）
E1 tool holder
P173

E2型圆柱孔刀夹（铣、镗孔）
E2 tool holder
P174

E3型DIN6388 EOC 夹头刀夹
E3 collet holder
P175

E4型DIN6499 ER 夹头刀夹
E4 collet holder
P176

F型莫氏锥孔刀夹
F tool holder
P177

内孔刀座
Boring bar tool holder
P178

外径刀座
Turning holder
P179

外径刀座(后缩式)
Turning holder
P180

端面刀座
Facing tool holder
P181

切断刀座
Cutting tool holder
P182

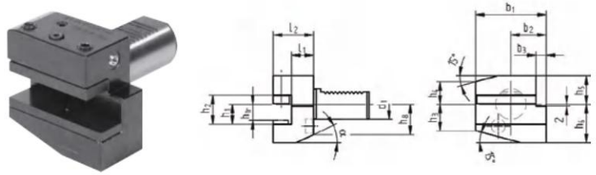
VDI NC 刀柄系列
VDI NC TOOL HOLDER SERIES

HT-0170

技术参数
Technical Parameter

B1 型径向右刀夹 TYPE B1TOOL HOLDER
with square crossholding fixture right,short

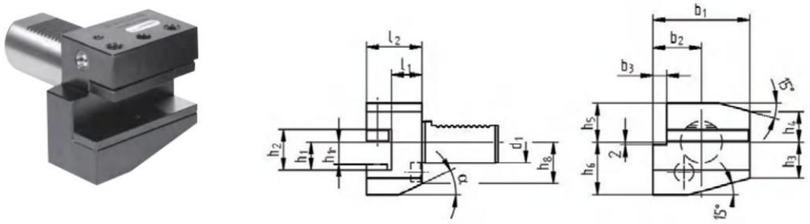
订单号Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h8	l1	l2	α
B1-16X12X24	16	42	23	5	12	17	15	15	20	22	19	13	24	30°
B1-16X12X34	16	42	23	5	12	17	15	15	20	22	19	23	34	30°
B1-20X16X30	20	55	30	7	16/12	22	19	19	25	30	23	16	30	30°
B1-20X16X40	20	55	30	7	16/12	22	19	19	25	30	23	26	40	30°
B1-25X16X30	25	55	30	7	16/12	22	22.5	22.5	25	30	23	16	30	30°
B1-25X16X40	25	55	30	7	16/12	22	22.5	22.5	25	30	23	26	40	30°
B1-30X20X40	30	70	35	10	20/16	29	26	22	28	38	30	22	40	25°
B1-30X20X60	30	70	35	10	20/16	29	26	22	28	38	30	42	60	25°
B1-40X25X44	40	85	42.5	12.5	25/20	34	35	30	32.5	48	-	22	44	-
B1-50X32X55	50	100	50	16	32/25	41	42	35	35	60	-	30	55	-
B1-60X32X60	60	125	62.5	16	32/25	41	46	42.5	42.5	62.5	-	30	60	-



B2 型径向左刀夹 TYPE B2 TOOL HOLDER
with square crossholding fixture left,short

HT-0171

订单号Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h8	l1	l2	α
B2-16X12X24	16	42	23	5	12	17	15	15	20	22	19	13	24	30°
B2-16X12X34	16	42	23	5	12	17	15	15	20	22	19	23	34	30°
B2-20X16X30	20	55	30	7	16/12	22	19	19	25	30	23	16	30	30°
B2-20X16X40	20	55	30	7	16/12	22	19	19	25	30	23	26	40	30°
B2-25X16X30	25	55	30	7	16/12	22	22.5	22.5	25	30	23	16	30	30°
B2-25X16X40	25	55	30	7	16/12	22	22.5	22.5	25	30	23	26	40	30°
B2-30X20X40	30	70	35	10	20/16	29	26	22	28	38	30	22	40	25°
B2-30X20X60	30	70	35	10	20/16	29	26	22	28	38	30	42	60	25°
B2-40X25X44	40	85	42.5	12.5	25/20	34	35	30	32.5	48	-	22	44	-
B2-50X32X55	50	100	50	16	32/25	41	42	35	35	60	-	30	55	-
B2-60X32X60	60	125	62.5	16	32/25	41	46	42.5	42.5	62.5	-	30	60	-



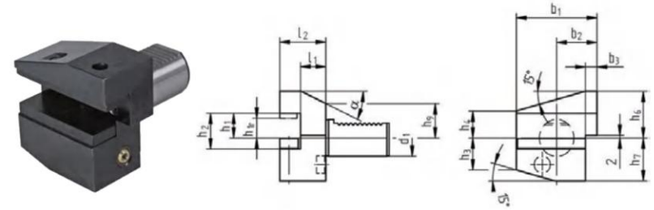
VDI NC 刀柄系列
VDI NC TOOL HOLDER SERIES

HT-0172

技术参数
Technical Parameter

B3 型径向右刀夹(刀具反装) TYPE B3 TOOL HOLDER
with square crossholding fixture overhead right,short

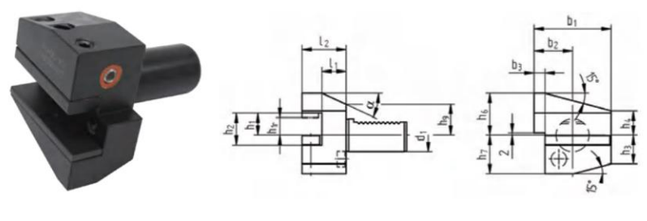
订单号Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h6	h7	h9	l1	l2	α
B3-16X12X24	16	42	23	5	12	17	15	15	22	20	19	13	24	30°
B3-16X12X34	16	42	23	5	12	17	15	15	22	20	19	23	34	30°
B3-20X16X30	20	55	30	7	16/12	22	19	19	30	25	23	16	30	30°
B3-20X16X40	20	55	30	7	16/12	22	19	19	30	25	23	26	40	30°
B3-25X16X30	25	55	30	7	16/12	22	22.5	22.5	30	25	25	16	30	30°
B3-25X16X40	25	55	30	7	16/12	22	22.5	22.5	30	25	25	26	40	30°
B3-30X20X40	30	70	35	10	20/16	29	26	22	38	35	28	22	40	25°
B3-30X20X60	30	70	35	10	20/16	29	26	22	38	35	28	42	60	25°
B3-40X25X44	40	85	42.5	12.5	25/20	34	35	30	48	42.8	-	22	44	-
B3-50X32X55	50	100	50	16	32/25	41	42	35	60	50	-	30	55	-
B3-60X32X60	60	125	62.5	16	32/25	41	46	42.5	62.5	62.5	-	30	60	-



B4 型径向左刀夹(刀具反装) TYPE B4 TOOL HOLDER
with square crossholding fixture overhead left,short

HT-0173

订单号Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h6	h7	h9	l1	l2	α
B4-16X 12X24	16	42	23	5	12	17	15	15	22	20	19	13	24	30°
B4-16X 12X34	16	42	23	5	12	17	15	15	22	20	19	23	34	30°
B4-20X 16X30	20	55	30	7	16/12	22	19	19	30	25	23	16	30	30°
B4-20X 16X40	20	55	30	7	16/12	22	19	19	30	25	23	26	40	30°
B4-25X 16X30	25	55	30	7	16/12	22	22.5	22.5	30	25	25	16	30	30°
B4-25X 16X40	25	55	30	7	16/12	22	22.5	22.5	30	25	25	26	40	30°
B4-30X20X40	30	70	35	10	20/16	29	26	22	38	35	28	22	40	25°
B4-30X20X60	30	70	35	10	20/16	29	26	22	38	35	28	42	60	25°
B4-40X25X44	40	85	42.5	12.5	25/20	34	35	30	48	42.8	-	22	44	-
B4-50X32X55	50	100	50	16	32/25	41	42	35	60	50	-	30	55	-
B4-60X32X60	60	125	62.5	16	32/25	41	46	42.5	62.5	62.5	-	30	60	-

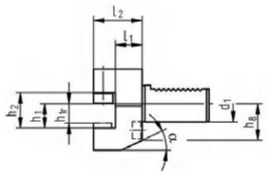


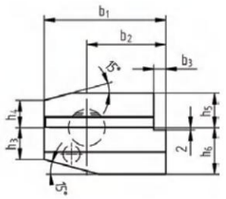
技术参数
Technical Parameter

B5 型径向右刀夹(加长型) TYPE B5 TOOL HOLDER
with square crossholding fixture right,long

订单号Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h8	l1	l2	α
B5-16X12X24	16	58	39	5	12	17	15	15	20	22	19	13	24	30°
B5-16X12X34	16	58	39	5	12	17	15	15	20	22	19	23	34	30°
B5-20X16X30	20	75	50	7	16/12	22	19	19	25	30	23	16	30	30°
B5-20X16X40	20	75	50	7	16/12	22	19	19	25	30	23	26	40	30°
B5-25X16X30	25	75	50	7	16/12	22	22.5	22.5	25	30	23	16	30	30°
B5-25X16X40	25	75	50	7	16/12	22	22.5	22.5	25	30	23	26	40	30°
B5-30X20X40	30	100	65	10	20/16	29	26	22	28	38	30	22	40	25°
B5-30X20X60	30	100	65	10	20/16	29	26	22	28	38	30	42	60	25°
B5-40X25X44	40	118	75.5	12.5	25/20	34	35	30	32.5	48	-	22	44	-
B5-50X32X55	50	130	80	16	32/25	41	42	35	35	60	-	30	55	-
B5-60X32X60	60	145	82.5	16	32/25	41	46	42.5	42.5	62.5	-	30	60	-





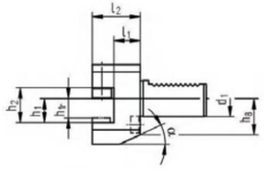


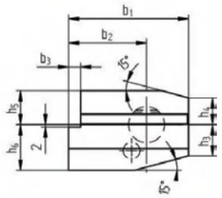
B6 型径向左刀夹(加长型) TYPE B6 TOOL HOLDER
with square crossholding fixture left,long

HT-0175

订单号Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h8	l1	l2	α
B6-16X12X24	16	58	39	5	12	17	15	15	20	22	19	13	24	30°
B6-16X12X34	16	58	39	5	12	17	15	15	20	22	19	23	34	30°
B6-20X16X30	20	75	50	7	16/12	22	19	19	25	30	23	16	30	30°
B6-20X16X40	20	75	50	7	16/12	22	19	19	25	30	23	26	40	30°
B6-25X16X30	25	75	50	7	16/12	22	22.5	22.5	25	30	23	16	30	30°
B6-25X16X40	25	75	50	7	16/12	22	22.5	22.5	25	30	23	26	40	30°
B6-30X20X40	30	100	65	10	20/16	29	26	22	28	38	30	22	40	25°
B6-30X20X60	30	100	65	10	20/16	29	26	22	28	38	30	42	60	25°
B6-40X25X44	40	118	75.5	12.5	25/20	34	35	30	32.5	48	-	22	44	-
B6-50X32X55	50	130	80	16	32/25	41	42	35	35	60	-	30	55	-
B6-60X32X60	60	145	82.5	16	32/25	41	46	42.5	42.5	62.5	-	30	60	-





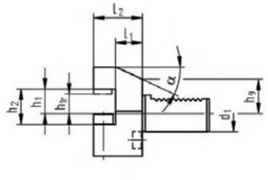


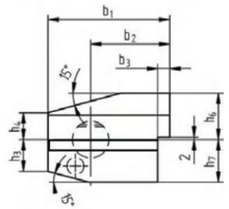
技术参数
Technical Parameter

B7 型径向右刀夹(加长型、刀具反装) TYPE B7 TOOL HOLDER
with square crossholding fixture overhead right,long

订单号Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h6	h7	h9	l1	l2	α
B7-16X12X24	16	58	39	5	12	17	15	15	22	20	19	13	24	30°
B7-16X12X34	16	58	39	5	12	17	15	15	22	20	19	23	34	30°
B7-20X16X30	20	75	50	7	16/12	22	19	19	30	25	23	16	30	30°
B7-20X16X40	20	75	50	7	16/12	22	19	19	30	25	23	26	40	30°
B7-25X16X30	25	75	50	7	16/12	22	22.5	22.5	30	25	25	16	30	30°
B7-25X16X40	25	75	50	7	16/12	22	22.5	22.5	30	25	25	26	40	30°
B7-30X20X40	30	100	65	10	20/16	29	26	22	38	35	28	22	40	25°
B7-30X20X60	30	100	65	10	20/16	29	26	22	38	35	28	42	60	25°
B7-40X25X44	40	118	75.5	12.5	25/20	34	35	30	48	42.8	-	22	44	-
B7-50X32X55	50	130	80	16	32/25	41	42	35	60	50	-	30	55	-
B7-60X32X60	60	145	82.5	16	32/25	41	46	42.5	62.5	62.5	-	30	60	-





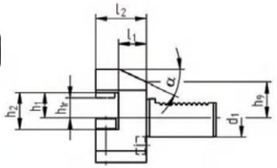


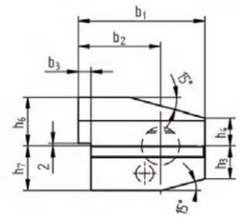
B8 型径向左刀夹(加长型、刀具反装) TYPE B8 TOOL HOLDER
with square crossholding fixture overhead left,long

HT-0177

订单号Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h6	h7	h9	l1	l2	α
B8-16X12X24	16	58	39	5	12	17	15	15	22	20	19	13	24	30°
B8-16X12X34	16	58	39	5	12	17	15	15	22	20	19	23	34	30°
B8-20X16X30	20	75	50	7	16/12	22	19	19	30	25	23	16	30	30°
B8-20X16X40	20	75	50	7	16/12	22	19	19	30	25	23	26	40	30°
B8-25X16X30	25	75	50	7	16/12	22	22.5	22.5	30	25	25	16	30	30°
B8-25X16X40	25	75	50	7	16/12	22	22.5	22.5	30	25	25	26	40	30°
B8-30X20X40	30	100	65	10	20/16	29	26	22	38	35	28	22	40	25°
B8-30X20X60	30	100	65	10	20/16	29	26	22	38	35	28	42	60	25°
B8-40X25X44	40	118	75.5	12.5	25/20	34	35	30	48	42.8	-	22	44	-
B8-50X32X55	50	130	80	16	32/25	41	42	35	60	50	-	30	55	-
B8-60X32X60	60	145	82.5	16	32/25	41	46	42.5	62.5	62.5	-	30	60	-







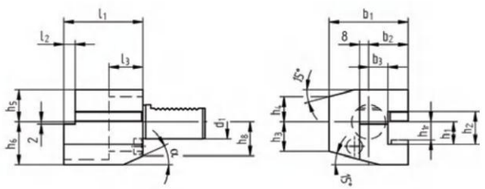
HT-0178

技术参数
Technical Parameter

C1 型轴向右刀夹 TYPE C1 TOOL HOLDER
with longitudinal square holding fixture,right

订单号Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h8	l1	l2	l3	α
C1-16X12	16	43	24	13	12	17	15	15	20	22	19	44	5	20	30°
C1-20X16/55	20	52	27	13	16/12	22	19	19	25	30	23	55	7	30	30°
C1-20X16/50	20	52	27	13	16/12	22	19	19	25	30	23	50	--	30	30°
C1-25X16	25	58	33	19	16/12	22	22.5	22.5	25	30	25	55	7	20	30°
C1-25X20	25	62	37	19	20/16	29	22.5	22.5	28	35	28	55	7	20	30°
C1-30X20	30	70	35	17	20/16	29	26	22	28	38	30	70	10	30	25°
C1-40X25	40	85	45.5	21	25/20	34	35	30	32.5	48	-	85	12.5	30	-
C1-50X32	50	100	50	26	32/25	41	42	35	35	60	-	100	16	40	-
C1-60X32	60	125	62.5	33	32/25	41	46	42.5	42.5	62.5	-	125	16	40	-



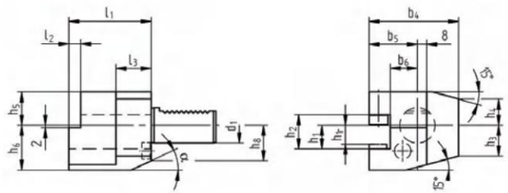


C2 型轴向左刀夹 TYPE C2 TOOL HOLDER
with longitudinal square holding fixture,left

HT-0179

订单号Order No.	d1	b4	b5	b6	h1	h2	h3	h4	h5	h6	h8	l1	l2	l3	α
C2-16X12	16	43	24	13	12	17	15	15	20	22	19	44	5	20	30°
C2-20X16/55	20	–	-	-	16/12	22	19	19	25	30	23	55	7	30	30°
C2-20X16/50	20	65	40	26	16/12	22	19	19	25	30	23	50	--	30	30°
C2-25X16	25	58	33	19	16/12	22	22.5	22.5	25	30	25	55	7	20	30°
C2-25X20	25	62	37	19	20/16	29	22.5	22.5	28	35	28	55	7	20	30°
C2-30X20	30	76	41	23	20/16	29	26	22	28	38	30	70	10	30	25°
C2-40X25	40	90	47.5	25.5	25/20	34	35	30	32.5	48	-	85	12.5	30	-
C2-50X32	50	105	55	30.5	32/25	41	42	35	35	60	-	100	16	40	-
C2-60X32	60	125	62.5	33	32/25	41	46	42.5	42.5	62.5	-	125	16	40	-





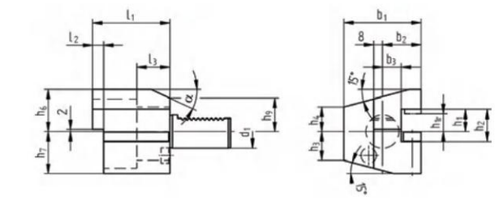
HT-0180

技术参数
Technical Parameter

C3型轴向右刀夹(刀具反装) TYPE C3 TOOL HOLDER
with longitudinal square holding fixture overhead,right

订单号Order No.	d1	b1	b2	b3	h1	h2	h3	h4	h6	h7	h9	l1	l2	l3	α
C3-16X12	16	43	24	13	12	17	15	15	20	22	19	44	5	20	30°
C3-20X16/55	20	52	27	13	16/12	22	19	19	25	30	23	55	7	30	30°
C3-20X16/50	20	52	27	13	16/12	22	19	19	25	30	23	50	--	30	30°
C3-25X16	25	58	33	19	16/12	22	22.5	22.5	25	30	25	55	7	20	30°
C3-25X20	25	62	37	19	20/16	29	22.5	22.5	28	35	28	55	7	20	30°
C3-30X20	30	70	35	17	20/16	29	26	22	28	38	30	70	10	30	25°
C3-40X25	40	85	45.5	21	25/20	34	35	30	32.5	48	-	85	12.5	30	-
C3-50X32	50	100	50	26	32/25	41	42	35	35	60	-	100	16	40	-
C3-60X32	60	125	62.5	33	32/25	41	46	42.5	42.5	62.5	-	125	16	40	-



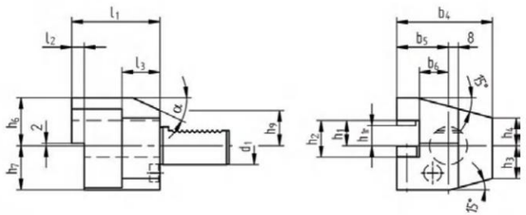


C4 型轴向左刀夹(刀具反装) TYPE C4 TOOL HOLDER
with longitudinal square holding fixture overhead,left

HT-0181

订单号Order No.	d1	b4	b5	b6	h1	h2	h3	h4	h6	h7	h9	l1	l2	l3	α
C4-16X12	16	43	24	13	12	17	15	15	20	22	19	44	5	20	30°
C4-20X16/55	20	–	-	-	16/12	22	19	19	25	30	23	55	7	30	30°
C4-20X16/50	20	65	40	26	16/12	22	19	19	25	30	23	50	-	30	30°
C4-25X16	25	58	33	19	16/12	22	22.5	22.5	25	30	25	55	7	20	30°
C4-25X20	25	62	37	19	20/16	29	22.5	22.5	28	35	28	55	7	20	30°
C4-30X20	30	76	41	23	20/16	29	26	22	28	38	30	70	10	30	25°
C4-40X25	40	90	47.5	25.5	25/20	34	35	30	32.5	48	-	85	12.5	30	-
C4-50X32	50	105	55	30.5	32/25	41	42	35	35	60	-	100	16	40	-
C4-60X32	60	125	62.5	33	32/25	41	46	42.5	42.5	62.5	-	125	16	40	-





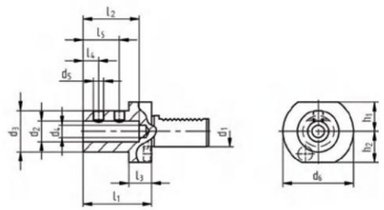
E1型圆柱孔刀夹（钻孔）TYPE E1 TOOL HOLDER HT-0182

FOR BORING BARS WITH CYLINDRICAL SHANK

技术参数
Technical Parameter

订单号Order No.	d1	d2	d3	d4	d5	d6	h1	h2	l1	l2	l3	l4	l5
E1-20X10	20	10	32	8	M8	50	--	23	67	54	18	15	35
E1-20X12	20	12	32	8	M10	50	--	23	67	54	18	15	35
E1-20X14	20	14	36	10	M10	50	--	23	67	54	22	15	35
E1-20X16	20	16	40	12	M10	50	--	23	67	54	18	15	35
E1-20X20	20	20	40	12	M10	50	--	23	67	54	18	15	35
E1-20X25	20	25	45	17	M12	50	--	23	71	59	18	17	40
E1-25X16	25	16	40	12	M10	58	25	25	67	54	18	15	35
E1-25X20	25	20	40	12	M10	58	25	25	67	54	18	15	35
E1-25X25	25	25	45	17	M12	58	25	25	71	59	18	17	40
E1-25X32	25	32	52	24	M12	58	25	25	75	63	18	17	44
E1-30X10	30	10	32	8	M8	68	28	30	67	54	22	15	35
E1-30X12	30	12	32	8	M10	68	28	30	67	54	22	15	35
E1-30X14	30	14	36	10	M10	68	28	30	67	54	22	15	35
E1-30X16	30	16	40	12	M10	68	28	30	67	54	22	15	35
E1-30X20	30	20	40	12	M10	68	28	30	67	54	22	15	35
E1-30X25	30	25	45	17	M12	68	28	30	71	59	22	17	40
E1-30X32	30	32	52	24	M12	68	28	30	75	63	22	17	44
E1-30X40	30	40	65	24	M16	68	28	30	90	73	22	22	50
E1-40X10	40	10	32	8	M8	83	32.5	--	67	54	22	15	35
E1-40X12	40	12	32	8	M10	83	32.5	--	67	54	22	15	35
E1-40X14	40	14	36	10	M10	83	32.5	--	67	54	22	15	35
E1-40X16	40	16	40	12	M10	83	32.5	--	67	54	22	15	35
E1-40X18	40	18	40	12	M10	83	32.5	--	67	54	22	15	35
E1-40X20	40	20	40	12	M10	83	32.5	--	67	54	22	15	35
E1-40X25	40	25	45	17	M12	83	32.5	--	75	59	22	17	40
E1-40X32	40	32	52	24	M12	83	32.5	--	75	63	22	17	44
E1-40X40	40	40	65	25	M16	83	32.5	--	90	73	22	22	50
E1-40X50	40	50	75	32	M16	83	32.5	--	100	83	22	24	60
E1-50X10	50	10	30	8	M10	98	35	--	67	54	30	15	35
E1-50X12	50	12	32	8	M10	98	35	--	67	56	30	15	35
E1-50X16	50	16	40	12	M10	98	35	--	67	56	30	15	35
E1-50X20	50	20	40	12	M10	98	35	--	67	54	30	15	35
E1-50X25	50	25	45	17	M12	98	35	--	80	59	30	17	40
E1-50X32	50	32	52	24	M12	98	35	--	80	63	30	17	44
E1-50X40	50	40	65	32	M16	98	35	--	90	73	30	22	50
E1-50X50	50	50	75	42	M16	98	35	--	100	83	30	24	60
E1-60X20	60	20	40	12	M10	123	42.5	--	80	54	30	15	35
E1-60X25	60	25	45	17	M12	123	42.5	--	80	59	30	17	40
E1-60X32	60	32	45	24	M12	123	42.5	--	80	63	30	17	44
E1-60X40	60	40	52	32	M16	123	42.5	--	90	73	30	22	50
E1-60X50	60	50	70	42	M16	123	42.5	--	100	83	30	24	60





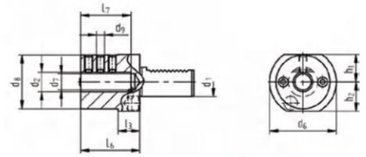
E2型圆柱孔刀夹（铣、镗孔）TYPE E2 TOOL HOLDER HT-0183

FOR BORING BARS WITH CYLINDRICAL SHANK

技术参数
Technical Parameter

订单号Order No.	d1	d2	d6	d7	d8	d9	h1	h2	l3	l6	l7
E2-25X6	25	6	58	5	40	M6	25	25	18	50	42
E2-25X8	25	8	58	6	40	M6	25	25	18	50	41
E2-25X10	25	10	58	8	40	M6	25	25	18	50	41
E2-25X12	25	12	58	10	40	M8	25	25	18	50	41
E2-25X14	25	14	58	10	50	M8	25	25	18	60	50
E2-25X16	25	16	58	12.5	40	M8	25	25	18	50	41
E2-25X20	25	20	58	12.5	58	M8	25	25	18	50	41
E2-25X25	25	25	58	12.5	58	M8	25	25	18	60	51
E2-30X6	30	6	68	5	55	M6	28	30	22	60	51
E2-30X8	30	8	68	6	55	M6	28	30	22	60	51
E2-30X10	30	10	68	8	55	M6	28	30	22	60	51
E2-30X12	30	12	68	10	55	M8	28	30	22	60	51
E2-30X14	30	14	68	12	55	M8	28	30	22	60	52
E2-30X16	30	16	68	12	55	M8	28	30	22	60	51
E2-30X18	30	18	68	10	55	M8	28	30	22	60	52
E2-30X20	30	20	68	16	55	M8	28	30	22	60	51
E2-30X25	30	25	68	16	55	M8	28	30	22	60	51
E2-30X32	30	32	68	16	68	M8	28	30	22	75	61
E2-40X6	40	6	83	5	55	M6	32.5	--	22	75	67
E2-40X8	40	8	83	6	55	M8	32.5	--	22	75	67
E2-40X10	40	10	83	8	55	M10	32.5	--	22	67	57
E2-40X12	40	12	83	10	55	M10	32.5	--	22	75	61
E2-40X14	40	14	83	10	55	M8	32.5	--	22	75	63
E2-40X16	40	16	83	12	55	M10	32.5	--	22	75	61
E2-40X18	40	18	83	10	55	M8	32.5	--	22	75	62
E2-40X20	40	20	83	16	55	M10	32.5	--	22	75	61
E2-40X25	40	25	83	20.5	55	M10	32.5	--	22	75	61
E2-40X32	40	32	83	20.5	83	M10	32.5	--	22	75	61
E2-40X40	40	40	83	20.5	83	M10	32.5	--	22	90	76
E2-40X50	40	50	83	20.5	83	M12	32.5	--	22	90	75
E2-50X8	50	8	98	6	55	M6	35	--	30	75	67
E2-50X10	50	10	98	8	55	M6	35	--	30	75	67
E2-50X12	50	12	98	10	68	M8	35	--	30	90	76
E2-50X16	50	16	98	12	68	M10	35	--	30	90	76
E2-50X20	50	20	98	16	68	M12	35	--	30	90	76
E2-50X25	50	25	98	20	68	M12	35	--	30	90	76
E2-50X32	50	32	98	25.5	68	M12	35	--	30	90	76
E2-50X40	50	40	98	25.5	98	M12	35	--	30	90	76
E2-50X50	50	50	98	25.5	98	M12	35	--	30	100	86
E2-60X12	60	12	123	10	68	M8	42.5	--	30	90	76
E2-60X16	60	16	123	12	68	M10	42.5	--	30	90	76
E2-60X18	60	18	123	12	55	M8	42.5	--	30	90	76
E2-60X20	60	20	123	16	68	M12	42.5	--	30	90	76
E2-60X25	60	25	123	20	68	M12	42.5	--	30	90	76
E2-60X32	60	32	123	25	68	M12	42.5	--	30	90	76
E2-60X40	60	40	123	35	98	M12	42.5	--	30	90	76
E2-60X50	60	50	123	40	98	M12	42.5	--	30	100	86





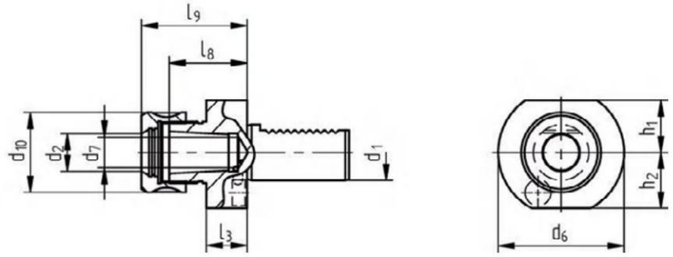
E3型DIN6388 EOC夹头刀夹
TYPE E3 COLLET HOLDER

HT-0184

技术参数
Technical Parameter

订单号Order No.	d1	d2		d6	d7	d10	h1	h2	l3	l8	l9
		A	B								
E3-16XC16	16	2-16	5-15	40	6.7	43	18	--	13	36	45.5
E3-20XC16	20	2-16	5-15	50	9	43	--	23	18	42	57
E3-20XC20	20	2-20	6-20	50	9	50	--	23	18	46	62
E3-25XC16	25	2-16	5-15	58	9	43	25	25	18	42	57
E3-30XC25	30	2-25	6-25	68	16.5	60	28	30	22	59	75
E3-40XC16	40	2-16	5-15	83	20.5	43	32.5	--	22	42	57
E3-40XC25	40	2-25	6-25	83	20.5	60	32.5	--	22	59	75
E3-40XC32	40	4-32	10-32	83	20.5	72	32.5	--	22	73	90
E3-50XC25	50	2-25	6-25	98	25.5	60	35	--	30	59	75
E3-50XC32	50	4-32	10-32	98	25.5	72	35	--	30	73	90
E3-60XC32	60	4-32	10-32	123	40.5	72	42.5	--	30	73	90
E3-60XC40	60	6-29.5	30-40	123	40.5	85	42.5	--	30	82	100





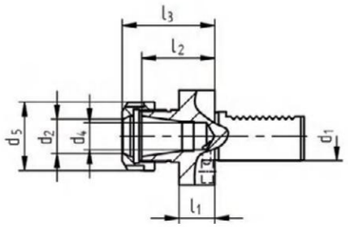
E4型DIN6499 ER夹头刀夹
TYPE E4 COLLET HOLDER

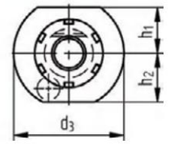
HT-0185

技术参数
Technical Parameter

订单号Order No.	d1	d2	d3	d4	d5	h1	h2	l1	l2	l3
E4-16XER16	16	0.5-10	40	6.7	28	18	18	13	30	40
E4-16XER20	16	0.5-13	40	6.7	34	18	18	13	33	44
E4-20XER16	20	0.5-10	50	9	28	--	23	18	30	40
E4-20XER25	20	0.5-16	50	9	42	--	23	18	38	50
E4-20XER32	20	1-20	50	9	50	--	23	18	49	62
E4-25XER25	25	0.5-16	58	9	42	25	25	18	45	57
E4-25XER32	25	1-20	58	9	50	25	25	18	49	62
E4-30XER25	30	0.5-16	68	16.5	42	28	30	22	45	57
E4-30XER32	30	1-20	68	16.5	50	28	30	22	49	62
E4-30XER40	30	2-30	68	16.5	63	28	30	22	56	70
E4-40XER25	40	0.5-16	83	20.5	42	32.5	--	22	45	57
E4-40XER32	40	1-20	83	20.5	50	32.5	--	22	49.5	62
E4-40XER40	40	2-30	83	20.5	63	32.5	--	22	61	75
E4-50XER40	50	2-30	92	25.5	63	35	--	30	61	75
E4-60XER40	60	2-30	123	28.5	63	42.5	--	30	61	75







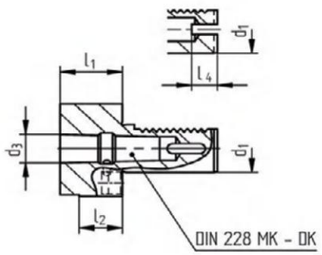
F型莫氏锥孔刀夹
TYPE F TOOL HOLDER

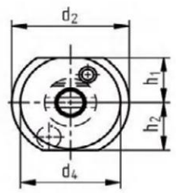
HT-0186

技术参数
Technical Parameter

订单号Order No.	d1	d2	d3	d4	h1	h2	l1	l2	l4	MK
20-MK1	20	50	12.065	--	--	23	23	--	7	1
20-MK2	20	50	17.780	--	--	23	55	--	--	2
25-MK1	25	58	12.065	--	25	25	23	--	--	1
25-MK2	25	58	17.780	--	25	25	27	--	--	2
30-MK1	30	68	12.065	--	28	30	27	--	--	1
30-MK2	30	68	17.780	--	28	30	27	--	14	2
30-MK3	30	68	23.825	--	28	30	45	--	--	3
40-MK1	40	83	12.065	55	32.5	--	36	22	--	1
40-MK2	40	83	17.780	55	32.5	--	36	22	--	2
40-MK3	40	83	23.825	58	32.5	--	36	22	14	3
40-MK4	40	83	31.267	68	32.5	--	80	22	--	4
50-MK2	50	98	17.780	55	32.5	--	36	30	--	2
50-MK3	50	98	23.825	58	35	--	36	30	--	3
50-MK4	50	98	31.267	68	35	--	50	30	18	4
50-MK5	50	98	44.399	75	35	--	168	30	--	5
60-MK2	60	123	17.780	58	42.5	--	36	30	--	2
60-MK3	60	123	23.825	58	42.5	--	36	30	--	3
60-MK4	60	123	31.267	68	42.5	--	50	30	--	4
60-MK5	60	123	44.399	98	42.5	--	63	30	32	5







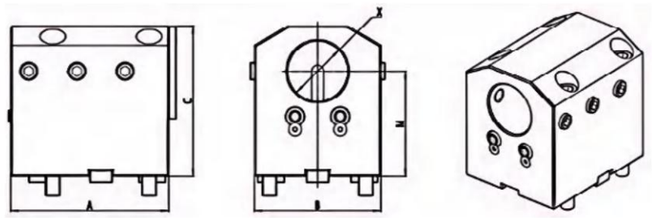
内孔刀座
BORING BAR TOOL HOLDER

HT-0187

技术参数
Technical Parameter

型号Model	X	M	A	B	C
BMT45-E32x65	32	65	95	75	88
BMT45-E32x85	32	85	95	75	108
BMT45-E40x65	40	65	95	75	95
BMT55-E25x70	25	70	105	84	98
BMT55-E32x60	32	60	105	84	90
BMT55-E32x70	32	70	105	84	100
BMT55-E40x60	40	60	105	84	90
BMT55-E40x70	40	70	105	84	100
BMT55-E40x85	40	85	105	84	117
BMT65-E40x72	40	72	127	95	102
BMT65-E50x72	50	72	127	95	107
BMT65-E50x100	50	100	127	95	140
BMT75-E50x90	50	90	137	112	130
BMT75-E50x100	50	100	137	112	140
BMT75-E50x110	50	110	137	112	150
BMT75-E60x110	60	110	137	112	154





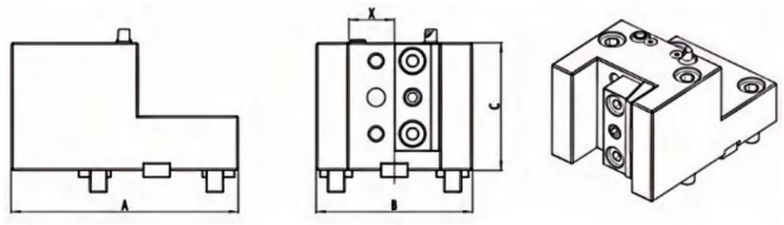
外径刀座
TURNING HOLDER

HT-0188

技术参数
Technical Parameter

型号Model	X	M	A	B	C
BMT45-C20x60	20	20	102	75	60
BMT45-C25x60	25	25	111	75	60
BMT55-C25x70	25	25	125	86	70
BMT55-C25x85	25	25	125	86	85
BMT65-C25x75	25	25	131	95	75
BMT65-C32x100	32	32	137.5	98	100
BMT75-C32x85	32	32	150.5	115	85
BMT75-C32x100	32	32	150.5	115	100
BMT85-C32x90	32	32	173	135	90
BMT85-C32x120	32	32	173	135	120





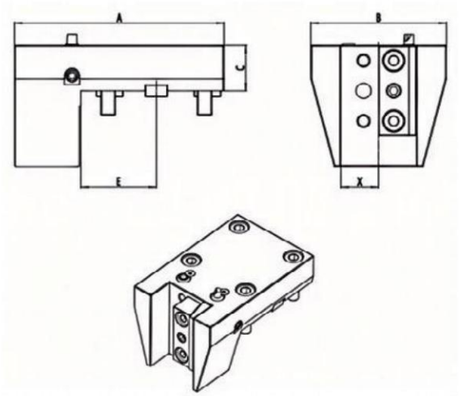
外径刀座(后缩式)
TURNING HOLDER

HT-0189

技术参数
Technical Parameter

型号Model	X	M	A	B	C	E
BMT45-CL20x30	20	20	102	75	30	45.1
BMT45-CL25x40	25	25	111	75	40	45.1
BMT55-CL20x30	20	20	125	86	30	50.1
BMT55-CL25x30	25	25	125	86	30	50.1
BMT65-CL25x40	25	25	131	95	40	55.5
BMT75-CL32x40	32	32	137.5	98	40	58
BMT75-CL32x50	32	32	150.5	115	50	58
BMT85-CL32x50	32	32	173	135	50	70





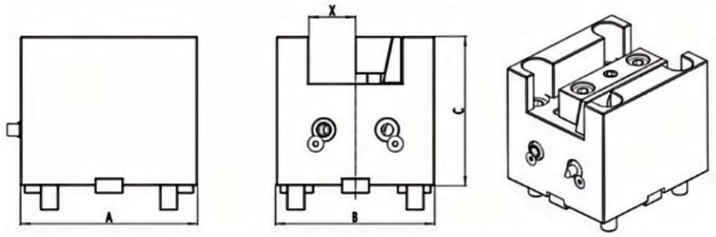
端面刀座
FACING TOOL HOLDER

HT-0190

技术参数
Technical Parameter

型号Model	X	M	A	B	C
BMT45-B20x60	20	20	85	75	60
BMT45-B20x80	20	20	85	75	80
BMT55-B25x80	25	25	95	85	80
BMT55-B25x90	25	25	95	85	90
BMT65-B25x82.5	25	25	105	95	82.5
BMT65-B25x95	25	25	105	95	95
BMT65-B25x120	25	25	105	95	120
BMT75-B32x122	32	32	120	115	122
BMT75-B32x135	32	32	120	115	135
BMT85-B32x107	32	32	125	125	107
BMT85-B40x110	40	40	168	135	110





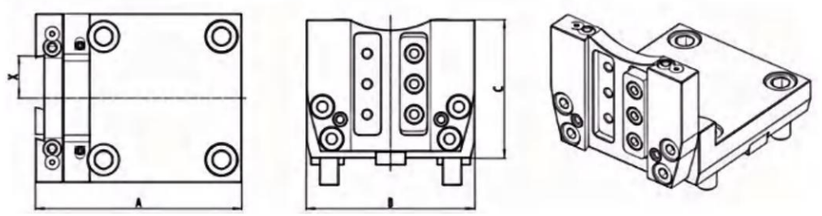
切断刀座
CUTTING TOOL HOLDER

HT-0191

技术参数
Technical Parameter

型号Model	X	M	A	B	C
BMT45-U26x81	21.5	5	115	100	81
BMT55-U26x75	21.5	5	120	100	75
BMT55-U32x82	25	5	124.5	100	82
BMT65-U32x82	25	5	122.5	100	82
BMT65-U32x119	25	5	126	100	119





高品质分度头产品系列

High quality dividing head product series

BS 半万能分度头

BS Semi-universal dividing head



P185

BS 万能分度头

BS Universal dividing head



P186

F11 万能分度头

F11 Universal dividing head



P187

F12 半万能分度头

F12 Semi-universal dividing head



P189



BS 半万能分度头
BS SERIES SEMI-UNIVERSAL DIVIDING HEAD

HT-0192

产品属性
Product Attributes

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

- Semi-universal dividing head is a simple index center and can be used for direct and indirect dividing;
- Complete the gear,face,flute processing and no need accessories;
- But the whole canstruction is the same as universal type the 24 quick-dividing holes can complete 2,3,4,6,8,12,24 division indexding,attaches 3 dividing plate along with the dividing head indirect dividing in any division indexding 2-50.51-3801.

技术参数
Technical Parameter

Model	A	B	H	h	a	b	g	Taper of center	Diameter of spindle hole	N.W. (kg)
BS-0	193	140	173	100	166	90	16	Mt2	18	22
	7.59	5.51	6.81	3.93	6.53	3.54	0.63	B&S NO.7	18	22
BS-1	242	180	220	128	206	113	16	Mt3	20	35.8
	9.52	6.61	8.66	5.04	8.11	4.45	0.63	B&S N0.9	20	35.8

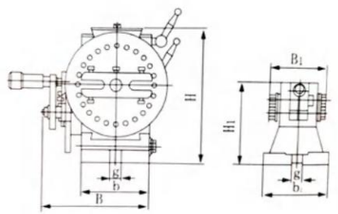
Unit:mm

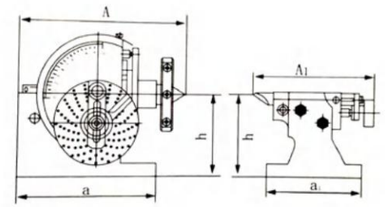
Numbers of hole						
PlateA	15	16	17	18	19	20
PlateB	21	23	27	29	31	33
PlateC	37	39	41	43	47	49

Unit:mm

Model	A1	B1	H1	h	a1	b1	g1	N.W. (kg)	Mueasurement m^3
BS-0	180	78	107	100	130	92	16	Packed with the dividing head	
	6.89	3.42	4.21	3.93	3.93	3.62	0.63		
BS-1	183	87	128	128	175	124	16		
	7.20	3.42	5.39	5.04	5.04	4.33	0.63		







BS-2万能分度头
BS-2 UNIVERSAL DIVIDING HEAD

HT-0193

产品属性
Product Attributes

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

- The universal dividing head (Index Center) has been designed to carry out all types of gear cutting;
- Precision dividing and spiral word with greater precision and efficiency than before;
- The center face can adjust from elevation 90 to depression10,It suits for high standard inspection and test;
- In order to satisfied customers,the worm gear redio is designed for 1:40.

技术参数
Technical Parameter

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

Model	A	B	H	h	a	b	g	Work hole taper	N.W. (kg)
BS-2	370	280	236	133	212	134	16	Mt4	73
	14.57	11.02	9.29	5.24	8.35	5.28	0.63	B&S NO,10	73

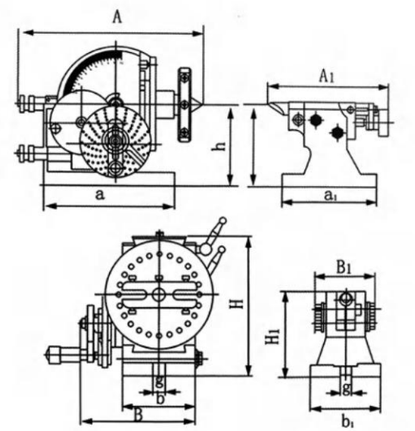
UNIVERSAL INDEX CENTER B&S NO.2,(TAIL-STOCK)

Model	A1	B1	H1	h1	a1	b1	g1	N.W. (kg)	Mueasurement m^3
BS-2	183	87	156	133	175	122	16	Packed with the dividing head	
	7.2	3.42	6.14	5.24	6.89	4.8	0.63		

Unit:mm

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





F11 万能分度头
F11 UNIVERSAL DIVIDING HEAD

HT-0194

产品属性
Product Attributes

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

- The universal dividing head,type FW80,F11100A,F11125A,F11160A, F11200A is one of the most important attachment for milling machine;
- With the help of this dividing head the workpiece held between centers,or on a chuck can be rotate to any angle as desired and the periphery of a workpiece can be divided into any divisions of equal parts.By means of all kind of cutters,the dividing head can also help milling machine to perform the milling operation for flute spur gear,spiral spur gear,Archimedean cam,helicalfute and etc;
- The dividing head is equipped with a face plate that can be mounted onto the spindle nose.The workpiece can be mounted on the face plate,thus cutting can be carried out on 4-sides of a worpiece.
- F11125C,F11160C is designed for the customers special need-ed,the shafting is improved to support heavy load.
- The universal dividing head,type F11160AL,F11125AL,F11160AL is the same of the structures and the opreation handle is setted on the left.

技术参数
Technical Parameter

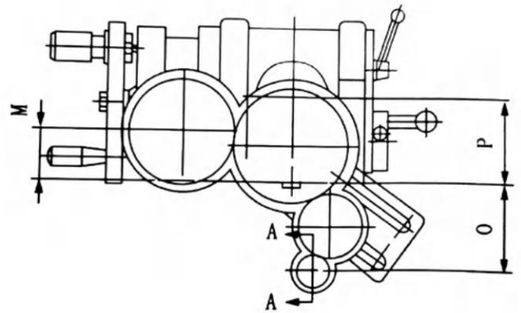
Items / Specifications		FW80	F11 100A	F11 125A	F11 160A	F11 200A
Center hight mm		80	100	125	160	200
Swivel angle of spindle from horizontal to upward		≤90°	≤95°	≤95°	≤95°	≤95°
Horizontal position(downward)		≤6°	≤5°	≤5°	≤5°	≤5°
Rotating angle of spindle for one domplete revolution dividing handle		9°(540grad;1each)				
Min.reading of vernier		10°	10°	10°	10°	10°
Worm gear ratio		1:40	1:40	1:40	1:40	1:40
Taper of spinde bore		MT3	MT3	MT4	MT4	MT4
Width of locating key mm		14	14	18	18	18
Diameterof short taper of spindlenose for mounting flange mm		ϕ36.54	ϕ41.275	ϕ53.975	ϕ53.975	ϕ53.975
Numbers of hole in dividing plate	1st plate	24.25.28.30.34.37.38.39.41.42.43				
Numbers of hole in dividing plate	2nd plate	46.47.49.51.53.54.57.58.59.62.66				
Change gear	Module	1.5	1.5	2	2	2
Change gear	Teeth Numbers	25.30.35.40.50.55.30.70.80.90.100				
Individual indexing error of the spindle for one complete revalution of diving handle		±45"	±45"	±45"	±45"	±45"
Cumulate error at any 1/4 periphery of spindle		±1"	±1"	±1"	±1"	±1"
Max.bearing kg		80	100	130	130	130
Net weight kg		36	67	101.5	113	130
Gross weight kg		45	79	111.5	125	140
Overall dimensions mm		542×403×220	616×465×265	635×530×530	710×535×342	710×535×342

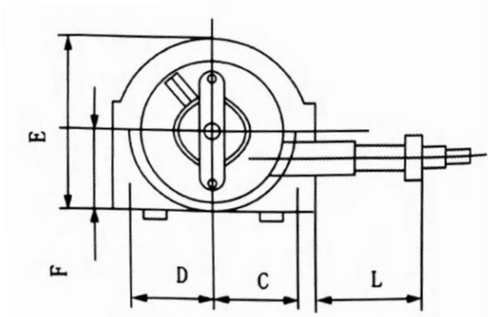
F11 万能分度头
F11 UNIVERSAL DIVIDING HEAD
HT-0194

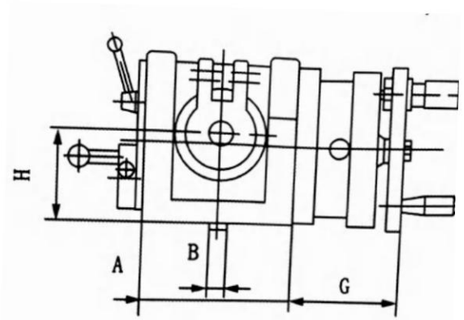
安装尺寸参数
Installation sketc and dimensions

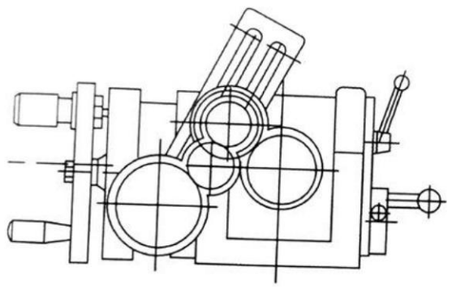
Model	A	B	C	D	E	F	G	H	L	M	N	O	P
FW80	139	14	77	73	147	77	98	80	106	43	30	60	80
F11100A	162	14	102	87	186	95	116	100	93	54.7	30	100	100
F11125A	209	18	116	98	224	117	120	125	103	68.5	34.5	100	125
F11160A	209	18	116	98	259	152	120	160	103	68.5	34.5	100	160
F11200A	209	18	116	98	299	192	120	200	200	68.5	34.5	100	200

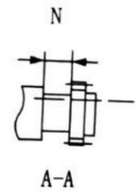












F12 半万能分度头
F12 SEMI-UNIVERSAL DIVIDING HEAD

HT-0195

产品属性
Product Attributes

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

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

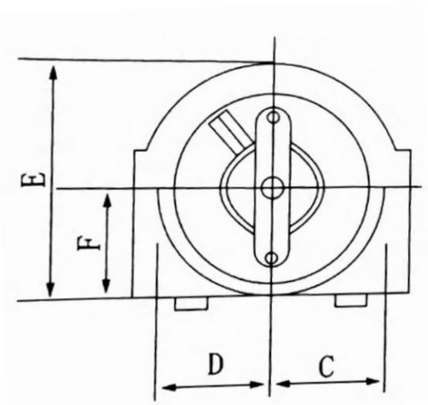
技术参数
Technical Parameter

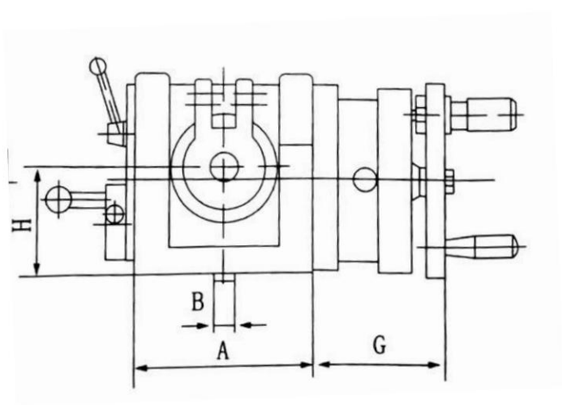
Items \ Specifications		F12100	F12125	F12160	F12200	F12260	F12300	F12400	F12500
Center hight mm		100	125	160	200	260	300	400	500
Swivel angel of spidle from horizontal to upward		≤95°	≤95°	≤95°	≤95°	≤95°	≤95°	≤95°	≤95°
Horizontal position(downward)		≤5°	≤5°	≤5°	≤5°	≤5°	≤5°	≤5°	≤5°
Rotating angle of spindle for one domplete revolution dividing handle		9°(540grad;1each)							
Min.reading of vernier		10°	10°	10°	10°	10°	10°	10°	10°
Worm gear radio		1:40	1:40	1:40	1:40	1:40	1:40	1:40	1:40
Taper of spindle bore		MT3	MT4	MT4	MT4	MT6	MT6	MT6	MT5
Width of focating key mm		14	18	18	18	18/20	18/20	18/20	18/20
Diameter of short taper of spindlerose for mounting flange mm		41.275	53.975	53.975	53.975	52.563	52.563	52.563	106.375
Numbers of hole in dividing plate	1st plate	24.25.28.30.34.37.38.41.42.43							
	2nd plate	46.47.49.51.53.54.57.58.59.62.66							
individual indexing error of the spinde for one complete revolution of dividing handle		±45"	±45"	±45"	±45"	±45"	80"	80"	80"
Cumulate error at any 1/4 periphery of spindle		±1"	±1"	±1"	±1"	±70"	±70"	±70"	±70"
Max.bearing kg		100	130	130	130	100	130	130	130
Net weight Kg		57	83.5	100	130	/	/	/	/
Gross weight Kg		69	96	114	140	/	/	/	/
Overall dimensions mm		616*495*255	96*460*310	114*535*342	140*535*342	/	/	/	/

安装尺寸参数
Installation sketc and dimensions

Model	A	B	C	D	E	F	G	H	L	M	N	O	P
F12100A	162	14	102	87	186	95	116	100	93	54.7	30	100	100
F12125A	209	18	116	98	224	117	120	125	103	68.5	34.5	100	125
F12160A	209	18	116	98	259	152	120	160	103	68.5	34.5	100	160
F12200A	209	18	116	98	299	192	120	200	103	68.5	34.5	100	200
F12500	490	22	300	330	790	500	160	500	/	/	/	/	/







工作台产品系列
Rotary Table Product Series

工作台产品系列
Rotary table product series

TSK手动可倾回转工作台
TSK manual tilting rotary table

P193

TSL 立卧回转工作台
TSL vertical and horizontal rotary table

P194

TSK可倾回转工作台
TSK tilting rotary table

P195

卧式回转工作台
Horizontal rotary table

P196





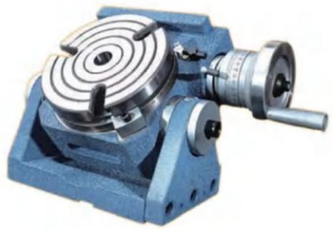


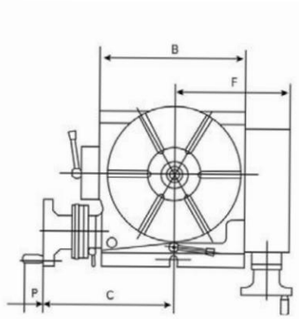
TSK手动可倾回转工作台
TSK MANUAL TILTING ROTARY TABLE

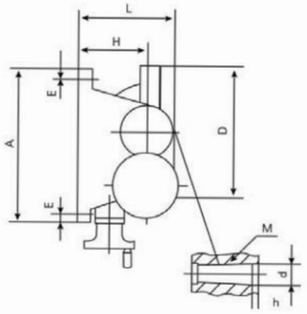
HT-0196

技术参数
Technical Parameter

项目Iterns 规格Specifications	TSK3"	TSK4"	TSK5"	TSK6"	TSK8"
工作台直径Diameter of table mm	ϕ75	ϕ110	ϕ127	ϕ150	ϕ200
台面中心孔锥度(莫氏)Morse taper of the center hole	/	2#	2#	2#	3#
台面T型宽度Width of T-slot mm	8	12	12	14	14
涡轮副模数Modules of worm and worm gear	1	1	1	1	1.5
定位键宽度Width of the kxting key mm	16	16	16	16	16
台面T型槽相邻角度Adjacent angle of T-slot	90°	120°	120°	90°	90°
蜗轮副传动比Transmission ratio of the worm gear	1:36	1:72	1:72	1:90	1:90
工作台圆周刻度Graduation of the table	360°	360°	360°	360°	360°
工作台可倾角度Tilting angle	0-90°	0-90°	0-90°	0-90°	0-90°
轮台手轮刻度值Readout of the handwheel	1"	2"	2"	2"	1"
游标最小示值Minimum value of vernier	20"	20"	20"	20"	10"
可倾游标最小示值Minimum reading of the tiling vemier	2°	2°	2°	2°	2°
分度精度Indexing accuracy	80"	60"	60"	60"	60"
净重Net weight Kg	7	15	16	19	38
毛重Gross weight Kg	7.5	17	18	21	41
箱体尺寸Overall dimensions mm	260x160x140	300x200x180	320x200x190	340x250x185	400x300x240







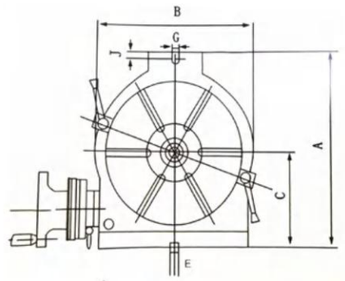
TSL 立卧回转工作台
TSL VERTICAL AND HORIZONTAL ROTARY TABLE

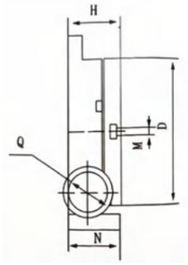
HT-0197

技术参数
Technical Parameter

项目Iterns规格Specifications (公制/英制Metriclnch)	TSL75 HV3"	TSL100 HV4"	TSL125 HV5"	TSL150 (HV6)	TSL200 (HV8)	TSL250 (HV10)	TSL300 (HV12)	TSL350 (HV14)	TSL400 (HV16)	TSL630 (HV20)
工作台直径 Diameter of table mm	ϕ76.2	ϕ110	ϕ127	ϕ150	ϕ200	ϕ250	ϕ300	ϕ350	ϕ400	ϕ630
台面中心孔锥度(莫氏) Morse taper of the center hole	MT2	MT2	MT2	MT2	MT3	MT3	MT4	MT4	MT4	200
工作台垂直时中心高 Height of center for verti mounting mm	59	85.5	90	100	135	165	195	230	260	400
台面T型槽宽度 Width of T-slot mmx	8	12	12	14	14	14	16	16	16	
台面T型槽相邻角度 Adjacent angle of T-slot	90"	120"	120"	90"	90"	60"	60"	60"	60"	18"
定位键宽度 Width of the locting key mm	12	12	12	16	16	16	16	16	18	22
蜗轮副模数 Modules of worm and worm gear	1	1	1	1	1.5	1.5	2	2	2.5	4
蜗轮副传动比 Transmission ratio of the worm gear	1:36	1:72	1:72	1:90	1:90	1:90	1:90	1:90	1:90	1:20
工作台圆周刻度 Graduation of the table	360°	360°	360°	360°	360°	360°	360°	360°	360°	360°
蜗杆每转所代表的转台度数 Rotating angle of table with one revolution of the wrom	10	5	5	4" (1'Per graduation)						3
游标最小示值 Minimum value of vernie	/	/	/	10"	10"	10"	10"	10"	10"	10"
分度精度 Indexing accuracy	/	/	/	60"	60"	60"	60"	60"	60"	60"
最大承载(卧式) Max,bearing(With table Hor.)kg	15	40	50	100	150	200	250	300	350	450
最大承载(立式) Max.bearing(With table vert.)kg	10	20	25	50	75	100	125	150	175	200







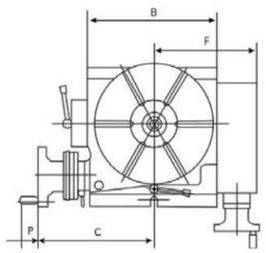
TSK可倾回转工作台
TSK TILTING ROTARY TABLE

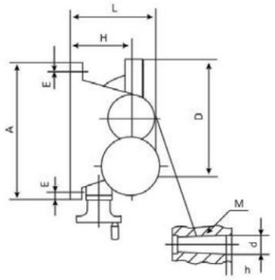
HT-0198

技术参数
Technical Parameter

项目Iterms / 规格Specifications	TSK250	TSK320	TSK400	TSK630	TSK1250
工作台尺寸Diameter of table mm	ϕ250	ϕ320	ϕ400	ϕ630	ϕ1250
台面中心孔锥度(莫氏)Morse taper of the center hole	3#	4#	4#	通孔ϕ120	70
台面T型宽度Width of the T--slot mm	14	14	16	18	22
涡轮副模数Madules of Worm and worm gear	1.5	2	2.5		5.5
定位键宽度Width of locating key mm	18	18	18	22	22
台面T型槽相邻角度Adjacent angle of table T-slot	60°	60°	60°	45°	45°
蜗轮副传动比Transmission ratio of the worm gear	1:120	1:120	1:120	1:120	1:180
工作台圆周刻度Graduation of the table	360°	360°	360°	360°	360°
工作台可倾角度Tilting angle	0°~90°	0°~90°	0°~90°	0°~90°	0°~90°
轮台手轮刻度值Readout of the handwheel	1"	1"	1"	1"	1"
游标最小示值Minimum value of wernier	10"	10"	10"	10"	10"
可倾游标最小示值Minimum reading of the tilting vernier	2"	2"	2"	2"	2"
分度精度Indexing accuracy	60"	60"	60"	60"	60"
最大承载(卧式)Max.bearing(with table Hor.)kg	200	250	300	1000	2000
最大承载(立式)Max.bearing(with table Vert.)kg	100	125	150	500	5000
净重Net weight Kg	80	135	280	700	2800
毛重Gross weight Kg	93	150	305	780	3000
箱体尺寸Case dimensions mm	550x430x330	630x490x950	830x600x460	1280x820x670	







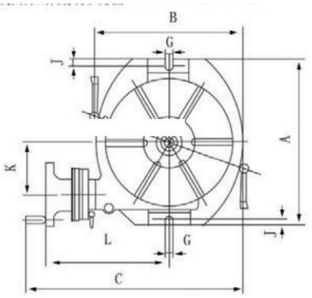
卧式回转工作台
HORIZONTAL ROTARY TABLE

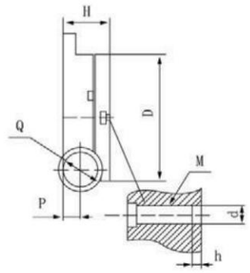
HT-0199

技术参数
Technical Parameter

Iterms/specifications	TS150A	TS200A	TS250A	TS320A	TS400A	TS500A	TS630A	TS800A	TS1000A	TS1250A	TS1600A
工作面直径 Table diameter (mm)	ϕ150	ϕ200	ϕ250	ϕ320	ϕ400	ϕ500	ϕ630	ϕ800	ϕ1000	ϕ1250	ϕ1600
台面中心孔准度(莫式) Ms taper of the center hole	2#	3#	3#	4#	4#	5#	5#	6#	6#	6#	6#
台面T型槽宽度 Width of theT-slot (mm)	14	14	14	14	16	18	18	22	22	22	22
台面T型槽相邻角度 Adjacent angle of table T-slot	90°	90°	60°	60°	60°	45°	45°	45°	45°	45°	45°
定位键宽度 Width of the locating key mm	16	16	14	14	18	-	-	-	-	22	22
工作台圆周刻度 Graduation of the table	360°	360°	360°	360°	360°	360°	360°	360°	360°	360°	360°
游标最小示值 Minimun value of vermier	10"	10"	10"	10"	10"	10"	10"	10"	10"	10"	10"
分度精度 Indexing accuracy	80"	60"	60"	60"	60"	60"	60"	60"	60"	60"	60"
工作台最大承载 Max.work load kg	50	100	150	200	250	300	700	1200	2000	3000	8000
净重 Net weight kg	16.5	22.5	33.5	65	125	215	345	800	1300	1580	2500
毛重 Gross weight kg	21.5	31	44.5	76	145	238	377	855	1400	1700	2700
箱体尺寸 Overall dimensions mm	294x243 x130	400x360 x208	500x400 x210	580x480 x238	750x616 x280	850x730 x302	995x900 x326	1175x1090 x391	1430x1224 x550	1450x1450 x450	1780x1780 x550









车刀转换套
Conversion tool set

车刀转换套
The conversion tool set

P199

弹性车刀转换套
The conversion tool set

P199

出水车刀转换套
The conversion tool set

P200

车刀转换套
The conversion tool set

P200

莫氏车刀转换套
Morse bit conversion set

P201







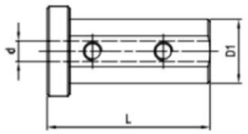
车刀转换套
THE CONVERSION TOOL SET

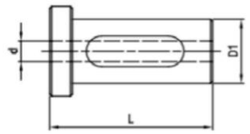
HT-0200

技术参数
Technical Parameter

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







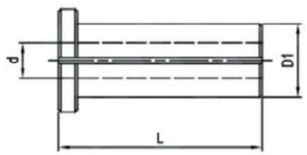
弹性车刀转换套
THE CONVERSION TOOL SET

HT-0201

技术参数
Technical Parameter

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





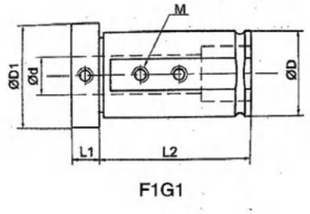
出水车刀转换套
THE CONVERSION TOOL SET

HT-0202

技术参数
Technical Parameter

Code No.	External Dia D	Front End L1	Clamping Length L2	Internal Dia d
D20	20	12	50	4/5/6/7/8/9/10/12/16
D25	25	14	50	5/6/8/10/12/14/16/18/20
D32	32	14	75	6/8/10/12/14/16/18/20/25
D40	40	15	85	6/8/10/12/14/16/18/20/25/32
D50	50	15	100	8/10/12/14/16/18/20/25/32/4





F1G1

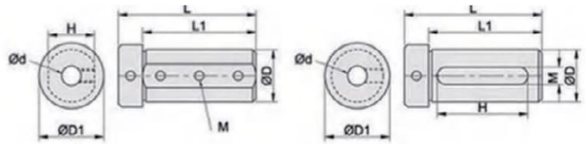
车刀转换套
THE CONVERSION TOOL SET

HT-0203

技术参数
Technical Parameter

Code No.	External Dia D	Clamping Length L1	Total Length L	Internal Dia d
D20	20	55	67	4/5/6/7/8/9/10/12/16
D25	25	65	77	5/6/8/10/12/14/16/18/20
D32	32	70	85	6/8/10/12/14/16/18/20/25
D40	40	85	100	6/8/10/12/14/16/18/20/25/32
D50	50	85	100	8/10/12/16/20/25/32/40





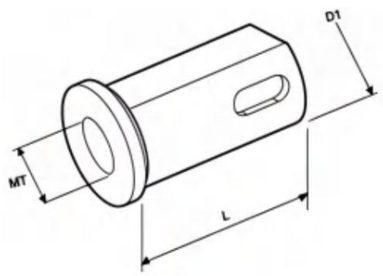
莫氏车刀转换套
MORSE BIT CONVERSION SET

HT-0204

技术参数
Technical Parameter

Code No.	External Dia D1	Clamping Length L	Total Length
D20-MT1	20	10	67
D20-MT2	20	15	72
D25-MT1	25	15	75
D25-MT2	25	15	75
D25-MT3	25	15	85
D32-MT1	32	10	75
D32-MT2	32	10	90
D32-MT3	32	10	90
D40-MT1	40	10	75
D40-MT2	40	10	85
D40-MT3	40	10	100
D40-MT4	40	10	120
D50-MT2	50	15	110
D50-MT3	50	15	120
D50-MT4	50	15	150







数控工具系列
CNC Tool series

机床夹具带金属支架
Clamping kit with Metal holder

P204

拉钉
Retention knob

P205

刀柄锁刀座
Tool holder device

P207

巡边器
Edge finder

P208

Z轴设定器
Z-AXIS zero setter

P209

ER 扳手
ER spanner

P210

楔铁
Shank puller

P211

SK 扳手
SK spanner

P211

机床夹具带金属支架
CLAMPING KIT WITH METAL HOLDER

HT-0205

产品属性
Product Attributes

- 每套包含
  *6个T型槽螺母
  *6个法兰螺母
  *4个连接螺母
  *6个阶梯夹
  *12个阶梯块
  *24根双端螺母，长度为3、4、5、6、7、8各四根

- Each set contains:
  *6-T-Slot nuts
  *6-Flange nuts
  *4-Coupling nuts
  * 6-Step clamps
  *12-Step blocks
  *24 studs,4 each for 3",4",5",6",7",8"

技术参数
Technical Parameter

机床夹具带金属支架
Clamping kit with Metal holder

订单号Order No.	Table T-Slot size(US)	Stud Size(US)	订单号Order No.	Table T-Slot size(US)	Stud Size(US)
0101	3/8	5/16-18	0201	9.7	M8 x 1.25
0102	7/16	3/8-16	0202	11.7	M10 x 1.5
0103	1/2	3/8-16	0203	13.7	M10 x 1.5
0104	9/16	3/8-16	0204	13.7	M12 x 1.75
0105	9/16	1/2-13	0205	15.7	M12 x 1.75
0106	5/8	1/2-13	0206	15.7	M14 x 2
0107	11/16	1/2-13	0207	17.7	M14 x 2
0108	11/16	5/8-11	0208	17.7	M16 x 2
0109	3/4	5/8-11	0209	19.7	M16 x 2
0110	13/16	5/8-11	-	-	-





拉钉
RETENTION KNOB

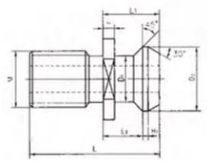
HT-0206

技术参数
Technical Parameter

ANSI/ASME B5 .50-1985 拉钉 RETENTION KNOB

订单号Order 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

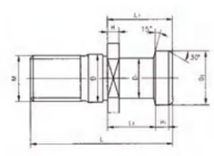




ISO/DIS7388/2-1984A 拉钉 RETENTION KNOB

订单号Order 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

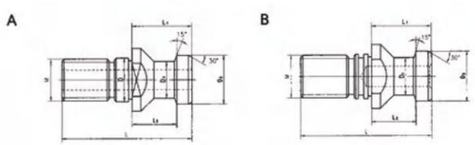




DIN69872-1988 拉钉 RETENTION KNOB

订单号Order 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





拉钉
RETENTION KNOB

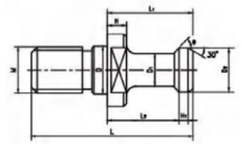
HT-0207

技术参数
Technical Parameter

MAS403 - 1982 拉钉 RETENTION KNOB

订单号Order 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°

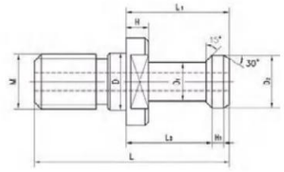




JIS B6339 - 1986 拉钉 RETENTION KNOB

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

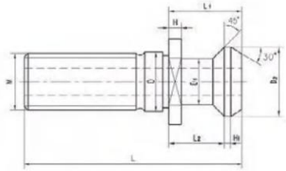




ISO/DIS7388/2 - 1984B 拉钉 RETENTION KNOB

订单号Order 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





刀柄锁刀座
TOOL HOLDER DEVICE

HT-0208

技术参数
Technical Parameter

刀柄锁刀座
VERTICAL HORIZONTAL TOOL HOLDER DEVICE

订单号Order 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-CT30	CAT30	205×98.5×128	3.70
LD-CT40	CAT40	205×98.5×128	3.80
LD-CT50	CAT50	275×150×198	11.40



HSK锁刀座
HSK TOOL HOLDER DEVICE

订单号Order No .	机床主轴 Spindle
HD -HSK32	HSK32
HD -HSK40	HSK40
HD -HSK50	HSK50
HD -HSK63	HSK63



巡边器
EDGE FINDER

HT-0209

产品属性
Product Attributes

- 不需要回转
- 可迅速的定位工作位置
- 对于铣床、加工中心等机械设备，可有效地节省找正位置所需时间
- 可用于端面、内外径的高效检测
- No turning required
- Position can be quickly located
- For milling machines,machining centers and other mechanical equipment,it can effectively save the time required to find the correct position
- The utility model can be used for efficient detection of end faces,inner and outer diameters

电子巡边器
ELECTRONIC EDGE FINDER

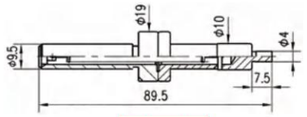
订单号Order No .	柄径D	长度L	球测头直径d	精度Repeatability	形式type
XBQ-A	Φ20	96.5	Φ10	0.005	光电式
XBQ-B	Φ20	100	Φ10	0.005	光电蜂鸣式
XBQ-C	Φ20	160	Φ10	0.005	光电式
XBQ-D	Φ20	160	Φ10	0.005	光电蜂鸣式
XBQ-E	3/4″	100	0.4″	0.0002″	光电式
XBQ-F	3/4″	100	0.4″	0.0002″	光电蜂鸣式



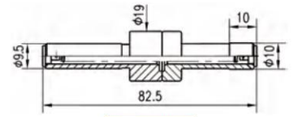
偏心式巡边器
MECHANICAL EDGE FINDER

- 用于圆弧面,平面的找正定位
- 选用优质钢制造
- 使用方便
- 找正准确，迅速
- 同轴度0 .005mm
- Mechanical edge finder for quick and easy location of round or flat work
- Manufactured from high quality alloy steel
- Easy to use
- Quick and accurate
- Concentricity 0.005mm

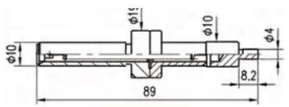




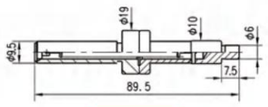
CBQ-00A



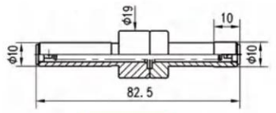
CBQ-00B



CBQ-00C



CBQ-00D



CBQ-00E

Z轴设定器
Z-AXIS ZERO SETTER

HT-0210

产品属性
Product Attributes

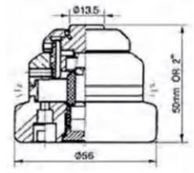
- 高度: 50 mm
- 磁性底座
- 接触时红灯亮起
- 精度: 0.015mm
- 可吸附做水平和垂直使用
- 重量: 0.5 kg

- Height:50mm
- With magnetic base
- The red clamp will be lighted up when touched
- Accuracy:0.015mm
- Combined vertical and horizontal in a unit
- Weight:0.5kg

光电式Z轴设定器
Electronic Z-axis zero-setters

	Order No.	Height	Code No
Standard Type	HP-502	50mm	3403-001





量表式Z轴设定器
Z-Axis scale zero setters with magnetic

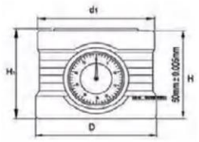
- 在计算机铣床/车床上设定刀长用;
- 测量高度: 50.00±0.01mm;
- 量侧面大, 操作容易;
- 弹簧力较小, 可避免小铣刀或钻头断裂;
- 用研磨过的平行板即可简单设定;
- 平行度及各方面使用灵敏、精度更好。

- Used in the computer milling machine/lathe for the tool lengh;
- Height:50.00+0.01mm;
- Large measuring surface,easy to use;
- Small spring force can prevent small milling cutters or drill bits from breaking;
- Easy to be calibrated by a grade parallel or gauge block;
- Better parallelism,sensitivity,and precislon for use.

Model	Pattern	Gross Attitude
ZDI-50A	Volume-adjusting	50







Z轴设定器
Z-Axis zero-setters

- 安装高度: 50.00±0.005mm;
- 测量面大, 操作方便;
- 并行性、灵敏度和使用精度高;
- 用于在加工中心、车床中心上设置刀具;
- 弹簧力小, 避免小型立铣刀和钻头的制动。

- Setting high:50.00±0.005mm;
- Large measuring surface and easy to operate;
- High parallelism,sensitivity,and precision for use;
- For setting tool on machining center,lathe centers;
- Low spring force to avoid brakage of small end mill and drill.



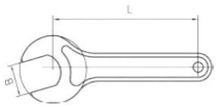
ER 扳手
ER SPANNER

HT-0211

技术参数
Technical Parameter

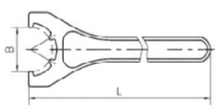
订单号Order No.	B	L	适用压帽Clamping Nut
S/ER11	17	110	ER11-A ER11-T1
S/ER16	25	120	ER16-A ER16-T1
S/ER20	30	130	ER20-A ER20-T1





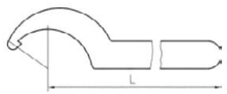
订单号Order No.	B	L	适用压帽Clamping Nut
S/ER25-S	37	210	ER25-B ER25-T2
S/ER32-S	45	250	ER32-B ER32-T2
S/ER40-S	58	290	ER40-B ER40-T2
S/ER50-S	72	350	ER50-B ER50-T2





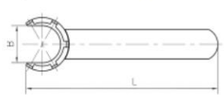
订单号Order No.	L	规格Size	适用压帽Clamping Nut
S/ER25	168	38-42	ER25-B ER25-T2
S/ER32	190	45-52	ER32-B ER32-T2
S/ER40	210	55-63	ER40-B ER40-T2
S/ER50	240	78-85	ER50-B ER50-T2





订单号Order No.	B	L	适用压帽Clamping Nut
S/ER8M	7.5	70	ER8-M
S/ER11M	11	90	ER11-M
S/ER16M	15	110	ER16-M
S/ER20M	19.5	120	ER20-M
S/ER25M	25	130	ER25-M





楔铁
SHANK PULLER

HT-0212

技术参数
Technical Parameter

DIN317 拆卸楔铁
MORSE SHANK PULLER

订单号Order No.	MS .NO	L(mm)	H(mm)
DIN317/0	MS0	90	12
DIN317/1-2	MS1 MS2	140	20
DIN317/3	MS3	190	25
DIN317/4	MS4	225	30
DIN317/5-6	MS5 MS6	265	35





DIN318 半自动楔铁
HALF AUTOMATIC MORSE SHANK PULLER

订单号Order No.	MS .NO	总长 Overall Length
DIN318/1-3	MS1 MS2 MS3	317
DIN318/4-6	MS4 MS5 MS6	380



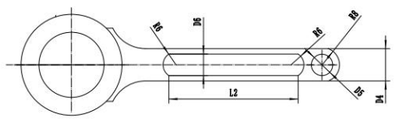
SK扳手
SK SPANNER

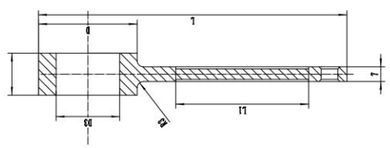
HT-0213

技术参数
Technical Parameter

订单号Order No.	L	L1	L2	L3	D6	D4	D3	D
SK06	150	66	60	20	10	15	19.5	40
SK10	150	66	60	24	10	15	27.5	47
SK10	150	66	60	24	10	15	30	50
SK16	170	82	76	24	10	15	35	55
SK16	180	86	80	24	10	16	40	60
SK20	210	96	90	24	13	18	48	70
SK25	260	106	100	24	15	20	55	78









攻丝夹头系列
Tapping chuck series

J41 型攻丝夹头
J41 tapping chuck



P214

J43 型攻丝夹头
J43 tapping chuck



P215

J45 型攻丝夹头
J45 tapping chuck



P216

J45 型攻丝夹套
J45 tapping collet



P217

J46 型可逆攻丝夹头
Reversible tapping chuck



P218

J52 型攻丝夹头
J52 tapping chuck



P219

J390 型快换夹头
J390 quick change chuck



P220

391 型快换夹头
391 quick change chuck



P220



J41 型攻丝夹头
J41 TAPPING CHUCK

HT-0214

产品属性
Product Attributes

- 该装置由丝锥卡盘和丝锥夹头组成，卡盘具有螺纹螺距补偿装置，夹头具有过载扭矩保护装置，可避免丝锥断裂。该装置最适用于在钻床、车床、镗床、铣床和数控机床中心等设备上加工丝锥。
- This device is consisted of a tap chuck and tap collets.The chuck has compensating device for thread pitch.Collet chuck has overload torque protection device,which avoid tap breaking.In order to get the different release torques for different diameter taps,just adjust nuts.This device is most applicable to tap working on drill,lathe,boring machine,-milling machine and CNC machine center and so on.

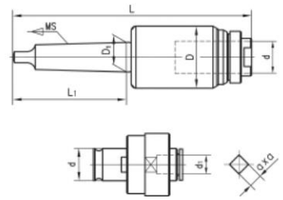
技术参数
Technical Parameter

订单号 Order No.	柄部锥度 Shank tape	D mm	D1 mm	d mm	L1 mm	L mm	夹持范围 Capacity	最大扭矩 Torque Nm	重量 Wt(kg)
J4112-MS2	MS2	46	17.780	19	75	171.5	M3-M12	25	1.08
J4112-MS3	MS3	46	23.825	19	94	191	M3-M12	25	1.28
J4112-MS4	MS4	46	31.267	19	117.5	216	M3-M12	25	3.00
J4116-R8	R8	46	31.75	19	101.6	193.6	M3-M16	46.3	1.71
J4116-MS2	MS2	46	17.780	19	75	171.5	M3-M16	46.3	1.08
J4116-MS3	MS3	46	23.825	19	94	191	M3-M16	46.3	1.61
J4116-MS4	MS4	46	31.267	19	117.5	216	M3-M16	46.3	3.00
J4124-MS3	MS3	66	23.825	30	94	227	M12-M24	150	3.20
J4124-MS4	MS4	66	31.267	30	117.5	252	M12-M24	150	3.60
J4124-MS5	MS5	66	44.399	30	149.5	284	M12-M24	150	4.50

12型攻丝范围Tapping range	M3	M4	M5	M6	M8	M10	M12
67型d1×a(mm)	4×3	4×3	5×3.8	6×5	6×5	8×6.3	9×7.1
83型d1×a(mm)	2.24×1 .8	3 .15×2.5	4×3.15	4.5×3.55	6.3×5	8×6.3	9×7.1

24型攻丝范围Tapping range	M12	M14	M16	M18	M20	M22	M24
67型d1×a(mm)	9×7.1	10.5×8	12.5×10	14×11	16×12	18×14.5	20×16
83型d1×a(mm)	9×7.1	11.2×9	12.5×10	14×11.2	14×11.2	16×12.5	18×14





J43 型攻丝夹头

HT-0215

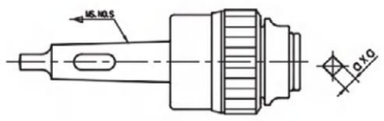
J43 SAFETY QUICK-CHANGE DRILLING AND TAPPING MULTIPLE CHUCK

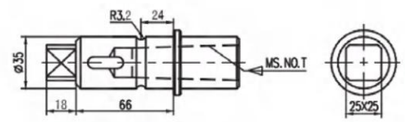
技术参数
Technical Parameter

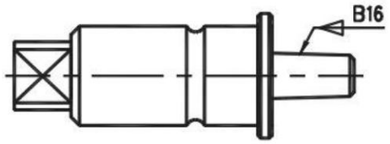
订单号 Order No.	莫氏锥柄 Morse taper	钻孔范围 Drilling range	攻丝范围 tapping range	钻孔套筒 Drilling sleeve	攻丝套筒 Tapping sleeve
J4330A-MS2	MS2	ϕ3～ϕ31.5	M6～M30	MS1,2,3	M6～8,10,12,16,18～20,24,27～30
J4330A-MS3	MS3	ϕ3～ϕ31.5	M6～M30	MS1,2,3	M6～8,10,12,16,18～20,24,27～30
J4330A-MS4	MS4	ϕ3～ϕ31.5	M6～M30	MS1,2,3	M6～8,10,12,16,18～20,24,27～30
J4330A-MS5	MS5	ϕ3～ϕ31.5	M6～M30	MS1,2,3	M6～8,10,12,16,18～20,24,27～30
J4342A-MS5	MS5	ϕ3～ϕ50	M16～M42	MS1,2,3,4	M16,18～20,24,27～30,36,39～42
J4342A-MS6	MS6	ϕ3～ϕ50	M16～M42	MS1,2,3,4	M16,18～20,24,27～30,36,39～42

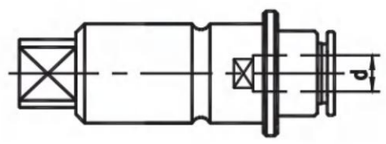
丝锥规格 Tapping range	M6～8	M10	M12	M16	M18~20	M24	M27~30	M36	M39～42
dxa	6 .3X5	8X6 .3	9X7 .1	12 .5X10	14X11 .2	18X14	20X16	25X20	28X22 .4











J45 型攻丝夹头

HT-0216

J45 TAPPING CHUCK

产品属性
Product Attributes

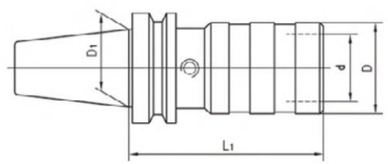
- 该装置由卡盘和丝锥夹头组成，卡盘上安装有螺纹螺距补偿装置，有两种不同的丝锥夹头，一种带过载保护，另一种不带过载保护。使用带过载保护装置的丝锥夹头时，保护装置可自动释放，避免丝锥断裂，只需调节螺母，即可快速方便地获得不同的释放扭矩。

- 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.

技术参数
Technical Parameter

订单号 Order No.	柄部 Shank	攻丝范围 Tapping range	D mm	D1 mm	d mm	L1 mm
D30–12	DIN69871 .30	M3–M12	36	31.75	19	70.1
D40–12	DIN69871 .40	M3–M12	36	44.45	19	66.7
D50–12	DIN69871 .50	M3–M12	36	69.85	19	66.7
B30–12	BT30	M3–M12	36	31.75	19	69.6
B40–12	BT40	M3–M12	36	44.45	19	74.6
B50–12	BT50	M3–M12	36	69.85	19	85.6
D30–20	DIN69871 .30	M5-M24	56	31.75	31	89.6
D40–20	DIN69871 .40	M5-M24	56	44.45	31	89.6
D50–20	DIN69871 .50	M5-M24	56	69.85	31	89.6
B30–20	BT30	M5-M24	56	31.75	31	94.6
B40–20	BT40	M5-M24	56	44.45	31	97.5
B50–20	BT50	M5-M24	56	69.85	31	108.5
D30–36	DIN69871 .30	M14-M36	80	31.75	48	126.1
D40–36	DIN69871 .40	M14-M36	80	44.45	48	146
D50–36	DIN69871 .50	M14-M36	80	69.85	48	144
B30–36	BT30	M14-M36	80	31.75	48	129
B40–36	BT40	M14-M36	80	44.45	48	149
B50–36	BT50	M14-M36	80	69.85	48	160





J45 型攻丝夹套
J45 TAPPING COLLET

HT-0217

产品属性
Product Attributes

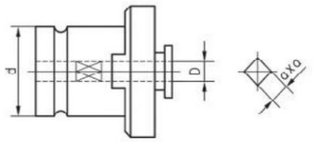
- 该夹头II型内部设有过载保护装置，扭矩可调；
- 订货时请写明规格,柄径d及形式如：19-3.5×2.7-II。
- With overload protection device inside the chucks torque adjustable;
- Show the specification in the order,with diameter of shank in the form as 19-3.5×2.7-II.

技术参数
Technical Parameter

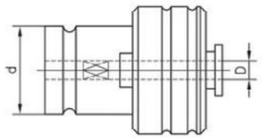
订单号 Order No.	dmm		DIN371	DIN374	DIN376
3 .5X2 .7	19	-	M3	M5	M5
4X3	19	-	M3 .5	-	M5.5
4 .5X3 .4	19	-	M4	M6	M6
6X4 .9	19	31	M5 M6	M8	M8
7X5.5	19	31	M7	M10	M9 M10
8X6 .2	19	31	M8	-	M11
9X7	19	31	M9	M12	M12
10X8	19	31	M10	-	
11X9	48	31	M11	M14	M14
12X9	48	31	M12	M16	M16
14X11	48	31	-	M18	M18
16X12	48	31	-	M20	M20
18X14 .5	48	31	-	M22 M24	M22 M24
20X16	48	-	-	M27	M27
22X18	48	-	-	M30	M30
25X20	48	-	-	M33	M33
28X22	48	-	-	M36	M36



I 型



II 型



J46 型可逆攻丝夹头
J46 REVERSIBLE TAPPING CHUCK

HT-0218

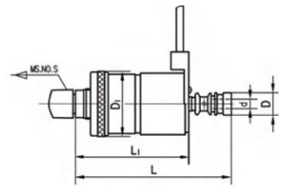
产品属性
Product Attributes

- 过载保护
- 扭矩可调
- 具有可逆转装置，丝锥退回迅速不需要机床主轴反转
- 操作简便
- Overload protection
- Adjustable torque
- Reverse device:self-reversing without need for stop-ping and reversing the spindle,faster withdrawal
- Simple operation

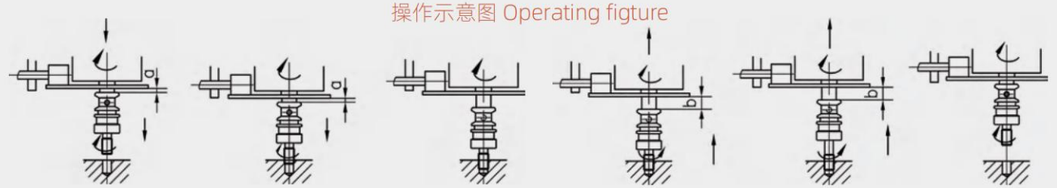
技术参数
Technical Parameter

订单号Order No.	攻丝范围Tapping range	d	D	D1	L	L1	莫氏柄MS .NO .S
J467	M2–M7	2.5–6.5	23	55	135	95	MS1–JT33 MS3–JT33
J4612	M5–M12	3.5–10	28	75	164	114.5	MS3–M16 MS4–M16
J4620	M8–M20	6.0–14	38	90.5	205	135	MS3–M20 MS4–M20





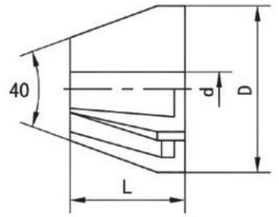
操作示意图 Operating figture



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

订单号Order No.	D	d	L
J467-1	15	2 .5-4 .2	11
J467-2	15	4.2-6.5	11
J4612-1	21	3 .5-7 .0	13
J4612-2	21	7.0-10	13
J4620-1	26.5	6.0-9.0	15
J4620-2	26.5	9.0-14	15
J4620-3	26.9	12.7-19.05	12





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

J52 型攻丝夹头
J52 TAPPING CHUCK

HT-0219

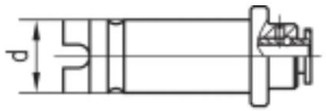
产品属性
Product Attributes

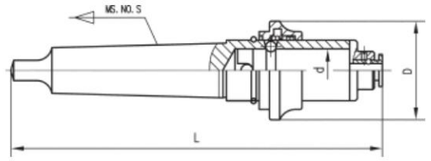
- 该夹头由主体、钻孔套筒(钻夹头接杆、莫氏刀柄套筒)和攻丝套筒组成。只需移动锁紧套，即可使钻孔、攻丝套筒快速调换，特别适用于车床、钻床、镗床上作业，具有快速换刀、操作简便等特点。
- This unit is consisted of chuck shank,drill adapter(drill chuck arbor,morse taper adapter)and tap adapter,By pushing the lock bush,drill and tap adapter can be changed quickly.It is especially suitable to lather,drilling and boring machine.This device has many features such as quick tools changing,easy operation and so on.

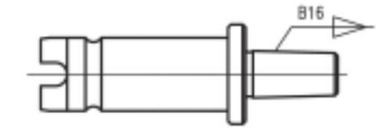
技术参数
Technical Parameter

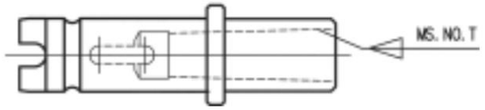
订单号 Order No.	D mm	d mm	莫氏柄 MS .NO .S	L(mm) A	L(mm) B	L(mm) C	攻丝范围 Tapping range	套筒号 MS .NO .T
J5212-MS3	57	25	MS3	192	206	206	M3-M12	MS2
J5216-MS4	57	25	MS4	218	232	232	M3-M16	MS2
J5216-MS5	57	25	MS5	250	264	264	M3-M16	MS2
J5224-MS4	82	40	MS4	270	278	265	M8-M24	MS2 MS3
J5224-MS5	82	40	MS5	302	310	297	M8-M24	MS2 MS3











J390型快换夹头
J390 QUICK CHANGE CHUCK

HT-0220

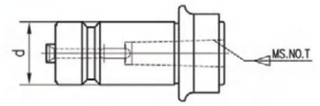
产品属性
Product Attributes

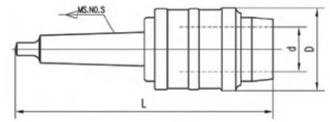
- 该夹头由主体与多支莫氏套筒组成。只需移动锁紧套，即可更换套筒。适用于钻床，车床及镗床上进行钻孔，铰孔等加工
- This unit is consisted of base chuck and several morse sleeves.Just move the lock bush to exchange sleeves.It is applicable to driller,lather,boring machine to drill,to ream holes or other working.

技术参数
Technical Parameter

订单号Order No.	MS .NO .S	Dmm	dmm	Lmm	MS .NO .T	重量 Wt(kg)
390–MS2	MS2	52	24	170	MS1 MS2	1.70
390–MS3	MS3	66	32	197	MS1 MS2 MS3	3.50
390–MS4	MS4	78	42	246.5	MS1 MS2 MS3 MS4	5.30
390–MS5	MS5	90	52	308.5	MS2 MS3 MS4 MS5	9.80
390–R8	R8	66	32	203	MS1 MS2 MS3	3.40







391型快换夹头
391 QUICK CHANGE CHUCK

HT-0221

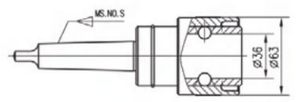
产品属性
Product Attributes

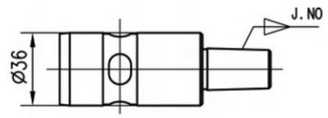
- 该夹头由主体与多支莫氏套筒和钻夹头接杆组成。只需移动锁紧套，即可更换套筒。适用于钻床，车床或镗床上进行钻孔，铰孔等加工。
- This unit is consisted of base chuck,several Morse taper adapters and drill chuck arbor.Just push the lock push to exchange sleeves.It is applicable to driller,lather,borng machine to drill,to ream holes or other working.

技术参数
Technical Parameter

订单号Order No.	Dmm	Lmm	重量 Wt(kg)
391–MS3	MS3	MS1 MS2 MS3	J0 J1 J2S J2 J3 J4 J5 J6 J33
391–MS4	MS4	MS1 MS2 MS3	J0 J1 J2S J2 J3 J4 J5 J6 J33
391–MS5	MS5	MS1 MS2 MS3	J0 J1 J2S J2 J3 J4 J5 J6 J33







铣刀产品系列
Milling cutter product series



NOR-4 刃平底/圆鼻铣刀
NOR-4 flutes flat bottom/round nose milling cutter

P223

NOR-2刃球头铣刀
NOR-2-flutes ball end milling cutter

P224

GEN-4 刃平底/圆鼻铣刀
GEN-4 flutes flat bottom/round nose milling cutter

P225

GEN-2刃球头铣刀
GEN-2 flutes ball end milling cutter

P226

SUS-4 刃平底铣刀 (不锈钢专用)
SUS-4 flutes flat-bottom milling cutter (for stainless steel)

P227

SUS-2 刃球头铣刀 (不锈钢专用)
SUS-2 flutes ball end milling cutter (for stainless steel)

P228

TUS-4刃/5刃平底铣刀 (钛合金专用)
TUS-4 flutes/5 flutes flat bottom milling cutter (for titanium alloy)

P229

TUS-4刃球头铣刀 (钛合金专用)
TUS-4 flutes ball end milling cutter (for titanium alloy)

P230

NOR-4 刃平底/圆鼻铣刀

HT-0222

NOR-4 FLUTES FLAT BOTTOM/ROUND NOSE MILLING CUTTER

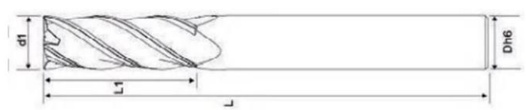
技术参数

Technical Parameter

型号ITME CODE	刃径d1	刃长L1	柄径Dh6	全长L
NOR-4F001	ϕ1	3	4	50
NOR-4F002	ϕ1.5	4	4	50
NOR-4F003	ϕ2	6	4	50
NOR-4F004	ϕ2.5	8	4	50
NOR-4F005	ϕ3	8	3	50
NOR-4F006	ϕ3	8	4	50
NOR-4F007	ϕ3.5	8	4	50
NOR-4F008	ϕ4	10	4	50
NOR-4F009	ϕ5	13	5	50
NOR-4F010	ϕ5	13	6	50
NOR-4F011	ϕ6	15	6	50
NOR-4F012	ϕ8	20	8	60
NOR-4F013	ϕ3	12	3	75
NOR-4F014	ϕ4	15	4	75
NOR-4F015	ϕ5	20	5	75
NOR-4F016	ϕ6	20	6	75
NOR-4F017	ϕ8	25	8	75
NOR-4F018	ϕ10	25	10	75
NOR-4F019	ϕ12	30	12	75
NOR-4F020	ϕ14	32	14	80
NOR-4F021	ϕ3	12	3	100
NOR-4F022	ϕ4	16	4	100
NOR-4F023	ϕ5	20	5	100
NOR-4F024	ϕ6	25	6	100
NOR-4F025	ϕ8	35	8	100
NOR-4F026	ϕ10	40	10	100
NOR-4F027	ϕ12	45	12	100
NOR-4F028	ϕ14	45	14	100
NOR-4F029	ϕ16	45	16	100
NOR-4F030	ϕ18	45	18	100
NOR-4F031	ϕ20	45	20	100
NOR-4F032	ϕ25	45	25	100
NOR-4F033	ϕ6	25	6	150
NOR-4F034	ϕ8	35	8	150
NOR-4F035	ϕ10	45	10	150
NOR-4F036	ϕ12	45	12	150
NOR-4F037	ϕ14	45	14	150
NOR-4F038	ϕ16	50	16	150
NOR-4F039	ϕ18	50	18	150
NOR-4F040	ϕ20	55	20	150
NOR-4F041	ϕ25	60	25	150

d(刃径)	Tolerance(公差)
ϕ<3	0~-0.02
3≤ϕ≤10	0~-0.03
ϕ>10	0~-0.04





NOR-2刃球头铣刀

HT-0223

NOR-2 FLUTES BALL END MILLING CUTTER

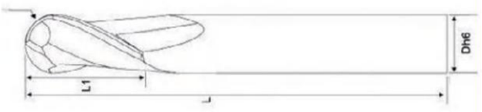
技术参数

Technical Parameter

型号ITME CODE	球半径R	刃长L1	柄径Dh6	全长L
NOR-2R001	R0.5	2	4	50
NOR-2R002	R0.75	3	4	50
NOR-2R003	R1	4	4	50
NOR-2R004	R1.25	5	4	50
NOR-2R005	R1.5	6	3	50
NOR-2R006	R1.5	6	4	50
NOR-2R007	R1.75	6	4	50
NOR-2R008	R2	8	4	50
NOR-2R009	R2.5	10	5	50
NOR-2R010	R2.5	10	6	50
NOR-2R011	R3	12	6	50
NOR-2R012	R4	16	8	60
NOR-2R013	R1.5	6	3	75
NOR-2R014	R2	8	4	75
NOR-2R015	R2.5	10	5	75
NOR-2R016	R3	12	6	75
NOR-2R017	R4	16	8	75
NOR-2R018	R5	20	10	75
NOR-2R019	R6	24	12	75
NOR-2R020	R7	28	14	80
NOR-2R021	R1.5	6	3	100
NOR-2R022	R2	8	4	100
NOR-2R023	R2.5	10	5	100
NOR-2R024	R3	12	6	100
NOR-2R025	R4	16	8	100
NOR-2R026	R5	20	10	100
NOR-2R027	R6	24	12	100
NOR-2R028	R7	28	14	100
NOR-2R029	R8	32	16	100
NOR-2R030	R9	36	18	100
NOR-2R031	R10	40	20	100
NOR-2R032	R12.5	50	25	100
NOR-2R033	R3	12	6	150
NOR-2R034	R4	16	8	150
NOR-2RO35	R5	20	10	150
NOR-2R036	R6	24	12	150
NOR-2R037	R7	28	14	150
NOR-2R038	R8	32	16	150
NOR-2R039	R9	36	18	150
NOR-2R040	R10	40	20	150
NOR-2R041	R12.5	50	25	150

d(刃径)	Tolerance(公差)
ϕ<3	0~-0.02
3≤ϕ≤10	0~-0.03
ϕ>10	0~-0.04





GEN-4 刃平底/圆鼻铣刀

HT-0224

GEN-4 FLUTES FLAT BOTTOM/ROUND NOSE MILLING CUTTER

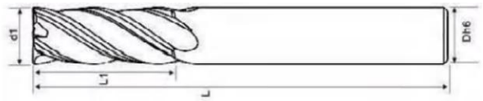
技术参数

Technical Parameter

型号ITME CODE	刃径d1	刃长L1	柄径Dh6	全长L
GEN-4F001	ϕ1	3	4	50
GEN-4F002	ϕ1.5	4	4	50
GEN-4F003	ϕ2	6	4	50
GEN-4F004	ϕ2.5	8	4	50
GEN-4F005	ϕ3	8	3	50
GEN-4F006	ϕ3	8	4	50
GEN-4F007	ϕ3.5	8	4	50
GEN-4F008	ϕ4	10	4	50
GEN-4F009	ϕ5	13	5	50
GEN-4F010	ϕ5	13	6	50
GEN-4F011	ϕ6	15	6	50
GEN-4F012	ϕ8	20	8	60
GEN-4F013	ϕ3	12	3	75
GEN-4F014	ϕ4	15	4	75
GEN-4F015	ϕ5	20	5	75
GEN-4F016	ϕ6	20	6	75
GEN-4F017	ϕ8	25	8	75
GEN-4F018	ϕ10	25	10	75
GEN-4F019	ϕ12	30	12	75
GEN-4F020	ϕ14	32	14	80
GEN-4F021	ϕ3	12	3	100
GEN-4F022	ϕ4	16	4	100
GEN-4F023	ϕ5	20	5	100
GEN-4F024	ϕ6	25	6	100
GEN-4F025	ϕ8	35	8	100
GEN-4F026	ϕ10	40	10	100
GEN-4F027	ϕ12	45	12	100
GEN-4F028	ϕ14	45	14	100
GEN-4F029	ϕ16	45	16	100
GEN-4F030	ϕ18	45	18	100
GEN-4F031	ϕ20	45	20	100
GEN-4F032	ϕ25	45	25	100
GEN-4F033	ϕ6	25	6	150
GEN-4F034	ϕ8	35	8	150
GEN-4F035	ϕ10	45	10	150
GEN-4F036	ϕ12	45	12	150
GEN-4F037	ϕ14	45	14	150
GEN-4F038	ϕ16	50	16	150
GEN-4F039	ϕ18	50	18	150
GEN-4F040	ϕ20	55	20	150
GEN-4F041	ϕ25	60	25	150

d(刃径)	Tolerance(公差)
ϕ<3	0~-0.02
3≤ϕ≤10	0~-0.03
ϕ>10	0~-0.04





GEN-2刃球头铣刀

HT-0225

GEN-2 FLUTES BALL END MILLING CUTTER

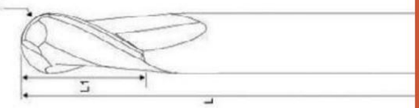
技术参数

Technical Parameter

型号ITME CODE	球半径R	刃长L1	柄径Dh6	全长L
GEN-2R001	R0 5	2	4	50
GEN-2R002	R0.75	3	4	50
GEN-2R003	R1	4	4	50
GEN-2R004	R1.25	5	4	50
GEN-2R005	R1.5	6	3	50
GEN-2R006	R1.5	6	4	50
GEN-2R007	R1.75	6	4	50
GEN-2R008	R2	8	4	50
GEN-2R009	R2.5	10	5	50
GEN-2R010	R2.5	10	6	50
GEN-2R011	R3	12	6	50
GEN-2R012	R4	16	8	60
GEN-2R013	R1.5	6	3	75
GEN-2R014	R2	8	4	75
GEN-2R015	R2.5	10	5	75
GEN-2R016	R3	12	6	75
GEN-2R017	R4	16	8	75
GEN-2R018	R5	20	10	75
GEN-2R019	R6	24	12	75
GEN-2R020	R7	28	14	80
GEN-2R021	R1.5	6	3	100
GEN-2R022	R2	8	4	100
GEN-2R023	R2.5	10	5	100
GEN-2R024	R3	12	6	100
GEN-2R025	R4	16	8	100
GEN-2R026	R5	20	10	100
GEN-2R027	R6	24	12	100
GEN-2R028	R7	28	14	100
GEN-2R029	R8	32	16	100
GEN-2R030	R9	36	18	100
GEN-2R031	R10	40	20	100
GEN-2R032	R12.5	50	25	100
GEN-2R033	R3	12	6	150
GEN-2R034	R4	16	8	150
GEN-2R035	R5	20	10	150
GEN-2R036	R6	24	12	150
GEN-2R037	R7	28	14	150
GEN-2R038	R8	32	16	150
GEN-2R039	R9	36	18	150
GEN-2R040	R10	40	20	150
GEN-2R041	R12.5	50	25	150

d(刃径)	Tolerance(公差)
ϕ<3	0~-0.02
3≤ϕ≤10	0~-0.03
ϕ>10	0~-0.04





SUS-4 刃平底铣刀(不锈钢专用)

HT-0226

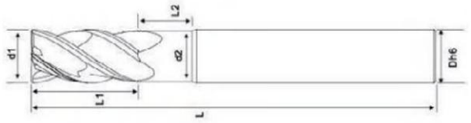
SUS-4 FLUTES FLAT-BOTTOM MILLING CUTTER (FOR STAINLESS STEEL)

技术参数
Technical Parameter

型号ITME CODE	刃径d1	颈径d2	切削刃长L1	刃长L2	柄径Dh6	全长L
SUS-4F001	Φ1	/	3	/	Φ4	50
SUS-4F002	Φ1.5	/	4	/	Φ4	50
SUS-4F003	ϕ2	/	6	/	ϕ4	50
SUS-4F004	ϕ2.5	/	8	/	ϕ4	50
SUS-4F005	Φ3	/	8	/	ϕ3	50
SUS-4F006	ϕ3	/	8	/	ϕ4	50
SUS-4F007	ϕ3.5	/	8	/	ϕ4	50
SUS-4F008	ϕ4	3.7	8	3	Φ4	50
SUS-4F009	Φ5	4.7	10	5	Φ5	50
SUS-4F010	ϕ5	4.7	10	5	Φ6	50
SUS-4F011	Φ6	5.7	12	5	ϕ6	50
SUS-4F012	ϕ8	7.7	17	5	Φ8	60
SUS-4F013	Φ3	2.7	10	5	Φ3	75
SUS-4F014	ϕ4	3.7	12	5	ϕ4	75
SUS-4F015	ϕ5	4.7	17	5	ϕ5	75
SUS-4F016	ϕ6	5.7	17	5	ϕ6	75
SUS-4F017	Φ8	7.7	22	5	ϕ8	75
SUS-4F018	ϕ10	9.7	22	5	ϕ10	75
SUS-4F019	Φ12	11.7	27	5	Φ12	75
SUS-4F020	ϕ14	13.7	28	10	ϕ14	80
SUS-4F021	Φ3	2.7	10	5	Φ3	100
SUS-4F022	ϕ4	3.7	13	5	ϕ4	100
SUS-4F023	ϕ5	4.7	17	5	ϕ5	100
SUS-4F024	ϕ6	5.7	22	5	ϕ6	100
SUS-4F025	ϕ8	7.7	30	5	ϕ8	100
SUS-4F026	ϕ10	9.7	35	5	ϕ10	100
SUS-4F027	Φ12	11.7	40	5	Φ12	100
SUS-4F028	ϕ14	13.7	40	10	ϕ14	100
SUS-4F029	Φ16	15.7	40	10	ϕ16	100
SUS-4F030	Φ18	17.7	40	10	Φ18	100
SUS-4F031	ϕ20	19.7	40	10	ϕ20	100
SUS-4F032	Φ25	24.7	40	10	Φ25	100
SUS-4F033	ϕ6	5.7	20	5	Φ6	150
SUS-4F034	Φ8	7.7	30	5	Φ8	150
SUS-4F035	ϕ10	9.7	40	5	Φ10	150
SUS-4F036	Φ12	11.7	40	5	Φ12	150
SUS-4F037	ϕ14	13.7	40	10	ϕ14	150
SUS-4F038	Φ16	15.7	45	10	Φ16	150
SUS-4F039	Φ18	17.7	45	10	ϕ18	150
SUS-4F040	ϕ20	19.7	50	10	Φ20	150
SUS-4F041	ϕ25	24.7	55	10	ϕ25	150

d(刃径)	Tolerance(公差)
ϕ<3	0~-0.02
3≤ϕ≤10	0~-0.03
ϕ>10	0~-0.04





SUS-2 刃球头铣刀(不锈钢专用)

HT-0227

SUS-2 FLUTES BALL END MILLING CUTTER (FOR STAINLESS STEEL)

技术参数
Technical Parameter

型号ITME CODE	球半径R	颈径d2	切削刃长L1	刃长L2	柄径Dh6	全长L
SUS-2R001	R0.5	/	2	/	ϕ4	50
SUS-2R002	R0.75	/	3	/	ϕ4	50
SUS-2R003	R1	/	4	/	Φ4	50
SUS-2R004	R1.25	/	5	/	ϕ4	50
SUS-2R005	R1.5	/	6	/	ϕ3	50
SUS-2R006	R1.5	/	6	/	ϕ4	50
SUS-2R007	R1.75	/	6	/	Φ4	50
SUS-2R008	R2	3.7	6	3	Φ4	50
SUS-2R009	R2.5	4.7	7.5	5	Φ5	50
SUS-2R010	R2.5	4.7	7.5	5	ϕ6	50
SUS-2R011	R3	5.7	9	5	ϕ6	50
SUS-2R012	R4	7.7	12	5	Φ8	60
SUS-2R013	R1.5	2.7	4.5	5	ϕ3	75
SUS-2R014	R2	3.7	6	5	ϕ4	75
SUS-2R015	R2.5	4.7	7.5	5	ϕ5	75
SUS-2R016	R3	5.7	9	5	Φ6	75
SUS-2R017	R4	7.7	12	5	ϕ8	75
SUS-2R018	R5	9.7	15	5	ϕ10	75
SUS-2R019	R6	11.7	18	5	ϕ12	75
SUS-2R020	R7	13.7	21	10	ϕ14	80
SUS-2R021	R1.5	2.7	4.5	5	ϕ3	100
SUS-2R022	R2	3.7	6	5	ϕ4	100
SUS-2R023	R2.5	4.7	7.5	5	ϕ5	100
SUS-2R024	R3	5.7	9	5	ϕ6	100
SUS-2R025	R4	7.7	12	5	Φ8	100
SUS-2R026	R5	9.7	15	5	ϕ10	100
SUS-2R027	R6	11.7	18	5	ϕ12	100
SUS-2R028	R7	13.7	21	10	ϕ14	100
SUS-2R029	R8	15.7	24	10	ϕ16	100
SUS-2R030	R9	17.7	27	10	ϕ18	100
SUS-2R031	R10	19.7	30	10	ϕ20	100
SUS-2R032	R12.5	24.7	37.5	10	Φ25	100
SUS-2R033	R3	5.7	9	5	ϕ6	150
SUS-2R034	R4	7.7	12	5	Φ8	150
SUS-2R035	R5	9.7	15	5	ϕ10	150
SUS-2R036	R6	11.7	18	5	ϕ12	150
SUS-2R037	R7	13.7	21	10	ϕ14	150
SUS-2R038	R8	15.7	24	10	ϕ16	150
SUS-2R039	R9	17.7	27	10	ϕ18	150
SUS-2R040	R10	19.7	30	10	ϕ20	150
SUS-2R041	R12.5	24.7	37.5	10	ϕ25	150

d(刃径)	Tolerance(公差)
ϕ<3	0~-0.02
3≤ϕ≤10	0~-0.03
ϕ>10	0~-0.04





TUS-4刃/5刃平底铣刀(钛合金专用)

HT-0228

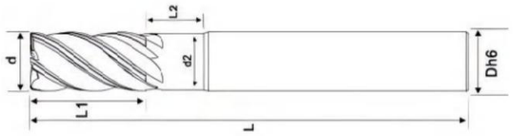
TUS-4 FLUTES/5 FLUTES FLAT BOTTOM MILLING CUTTER (FOR TITANIUM ALLOY)

技术参数
Technical Parameter

型号ITME CODE	刃径d1	颈径d2	切削刃长L1	刃长L2	柄径Dh6	全长L
TUS-4F001	ϕ1R0.1	/	3	/	ϕ4	50
TUS-4F002	ϕ1.5R0.1	/	4	/	ϕ4	50
TUS-4F003	Φ2R0.1	/	6	/	ϕ4	50
TUS-4F004	ϕ2.5R0.1	/	8	/	ϕ4	50
TUS-4F005	Φ3R0.2	/	8	/	ϕ3	50
TUS-4F006	Φ3R0.2	/	8	/	ϕ4	50
TUS-4F007	ϕ3.5R0.2	/	8	/	ϕ4	50
TUS-4F008	ϕ4R0.5	3.7	8	3	ϕ4	50
TUS-5F009	Φ5R0.5	4.7	10	5	ϕ5	50
TUS-5F010	Φ5R0.5	4.7	10	5	ϕ6	50
TUS-5F011	Φ6R0.5	5.7	12	5	ϕ6	50
TUS-5F012	ϕ8R0.5	7.7	17	5	ϕ8	60
TUS-4F013	Φ3R0.2	2.7	10	5	ϕ3	75
TUS-4F014	ϕ4R0.5	3.7	12	5	ϕ4	75
TUS-5F015	ϕ5R0.5	4.7	17	5	ϕ5	75
TUS-5F016	ϕ6R0.5	5.7	17	5	ϕ6	75
TUS-5F017	ϕ8R0.5	7.7	22	5	ϕ8	75
TUS-5F018	ϕ10R0.5	9.7	22	5	ϕ10	75
TUS-5F019	ϕ12R0.5	11.7	27	5	Φ12	75
TUS-5F020	ϕ14R0.5	13.7	28	10	ϕ14	80
TUS-4F021	ϕ3R0.2	2.7	10	5	ϕ3	100
TUS-4F022	ϕ4R0.5	3.7	13	5	ϕ4	100
TUS-5F023	ϕ5R0.5	4.7	17	5	ϕ5	100
TUS-5F024	ϕ6R0.5	5.7	22	5	ϕ6	100
TUS-5F025	ϕ8R0.5	7.7	30	5	ϕ8	100
TUS-5F026	ϕ10R0.5	9.7	35	5	ϕ10	100
TUS-5F027	ϕ12R0.5	11.7	40	5	ϕ12	100
TUS-5F028	ϕ14R0.5	13.7	40	10	ϕ14	100
TUS-5F029	ϕ16R0.5	15.7	40	10	ϕ16	100
US-5F030	Φ18R0.5	17.7	40	10	Φ18	100
TUS-5F031	ϕ20R0.5	19.7	40	10	Φ20	100
TUS-5F032	ϕ25R1	24.7	40	10	Φ25	100
TUS-5F033	Φ6R0.5	5.7	20	5	ϕ6	150
TUS-5F034	Φ8R0.5	7.7	30	5	ϕ8	150
TUS-5F035	ϕ10R0.5	9.7	40	5	ϕ10	150
TUS-5F036	ϕ12R0.5	11.7	40	5	ϕ12	150
TUS-5F037	ϕ14R0.5	13.7	40	10	ϕ14	150
TUS-5F038	Φ16R0.5	15.7	45	10	ϕ16	150
TUS-5F039	ϕ18R0.5	17.7	45	10	Φ18	150
TUS-5F040	ϕ20R0.5	19.7	50	10	Φ20	150
TUS-5F041	ϕ25R1	24.7	55	10	Φ25	150

d(刃径)	Tolerance(公差)
ϕ<3	0~-0.02
3≤ϕ≤10	0~-0.03
ϕ>10	0~-0.04





TUS-4刃球头铣刀(钛合金专用)

HT-0229

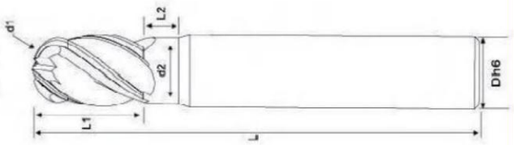
TUS-4 FLUTES BALL END MILLING CUTTER (FOR TITANIUM ALLOY)

技术参数
Technical Parameter

型号ITME CODE	球半径R	颈径d2	切削刃长L1	刃长L2	柄径Dh6	全长L
TUS-ML4R001	R0.5	/	2	/	ϕ4	50
TUS-ML4R002	R0.75	1	3	/	ϕ4	50
TUS-ML4R003	R1	/	4	/	Φ4	50
TUS-ML4R004	R1.25	1	5	/	ϕ4	50
TUS-ML4R005	R1.5	/	6	/	ϕ3	50
TUS-ML4R006	R1.5	1	6	/	ϕ4	50
TUS-ML4R007	R1.75	1	6	/	Φ4	50
TUS-ML4R008	R2	3.7	6	3	Φ4	50
TUS-ML4R009	R2.5	4.7	7.5	5	Φ5	50
TUS-ML4R010	R2.5	4.7	7.5	5	ϕ6	50
TUS-ML4R011	R3	5.7	9	5	ϕ6	50
TUS-ML4R012	R4	7.7	12	5	Φ8	60
TUS-ML4R013	R1.5	2.7	4.5	5	ϕ3	75
TUS-ML4R014	R2	3.7	6	5	ϕ4	75
TUS-ML4R015	R2.5	4.7	7.5	5	ϕ5	75
TUS-ML4R016	R3	5.7	9	5	Φ6	75
TUS-ML4R017	R4	7.7	12	5	ϕ8	75
TUS-ML4R018	R5	9.7	15	5	ϕ10	75
TUS-ML4R019	R6	11.7	18	5	ϕ12	75
TUS-ML4R020	R7	13.7	21	10	ϕ14	80
TUS-ML4R021	R1.5	2.7	4.5	5	ϕ3	100
TUS-ML4R022	R2	3.7	6	5	ϕ4	100
TUS-ML4R023	R2.5	4.7	7.5	5	ϕ5	100
TUS-ML4R024	R3	5.7	9	5	ϕ6	100
TUS-ML4R025	R4	7.7	12	5	Φ8	100
TUS-ML4R026	R5	9.7	15	5	ϕ10	100
TUS-ML4R027	R6	11.7	18	5	ϕ12	100
TUS-ML4R028	R7	13.7	21	10	ϕ14	100
TUS-ML4R029	R8	15.7	24	10	ϕ16	100
TUS-ML4R030	R9	17.7	27	10	ϕ18	100
TUS-ML4R031	R10	19.7	30	10	ϕ20	100
TUS-ML4R032	R12.5	24.7	37.5	10	ϕ25	100
TUS-ML4R033	R3	5.7	9	5	ϕ6	150
TUS-ML4R034	R4	7.7	12	5	ϕ8	150
TUS-ML4R035	R5	9.7	15	5	ϕ10	150
TUS-ML4R036	R6	11.7	18	5	ϕ12	150
TUS-ML4R037	R7	13.7	21	10	ϕ14	150
TUS-ML4R038	R8	15.7	24	10	ϕ16	150
TUS-ML4R039	R9	17.7	27	10	ϕ18	150
TUS-ML4R040	R10	19.7	30	10	ϕ20	150
TUS-ML4R041	R12.5	24.7	37.5	10	ϕ25	150

d(刃径)	Tolerance(公差)
ϕ<3	0~-0.02
3≤ϕ≤10	0~-0.03
ϕ>10	0~-0.04





高品质冲子成型器产品系列

High quality punch former product series

ZCYQ80A双向冲子成型器	ZCYQ80B单向冲子成型器	ZCYQ80C三爪冲子成型器	ZCYQ80D ER冲子成型器
ZCYQ80A punch former(two-way)	ZCYQ80A punch former(one-way)	ZCYQ80A 3-jaws punch former	ZCYQ80A ER collet punch former
			
P233	P234	P235	P235



ZCYQ80A双向冲子成型器
ZCYQ80A PUNCH FORMER (TWO-WAY)

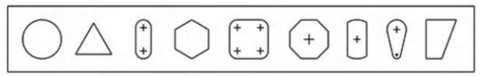
HT-0230

产品属性
Product Attributes

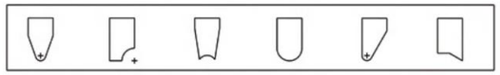
- 中心高: 80mm
- V型槽夹持直径: 4-30mm
- V型块上下调整: 25mm
- V型块横向移动量: ±12.5mm
- 分度盘齿数: 24
- 修整砂轮最大半径: 200mm
- 修整砂轮圆弧最大半径: 凸弧R50mm/凹弧R100mm
- 外形尺寸: 360×116×145mm
- 它可用于平面磨床及万能工具磨床, 对各种形状的冲头进行精度磨削, 并可用于电火花机床电极的精密加工。另附有曲臂, 具有休整砂轮的功能, 可用于修整由直线和圆弧组成的各种截面形状的砂轮。

- Center height:80mm
- Clamping diameter in V-slot:4-30mm
- Travel of V-block:25mm
- Transversal travel of slid:±12.5mm
- Quantity of tooth:24
- Max wheel diameter:200mm
- Max radius when dressing arc:Convex:R50mm/Concave:R100mm
- Outside size:360×116×145mm
- Punch former is applicable on surface grinder or universal grinder for grinding round,radius and multi-angle points of punches and for precisely EDM electrode. With its radius dresser arm, it is able to dress wheels to different straight,arc profiles.

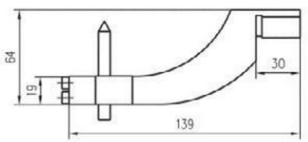
冲子成形应用 Punch forming application

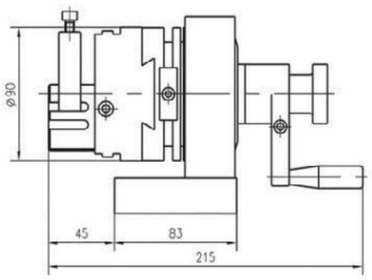


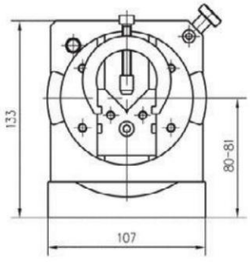
砂轮修整应用 Grinding wheel dressing application











ZCYQ80B单向冲子成型器
ZCYQ80B PUNCH FORMER (ONE-WAY)

HT-0231

产品属性
Product Attributes

- 中心高: 80mm
- V型槽夹持直径: 4-30mm
- V型块上下调整: 25mm
- 分度盘齿数: 24
- 修整砂轮最大半径: 200mm
- 修整砂轮圆弧最大半径: 凸弧R50mm/凹弧R100mm
- 它可用于平面磨床及万能工具磨床, 可对各种形状的冲头进行精度磨削, 并可用于电火花机床电极的精密加工。回转柄为中空结构, 可用于较长冲子的研磨。本产品附有曲臂, 具有修整砂轮的功能, 可用于修整由直线和圆弧组成的各种截面形状的砂轮形状的砂轮。

- Center height:80mm
- Clamping diameter in V-slot:4-30mm
- Travel of V-block:25mm
- Quantity of tooth:24
- Max wheel diameter:200mm
- Max radius when dressing arc:Convex:R50mm/Concave:R100mm
- Punch former is applicable on surface grinder or universal grinder for grinding round,radius and multi-angle points of punches and for precisely EDM electrode.center hole allows long punch use.With its radius dresser arm,it is able to dress wheels to different straight,arc profiles.

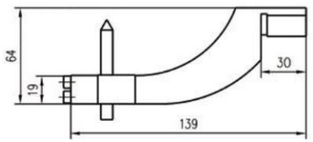
冲子成形应用 Punch forming application

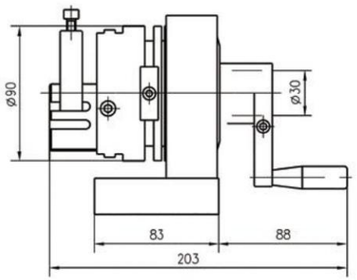


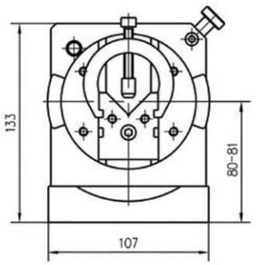
砂轮修整应用 Grinding wheel dressing application











ZCYQ80C三爪冲子成型器
ZCYQ80C 3-JAWS PUNCH FORMER

HT-0234

产品属性
Product Attributes

- 三爪卡盘孔径: 16mm
- 夹持直径范围: 正爪ϕ2-ϕ3, 反爪ϕ30-ϕ70
- ZCYQ80C型三爪冲子成型器,配有三爪卡盘, 使用方便, 可快速将工件夹持, 并具有圆度及平行度调整功能, 特别适用于大批量生产。

- 3 jaws chuck hole diameter:16mm
- Min clamping diameter:ϕ2-ϕ3mm,Max clamping diameter:ϕ30-ϕ70
- ZCYQ80C Punch former is attached with 3 jaws,Which can hold workpieces quickly and conveniently,it can also adjust center of 3 jaws,it is suitable to be produced in batch.



ZCYQ80D ER冲子成型器
ZCYQ80D ER COLLET PUNCH FORMER

HT-0235

产品属性
Product Attributes

- 夹持直径范围: ϕ2-ϕ20
- 配备ER32夹头规格: 4, 6, 8, 10, 12, 16, 20
- 夹持4mm以下必须使用直径为ϕ20的直柄ER16夹具。
- 可快速夹持工件, 具有夹紧力大, 精度高等特点, 且不必调整中心即可使用。

- Clamping diameter:ϕ2-ϕ20
- Supply ER32 collet size:4,6,8,10,12,16,20
- For workpiece diameter smaller than 4mm,use shank 20mm/ER16 collet chuck.
- It clamps workpiece quickly and steadily when processing without checking the center.





高品质量具产品系列

High quality measuring tool product series

Ⅱ型游标卡尺
Vernier caliper(type ll)

P238

Ⅱ型整体游标卡尺
Mono-block vernier caliper(type ll)

P239

高精度数显卡尺
High precision digital caliper

P240

绝对原点数显卡尺
Absolute digital caliper

P241

IP54防溅水数显卡尺
Ip54 splash-proof digital caliper

P242

Ⅱ型数显卡尺
Digital caliper(type ll)

P243

金属罩壳数显卡尺1
Metal housing digital caliper1

P244

金属罩壳数显卡尺2
Metal housing digital caliper2

P245

超大屏数显卡尺
Big LCD digital caliper

P245

外径千分尺
Outside micrometer

P246

外径千分尺套装
Outside micrometer set

P247

微米外径千分尺
Outside micrometer

P248

两点内测千分尺
Inside micrometer

P249

Ⅱ型游标卡尺
VERNIER CALIPER(TYPEII)

HT-0234

功能与特性
Functions and Characters

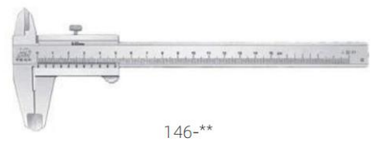
- 不锈钢制造；
- 200mm以上产品带微动滚轮；
- 可进行外尺寸、内尺寸、深度尺寸及台阶尺寸测量；
- 可根据客户需求带深度尺或不带深度尺。

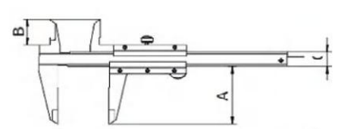
- Made of stainless steel;
- With thumb roller for range 200mm or more;
- Can measure OD,ID,depth and step;
- Depth measuring bar is optional.

技术参数
Technical Parameter

货号 Item No.	货号 Item No.	测量范围 Range(mm)	分度值 Grad. (mm)	B mm	A mm	C mm	精度(mm) Accuracy	可按以下标准订货生产
147-510S	146-510S	0-100	0.05	12.5	30	13	±0.05	
147-520S	146-520S	0-150	0.05	17.5	40	15.5	±0.05	
147-525S	146-525S	0-200	0.05	19	50	17	±0.05	
147-530S	146-530S	0-250	0.05	23	65	17	±0.06	
147-535S	146-535S	0-300	0.05	23	65	17	±0.06	
147-110S	146-110S	0-100	0.02	12.5	30	13	±0.02	
147-120S	146-120S	0-150	0.02	17.5	40	15.5	±0.03	
147-125S	146-125S	0-200	0.02	19	50	17	±0.03	
147-130S	146-130S	0-250	0.02	23	65	17	±0.04	
147-135S	146-135S	0-300	0.02	23	65	17	±0.04	德标
147-610S	146-610S	0-100	0.05/1/128"	12.5	30	13	±0.05	俄标
147-620S	146-620S	0-150	0.05/1/128"	17.5	40	15.5	±0.05	
147-625S	146-625S	0-200	0.05/1/128"	19	50	17	±0.05	
147-630S	146-630S	0-250	0.05/1/128"	23	65	17	±0.06	
147-635S	146-635S	0-300	0.05/1/128"	23	65	17	±0.06	
147-210S	146-210S	0-100	0.02/0.001"	12.5	30	13	±0.02	
147-220S	146-220S	0-150	0.02/0.001"	17.5	40	15.5	±0.03	
147-225S	146-225S	0-200	0.02/0.001"	19	50	17	±0.03	
147-230S	146-230S	0-250	0.02/0.001"	23	65	17	±0.04	
147-235S	146-235S	0-300	0.02/0.001"	23	65	17	±0.04	


147-**


146-**



Ⅱ型游标卡尺Vernier Caliper(Type Ⅱ)　Ⅱ型整体游标卡尺Mono-block Vernier Caliper(Type Ⅱ)

II型整体游标卡尺
MONO-BLOCK VERNIER CALIPER(TYPEII)

HT-0235

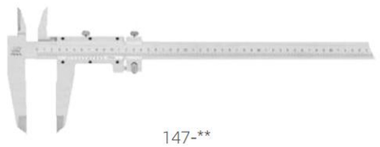
功能与特性
Functions and Characters

- 不锈钢制造;
- 可进行外尺寸、内尺寸、深度尺寸及台阶尺寸测量;
- 带微动主体。

- Made of stainless steel;
- Can measure OD,ID,depth and step;
- With fine adjustment.

技术参数
Technical Parameter

货号 Item No.	货号 Item No.	测量范围 Range(mm)	分度值 Grad. (mm)	B mm	A mm	C mm	精度(mm) Accuracy	可按以下标准订货生产
147-550S	146-550S	0-500	0.05	40	100	25	±0.07	
147-555S	146-555S	0-600	0.05	40	100	25	±0.08	
147-565S	146-565S	0-1000	0.05	47	125	32	±0.10	
147-150S	146-150S	0-500	0.02	40	100	25	±0.05	
147-155S	146-155S	0-600	0.02	40	100	25	±0.05	
147-165S	146-165S	0-1000	0.02	47	125	32	±0.07	
147-650S	146-650S	0-500	0.05/1/128"	40	100	25	±0.07	德标 俄标
147-655S	146-655S	0-600	0.05/1/128"	40	100	25	±0.08	
147-665S	146-665S	0-1000	0.05/1/128"	47	125	32	±0.10	
147-250S	146-250S	0-500	0.02/0.001"	40	100	25	±0.05	
147-255S	146-255S	0-600	0.02/0.001"	40	100	25	±0.05	
147-265S	146-265S	0-1000	0.02/0.001"	47	125	32	±0.07	



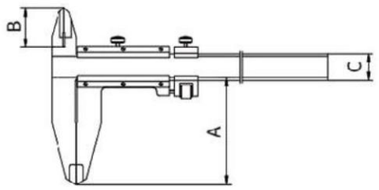
147-**

II型游标卡尺Vernier Caliper(Type II)



146-**

II型整体游标卡尺Mono-block Vernier Caliper(Type II)



高精度数显卡尺
HIGH PRECISION DIGITAL CALIPER

HT-0236

功能与特性
Functions and Characters

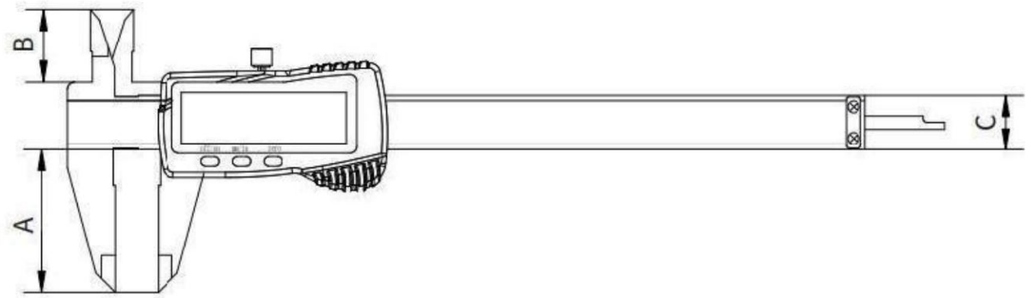
- ON/OFF开/关机;
- 任意位置清零;
- mm/in 任意位置公英制转换;
- 容栅测量系统, 带数据输出口;
- 高清晰度、大字体液晶显示屏;
- 整尺不锈钢淬硬制造;
- 具有外测量、内测量、台阶测量及深度测量功能;
- 可配微动滚轮。

- Manual power on/off;
- Zero setting at any position;
- Metric/inch system conversion at any position;
- Capacitive measuring system,with data output interface;
- High definition,Big LCD;
- Made of stainless steel;
- For depth,step,internal and external measurement;
- Thumb roller is optional.

技术参数
Technical Parameter

货号 Item No.	测量范围 Range(mm)	分辨力(mm/in) Resolution	B mm	A mm	C mm	精度(mm) Accuracy
136-320	0-150mm/6"	0.01/0.0005"	16.5	40	16	0.02





绝对原点数显卡尺
ABSOLUTE DIGITAL CALIPER

HT-0237

功能与特性
Functions and Characters

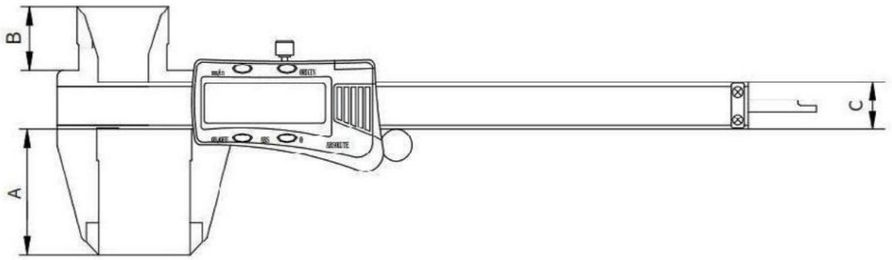
- 采用绝对编码传感器的新一代数显卡尺;
- 大液晶显示屏，带数据输出口;
- 无论何时开机，屏幕都会显示副尺当前位置，以便随时进行测量，无需反复清零;
- 尺框快速移动不出错;
- 具有外测量、内测量、台阶测量及深度测量功能;
- 带电源开关;
- mm/in 任意位置公英制转换;
- ORIGIN:原点设置键;
- ABS/0: 绝对测量/相对测量转换键，可任意位置清零;
- (INC测量)或返回绝对原点(ABS)坐标位置。

- New generation digital caliper with absolute coding sensor; Big LCD screen,with data output interface;
- Whenever switch on,the LCD will dispaly the slider's current position,it's ready for measurement any time,no need to set zero again;
- No error when the slider moves at high speed;
- Can measure OD,ID,steps,and depth;
- Manual power on/off;
- Metric/inch system conversion at any position;
- ORIGIN:Origin setting;
- ABS/0:Absolute/Relative measurement conversion.Zero setting at any position
- (INC measurement),or back to absolute(ABS)coordinate position.

技术参数
Technical Parameter

货号 Item No.	测量范围 Range(mm)	分辨力(mm/in) Resolution	B mm	A mm	C mm	精度(mm) Accuracy
133-001A	0-150/6"	0.01/0.0005"	16.5	40	16	±0.03
133-002A	0-200/8"	0.01/0.0005"	20	50	16	±0.03
133-003A	0-300/12"	0.01/0.0005"	20.5	60	17	±0.04





IP54防溅水数显卡尺
IP54 SPLASH-PROOF DIGITAL CALIPER

HT-0238

功能与特性
Functions and Characters

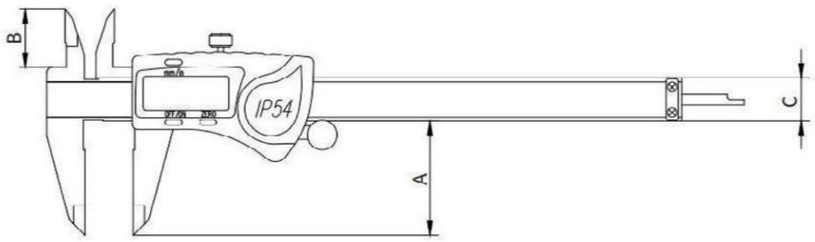
- ZERO 任意位置清零;
- mm/inch任意位置公英制转换;
- 可进行外尺寸、内尺寸、台阶尺寸及深度尺寸测量;
- 防水等级达IP54,在溅水环境下擦干后能正常使用。

- Zero setting at any position;
- Metric/Inch system conversion at any position;
- Can measure OD,ID,steps,and depth;
- The degree of protection is IP54.It can work after cleaning the splashed water on it.

技术参数
Technical Parameter

货号 Item No.	测量范围 Range(mm)	分辨力(mm/in) Resolution	B mm	A mm	C mm	精度(mm) Accuracy
131-320J	0-150/6"	0.01/0.0005"	16.5	40	16	±0.03
131-325J	0-200/8"	0.01/0.0005"	20	50	16	±0.03
131-335J	0-300/12"	0.01/0.0005"	20.5	60	17	±0.04





II型数显卡尺
DIGITAL CALIPER(TYPE II)

HT-0239

功能与特性
Functions and Characters

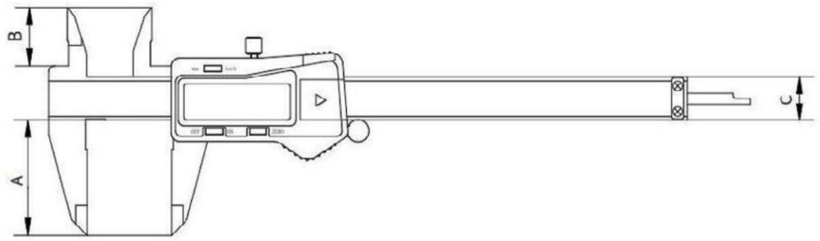
- ON/OFF开/关机;
- 任意位置清零;
- mm/in 任意位置公英制转换;
- 容栅测量系统，带数据输出口;
- 高清晰度、大字体液晶显示屏;
- 整尺不锈钢淬硬制造;
- 具有外测量、内测量、台阶测量及深度测量功能。

- Manual power on/off;
- Zero setting at any position;
- Metric/inch system conversion at any position;
- Capacitive measuring system,with data output interface;
- High definition,Big LCD;
- Made of stainless steel;
- For depth,step,internal and external measurement.

技术参数
Technical Parameter

货号 Item No.	测量范围 Range(mm)	分辨力(mm/in) Resolution	B mm	A mm	C mm	精度(mm) Accuracy
110-320K	0-150/6"	0.01/0.0005"	16.5	40	16	±0.03
110-325K	0-200/8"	0.01/0.0005"	20	50	16	±0.03
110-335K	0-300/12"	0.01/0.0005"	20.5	60	17	±0.04





金属罩壳数显卡尺
METAL HOUSING DIGITAL CALIPER

HT-0240

功能与特性
Functions and Characters

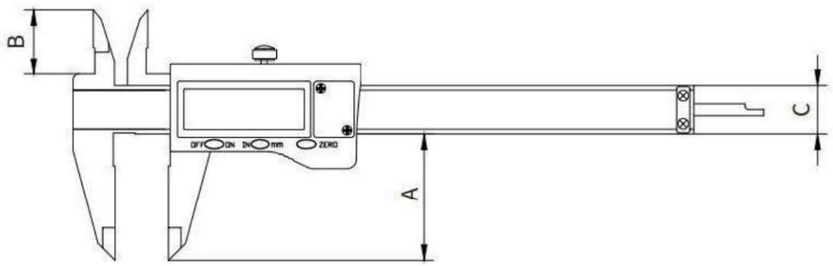
- ON/OFF开/关机;
- 任意位置清零;
- mm/in 任意位置公英制转换;
- 具有外测量、内测量、台阶测量及深度测量功能。

- Manual power on/off;
- Zero setting at any position;
- Metric/inch system conversion at any position;
- For depth,step,internal and external measurement.

技术参数
Technical Parameter

货号 Item No.	测量范围 Range(mm)	分辨力(mm/in) Resolution	B mm	A mm	C mm	精度(mm) Accuracy
132-310G	0-100/4"	0.01/0.0005"	30	12.5	13	±0.03





金属罩壳数显卡尺
METAL HOUSING DIGITAL CALIPER

HT-0241

功能与特性
Functions and Characters

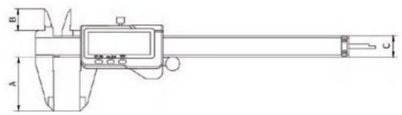
- ON/OFF开/关机;
- 任意位置清零;
- mm/in 任意位置公英制转换;
- 容栅测量系统, 带数据输出口;
- 具有外测量、内测量、台阶测量及深度测量功能。

- Manual power on/off;
- Zero setting at any position;
- Metric/inch system conversion at any position;
- Capacitance measuring system with data output interface;
- For depth,step,internal and external measurement;

技术参数
Technical Parameter

货号 Item No.	测量范围 Range(mm)	分辨力(mm/in) Resolution	B mm	A mm	C mm	精度(mm) Accuracy
132-320N	0-150/6"	0.01/0.0005"	16.5	40	16	±0.03
132-325N	0-200/8"	0.01/0.0005"	20	50	16	±0.03
132-335N	0-300/12"	0.01/0.0005"	20.5	60	17	±0.04





超大屏数显卡尺
BIG LCD DIGITAL CALIPER

HT-0242

功能与特性
Functions and Characters

- 带电源开关;
- 任意位置清零和公英制转换;
- 带数据输出口。

- Manual power on/off;
- Zero setting and mm/inch conversion at any position;
- With data output interface.

技术参数
Technical Parameter

货号 Item No.	测量范围 Range(mm)	分辨力(mm/in) Resolution	B mm	A mm	C mm	精度(mm) Accuracy
132-305B	0-75/3"	0.01/0.0005"	12.5	30	13	±0.02
132-310B	0-100/4"	0.01/0.0005"	12.5	30	13	±0.03
132-320A	0-150/6"	0.01/0.0005"	16.5	40	16	±0.03
132-325A	0-200/8"	0.01/0.0005"	20	50	16	±0.03
132-335A	0-300/12"	0.01/0.0005"	20.5	60	17	±0.04





外径千分尺
OUTSIDE MICROMETER

HT-0243

功能与特性
Functions and Characters

- 喷塑尺架;
- 硬质合金量面。

- Painted frame;
- Carbide measuring faces.

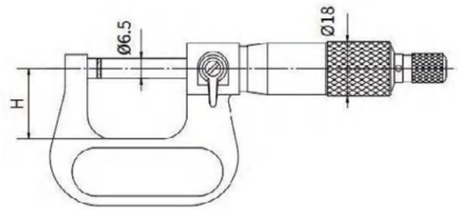
技术参数
Technical Parameter

货号 Item No.	测量范围 Range(mm)	分度值 Grad. (mm)	H mm	精度(mm) Accuracy	备注 Note
405-105	0-25mm	0.01mm	24	4μm	
405-110	25-50mm	0.01mm	30	4μm	
405-115	50-75mm	0.01mm	42.5	5μm	
405-120	75-100mm	0.01mm	55	5μm	
405-505	0-25mm	0.001mm	24	4μm	带游标读数
405-510	25-50mm	0.001mm	30	4μm	带游标读数
405-515	50-75mm	0.001mm	42.5	5μm	带游标读数
405-520	75-100mm	0.001mm	55	5μm	带游标读数
405-205	0-1"	0.001"	24	0.00015"	
405-210	1"-2"	0.001"	30	0.00015"	
405-215	2"-3"	0.001"	42.5	0.0002"	
405-220	3"-4"	0.001"	55	0.0002"	
405-605	0-1"	0.0001"	24	0.00015"	带游标读数
405-610	1"-2"	0.0001"	30	0.00015"	带游标读数
405-615	2"-3"	0.0001"	42.5	0.0002"	带游标读数
405-620	3"-4"	0.0001"	55	0.0002"	带游标读数

外径千分尺(普通型)套装Outside Micrometer Set

货号 Item No.	测量范围 Range(mm)	分度值 Grad. (mm)	每套件数 pcs/set
418-100	0-100mm	0.01mm	4
418-500	0-100mm	0.001mm	4
418-200	0-4"	0.001"	4
418-600	0-4"	0.0001"	4





外径千分尺套装
OUTSIDE MICROMETER SET

HT-0244

功能与特性
Functions and Characters

- 精铸喷塑尺架
- 硬质合金量面
- Painted casting frame;
- Carbide measuring faces.

技术参数
Technical Parameter

货号 Item No.	测量范围 Range(mm)	分度值 Grad. (mm)	每套件数 pcs/set
418-100M	0-100mm	0.01mm	4
418-500M	0-100mm	0.001mm	4
418-105M	0-150mm	0.01mm	6
418-110M	0-200mm	0.01mm	8
418-115M	150-300mm	0.01mm	6
418-120M	0-300mm	0.01mm	12
418-200M	0-4"	0.001"	4
418-600M	0-4"	0.0001"	4
418-205M	0-6"	0.001"	6
418-210M	0-8"	0.001"	8
418-215M	6"-12"	0.001"	6
418-220M	0-12"	0.001"	12



微米外径千分尺
OUTSIDE MICROMETER

HT-0245

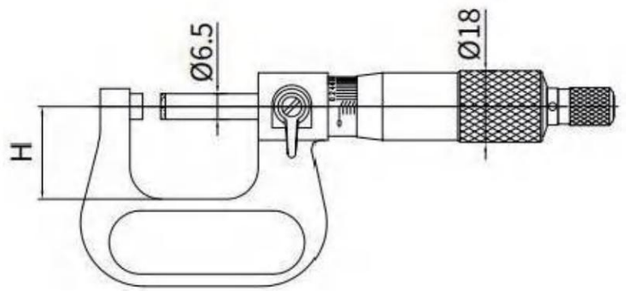
功能与特性
Functions and Characters

- 喷塑尺架;
- 硬质合金量面;
- 采用游标读数。
- Painted frame;
- Carbide measuring faces;
- With vernier reading system.

技术参数
Technical Parameter

货号 Item No.	测量范围 Range(mm)	分度值 Grad. (mm)	H mm	精度(mm) Accuracy
478-505	0-25	0.001	24	2μm
478-510	25-50	0.001	30	2μm
478-515	50-75	0.001	42.5	3μm
478-520	75-100	0.001	55	3μm





两点内测千分尺
INSIDE MICROMETER

HT-0246

功能与特性
Functions and Characters

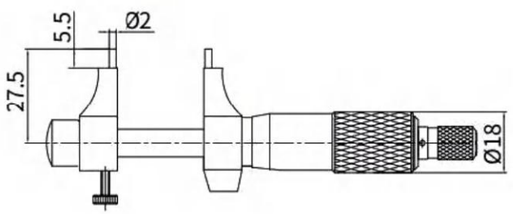
- 可进行内径尺寸的测量;
- 测量面为硬质合金;
- 50mm 规格以下配环规;
- 50mm 规格以上可选配环规。

- For inside measurements;
- Carbide measuring faces;
- With set ring for below 50mm items;
- Set rings can be applied as per cunstom's request for above 50mm items.

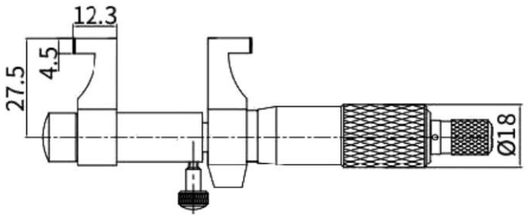
技术参数
Technical Parameter

货号 Item No.	测量范围 Range(mm)	分度值 Grad. (mm)	精度 Accuracy
452-105	5-30mm	0.01mm	7μm
452-110	25-50mm	0.01mm	8μm
452-115	50-75mm	0.01mm	9μm
452-120	75-100mm	0.01mm	10μm
452-205	0.2"-1.2"	0.001"	0.00028"
452-210	1"-2"	0.001"	0.00032"
452-215	2"-3"	0.001"	0.00036"
452-220	3"-4"	0.001"	0.0004"











高品质百分表产品系列
High quality indicator product series

千分表 Dial micron indicators P252
普通百分表 Dial indicators P253
杠杆百分表 Dial test indicators P254
杠杆千分表 Micron dial test indicator P255
内径百分表 Dial bore gauges P256



千分表
DIAL MICRON INDICATORS

HT-0247

功能与特性
Functions and Characters

宽刻度Wide Graduation

- 表圈转动圈为金属外圈;
- 量杆上部为随动于量杆的防尘帽;
- 带公差指示器;
- 带表圈紧固装置;
- 宽刻度指示更便于准确读数。

- Adjustable steel dial ring;
- Anti-dirty screw rises while lifting measuring spindle;
- With adjustable tolerance markers;
- With dial locking screw;
- Easy to read with wide graduation.

窄刻度Narrow Graduation

- 表圈转动圈为金属外圈;
- 量杆上部为随动于量杆的防尘帽;
- 带公差指示器;
- 带表圈紧固装置;
- 窄刻度读数。

- Adjustable steel dial ring;
- Anti-dirty screw rises while lifting measuring spindle;
- With adjustable tolerance markers;
- With dial locking screw;
- Narrow graduation.

技术参数
Technical Parameter

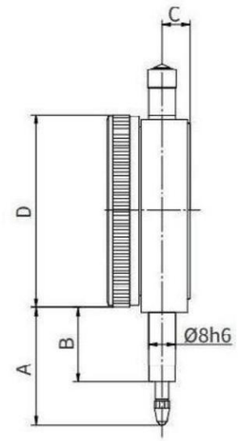
货号 Item No.	测量范围 Range(mm)	分度值 Grad. (mm)	A mm	B mm	C mm	D mm	精度(mm) Accuracy
551D-060	0-1	0.001	32.5	21	8	57	5μm
551D-060Z	0-1	0.001	32.5	21	8	57	5μm



宽刻度Wide Graduation



窄刻度Narrow Graduation



普通百分表
DIAL INDICATOR

HT-0248

功能与特性
Functions and Characters

- 机芯所有零部件采用优质不锈钢和铜材制造，使其具有较好的防腐蚀性能；
- 铜质轴承和钢质轮轴配合能有效降低轴承间的摩擦；
- 带表圈紧固装置，保证使用过程的读数可靠性；
- 带公差指示器；
- 桃形百分表主体；
- 防尘帽有开式、闭式两种形式可选。

- Inside structure is made of stainless steel and copper,that helps indicator to resist any corrosion;
- Combination of copper bearing and steel shaft reduces the friction;
- With dial locking screw;
- With adjustable tolerance marker;
- Peach shaped mechanical body;
- There are two types of anti-dirty screws,open type and closed type.

技术参数
Technical Parameter

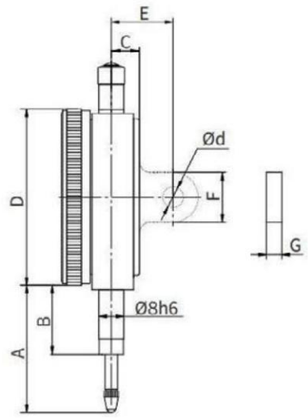
货号 Item No.	测量范围 Range(mm)	分度值 Grad. (mm)	A mm	B mm	C mm	D mm	E mm	F mm	d mm	G mm	精度(mm) Accuracy
511-060	0-3	0.01	41.5	21	8	57	19	18	6.5	5	14μm
511-061	0-5	0.01	41.5	21	8	57	19	18	6.5	5	16μm
511-063	0-10	0.01	41.5	21	8	57	19	18	6.5	5	20μm
515-060	0-3	0.01	41.5	21	8	57	19	18	6.5	5	14μm
515-061	0-5	0.01	41.5	21	8	57	19	18	6.5	5	16μm
515-063	0-10	0.01	41.5	21	8	57	19	18	6.5	5	20μm



开式 Open type



闭式Closed type



杠杆百分表
DIAL TEST INDICATOR

HT-0249

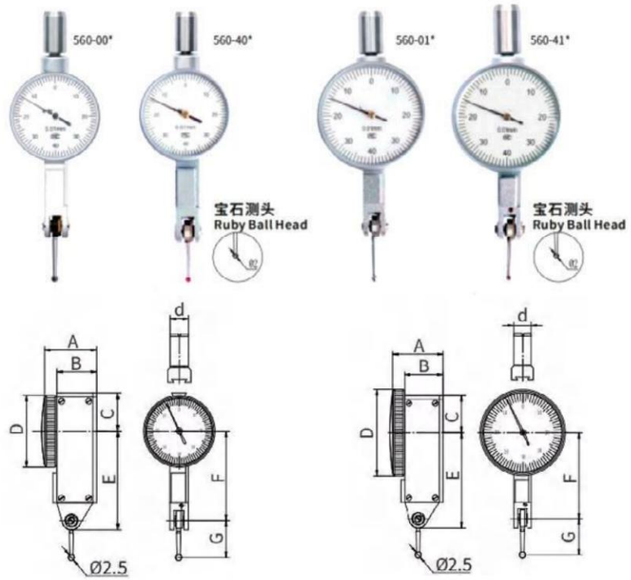
功能与特性
Functions and Characters

- 黄铜主体，抗磁性能高；
- 表圈转动圈为金属外圈；
- 宝石轴承，机芯防震；
- 测杆传动采用滚珠轴承结构；
- 三处燕尾槽；
- 宝石测头采用人造刚玉。

- Brass body,High diamagnetic;
- Adjustable steel dial ring;
- Jeweled bearing,shock proof;
- The measuring rod transmission adopts ball bearing construction;
- With three dovetail slots;
- The contact point is made of artificial corundum.

技术参数
Technical Parameter

货号 Item No.	测量范围 Range(mm)	分度值 Grad. (mm)	A mm	B mm	C mm	D mm	E mm	F mm	G mm	d mm	精度(mm) Accuracy
560-001	0-0.8	0.01	24	17.3	16.5	31	42.7	38.7	19	4/8	10μm
560-002	0-0.8	0.01	24	17.3	16.5	31	42.7	38.7	30	4/8	10μm
560-401	0-0.8	0.01	24	17.3	16.5	31	42.7	38.7	19	4/8	10μm
560-402	0-0.8	0.01	24	17.3	16.5	31	42.7	38.7	30	4/8	10μm
560-011	0-0.8	0.01	24	17.3	16.5	38.4	42.7	38.7	19	4/8	10μm
560-012	0-0.8	0.01	24	17.3	16.5	38.4	42.7	38.7	30	4/8	10μm
560-411	0-0.8	0.01	24	17.3	16.5	38.4	42.7	38.7	19	4/8	10μm
560-412	0-0.8	0.01	24	17.3	16.5	38.4	42.7	38.7	30	4/8	10μm



杠杆百分表Dial Test Indicator

大表盘杠杆百分表Large Dial Test Indicator

杠杆千分表
MICRON DIAL TEST INDICATOR

HT-0250

功能与特性
Functions and Characters

- 黄铜主体，抗磁性能高；
- 表圈转动圈为金属外圈；
- 宝石轴承，机芯防震；
- 测杆传动采用滚珠轴承结构；
- 三处燕尾槽；
- 宝石测头采用人造刚玉。

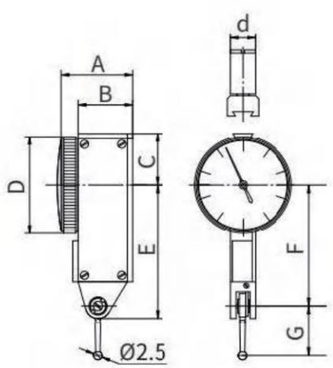
- Brass body,High diamagnetic;
- Adjustable steel dial ring;
- Jeweled bearing,shock proof;
- The measuring rod transmission adopts ball bearing construction;
- With three dovetail slots;
- The contact point is made of artificial corundum.

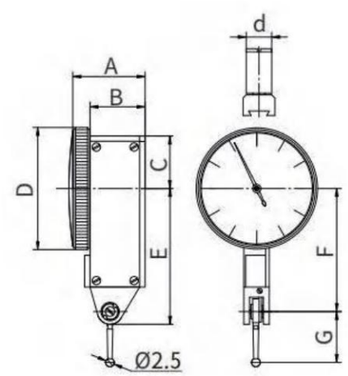
技术参数
Technical Parameter

货号 Item No.	测量范围 Range(mm)	分度值 Grad. (mm)	A mm	B mm	C mm	D mm	E mm	F mm	G mm	d mm	精度(mm) Accuracy
566-001	0-0.2	0.002	24	17.3	16.5	31	42.7	38.7	16	4/8	3μm
566-401	0-0.2	0.002	24	17.3	16.5	31	42.7	38.7	16	4/8	3μm
566-011	0-0.2	0.002	24	17.3	16.5	38.4	42.7	38.7	16	4/8	3μm
566-411	0-0.2	0.002	24	17.3	16.5	38.4	42.7	38.7	16	4/8	3μm









杠杆千分表Micron Dial Test Indicator　　大表盘杠杆千分表Large Micron Dial Test Indicator

内径百分表
DIAL BORE GAUGE

HT-0251

功能与特性
Functions and Characters

- 带可换测头，测量范围大；
- 配Ø57mm表圈普通百分表；
- 可根据客户要求改变L长度。

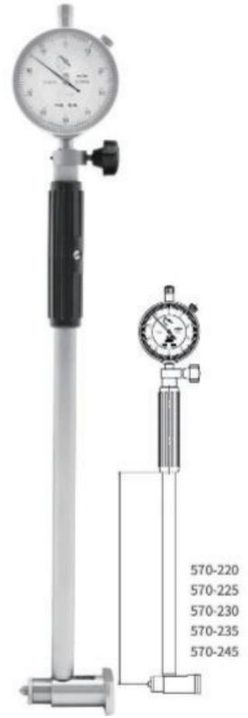
- Changeable anvils for wide measuring ranges;
- Equipped with a Ø57mm dial indicator;
- The length of L can be changed according to customer's.

技术参数
Technical Parameter

货号 Item No.	测量范围 Range(mm)	分度值 Grad. (mm)	L mm	精度(mm) Accuracy
570-210	Ø18-35	0.01	135	15μm
570-215	Ø35-50	0.01	150	15μm
570-220	Ø50-100	0.01	200	18μm
570-225	Ø50-160	0.01	200	18μm
570-230	Ø100-160	0.01	200	18μm
570-235	Ø160-250	0.01	200	18μm
570-245	Ø250-450	0.01	200	18μm







车刀刀片产品系列
Turning tool inserts series

车刀刀片系列
Turning tool inserts series

外圆车刀	内孔车刀	螺纹车刀	切槽断刀	CNC刀片
External turning tool	Internal hole turning tool	Thread turning tool	Grooving turning tools	CNC Blades
				
P259	P282	P287	P291	P303







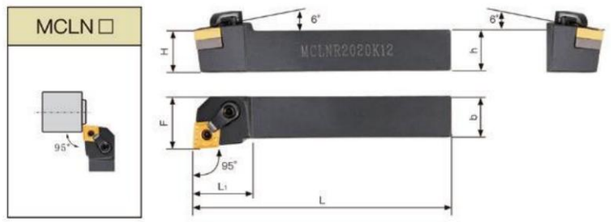
外圆车刀
EXTERNAL TURNING TOOLS

HT-0252

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L							
MCLNL1616H09	MCLNR1616H09	16	16	16	20	100	CN: 090308	MC0903	CTM513	L2	HL1813	ML0620	L3
MCLNL2020K09	MCLNR2020K09	20	20	20	25	125		MC0903	CTM513	L2	HL1813	ML0620	L3
MCLNL1616H12	MCLNR1616H12	16	16	16	20	100	CN: 120408	MC1204	CTM617	L3	HL1813	ML0625	L3
MCLNL2020K12	MCLNR2020K12	20	20	20	25	125		MC1204	CTM617	L3	HL1813	ML0625	L3
MCLNL2525M12	MCLNR2525M12	25	25	25	32	150		MC1204	CTM617	L3	HL1813	ML0625	L3
MCLNL3232P12	MCLNR3232P12	32	32	32	40	170		MC1204	CTM617	L3	HL1813	ML0625	L3
MCLNL4040R12	MCLNR4040R12	40	40	40	50	200		MC1204	CTM617	L3	HL1813	ML0625	L3
MCLNL2525M16	MCLNR2525M16	25	25	25	32	150	CN: 160612	MC1604	CTM822	L4	HL2217	ML0830	L4
MCLNL3232P16	MCLNR3232P16	32	32	32	40	170		MC1604	CTM822	L4	HL2217	ML0830	L4
MCLNL4040R16	MCLNR4040R16	40	40	40	50	200		MC1604	CTM822	L4	HL2217	ML0830	L4
MCLNL3232P19	MCLNR3232P19	32	32	32	40	170	CN: 190612	MC1904	CTM1022	L4	HL2217	ML0830	L4
MCLNL4040R19	MCLNR4040R19	40	40	40	50	200		MC1904	CTM1022	L4	HL2217	ML0830	L4

型号Order Number	尺寸Size(mm)						刀片 Insert	刀垫 Shim	刀垫螺丝 Screw	压板 Clamp	压板螺钉 Screw	扳手 Wrench	弹簧 Spring
	h	b	L	L1	H	f							
DCLNR/L1616H12	16	16	100	32	16	20	CN 1204	MC1204	D6X10	D5260	DM5X21	L3	GB98-7
DCLNR/L2020K12	20	20	125	32	20	25	CN 1204	MC1204	D6X10	D5260	DM5X21	L3	GB98-7
DCLNR/L2525M12	25	25	150	32	25	32	CN 1204	MC1204	D6X10	D5260	DM5X21	L3	GB98-7
DCLNR/L3232P12	32	25	170	32	32	40	CN 1204	MC1204	D6X10	D5260	DM5X21	L3	GB98-7



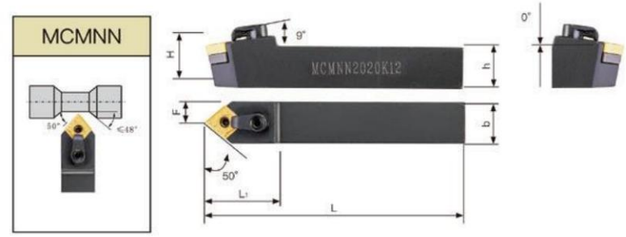
外圆车刀
EXTERNAL TURNING TOOLS

HT-0253

技术参数
Technical Parameter

型号Order Number	尺寸Size(mm)						刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
	h	b	H	F	L								
MCMNN2020K09	20	20	20	10	125	CN:090308	MC0903	CTM513	L2	HL1813	ML0620	L3	
MCMNN2525M09	25	25	25	12.5	150	CN:090308	MC0903	CTM513	L2	HL1813	ML0620	L3	
MCMNN3232P09	32	32	32	16	170	CN:090308	MC0903	CTM513	L2	HL1813	ML0620	L3	
MCMNN2020K12	20	20	20	10	125	CN:120408	MC1204	CTM617	L3	HL1813	ML0625	L3	
MCMNN2525M12	25	25	25	12.5	150	CN:120408	MC1204	CTM617	L3	HL1813	ML0625	L3	
MCMNN3232P12	32	32	32	16	170	CN:120408	MC1204	CTM617	L3	HL1813	ML0625	L3	
MCMNN2525M19	25	25	25	12.5	150	CN:160612	MC1604	CTM822	L4	HL2217	ML0830	L4	
MCMNN3232P16	32	32	32	16	170	CN:160612	MC1604	CTM822	L4	HL2217	ML0830	L4	
MCMNN2525M19	25	25	25	12.5	150	CN:190612	MC1904	CTM1022	L4	HL2217	ML0830	L4	
MCMNN3232P19	32	32	32	16	170	CN:190612	MC1904	CTM1022	L4	HL2217	ML0830	L4	
MCMNN4040R19	40	40	40	12	200	CN:190612	MC1904	CTM1022	L4	HL2217	ML0830	L4	

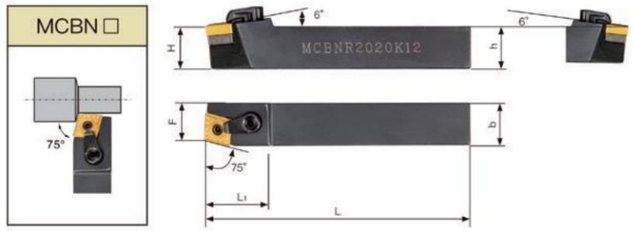
型号Order Number	尺寸Size(mm)						刀片 Insert	刀垫 Shim	刀垫螺丝 Screw	压板 Clamp	压板螺钉 Screw	扳手 Wrench	弹簧 Spring
	h	b	L	L1	H	f							
DCLNR/L2020K12	20	20	125	32	20	10	CN 1204	MC1204	D6X10	D5260	DM5X21	L3	GB98-7
DCLNR/L2525M12	25	25	150	32	25	12.5	CN 1204	MC1204	D6X10	D5260	DM5X21	L3	GB98-7
DCLNR/L3232P12	32	25	170	32	32	16	CN 1204	MC1204	D6X10	D5260	DM5X21	L3	GB98-7



技术参数
Technical Parameter

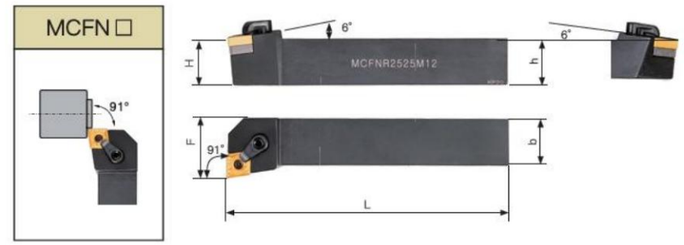
型号Order Number		尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L							
MCBNL2020K12	MCBNR2020K12	20	20	20	17	125	CN: 120408	MC1204	CTM617	L3	HL1813	ML0625	L3
MCBNL2525M12	MCBNR2525M12	25	25	25	22	150		MC1204	CTM617	L3	HL1813	ML0625	L3
MCBNL3232P12	MCBNR3232P12	32	32	32	27	170		MC1204	CTM617	L3	HL1813	ML0625	L3
MCBNL2525M16	MCBNR2525M16	25	25	25	22	150	CN: 160612	MC1604	CTM822	L3	HL2217	ML0830	L4
MCBNL3232P16	MCBNR3232P16	32	32	32	27	170		MC1604	CTM822	L3	HL2217	ML0830	L4

型号Order Number	尺寸Size(mm)						刀片 Insert	刀垫 Shim	刀垫螺丝 Screw	压板 Clamp	压板螺钉 Screw	扳手 Wrench	弹簧 Spring
	h	b	L	L1	H	f							
DCBNR/L2020K12	20	20	125	32	20	17	CN 1204	MC1204	D6X10	D5260	DM5X21	L3	GB98-7
DCBNR/L2525M12	25	25	150	32	25	22	CN 1204	MC1204	D6X10	D5260	DM5X21	L3	GB98-7
DCBNR/L3232P12	32	32	170	32	32	27	CN 1204	MC1204	D6X10	D5260	DM5X21	L3	GB98-7



技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L							
MCFNL2020K12	MCFNR2020K12	20	20	20	25	125	CN:120408	MC1204	CTM617	L3	HL1813	ML0625	L3
MCFNL2525M12	MCFNR2525M12	25	25	25	32	150	CN:120408	MC1204	CTM617	L3	HL1813	ML0625	L3
MCFNL3232P12	MCFNR3232P12	32	32	32	40	170	CN:120408	MC1204	CTM617	L3	HL1813	ML0625	L3
MCFNL3232P16	MCFNR3232P16	32	32	32	40	170	CN:160612	MC1604	CTM822	L3	HL2217	ML0830	L4
MCFNL3232P19	MCFNR3232P19	32	32	32	40	170	CN:190612	MC1904	CTM1022	L4	HL2217	ML0830	L4



型号Order Number		尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L							
MCGNL2020K12	MCGNR2020K12	20	20	20	25	125	CN:120408	MC1204	CTM617	L3	HL1813	ML0625	L3
MCGNL2525M12	MCGNR2525M12	25	25	25	32	150	CN:120408	MC1204	CTM617	L3	HL1813	ML0625	L3
MCGNL3232P12	MCGNR3232P12	32	32	32	40	170	CN:120408	MC1204	CTM617	L3	HL1813	ML0625	L3
MCGNL2525M16	MCGNR2525M16	25	25	25	32	150	CN:160612	MC1604	CTM822	L3	HL2217	ML0830	L4
MCGNL3232P16	MCFNR3232P16	32	32	32	40	170	CN:160612	MC1604	CTM822	L3	HL2217	ML0830	L4
MCGNL2525M19	MCGNR2525M19	25	25	25	32	150	CN:190612	MC1904	CTM1022	L4	HL2217	ML0830	L4
MCGNL3232P19	MCGNR3232P19	32	32	32	40	170	CN:190612	MC1904	CTM1022	L4	HL2217	ML0830	L4



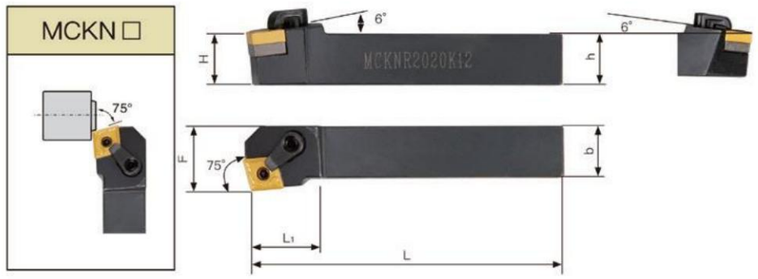
外圆车刀 EXTERNAL TURNING TOOLS

HT-0256

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L							
MCKNL2020K09	MCKNR2020K09	20	20	20	25	125	CN:090308	MC0903	CTM513	L2	HL1813	ML0625	L3
MCKNL2525M09	MCKNR2525M09	25	25	25	32	150	CN:090308	MC0903	CTM513	L2	HL1813	ML0625	L3
MCKNL2020K12	MCKNR2020K12	20	20	20	25	125	CN:120408	MC1204	CTM617	L3	HL1813	ML0625	L3
MCKNL2525M12	MCKNR2525M12	25	25	25	32	150	CN:120408	MC1204	CTM617	L3	HL1813	ML0625	L3
MCKNL3232P12	MCKNR3232P12	32	32	32	40	170	CN:120408	MC1204	CTM617	L3	HL1813	ML0625	L3
MCKNL4040R12	MCKNR4040R12	40	40	40	50	200	CN:120408	MC1204	CTM617	L3	HL1813	ML0625	L3
MCKNL2525M16	MCKNR2525M16	25	25	25	32	150	CN:160612	MC1604	CTM822	L3	HL2217	ML0830	L4
MCKNL3232P16	MCKNR3232P16	32	32	32	40	170	CN:160612	MC1604	CTM822	L3	HL2217	ML0830	L4
MCKNL4040R16	MCKNR4040R16	40	40	40	50	200	CN:160612	MC1604	CTM822	L3	HL2217	ML0830	L4
MCKNL3232P19	MCKNR3232P19	32	32	32	40	170	CN:190612	MC1904	CTM1022	L4	HL2217	ML0830	L4
MCKNL4040R19	MCKNR4040R19	40	40	40	50	200	CN:190612	MC1904	CTM1022	L4	HL2217	ML0830	L4

型号Order Number	尺寸Size(mm)						刀片 Insert	刀垫 Shim	刀垫螺丝 Screw	压板 Clamp	压板螺钉 Screw	扳手 Wrench	弹簧 Spring
	h	b	L	L1	H	f							
DCBNR/L2020K12	20	20	125	32	20	10	CN 1204	MC1204	D6X10	D5260	DM5X21	L3	GB98-7
DCBNR/L2525M12	25	25	150	32	25	12.5	CN 1204	MC1204	D6X10	D5260	DM5X21	L3	GB98-7
DCBNR/L3232P12	32	32	170	32	32	16	CN 1204	MC1204	D6X10	D5260	DM5X21	L3	GB98-7



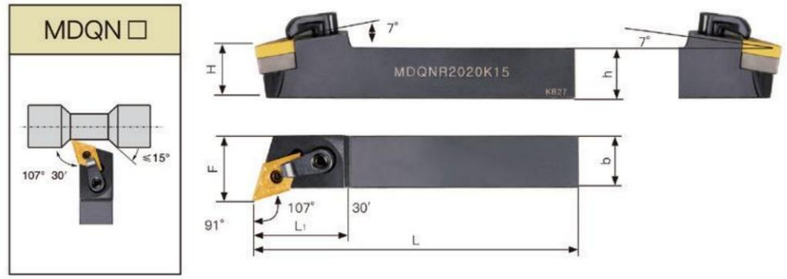
外圆车刀 EXTERNAL TURNING TOOLS

HT-0257

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L							
MDQNL1616H11	MDQNR1616H11	16	16	16	25	100	DN:110408	DD1103	CTM513	L2	HL1813	ML0625	L3
MDQNL2020K11	MDQNR2020K11	20	20	20	20	125	DN:110408	DD1103	CTM513	L2	HL1813	ML0625	L3
MDQNL2525M11	MDQNR2525M11	25	25	25	32	150	DN:110408	DD1103	CTM513	L2	HL1813	ML0625	L3
MDQNL2020K15	MDQNR2020K15	20	20	20	25	125			CTM619	L3	HL2113	ML0625	L3
MDQNL2525M15	MDQNR2525M15	25	25	25	32	150	DN:150408 DN:150608	DD1506 DD1504	CTM619	L3	HL2113	ML0625	L3
MDQNL3232P15	MDQNR3232P15	32	32	32	40	170			CTM619	L3	HL2113	ML0625	L3
MDQNL4040R15	MDQNR4040R15	40	40	40	50	200			CTM619	L3	HL2113	ML0625	L3

型号Order Number	尺寸Size(mm)						刀片 Insert	刀垫 Shim	刀垫螺丝 Screw	压板 Clamp	压板螺钉 Screw	扳手 Wrench	弹簧 Spring
	h	b	L	L1	H	f							
DDQNR/L2020K15	20	20	125	32	20	25			D6X10	D5260	DM5X21	L3	GB98-7
DDQNR/L2525M15	25	25	150	32	25	32	DN:150408 DN:150608	DD1506 DD1504	D6X10	D5260	DM5X21	L3	GB98-7
DDQNR/L3232P15	32	32	170	32	32	40			D6X10	D5260	DM5X21	L3	GB98-7



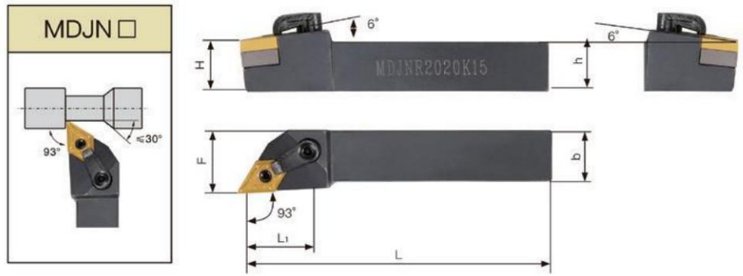
外圆车刀
EXTERNAL TURNING TOOLS

HT-0258

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L							
MDJNL1616H11	MDJNR1616H11	16	16	16	20	100	DN:110408	DD1103	CTM513	L2	HL2213	ML0625	L3
MDJNL2020K11	MDJNR2020K11	20	20	20	25	125	DN:110408	DD1103	CTM513	L2	HL2213	ML0625	L3
MDJNL2525M11	MDJNR2525M11	25	25	25	32	150	DN:110408	DD1103	CTM513	L2	HL2213	ML0625	L3
MDJNL3232P11	MDJNR3232P11	32	32	32	40	170	DN:110408	DD1103	CTM513	L2	HL2213	ML0625	L3
MDJNL4040R11	MDJNR4040R11	40	40	40	50	200	DN:110408	DD1103	CTM513	L2	HL2213	ML0625	L3
MDJNL2020K15	MDJNR2020K15	20	20	20	25	125			CTM619	L3	HL2213	ML0625	L3
MDJNL2525M15	MDJNR2525M15	25	25	25	32	150	DN:150608 DN:150408	DD1504 DD1506	CTM619	L3	HL2213	ML0625	L3
MDJNL3232P15	MDJNR3232P15	32	32	32	40	170			CTM619	L3	HL2213	ML0625	L3
MDJNL4040R15	MDJNR4040R15	40	40	40	50	200			CTM619	L3	HL2213	ML0625	L3

型号Order Number	尺寸Size(mm)						刀片 Insert	刀垫 Shim	刀垫螺丝 Screw	压板 Clamp	压板螺钉 Screw	扳手 Wrench	弹簧 Spring
	h	b	L	L1	H	f							
DDJNR/L1616H11	16	16	100	32	16	20	DN1104	DN1103	D5X9	D3230	M5X21	L3	GB98-7
DDJNR/L2020K11	20	20	125	32	20	25	DN1104	DN1103	D5X9	D3230	M5X21	L3	GB98-7
DDJNR/L2525K11	25	25	150	32	25	32	DN1104	DN1103	D5X9	D3230	M5X21	L3	GB98-7
DDJNR/L2020K15	32	32	170	32	32	40			D6X10	D5260	M5X21	L3	GB98-7
DDJNR/L2525M15	25	25	150	35	25	32	DN1504 DN1506	DD1506 DD1504	D6X10	D5260	M5X21	L3	GB98-7
DDJNR/L3232P15	32	32	170	35	32	40			D6X10	D5260	M5X21	L3	GB98-7



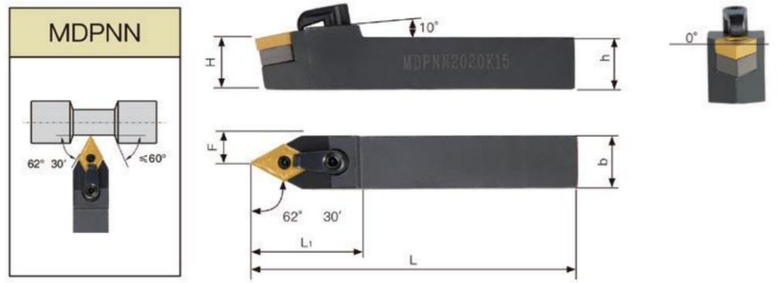
外圆车刀
EXTERNAL TURNING TOOLS

HT-0259

技术参数
Technical Parameter

型号Order Number	尺寸Size(mm)						刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
	h	b	H	F	L								
MDPNN1616H11	16	16	16	8	100	DN:110408	DD1103	CTM513	L2	HL2113	ML0625	L3	
MDPNN2020K11	20	20	20	10	125	DN:110408	DD1103	CTM513	L2	HL2113	ML0625	L3	
MDPNN2525M11	25	25	25	12.5	150	DN:110408	DD1103	CTM513	L2	HL2113	ML0625	L3	
MDPNN3232P11	32	32	32	16	170	DN:110408	DD1103	CTM513	L2	HL2113	ML0625	L3	
MDPNN4040R11	40	40	40	20	200	DN:110408	DD1103	CTM513	L2	HL2113	ML0625	L3	
MDPNN2525M15	25	25	25	12.5	150			CTM619	L3	HL2113	ML0625	L3	
MDPNN3232P15	32	32	32	16	170	DN:150408 DN:150608	DD1506 DD1504	CTM619	L3	HL2113	ML0625	L3	
MDPNN4040R15	40	40	40	20	200			CTM619	L3	HL2113	ML0625	L3	

型号Order Number	尺寸Size(mm)						刀片 Insert	刀垫 Shim	刀垫螺丝 Screw	压板 Clamp	压板螺钉 Screw	扳手 Wrench	弹簧 Spring
	h	b	L	L1	H	f							
DDPNN1616H11	16	16	100	32	16	8	DN1104	DN1103	D6X10	D3230	M5X21	L3	GB98-7
DDPNN2020K11	20	20	125	32	20	10	DN1104	DN1103	D6X10	D3230	M5X21	L3	GB98-7
DDPNN2525M11	25	25	150	32	25	12.5	DN1104	DN1103	D6X10	D3230	M5X21	L3	GB98-7
DDPNN2020K15	20	20	125	35	20	10			D6X10	D5260	M5X21	L3	GB98-7
DDPNN2525M15	25	25	150	35	25	12.5	DN1504 DN1506	DN1506 DN1504	D6X10	D5260	M5X21	L3	GB98-7
DDPNN3232P15	32	32	170	35	32	16			D6X10	D5260	M5X21	L3	GB98-7



外圆车刀
EXTERNAL TURNING TOOLS

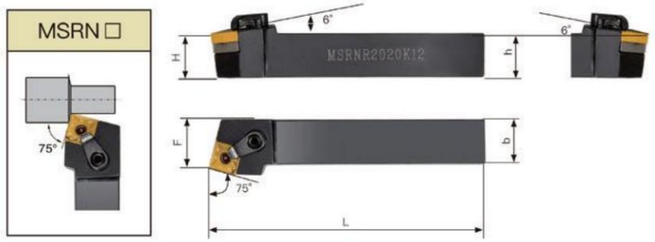
HT-0260

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L							
MDUNL1616H11	MDUNR1616H11	16	16	16	20	100	DN:110408	DD1103	CTM513	L2	HL1813	ML0625	L3
MDUNL2020K11	MDUNR2020K11	20	20	20	25	125	DN:110408	DD1103	CTM513	L2	HL1813	ML0625	L3
MDUNL2525M11	MDUNR2525M11	25	25	25	32	150	DN:110408	DD1103	CTM513	L2	HL1813	ML0625	L3
MDUNL3232P11	MDUNR3232P11	32	32	32	32	170	DN:110408	DD1103	CTM513	L2	HL1813	ML0625	L3
MDUNL2020K15	MDUNR2020K15	20	20	20	25	125			CTM619	L3	HL2113	ML0625	L3
MDUNL2525M15	MDUNR2525M15	20	20	20	32	150	DN:150608 DN:150408	DD1504 DD1506	CTM619	L3	HL2113	ML0625	L3
MDUNL3232P15	MDUNR3232P15	32	32	32	40	170			CTM619	L3	HL2113	ML0625	L3
MDUNL4040R15	MDUNR4040R15	40	40	40	50	200			CTM619	L3	HL2113	ML0625	L3



型号Order Number		尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L							
MSRNL2020K12	MSRNR2020K12	20	20	20	25	125	SN:120408	MS1204	CTM617	L3	HL1813	ML0625	L3
MSRNL2525M12	MSRNR2525M12	25	25	25	32	150	SN:120408	MS1204	CTM617	L3	HL1813	ML0625	L3
MSRNL3232P12	MSRNR3232P12	32	32	32	40	170	SN:120408	MS1204	CTM617	L3	HL1813	ML0625	L3



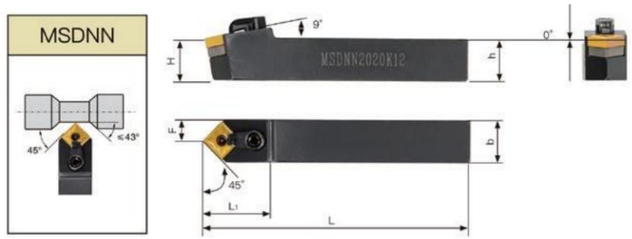
外圆车刀
EXTERNAL TURNING TOOLS

HT-0261

技术参数
Technical Parameter

型号Order Number	尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
	h	b	H	F	L							
MSDNN2020K12	20	20	20	10	125	SN:120408	MS1204	CTM617	L3	HL1813	ML0625	L3
MSDNN2525M12	25	25	25	12.5	150	SN:120408	MS1204	CTM617	L3	HL1813	ML0625	L3
MSDNN3232P12	32	32	32	16	170	SN:120408	MS1204	CTM617	L3	HL1813	ML0625	L3
MSDNN2525M15	25	25	25	12.5	150	SN:150612	MS1504	CTM822	L3	HL2217	ML0830	L4
MSDNN3232P15	32	32	32	16	170	SN:150612	MS1504	CTM822	L3	HL2217	ML0830	L4
MSDNN4040R15	40	40	40	20	200	SN:150612	MS1504	CTM822	L3	HL2217	ML0830	L4
MSDNN3232P19	32	25	32	16	170	SN:190612	MS1904	CTM1022	L4	HL2217	ML0830	L4
MSDNN4040R19	40	40	40	20	200	SN:190612	MS1904	CTM1022	L4	HL2217	ML0830	L4

型号Order Number	尺寸Size(mm)						刀片 Insert	刀垫 Shim	刀垫螺丝 Screw	压板 Clamp	压板螺钉 Screw	扳手 Wrench	弹簧 Spring
	h	b	L	L1	H	f							
DSDNN1616H12	16	16	100	34	16	8	SN 1204	MS 1204	D6X10	D5260	M5X21	L3	GB98-7
DSDNN2020K12	20	20	125	34	20	10	SN 1204	MS 1204	D6X10	D5260	M5X21	L3	GB98-7
DSDNN2525M12	25	25	150	34	25	12.5	SN 1204	MS 1204	D6X10	D5260	M5X21	L3	GB98-7
DSDNN3232P12	32	32	170	34	32	16	SN 1204	MS 1204	D6X10	D5260	M5X21	L3	GB98-7



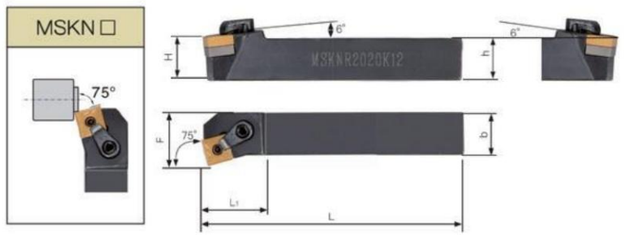
外圆车刀
EXTERNAL TURNING TOOLS

HT-0262

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L							
MSKNL1616H09	MSKNR1616H09	16	16	16	20	100	SN:090308	MS0903	CTM513	L2	HL1813	ML0620	L3
MSKNL2020K09	MSKNR2020K09	20	20	20	25	125	SN:090308	MS0903	CTM513	L2	HL1813	ML0620	L3
MSKNL1616H12	MSKNR1616H12	16	16	16	20	100	SN:120408	MS1204	CTM617	L3	HL1813	ML0625	L3
MSKNL2020K12	MSKNR2020K12	20	20	20	25	125	SN:120408	MS1204	CTM617	L3	HL1813	ML0625	L3
MSKNL2525M12	MSKNR2525M12	25	25	25	32	150	SN:120408	MS1204	CTM617	L3	HL1813	ML0625	L3
MSKNL3232P12	MSKNR3232P12	32	32	32	40	170	SN:120408	MS1204	CTM617	L3	HL1813	ML0625	L3
MSKNL2525M15	MSKNR2525M15	25	25	25	32	150	SN:150612	MS1504	CTM822	L3	HL2217	ML0830	L4
MSKNL3232P15	MSKNR3232P15	32	32	32	40	170	SN:150612	MS1504	CTM822	L3	HL2217	ML0830	L4
MSKNL3232P19	MSKNR3232P19	32	32	32	40	170	SN:190612	MS1904	CTM1022	L4	HL2217	ML0830	L4
MSKNL4040R19	MSKNR4040R19	40	40	40	50	200	SN:190612	MS1904	CTM1022	L4	HL2217	ML0830	L4

型号Order Number	尺寸Size(mm)						刀片 Insert	刀垫 Shim	刀垫螺钉 Screw	压板 Clamp	压板螺钉 Screw	扳手 Wrench	弹簧 Spring
	h	b	L	L1	H	f							
DSKNR/L2020K12	20	20	125	26	20	25	SN 1204	MS 1204	D6X10	D5260	M5X21	L3	GB98-7
DSKNR/L2525M12	25	25	150	26	25	32	SN 1204	MS 1204	D6X10	D5260	M5X21	L3	GB98-7
DSKNR/L3232P12	32	32	170	26	32	40	SN 1204	MS 1204	D6X10	D5260	M5X21	L3	GB98-7



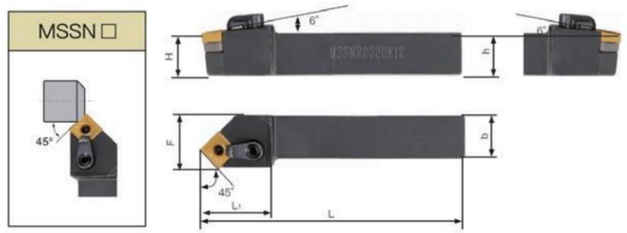
外圆车刀
EXTERNAL TURNING TOOLS

HT-0263

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L							
MSSNL1616H09	MSSNR1616H09	16	16	16	20	100	SN:090308	MS0903	CTM513	L2	HL1813	ML0620	L3
MSSNL2020K09	MSSNR2020K09	20	20	20	25	125	SN:090308	MS0903	CTM513	L2	HL1813	ML0620	L3
MSSNL1616H12	MSSNR1616H12	16	16	16	20	100	SN:120408	MS1204	CTM617	L3	HL1813	ML0625	L3
MSSNL2020K12	MSSNR2020K12	20	20	20	25	125	SN:120408	MS1204	CTM617	L3	HL1813	ML0625	L3
MSSNL2525M12	MSSNR2525M12	25	25	25	32	150	SN:120408	MS1204	CTM617	L3	HL1813	ML0625	L3
MSSNL3232P12	MSSNR3232P12	32	32	32	40	170	SN:120408	MS1204	CTM617	L3	HL1813	ML0625	L3
MSSNL2525M15	MSSNR2525M15	25	25	25	32	150	SN:150612	MS1504	CTM822	L3	HL2217	ML0830	L4
MSSNL3232P15	MSSNR3232P15	32	32	32	40	170	SN:150612	MS1504	CTM822	L3	HL2217	ML0830	L4
MSSNL4040R15	MSSNR4040R15	40	40	40	50	200	SN:150612	MS1504	CTM822	L3	HL2217	ML0830	L4
MSSNL3232P19	MSSNR3232P19	32	32	32	40	170	SN:190612	MS1904	CTM1022	L4	HL2217	ML0830	L4
MSSNL4040R19	MSSNR4040R19	40	40	40	50	200	SN:190612	MS1904	CTM1022	L4	HL2217	ML0830	L4

型号Order Number	尺寸Size(mm)						刀片 Insert	刀垫 Shim	刀垫螺丝 Screw	压板 Clamp	压板螺钉 Screw	扳手 Wrench	弹簧 Spring
	h	b	L	L1	H	f							
DSSNR/L2020K12	20	20	125	26	20	25	SN 1204	MS 1204	D6X10	D5260	M5X21	L3	GB98-7
DSSNR/L2525M12	25	25	150	26	25	32	SN 1204	MS 1204	D6X10	D5260	M5X21	L3	GB98-7
DSSNR/L3232P12	32	32	170	26	32	40	SN 1204	MS 1204	D6X10	D5260	M5X21	L3	GB98-7



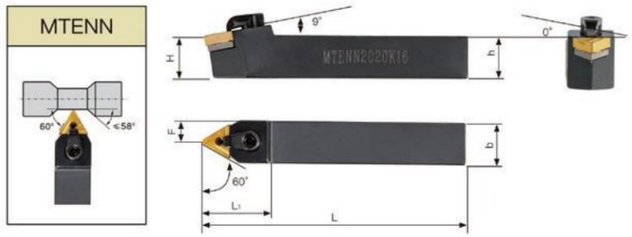
外圆车刀
EXTERNAL TURNING TOOLS

HT-0264

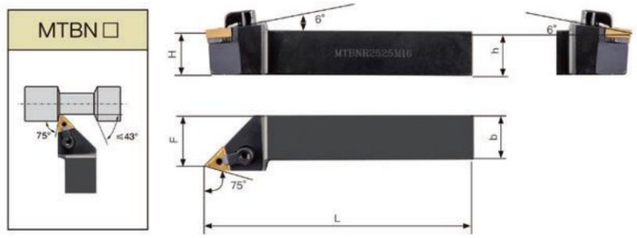
技术参数
Technical Parameter

型号Order Number	尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
	h	b	H	F	L							
MTENN1616H16	16	16	16	8	100	TN:160408	MT1603	CTM513	L2	HL1813	ML0625	L3
MTENN2020K16	25	25	25	10	125	TN:160408	MT1603	CTM513	L2	HL1813	ML0625	L3
MTENN2525M16	25	25	25	12.5	150	TN:160408	MT1603	CTM513	L2	HL1813	ML0625	L3
MTENN2525M22	25	25	25	12.5	150	TN:220408	MT2204	CTM617	L3	HL1917	ML0830	L4
MTENN3232P22	40	40	40	26	170	TN:220408	MT2204	CTM617	L3	HL1917	ML0830	L4

型号Order Number	尺寸Size(mm)						刀片 Insert	刀垫 Shim	杠销 Lock pin	压板 Clamp	压板螺钉 Screw	扳手 Wrench	卡簧 Spring
	h	b	L	L1	H	f							
WTENN2020K16	20	20	125	35	20	10	TN 1604	MT1603	CTM515-T	HLT-16	M5X25	L2.5/L4.0	X
WTENN2525M16	25	25	150	35	25	12.5	TN 1604	MT1603	CTM515-T	HLT-16	M5X25	L2.5/L4.0	X
WTENN3232P16	32	32	170	35	32	16	TN 1604	MT1603	CTM515-T	HLT-16	M5X25	L2.5/L4.0	X



型号Order Number		尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L							
MTBNL2020K16	MTBNR2020K16	20	20	20	22	125	TN:160408	MT1603	CTM513	L2	HL1813	ML0625	L3
MTBNL2525M16	MTBNR2525M16	25	25	25	27	150	TN:160408	MT1603	CTM513	L2	HL1813	ML0625	L3



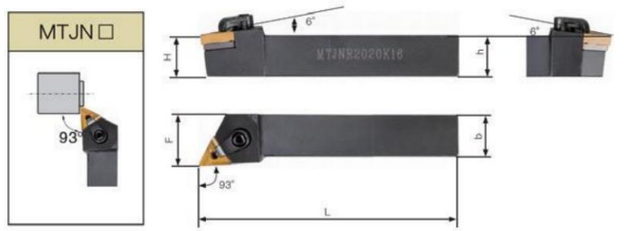
外圆车刀
EXTERNAL TURNING TOOLS

HT-0265

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L							
MTJNL1616H16	MTJNR1616H16	16	16	16	20	100	TN:160408	MT1603	CTM513	L2	HL1813	ML0625	L3
MTJNL2020K16	MTJNR2020K16	20	20	20	25	125	TN:160408	MT1603	CTM513	L2	HL1813	ML0625	L3
MTJNL2525M16	MTJNR2525M16	25	25	25	32	150	TN:160408	MT1603	CTM513	L2	HL1813	ML0625	L3
MTJNL3232P16	MTJNR3232P16	32	32	32	32	170	TN:160408	MT1603	CTM513	L2	HL1813	ML0625	L3
MTJNL2020K22	MTJNR2020K22	20	20	20	25	125	TN:220408	MT2204	CTM617	L3	HL1917	ML0830	L4
MTJNL2525M22	MTJNR2525M22	25	25	25	32	150	TN:220408	MT2204	CTM617	L3	HL1917	ML0830	L4
MTJNL3232P22	MTJNR3225P22	32	25	32	32	170	TN:220408	MT2204	CTM617	L3	HL1917	ML0830	L4
MTJNL3232P22	MTJNR3232P22	32	25	32	40	170	TN:220408	MT2204	CTM617	L3	HL1917	ML0830	L4

型号Order Number	尺寸Size(mm)						刀片 Insert	刀垫 Shim	杠销 Lock pin	压板 Clamp	压板螺钉 Screw	扳手 Wrench	卡簧 Spring
	h	b	L	L1	H	f							
WTJNR/L1616H16	16	16	100	28	16	20	TN 1604	MT1603	CTM515-T	HLT-16	M5X25	L2.5/L4.0	X
WTJNR/L2020K16	20	20	125	28	20	25	TN 1604	MT1603	CTM515-T	HLT-16	M5X25	L2.5/L4.0	X
WTJNR/L2525M16	25	25	150	28	25	32	TN 1604	MT1603	CTM515-T	HLT-16	M5X25	L2.5/L4.0	X
WTJNR/L3232P16	32	32	170	28	32	40	TN 1604	MT1603	CTM515-T	HLT-16	M5X25	L2.5/L4.0	X

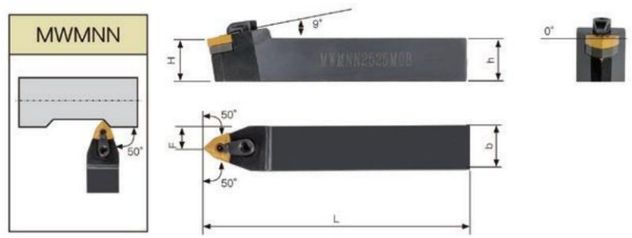


外圆车刀
EXTERNAL TURNING TOOLS

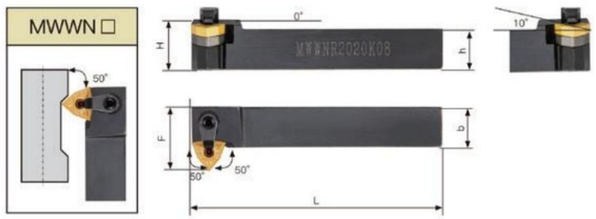
HT-0266

技术参数
Technical Parameter

型号Order Number	尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
	h	b	H	F	L							
MWMNN1616H08	16	16	16	8	100	WN:080404	MW0804	CTM617	L3	HL1813	ML0625	L3
MWMNN2020K08	20	20	20	10	125	WN:080404	MW0804	CTM617	L3	HL1813	ML0625	L3
MWMNN2525M08	25	25	25	12.5	150	WN:080404	MW0804	CTM617	L3	HL1813	ML0625	L3



型号Order Number		尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L							
MWWNL1616K08	MWWNR1616K08	16	16	16	20	125	WN:080404	MW0804	CTM617	L3	HL1813	ML0625	L3
MWWNL2020K08	MWWNR2020K08	20	20	20	32	125	WN:080404	MW0804	CTM617	L3	HL1813	ML0625	L3
MWWNL2525M08	MWWNR2525M08	25	25	25	38	150	WN:080404	MW0804	CTM617	L3	HL1813	ML0625	L3
MWWNL3232M08	MWWNR3232M08	32	32	32	40	170	WN:080404	MW0804	CTM617	L3	HL1813	ML0625	L3



外圆车刀
EXTERNAL TURNING TOOLS

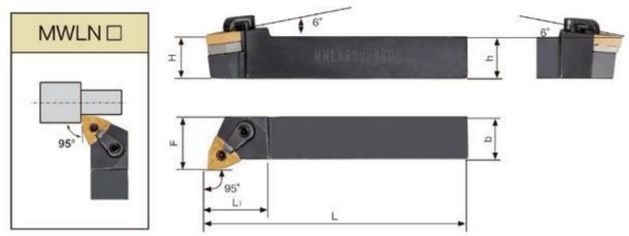
HT-0267

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)						刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L								
MWLNL1616H06	MWLNR1616H06	16	16	16	20	100	WN:060404	MW0603	CTM513	L2	HL1813	ML0625	L3	
MWLNL2020K06	MWLNR2020K06	20	20	20	25	125	WN:060404	MW0603	CTM513	L2	HL1813	ML0625	L3	
MWLNL2525M06	MWLNR2525M06	25	25	25	32	150	WN:060404	MW0603	CTM513	L2	HL1813	ML0625	L3	
MWLNL2020K08	MWLNR2020K08	20	20	20	25	125	WN:080408	MW0804	CTM617	L3	HL1813	ML0625	L3	
MWLNL2525M08	MWLNR2525M08	25	25	25	32	150	WN:080408	MW0804	CTM617	L3	HL1813	ML0625	L3	
MWLNL3232P08	MWLNR3232P08	32	32	32	40	170	WN:080408	MW0804	CTM617	L3	HL1813	ML0625	L3	
MWLNL4040R08	MWLNR4040R08	40	40	40	50	200	WN:080408	MW0804	CTM617	L3	HL1813	ML0625	L3	

型号Order Number	尺寸Size(mm)						刀片 Insert	刀垫 Shim	刀垫螺丝 Screw	压板 Clamp	压板螺钉 Screw	扳手 Wrench	弹簧 Spring
	h	b	L	L1	H	F							
DWLNR/L2020K08	16	16	125	32	20	25	WN 0804	MW0804	D6X10	D5260	DM5X21	L3	GB98-7
DWLNR/L2525M08	20	20	150	32	25	32	WN 0804	MW0804	D6X10	D5260	DM5X21	L3	GB98-7
DWLNR/L3232P08	25	25	170	32	32	40	WN 0804	MW0804	D6X10	D5260	DM5X21	L3	GB98-7

型号Order Number	尺寸Size(mm)						刀片 Insert	刀垫 Shim	杠销 Lock pin	压板 Clamp	压板螺钉 Screw	扳手 Wrench	卡簧 Spring
	h	b	L	L1	H	F							
WWLNR/L2020K08	20	20	125	32	20	25	WN 0804	MW0804	CTM618-W	HLW-08	M5X25	L2.5/L4.0	X
WWLNR/L2525M08	25	25	150	32	25	32	WN 0804	MW0804	CTM618-W	HLW-08	M5X25	L2.5/L4.0	X
WWLNR/L3232P08	32	32	170	32	32	40	WN 0804	MW0804	CTM618-W	HLW-08	M5X25	L2.5/L4.0	X

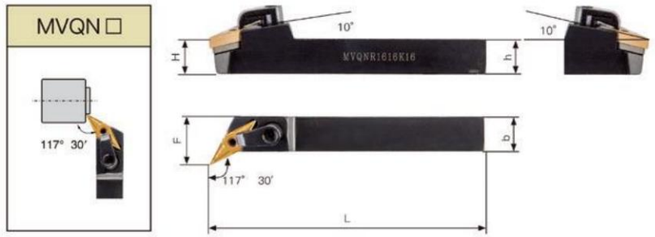


外圆车刀
EXTERNAL TURNING TOOLS

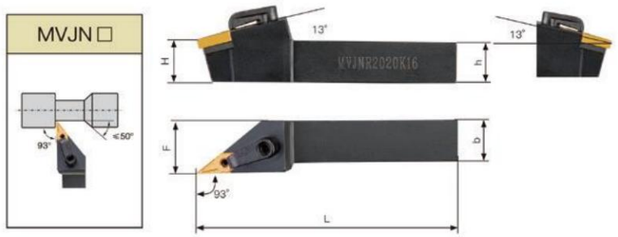
HT-0268

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L							
MVQNL1616K16	MVQNR1616K16	20	20	20	22	125	VN:160408	MV1603	CTM513	L2	HL2113	ML0625	L3
MVQNL2020K16	MVQNR2020K16	20	20	20	25	125	VN:160408	MV1603	CTM513	L2	HL2113	ML0625	L3
MVQNL2525M16	MVQNR2525M16	25	25	25	32	150	VN:160408	MV1603	CTM513	L2	HL2113	ML0625	L3
MVQNL3232P16	MVQNR3232P16	32	32	32	40	170	VN:160408	MV1603	CTM513	L2	HL2113	ML0625	L3
MVQNL4040R16	MVQNR4040R16	40	40	40	50	200	VN:160408	MV1603	CTM513	L2	HL2113	ML0625	L3



型号Order Number		尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L							
MVJNL1616K16	MVJNR1616K16	16	16	16	20	100	VN:160408	MV1603	CTM513	L2	HL2413	ML0625	L3
MVJNL2020K16	MVJNR2020K16	20	20	20	25	125	VN:160408	MV1603	CTM513	L2	HL2413	ML0625	L3
MVJNL2525M16	MVJNR2525M16	25	25	25	32	150	VN:160408	MV1603	CTM513	L2	HL2413	ML0625	L3
MVJNL3232P16	MVJNR3232P16	32	32	32	40	170	VN:160408	MV1603	CTM513	L2	HL2413	ML0625	L3
MVJNL4040R16	MVJNR4040R16	40	40	40	50	200	VN:160408	MV1603	CTM513	L2	HL2413	ML0625	L3

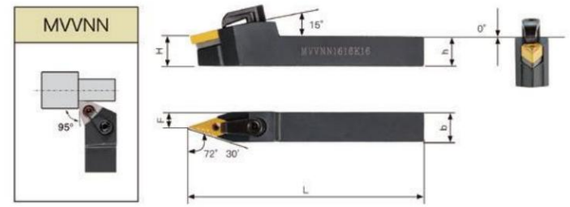


外圆车刀
EXTERNAL TURNING TOOLS

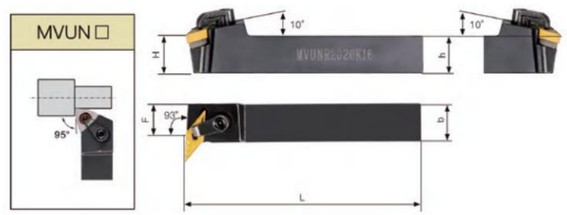
HT-0269

技术参数
Technical Parameter

型号Order Number	尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
	h	b	H	F	L							
MVVNN2020K16	20	20	20	10	125	VN:160408	MV1603	CTM513	L2	HL2413	ML0625	L3
MVVNN2525M16	25	25	25	12.5	150	VN:160408	MV1603	CTM513	L2	HL2413	ML0625	L3
MVVNN3225P16	32	25	32	12.5	170	VN:160408	MV1603	CTM513	L2	HL2413	ML0625	L3
MVVNN3232P16	32	32	32	16	170	VN:160408	MV1603	CTM513	L2	HL2413	ML0625	L3
MVVNN4040R16	40	40	40	20	200	VN:160408	MV1603	CTM513	L2	HL2413	ML0625	L3



型号Order Number		尺寸Size(mm)					刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L							
MVUNL1616K16	MVUNR1616K16	16	16	16	30	125	VN:160408	MV1603	CTM513	L2	HL2113	ML0625	L3
MVUNL2020K16	MVUNR2020K16	20	20	20	30	125	VN:160408	MV1603	CTM513	L2	HL2113	ML0625	L3
MVUNL2525M16	MVUNR2525M16	25	25	25	32	150	VN:160408	MV1603	CTM513	L2	HL2113	ML0625	L3
MVUNL3232P16	MVUNR3232P16	32	32	32	40	70	VN:160408	MV1603	CTM513	L2	HL2113	ML0625	L3
MVUNL4040R16	MVUNR4040R16	40	40	40	50	200	VN:160408	MV1603	CTM513	L2	HL2113	ML0625	L3



螺钉式
SCREW-TYPE TURNING TOOL

HT-0270

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)					刀片 Insert	螺丝 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L			
SCBCL1010H06	SCBCR1010H06	10	10	10	9	100	CC:060204	M2.5X6	T8
SCBCL1212H06	SCBCR1212H06	12	12	12	11	100	CC:060204	M2.5X6	T8
SCBCL1212H09	SCBCR1212H09	12	12	12	11	100	CC:09T308	M4X10	T15
SCBCL1616H09	SCBCR1616H09	16	16	16	13	100	CC:09T308	M4X10	T15
SCBCL2020K09	SCBCR2020K09	20	20	20	17	125	CC:09T308	M4X10	T15
SCBCL2525M09	SCBCR2525M09	25	25	25	22	150	CC:09T308	M4X10	T15
SCBCL2020K12	SCBCR2020K12	20	20	20	17	125	CC:120408	M5X12	T20
SCBCL2525M12	SCBCR2525M12	25	25	25	22	150	CC:120408	M5X12	T20



型号Order Number		尺寸Size(mm)					刀片 Insert	螺丝 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L			
SCGCL1010H06	SCGCR1010H06	10	10	10	12	100	CC:060204	M2.5X6	T8
SCGCL1212H06	SCGCR1212H06	12	12	12	16	100	CC:060204	M2.5X6	T8
SCGCL1212H09	SCGCR1212H09	12	12	12	16	100	CC:09T308	M4X10	T15
SCGCL1616H09	SCGCR1616H09	16	16	16	20	100	CC:09T308	M4X10	T15
SCGCL2020K09	SCGCR2020K09	20	20	20	25	125	CC:09T308	M4X10	T15
SCGCL2525M09	SCGCR2525M09	25	25	25	32	150	CC:09T308	M4X10	T15
SCGCL2525M12	SCGCR2525M12	25	25	25	32	150	CC:120408	M5X12	T20

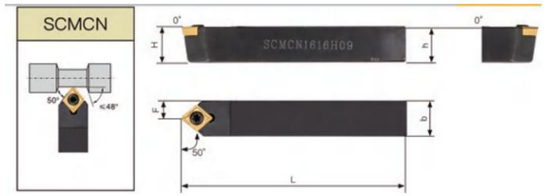


螺钉式
SCREW-TYPE TURNING TOOL

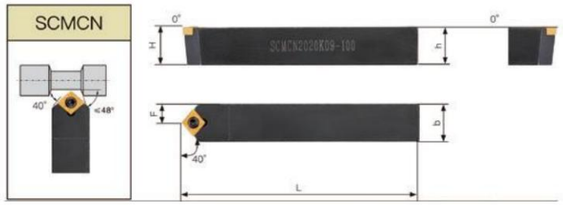
HT-0271

技术参数
Technical Parameter

型号Order Number	尺寸Size(mm)					刀片 Insert	螺丝 Screw	扳手 Wrench
	h	b	H	F	L			
SCMCN1010H06	10	10	10	5	100	CC:060204	M2.5X6	T8
SCMCN1212H06	12	12	12	6	100	CC:060204	M2.5X6	T8
SCMCN1212H09	12	12	12	6	100	CC:09T308	M4X10	T15
SCMCN1616H09	16	16	16	8	100	CC:09T308	M4X10	T15
SCMCN2020K09	20	20	20	10	125	CC:09T308	M4X10	T15
SCMCN2525M09	25	25	25	25	150	CC:09T308	M4X10	T15
SCMCN2020K12	20	20	20	10	125	CC:120408	M5X12	T20
SCMCN2525M12	25	25	25	25	150	CC:120408	M5X12	T20



型号Order Number	尺寸Size(mm)					刀片 Insert	螺丝 Screw	扳手 Wrench
	h	b	H	F	L			
SCMCN1010H06-100	10	10	10	5	100	CC:060204	M2.5X6	T8
SCMCN1212H06-100	12	12	12	6	100	CC:060204	M2.5X6	T8
SCMCN1212H09-100	12	12	12	6	100	CC:09T308	M4X10	T15
SCMCN1616H09-100	16	16	16	8	100	CC:09T308	M4X10	T15
SCMCN2020K09-100	20	20	20	10	125	CC:09T308	M4X10	T15
SCMCN2525M09-100	25	25	25	25	150	CC:09T308	M4X10	T15
SCMCN2020K12-100	20	20	20	10	125	CC:120408	M5X12	T20
SCMCN2525M12-100	25	25	25	25	150	CC:120408	M5X12	T20



螺钉式
SCREW-TYPE TURNING TOOL

HT-0272

技术参数
Technical Parameter

型号Order Number	尺寸Size(mm)					刀片 Insert	螺丝Screw RC	螺丝Screw RP	扳手 Wrench
	h	b	H	F	L				
SRD□N1010H05	10	10	10	5	100		M2.2X6		T6/T8
SRD□N1212H05	12	12	12	6	100		M2.2X6		T6/T8
SRD□N1616H05	16	16	16	8	100	RC 0502MO	M2.2X6		T6/T8
SRD□N2020K05	20	20	20	10	125	RP 0502MO	M2.2X6		T6/T8
SRD□N2525M05	25	25	25	12.5	150		M2.2X6		T6/T8
SRD□N3232P05	32	32	32	16	170		M2.2X6		T6/T8
SRD□N1010H06	10	10	10	5	100		M2.5X6	M2.5X6	T8
SRD□N1212H06	12	12	12	6	100		M2.5X6	M2.5X6	T8
SRD□N1616H06	16	16	16	8	100	RC 0602MO	M2.5X6	M2.5X6	T8
SRD□N2020K06	20	20	20	10	125	RP 0602MO	M2.5X6	M2.5X6	T8
SRD□N2525M06	25	25	25	12.5	150		M2.5X6	M2.5X6	T8
SRD□N3232P06	32	32	32	16	170		M2.5X6	M2.5X6	T8
SRD□N1010H08	10	10	10	5	100		M3X8	M3X8	T10
SRD□N1212H08	12	12	12	6	100		M3X8	M3X8	T10
SRD□N1616H08	16	16	16	8	100	RC 0803MO	M3X8	M3X8	T10
SRD□N2020K08	20	20	20	10	125	RP 08T2MO	M3X8	M3X8	T10
SRD□N2525M08	25	25	25	12.5	150		M3X8	M3X8	T10
SRD□N3232P08	32	32	32	16	170		M3X8	M3X8	T10
SRD□N1010H10	10	10	10	5	100		M3X8	M3.5X10	T10/T15
SRD□N1212H10	12	12	12	6	100		M3X8	M3.5X10	T10/T15
SRD□N1616H10	16	16	16	8	100	RC 1003MO	M3X8	M3.5X10	T10/T15
SRD□N2020K10	20	20	20	10	125	RP 1003MO	M3X8	M3.5X10	T10/T15
SRD□N2525M10	25	25	25	12.5	150		M3X8	M3.5X10	T10/T15
SRD□N3232P10	32	32	32	16	170		M3X8	M3.5X10	T10/T15
SRD□N1212H12	12	12	12	6	100		M4X12	M4X12	T15
SRD□N1616H12	16	16	16	8	100	RC 1204MO	M4X12	M4X12	T15
SRD□N2020K12	20	20	20	10	125	RP 1204MO	M4X12	M4X12	T15
SRD□N2525M12	25	25	25	12.5	150		M4X12	M4X12	T15
SRD□N3232P12	32	32	32	16	170		M4X12	M4X12	T15



螺钉式
SCREW-TYPE TURNING TOOL

HT-0273

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)					刀片 Insert	螺丝 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L			
SCLCL0808H06	SCLCR0808H06	8	8	8	10	100	CC:060204	M2.5X6	T8
SCLCL1010H06	SCLCR1010H06	10	10	10	12	100	CC:060204	M2.5X6	T8
SCLCL1212H06	SCLCR1212H06	12	12	12	16	100	CC:060204	M2.5X6	T8
SCLCL1616H06	SCLCR1616H06	16	16	16	20	100	CC:060204	M2.5X6	T8
SCLCL1212H09	SCLCR1212H09	12	12	12	16	100	CC:09T308	M4X10	T15
SCLCL1616H09	SCLCR1616H09	16	16	16	20	100	CC:09T308	M4X10	T15
SCLCL2020K09	SCLCR2020K09	20	20	20	25	125	CC:09T308	M4X10	T15
SCLCL2525M09	SCLCR2525M09	25	25	25	32	150	CC:09T308	M4X10	T15
SCLCL2020K12	SCLCR2020K12	20	20	20	25	125	CC:120408	M5X12	T20
SCLCL2525M12	SCLCR2525M12	25	25	25	32	150	CC:120408	M5X12	T20
SCLCL3232P12	SCLCR3232P12	32	32	32	40	170	CC:120408	M5X12	T20

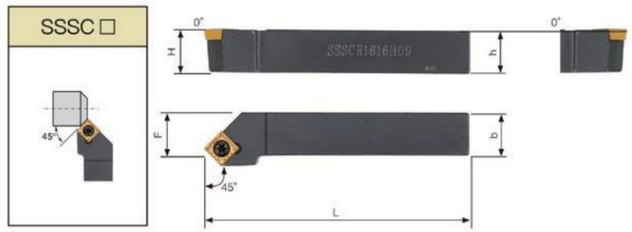


螺钉式
SCREW-TYPE TURNING TOOL

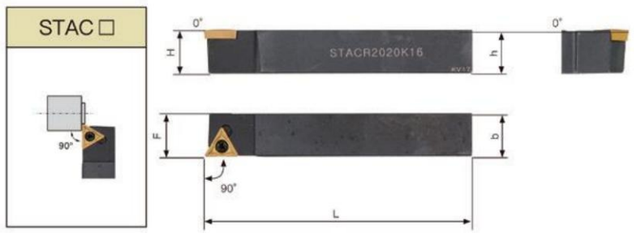
HT-0274

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)					刀片 Insert	螺丝 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L			
SSSCL1212H09	SSSCR1212H09	12	12	12	16	100	CC:09T308	M4X10	T15
SSSCL1616H09	SSSCR1616H09	16	16	16	20	100	CC:09T308	M4X10	T15
SSSCL2020K09	SSSCR2020K09	20	20	20	25	125	CC:09T308	M4X10	T15
SSSCL2525M09	SSSCR2525M09	25	25	25	32	150	CC:09T308	M4X10	T15
SSSCL2020K12	SSSCR2020K12	20	20	20	25	125	CC:120408	M5X12	T20
SSSCL2525M12	SSSCR2525M12	25	25	25	32	150	CC:120408	M5X12	T20



型号Order Number		尺寸Size(mm)					刀片 Insert	螺丝 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	H	F	L			
STACL1616H11	STACR1616H11	16	16	16	20	100	TC:110204	M2.5X6	T07
STACL1616H16	STACR1616H16	16	16	16	20	100	TC:16T308	M4X10	T15
STACL2020K16	STACR2020K16	20	20	20	25	125	TC:16T308	M4X10	T15



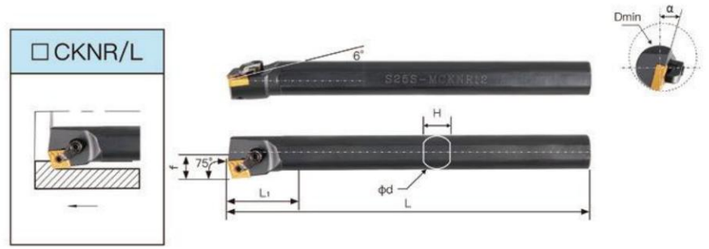
内孔车刀
INNER HOLE TURNING TOOLS

HT-0275

技术参数
Technical Parameter

刀片外形Inserts Shape		尺寸Size(mm)							刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	ϕDmin	ϕd	L	L1	H	f	a°							
S20R-MCKNL12	S20R-MCKNR12	26	20	200	45	18.6	14	15°	CN□□ 1204□□	X	CTM613	L3	HL1810	ML0620	L3
S25S-MCKNL12	S25S-MCKNR12	32	25	250	45	23	16.5	12°		X	CTM613	L3	HL1810	ML0620	L3
S32T-MCKNL12	S32T-MCKNR12	40	32	300	50	30	22.5	17°		MC1204	CTM617	L3	HL1813	ML0625	L3
S40T-MCKNL12	S40T-MCKNR12	40	32	300	50	37	26	17°		MC1204	CTM617	L3	HL1813	ML0625	L3
S50V-MCKNL12	S50V-MCKNR12	60	50	400	60	47	32	15°		MC1204	CTM617	L3	HL1813	ML0625	L3

型号Order Number	尺寸Size(mm)							刀片 Insert	刀垫 Shim	刀垫螺丝 Screw	压板 Clamp	压板螺钉 Screw	弹簧 Spring	扳手 Wrench
	ϕDmin	ϕd	L	L1	H	f	a°							
S20R-DCKNR/L12	26	20	200	45	18.6	18	15°	CN□□ 1204□□	X	X	D5260	HL1813	GB98-7	L3
S25S-DCKNR/L12	32	25	250	45	23	16.5	12°		X	X	D5260	HL1813	GB98-7	L3
S32T-DCKNR/L12	40	32	300	50	30	22.5	17°		MC1204	D6X10	D5260	HL1813	GB98-7	L3
S40T-DCKNR/L12	50	40	300	55	37	26	15°		MC1204	D6X10	D5260	HL1813	GB98-7	L3
S50T-DCKNR/L12	60	50	350	70	47	33	12°		MC1204	D6X10	D5260	HL1813	GB98-7	L3



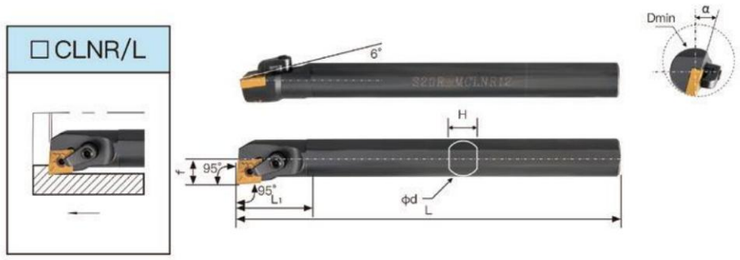
内孔车刀 INNER HOLE TURNING TOOLS

HT-0276

技术参数 Technical Parameter

型号Order Number		尺寸Size(mm)							刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	ϕDmin	ϕd	L	L1	H	f	a°							
S16Q-MCLNL12	S16Q-MCLNR12	19	16	180	40	14.8	10.5	15°		X	CTM613	L3	HL1511	ML0520	L2.5
S20R-MCLNL12	S20R-MCLNR12	25	20	200	45	18.6	13	15°		X	CTM613	L3	HL1810	ML0620	L3
S25S-MCLNL12	S25S-MCLNR12	32	25	250	45	23	16.5	12°		X	CTM613	L3	HL1810	ML0620	L3
S32T-MCLNL12	S32T-MCLNR12	40	32	300	50	30	22.5	17°	CN□□ 1204□□	MC1204	CTM617	L3	HL1813	ML0625	L3
S40T-MCLNL12	S40T-MCLNR12	50	40	300	55	37	26	15°		MC1204	CTM617	L3	HL1813	ML0625	L3
S50V-MCLNL12	S50V-MCLNR12	62	50	400	60	47	32	15°		MC1204	CTM617	L3	HL1813	ML0625	L3
S40T-MCLNL16	S40T-MCLNR16	50	40	300	55	37	26	15°	CN□□ 1606□□	MC1604	CTM822	L3	HL2217	ML0830	L4.0
S50V-MCLNL16	S50V-MCLNR16	62	50	400	60	47	32	15°		MC1604	CTM822	L3	HL2217	ML0830	L4.0
S50V-MCLNL19	S50V-MCLNR19	62	50	400	60	47	32	15°	CN□□ 1906□□	MC1904	CTM1022	L4	HL2217	ML0830	L4.0

型号Order Number	尺寸Size(mm)							刀片 Insert	刀垫 Shim	刀垫螺丝 Screw	压板 Clamp	压板螺钉 Screw	弹簧 Spring	扳手 Wrench
	ϕDmin	ϕd	L	L1	H	f	a°							
S20R-DCLNR/L12	26	20	200	45	18.6	13	15°		X	X	D5260	DM5X21	GB98-7	L3
S25S-DCLNR/L12	32	25	250	45	23	16.5	12°	CN□□ 1204□□	X	X	D5260	DM5X21	GB98-7	L3
S32T-DCLNR/L12	40	32	300	50	30	22.5	17°		MC1204	D6X10	D5260	DM5X21	GB98-7	L3
S40T-DCLNR/L12	50	40	300	55	37	26	15°		MC1204	D6X10	D5260	DM5X21	GB98-7	L3

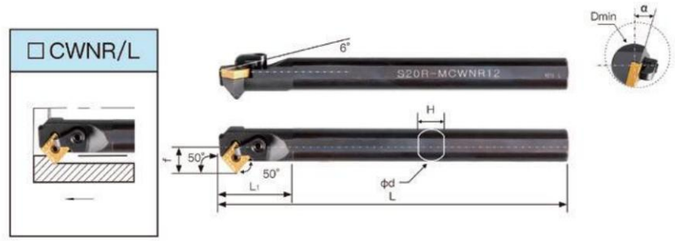


内孔车刀 INNER HOLE TURNING TOOLS

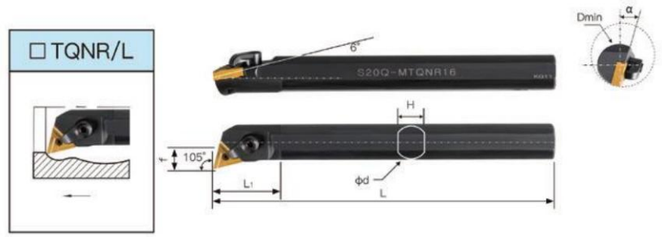
HT-0277

技术参数 Technical Parameter

型号Order Number		尺寸Size(mm)							刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	ϕDmin	ϕd	L	L1	H	f	a°							
S20R-MCWNL12	S20R-MCWNR12	30	20	200	45	18.6	17	15°		X	CTM613	L3	HL1810	ML0620	L3
S25S-MCWNL12	S25S-MCWNR12	35	25	250	45	23	19.5	12°		X	CTM613	L3	HL1810	ML0620	L3
S32T-MCWNL12	S32T-MCWNR12	42	32	300	50	30	23.5	17°	CN□□ 1204□□	MC1204	CTM617	L3	HL1813	ML0625	L3
S40T-MCWNL12	S40T-MCWNR12	50	40	300	55	37	26	15°		MC1204	CTM617	L3	HL1813	ML0625	L3



型号Order Number		尺寸Size(mm)							刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	ϕDmin	ϕd	L	L1	H	f	a°							
S16Q-MTQNL16	S16Q-MTQNR16	19	16	180	40	14.8	10.5	15°		X	CTM510	L2	HL1511	ML0520	L2.5
S20R-MTQNL16	S20R-MTQNR16	25	20	200	40	18.6	12.5	15°		X	CTM510	L2	HL1810	ML0620	L3
S25S-MTQNL16	S25S-MTQNR16	32	25	250	45	23	16	12°	TN□□ 1604□□	X	CTM510	L2	HL1810	ML0620	L3
S32T-MTQNL16	S32T-MTQNR16	41	32	300	54	30	22.5	17°		MC1603	CTM513	L2	HL1813	ML0625	L3
S40T-MTQNL16	S40T-MTQNR16	50	40	300	60	37	26.5	15°		MC1603	CTM513	L2	HL1813	ML0625	L3



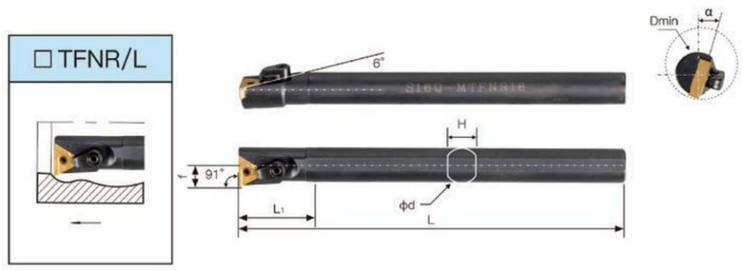
内孔车刀 INNER HOLE TURNING TOOLS

HT-0278

技术参数 Technical Parameter

型号Order Number		尺寸Size(mm)							刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	ϕDmin	ϕd	L	L1	H	f	a°							
S16Q-MTFNL16	S16Q-MTFNR16	19	16	180	40	14.8	10.5	15°	TN□□ 1604□□	X	CTM510	L2	HL1511	ML0520	L2.5
S20R-MTFNL16	S20R-MTFNR16	25	20	200	40	18.6	13	15°		X	CTM510	L2	HL1810	ML0620	L3
S25S-MTFNL16	S25S-MTFNR16	32	25	250	45	23	16.5	12°		X	CTM510	L2	HL1810	ML0620	L3
S32T-MTFNL16	S32T-MTFNR16	41	32	300	54	30	22.5	17°		MT1603	CTM513	L2	HL1813	ML0625	L3
S40T-MTFNL16	S40T-MTFNR16	50	40	300	60	37	26.5	15°		MT1603	CTM513	L2	HL1813	ML0625	L3
S50V-MTFNL16	S50V-MTFNR16	62	50	400	60	47	32	15°		MT1603	CTM513	L2	HL1813	ML0625	L3

型号Order Number	尺寸Size(mm)							刀片 Insert	刀垫 Shim	刀垫螺丝 Screw	压板 Clamp	压板螺钉 Screw	弹簧 Spring	扳手 Wrench
	ϕDmin	ϕd	L	L1	H	f	a°							
S20R-DTFNR/L16	25	20	200	40	18.6	13	15°	TN□□ 1604□□	X	X	D3230	DM5X21	GB98-7	L3
S25S-DTFNR/L16	32	25	250	45	23	16.5	12°		X	X	D3230	DM5X21	GB98-7	L3
S32T-DTFNR/L16	41	32	300	54	30	22.5	17°		MT1603	D5X9	D3230	DM5X21	GB98-7	L3
S40T-DTFNR/L16	50	40	300	60	37	26.5	15°		MT1603	D5X9	D3230	DM5X21	GB98-7	L3
S50U-DTFNR/L16	60	50	350	65	47	31	12°		MT1603	D5X9	D3230	DM5X21	GB98-7	L3



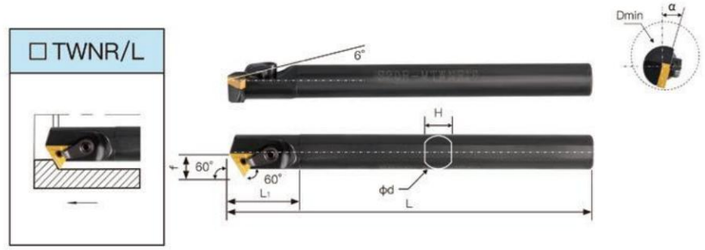
内孔车刀 INNER HOLE TURNING TOOLS

HT-0279

技术参数 Technical Parameter

型号Order Number		尺寸Size(mm)							刀片 Insert	刀垫 Shim	杠销 Lock pin	扳手 Wrench	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	ϕDmin	ϕd	L	L1	H	f	a°							
S16Q-MTWNL16	S16Q-MTWNR16	20	16	180	40	14.8	12	15°	TN□□ 1604□□	X	CTM510	L2	HL1511	ML0520	L2.5
S20R-MTWNL16	S20R-MTWNR16	27	20	200	40	18.6	14	15°		X	CTM510	L2	HL1810	ML0620	L3
S25S-MTWNL16	S25S-MTWNR16	32	25	250	45	23	16.5	12°		X	CTM510	L2	HL1810	ML0620	L3
S32T-MTWNL16	S32T-MTWNR16	39	32	300	54	30	20	17°		MT1603	CTM513	L2	HL1813	ML0625	L3
S40T-MTWNL16	S40T-MTWNR16	45	40	300	60	37	24.5	15°		MT1603	CTM513	L2	HL1813	ML0625	L3

型号Order Number	尺寸Size(mm)							刀片 Insert	刀垫 Shim	刀垫螺丝 Screw	压板 Clamp	压板螺钉 Clamp	弹簧 Spring	扳手 Wrench
	ϕDmin	ϕd	L	L1	H	f	a°							
S20R-DTWNR/L16	27	20	200	40	18.6	14	15°	TN□□ 1604□□	X	X	D3230	DM5X21	GB98-7	L3
S25S-DTWNR/L16	32	25	250	45	23	16.5	12°		X	X	D3230	DM5X21	GB98-7	L3
S32T-DTWNR/L16	39	32	300	54	30	20	17°		MT1603	D5X9	D3230	DM5X21	GB98-7	L3
S40T-DTWNR/L16	50	40	300	60	37	24	15°		MT1603	D5X9	D3230	DM5X21	GB98-7	L3
S50U-DTWNR/L16	57	50	350	65	47	29	12°		MT1603	D5X9	D3230	DM5X21	GB98-7	L3

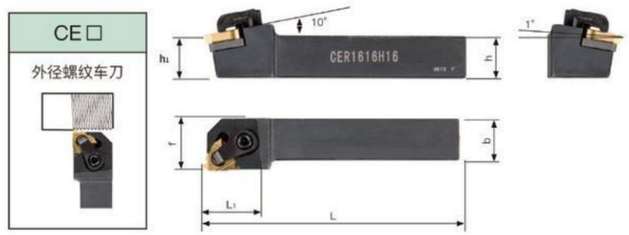


螺纹车刀
SCREW TURNING TOOL

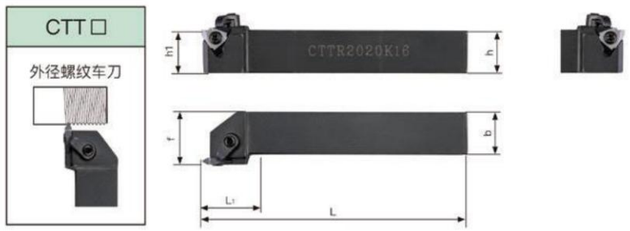
HT-0280

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)						刀片 Insert	垫片 Shim	螺钉 Screw	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	L	L1	h1	f						
CEL1616H16	CER1616H16	16	16	100	20	16	20	16ER/L	MTM16	M3.5X12	HL1810	ML0620	T15 L3
CEL2020K16	CER2020K16	20	20	125	22	20	25	16ER/L	MTM16	M3.5X12	HL1810	ML0620	T15 L3
CEL2525M16	CER2525M16	25	25	150	22	25	32	16ER/L	MTM16	M3.5X12	HL1810	ML0620	T15 L3
CEL3232P16	CER3232P16	32	32	170	25	32	32	16ER/L	MTM16	M3.5X12	HL1810	ML0620	T15 L3
CEL2525M22	CER2525M22	25	25	150	26	25	32	22ER/L	MTM22R/L	M4X16	HL1810	ML0620	T15 L3
CEL3232P22	CER3232P22	32	32	170	28	32	32	22ER/L	MTM22R/L	M4X16	HL1810	ML0620	T15 L3



型号Order Number		尺寸Size(mm)						刀片 Insert	螺钉 Screw	压板 Clamp	双头螺栓 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	L	L1	h1	f					
CTTL1010F16	CTTR1010F16	10	10	90	20	10	12	TT32ER/L	M4X10	X	X	T15 L2.5
CTTL1212H16	CTTR1212H16	12	12	100	20	12	16	TT32ER/L	M4X10	X	X	T15 L2.5
CTTL1616H16	CTTR1616H16	16	16	100	20	16	20	TT32ER/L	M4X10	HL1808	ML0520	T15 L2.5
CTTL2020K16	CTTR2020K16	20	20	125	22	20	25	TT32ER/L	M4X10	HL1808	ML0520	T15 L2.5
CTTL2020K22	CTTR2020K22	20	20	125	28	20	25	TT43ER/L	M5X12	HL1808	ML0520	T15 L2.5
CTTL2525M22	CTTR2525M22	25	25	150	30	25	32	TT43ER/L	M5X12	HL1808	ML0520	T15 L2.5
CTTL3232P22	CTTR3232P22	32	32	170	30	32	40	TT43ER/L	M5X12	HL1808	ML0520	T15 L2.5

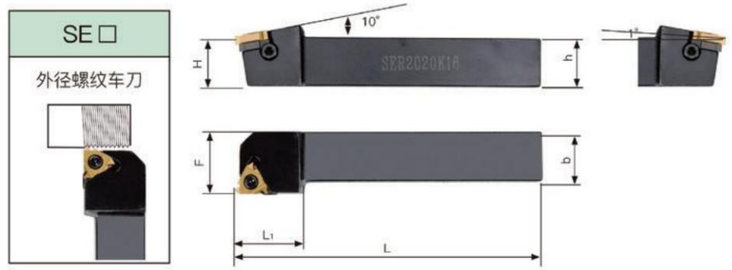


螺纹车刀
SCREW TURNING TOOL

HT-0281

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)						刀片 Insert	垫片 Shim	螺钉 Screw	压板 Clamp	侧螺钉 Screw	扳手 Wrench
左刀Left	右刀Right	h	b	L	L1	h1	f						
SEL1010H11	SER1010H11	10	10	100	16	10	12	11ER/L	X	M2.5X6	X	X	T8
SEL1212H11	SER1010H11	12	12	100	16	12	16	11ER/L	X	M2.5X6	X	X	T8
SEL1212H16	SER1212H16	12	12	100	20	12	18	16ER/L	MTM16	M3.5X12	X	M3X8C	T15
SEL1616H16	SER1616H16	16	16	100	20	16	20	16ER/L	MTM16	M3.5X12	X	M3X8C	T15
SEL2020K16	SER2020K16	20	20	125	22	20	25	16ER/L	MTM16	M3.5X12	X	M3X8C	T15
SEL2525M16	SER2525M16	25	25	150	22	25	32	16ER/L	MTM16	M3.5X12	X	M3X8C	T15
SEL3232P16	SER3232P16	32	32	170	25	32	32	16ER/L	MTM16	M3.5X12	X	M3X8C	T15
SEL2020K22	SER2020K22	20	20	125	25	20	25	22ER/L	MTM22R/L	M4X16	X	M3X8C	T20/T15
SEL2525M22	SER2525M22	25	25	150	25	25	32	22ER/L	MTM22R/L	M4X16	X	M3X8C	T20/T15
SEL3232P22	SER3232P22	32	32	170	28	32	32	22ER/L	MTM22R/L	M4X16	X	M3X8C	T20/T15

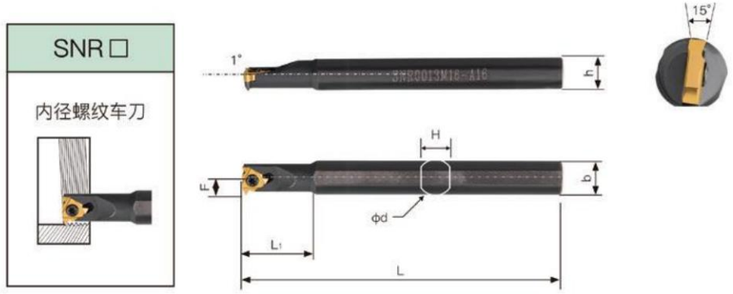


螺纹车刀
SCREW TURNING TOOL

HT-0282

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)							刀片 Insert	螺钉 Screw	扳手 Wrench
左刀Left	右刀Right	ϕDmin	ϕd	L	L1	H	f	a°			
SNL0005K06-A12	SNR0005K06-A12	7	12	125	13	11	4	15°	06NR/L	M2X6	T6
SNL0006K06-A16	SNR0006K06-A16	8	16	125	18	14.8	4	15°	06NR/L	M2X6	T6
SNL0008K08-A16	SNR0008K08-A16	10	16	125	25	14.8	5.5	15°	08NR/L	M2.5X6	T8
SNL0008K11-A16	SNR0008K11-A16	11	16	125	25	14.8	5.7	15°	11NR/L	M2.5X6	T8
SNL0010K11-A16	SNR0010K11-A16	13	16	125	25	14.8	7.2	15°	11NR/L	M2.5X6	T8
SNL0012M11-A16	SNR0012M11-A16	15	16	150	32	14.8	8.7	15°	11NR/L	M2.5X6	T8
SNL0013M16-A16	SNR0013M16-A16	17	16	150	32	14.8	10	15°	16NR/L	M3.5X9	T15

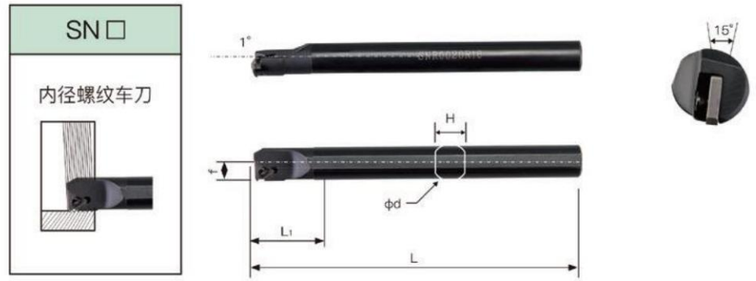


螺纹车刀
SCREW TURNING TOOL

HT-0283

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)							刀片 Insert	垫片 Shim	螺钉 Screw	侧钉 Screw	扳手 Wrench
左刀Left	右刀Right	ϕDmin	ϕd	L	L1	H	f	a°					
SNL0007K08	SNR0007K08	9	7	125	15	6	5	15°	08NR/L	X	M2.5X6	X	T8
SNL0008K08	SNR0008K08	10	8	125	15	7	5.5	15°	08NR/L	X	M2.5X6	X	T8
SNL0008K11	SNR0008K11	10	8	125	15	7	5.8	15°	11NR/L	X	M2.5X6	X	T8
SNL0010K11	SNR0010K11	12	10	125	16	9	6.5	15°	11NR/L	X	M2.5X6	X	T8
SNL0012M11	SNR0012M11	13	12	150	18	11	7.5	15°	11NR/L	X	M2.5X6	X	T8
SNL0013M11	SNR0013M11	15	13	150	18	12	8.5	15°	11NR/L	X	M2.5X6	X	T8
SNL0013M16	SNR0013M16	16	13	150	20	12	9	15°	16NR/L	X	M3.5X9	X	T15
SNL0016Q16	SNR0016Q16	18	16	180	25	14.8	10	15°	16NR/L	X	M3.5X9	X	T15
SNL0020R16	SNR0020R16	22	20	200	28	18.4	12	15°	16NR/L	STM1603	M3.5X12	X	T15
SNL0025S16	SNR0025S16	28	25	250	32	23	15	15°	16NR/L	STM1603	M3.5X12	X	T15
SNL0032T16	SNR0032T16	35	32	300	38	30	18.5	15°	16NR/L	STM1603	M3.5X12	X	T15
SNL0040T16	SNRO040T16	44	40	300	42	37	23.5	15°	16NR/L	STM1603	M3.5X12	X	T15
SNL0050V16	SNR0050V16	55	50	350	50	47	30	15°	16NR/L	STM1603	M3.5X12	X	T15
SNL0020R22	SNR0020R22	25	20	200	30	18.4	14	15°	22NR/L	X	M4X10	X	T15
SNL0025S22	SNR0025S22	30	25	250	32	23	16.5	15°	22NR/L	MTM22R/L	M4X14	M3X8C	T15
SNL0032T22	SNR0032T22	36	32	300	38	30	20	15°	22NR/L	MTM22R/L	M4X14	M3X8C	T15
SNL0040T22	SNR0040T22	46	40	300	42	37	25.5	15°	22NR/L	MTM22R/L	M4X14	M3X8C	T15
SNL0050V22	SNR0050V22	62	50	350	50	47	32	15°	22NR/L	MTM22R/L	M4X14	M3X8C	T15

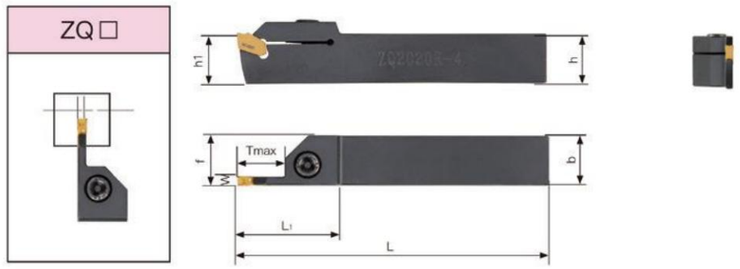


切槽(断)刀
GROOVING TOOL

HT-0284

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)							刀片 Insert	螺钉 Screw	扳手 Wrench
左刀Left	右刀Right	W	h	d	L	h1	f	Tmax			
ZQ1616L-02	ZQ1616R-02	2	16	16	100	16	16.4	16	SP200	M5X16	L4
ZQ2020L-02	ZQ2020R-02	2	20	20	125	20	20.4	16	SP200	M6X16	L5
ZQ2525L-02	ZQ2525R-02	2	25	25	150	25	25.4	16	SP200	M6X16	L5
ZQ1616L-03	ZQ1616R-03	3.125	16	16	100	16	16.4	18	SP300	M5X16	L4
ZQ2020L-03	ZQ2020R-03	3.125	20	20	125	20	20.4	20	SP300	M6X16	L5
ZQ2525L-03	ZQ2525R-03	3.125	25	25	150	25	25.4	20	SP300	M6X16	L5
ZQ3232L-03	ZQ3232R-03	3.125	32	32	170	32	25.4	25	SP300	M6X16	L5
ZQ1616L-04	ZQ1616R-04	4.125	16	16	100	16	16.4	18	SP400	M5X16	L4
ZQ2020L-04	ZQ2020R-04	4.125	20	20	125	20	20.4	20	SP400	M6X16	L5
ZQ2525L-04	ZQ2525R-04	4.125	25	25	150	25	25.4	20	SP400	M6X16	L5
ZQ3232L-04	ZQ3232R-04	4.125	32	32	170	32	25.4	25	SP400	M6X16	L5
ZQ2020L-05	ZQ2020R-05	5.125	20	20	125	20	20.4	20	SP500	M6X16	L5
ZQ2525L-05	ZQ2525R-05	5.125	25	25	150	25	25.4	20	SP500	M6X16	L5
ZQ3232L-05	ZQ3232R-05	5.125	32	32	170	32	32.4	25	SP500	M6X16	L5
ZQ2020L-06	ZQ2020R-06	6.4	20	20	125	20	20.4	20	SP600	M6X16	L5
ZQ2525L-06	ZQ2525R-06	6.4	25	25	150	25	25.4	20	SP600	M6X16	L5
ZQ3232L-06	ZQ3232R-06	6.4	32	32	170	32	32.4	25	SP600	M6X16	L5

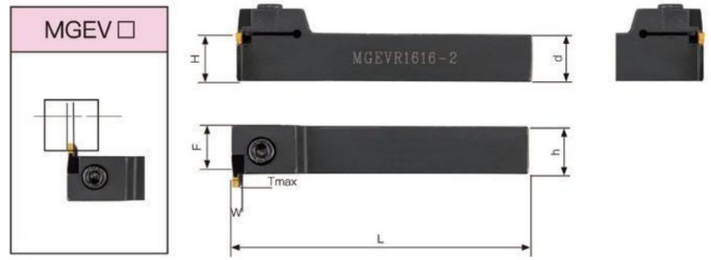


切槽(断)刀
GROOVING TOOL

HT-0285

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)							刀片 Insert	螺钉 Screw	扳手 Wrench
左刀Left	右刀Right	W	h	d	L	h1	f	Tmax			
MGEVL1616-1.5	MGEVR1616-1.5	1.5	16	16	100	21.3	16	5	MGMN150	M5X16	L4
MGEVL2020-1.5	MGEVR2020-1.5	1.5	20	20	125	26.3	20	6	MGMN150	M6X20	L5
MGEVL2525-1.5	MGEVR2525-1.5	1.5	25	25	150	33	25	7	MGMN150	M6X20	L5
MGEVL1616-2	MGEVR1616-2	2	16	16	100	21.3	16	5	MGMN200	M5X16	L4
MGEVL2020-2	MGEVR2020-2	2	20	20	125	26.3	20	6	MGMN200	M6X20	L5
MGEVL2525-2	MGEVR2525-2	2	25	25	150	33	25	7	MGMN200	M6X20	L5
MGEVL1616-2.5	MGEVR1616-2.5	2.5	16	16	100	21.3	16	5	MGMN250	M5X16	L4
MGEVL2020-2.5	MGEVR2020-2.5	2.5	20	20	125	26.3	20	6	MGMN250	M6X20	L5
MGEVL2525-2.5	MGEVR2525-2.5	2.5	25	25	150	33	25	7	MGMN250	M6X20	L5
MGEVL1616-3	MGEVR1616-3	3	16	16	100	21.3	16	5	MGMN300	M5X16	L4
MGEVL2020-3	MGEVR2020-3	3	20	20	125	26.3	20	6	MGMN300	M6X20	L5
MGEVL2525-3	MGEVR2525-3	3	25	25	150	33	25	7	MGMN300	M6X20	L5
MGEVL1616-4	MGEVR1616-4	4	16	16	100	21.3	16	5	MGMN400	M5X16	L4
MGEVL2020-4	MGEVR2020-4	4	20	20	125	26.3	20	6	MGMN400	M6X20	L5
MGEVL2525-4	MGEVR2525-4	4	25	25	150	33	25	7	MGMN400	M6X20	L5

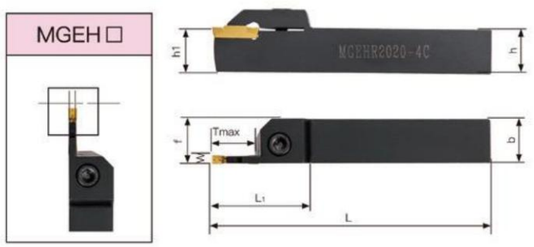


切槽(断)刀
GROOVING TOOL

HT-0286

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)							刀片 Insert	螺钉 Screw	扳手 Wrench
左刀Left	右刀Right	W	h	d	L	h1	f	Tmax			
MGEHL1010-1.5	MGEHR1010-1.5	1.5	10	10	100	10	10	12	MGMN150	M4X15	L3
MGEHL1212-1.5	MGEHR1212-1.5	1.5	12	12	100	12	12	14	MGMN150	M5X16	L4
MGEHL1616-1.5	MGEHR1616-1.5	1.5	16	16	100	16	16	16	MGMN150	M5X16	L4
MGEHL2020-1.5	MGEHR2020-1.5	1.5	20	20	125	20	20	16	MGMN150	M6X20	L5
MGEHL2525-1.5	MGEHR2525-1.5	1.5	25	25	150	25	25	16	MGMN150	M6X20	L5
MGEHL3232-1.5	MGEHR3232-1.5	1.5	32	32	170	32	32	16	MGMN150	M6X20	L5
MGEHL1010-2	MGEHR1010-2	2	10	10	100	10	10	12	MGMN200	M4X15	L3
MGEHL1212-2	MGEHR1212-2	2	12	12	100	12	12	14	MGMN200	M5X16	L4
MGEHL1616-2	MGEHR1616-2	2	16	16	100	16	16	16	MGMN200	M5X16	L4
MGEHL2020-2	MGEHR2020-2	2	20	20	125	20	20	16	MGMN200	M6X20	L5
MGEHL2525-2	MGEHR2525-2	2	25	25	150	25	25	16	MGMN200	M6X20	L5
MGEHL3232-2	MGEHR3232-2	2	32	32	170	32	32	16	MGMN200	M6X20	L5
MGEHL1010-2.5	MGEHR1010-2.5	2.5	10	10	100	10	10	14	MGMN250	M4X15	L3
MGEHL1212-2.5	MGEHR1212-2.5	2.5	12	12	100	12	12	16	MGMN250	M5X16	L4
MGEHL1616-2.5	MGEHR1616-2.5	2.5	16	16	100	16	16	17	MGMN250	M5X16	L4
MGEHL2020-2.5	MGEHR2020-2.5	2.5	20	20	125	20	20	18	MGMN250	M6X20	L5
MGEHL2525-2.5	MGEHR2525-2.5	2.5	25	25	150	25	25	18	MGMN250	M6X20	L5
MGEHL3232-2.5	MGEHR3232-2.5	2.5	32	32	170	32	32	18	MGMN250	M6X20	L5
MGEHL1010-3	MGEHR1010-3	3	10	10	100	10	10	14	MGMN300	M4X15	L3
MGEHL1212-3	MGEHR1212-3	3	12	12	100	12	12	16	MGMN300	M5X16	L4
MGEHL1616-3	MGEHR1616-3	3	16	16	100	16	16	18	MGMN300	M5X16	L4
MGEHL2020-3	MGEHR2020-3	3	20	20	125	20	20	20	MGMN300	M6X20	L5
MGEHL2525-3	MGEHR2525-3	3	25	25	150	25	25	20	MGMN300	M6X20	L5
MGEHL3232-3	MGEHR3232-3	3	32	32	170	32	32	20	MGMN300	M6X20	L5
MGEHL1010-4	MGEHR1010-4	4	10	10	100	10	10	14	MGMN400	M4X15	L3
MGEHL1212-4	MGEHR1212-4	4	12	12	100	12	12	16	MGMN400	M5X16	L4
MGEHL1616-4	MGEHR1616-4	4	16	16	100	16	16	18	MGMN400	M5X16	L4
MGEHL2020-4	MGEHR2020-4	4	20	20	125	20	20	20	MGMN400	M6X20	L5
MGEHL2525-4	MGEHR2525-4	4	25	25	150	25	25	20	MGMN400	M6X20	L5
MGEHL3232-4	MGEHR3232-4	4	32	32	170	32	32	20	MGMN400	M6X20	L5
MGEHL2020-5	MGEHR2020-5	5	20	20	125	20	20	23	MGMN500	M6X20	L5
MGEHL2525-5	MGEHR2525-5	5	25	25	150	25	25	25	MGMN500	M6X20	L5
MGEHL3232-5	MGEHR3232-5	5	32	32	170	32	32	25	MGMN500	M6X20	L5
MGEHL2020-6	MGEHR2020-6	6	20	20	125	20	20	23	MGMN600	M6X20	L5
MGEHL2525-6	MGEHR2525-6	6	25	25	150	25	25	25	MGMN600	M6X20	L5
MGEHL3232-6	MGEHR3232-6	6	32	32	170	32	32	25	MGMN600	M6X20	L5

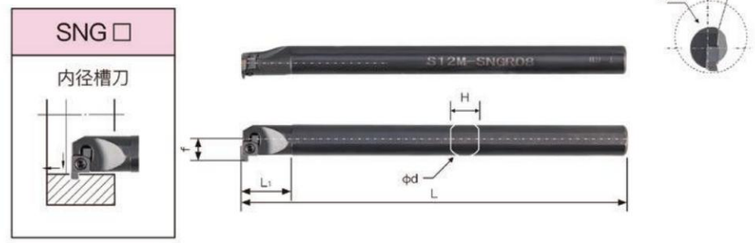


切槽(断)刀
GROOVING TOOL

HT-0287

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)						刀片 Insert	螺钉 Screw	扳手 Wrench
左刀Left	右刀Right	W	ϕd	f	L1	L	h			
S08K-SNGL06	S08K-SNGR06	2	8	4.7	15	125	7	6GR/L	M2.2X6	T7
S08K-SNGL07	S08K-SNGR07	2	8	5.8	15	125	7	7GR/L	M2.5X8	T7
S10K-SNGL07	S10K-SNGR07	2	10	6.8	15	125	8	7GR/L	M2.5X8	T7
S10K-SNGL08	S10K-SNGR08	3.5	10	7.6	20	150	8	8GR/L	M2.5X8	T7
S12M-SNGL08	S12M-SNGR08	3.5	12	8.6	20	150	11	8GR/L	M2.5X8	T7
S16Q-SNGL09	S16Q-SNGR09	3.5	16	11.6	20	180	14.8	9GR/L	M2.5X8	T7
S20R-SNGL09	S20R-SNGR09	3.5	20	13.6	20	200	18.4	9GR/L	M2.5X8	T7
H08K-SNGL06	H08K-SNGR06	2	8	4.7	15	125	7	6GR/L	M2.2X6	T7
H08K-SNGL07	H08K-SNGR07	2	8	5.8	15	125	7	7GR/L	M2.5X8	T7
H10K-SNGL07	H10K-SNGR07	2	10	6.8	15	125	8	7GR/L	M2.5X8	T7
H10K-SNGL08	H10K-SNGR08	3.5	10	7.6	20	150	8	8GR/L	M2.5X8	T7
H12M-SNGL08	H12M-SNGR08	3.5	12	8.6	20	150	11	8GR/L	M2.5X8	T7
H16Q-SNGL09	H16Q-SNGR09	3.5	16	11.6	20	180	14.8	9GR/L	M2.5X8	T7
H20R-SNGL09	H20R-SNGR09	3.5	20	13.6	20	200	18.4	9GR/L	M2.5X8	T7

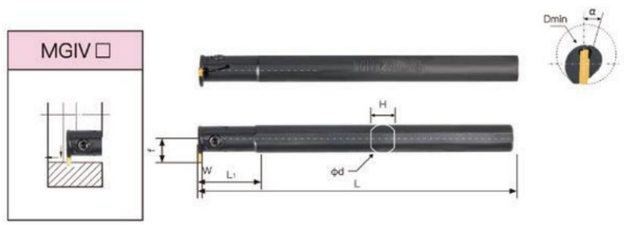


切槽(断)刀
GROOVING TOOL

HT-0288

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)						刀片 Insert	螺钉 Screw	扳手 Wrench
左刀Left	右刀Right	W	ϕd	f	L1	L	h			
MGIVL2016-1.5	MGIVR2016-1.5	1.5	16	12.4	28	180	14.8	MGMN150	M4X15	L3
MGIVL2520-1.5	MGIVR2520-1.5	1.5	20	14	35	200	18.6	MGMN150	M4X15	L3
MGIVL3125-1.5	MGIVR3125-1.5	1.5	25	17.5	45	250	23	MGMN150	M5X20	L4
MGIVL3732-1.5	MGIVR3732-1.5	1.5	32	21.5	55	300	30	MGMN150	M6X20	L5
MGIVL2016-2	MGIVR2016-2	2	16	12.4	28	180	14.8	MGMN200	M4X15	L3
MGIVL2520-2	MGIVR2520-2	2	20	14	35	200	18.6	MGMN200	M4X15	L3
MGIVL3125-2	MGIVR3125-2	2	25	17.5	26	250	23	MGMN200	M5X20	L4
MGIVL3732-2	MGIVR3732-2	2	32	21.5	45	300	30	MGMN200	M6X20	L5
MGIVL2016-2.5	MGIVR2016-2.5	2.5	16	12.9	28	180	14.8		M4X15	L3
MGIVL2520-2.5	MGIVR2520-2.5	2.5	20	15	35	200	18.6	MGMN250	M4X15	L3
MGIVL3125-2.5	MGIVR3125-2.5	2.5	25	17.5	26	250	23	MRMN250	M5X20	L4
MGIVL3732-2.5	MGIVR3732-2.5	2.5	32	21.5	45	300	30		M5X20	L4
MGIVL2016-3	MGIVR2016-3	3	16	14.85	55	180	14.8		M4X15	L3
MGIVL2520-3	MGIVR2520-3	3	20	15.6	28	200	18.6		M4X15	L3
MGIVL3125-3	MGIVR3125-3	3	25	18.9	35	250	23	MGMN300	M5X20	L4
MGIVL3732-3	MGIVR3732-3	3	32	21.5	45	300	30	MRMN300	M6X20	L5
MGIVL4540-3	MGIVR4540-3	3	40	27.2	55	300	37		M6X20	L5
MGIVL2016-4	MGIVR2016-4	4	16	14.85	28	180	14.8		M4X15	L3
MGIVL2520-4	MGIVR2520-4	4	20	15.6	35	200	18.6		M4X15	L3
MGIVL3125-4	MGIVR3125-4	4	25	18.9	45	250	23	MGMN400	M5X20	L4
MGIVL3732-4	MGIVR3732-4	4	32	21.5	55	300	30	MRMN400	M6X20	L5
MGIVL4540-4	MGIVR4540-4	4	40	27.2	55	300	37		M6X20	L5
MGIVL2520-5	MGIVR2520-5	5	20	18	35	200	18.6		M4X15	L3
MGIVL3125-5	MGIVR3125-5	5	25	19.4	45	250	23	MGMN500	M5X20	L4
MGIVL3732-5	MGIVR3732-5	5	32	21.5	55	300	30	MRMN500	M6X20	L5
MGIVL4540-5	MGIVR4540-5	5	40	27.2	55	300	37		M6X20	L5
MGIVL2520-6	MGIVR2520-6	6	20	18	35	200	18.6		M4X15	L3
MGIVL3125-6	MGIVR3125-6	6	25	19.4	45	250	23	MGMN600	M5X20	L4
MGIVL3732-6	MGIVR3732-6	6	32	21.5	55	300	30	MRMN600	M6X20	L5
MGIVL4540-6	MGIVR4540-6	6	40	27.2	55	300	37		M6X20	L5



切槽(断)刀
GROOVING TOOL

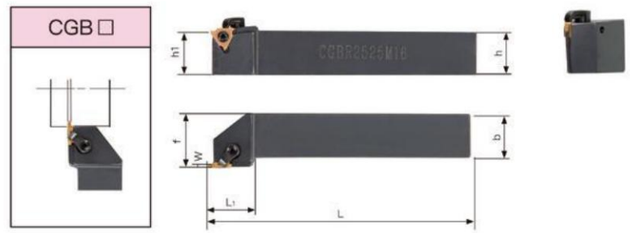
HT-0289

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)							刀片 Insert	螺钉 Screw	扳手 Wrench
左刀Left	右刀Right	W	h	d	L	h1	f	Tmax			
SGBL1616H16	SGBR1616H16	0.33-2.5	16	16	100	22	16	20	TGF32R/L	M4X10	T15
SGBL2020K16	SGBR2020K16	0.33-2.5	20	20	125	26	20	25	TGF32R/L	M4X10	T15
SGBL2525M16	SGBR2525M16	0.33-2.5	25	25	150	26	25	32	TGF32R/L	M4X10	T15
SGBL2020K22	SGBR2020K22	1.25-1.85	20	20	125	26	20	25	TGF43R/L	M5X12	T20
SGBL2525M22	SGBR2525M22	1.25-1.85	25	25	150	26	25	32	TGF43R/L	M5X12	T20



型号Order Number		尺寸Size(mm)							刀片 Insert	双头螺栓 Screw	压 板 Clamp	螺钉 Screw	扳手 Wrench
左刀Left	右刀Right	W	h	d	L	h1	f	Tmax					
CGBL1616H16	CGBR1616H16	0.5-2.5	16	16	100	22	16	20	TGF32R/L	ML0520	HL1511	M3.5X10	T20/L2.5
CGBL2020K16	CGBR2020K16	0.5-2.5	20	20	125	26	20	25	TGF32R/L	ML0520	HL1511	M3.5X10	T20/L2.5
CGBL2525M16	CGBR2525M16	0.5-2.5	25	25	150	26	25	32	TGF32R/L	ML0520	HL1511	M3.5X10	T20/L2.5
CGBL2020K22	CGBR2020K22	1.25-1.85	20	20	125	26	20	25	TGF43R/L	ML0520	HL1511	M5X12	T20/L2.5
CGBL2525M22	CGBR2525M22	1.25-1.85	25	25	150	26	25	32	TGF43R/L	ML0520	HL1511	M5X12	T20/L2.5



切槽(断)刀
GROOVING TOOL

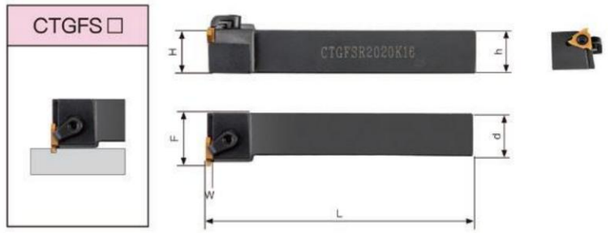
HT-0290

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)						刀片 Insert	螺钉 Screw	扳手 Wrench
左刀Left	右刀Right	W	h	d	L	h1	f			
KTGFSL1010H16	KTGFSR1010H16	0.4~0.45	10	10	100	10	14	TGF32R/L	M3.5X10	T15
KTGFSL1212H16	KTGFSR1212H16	0.4~0.45	12	12	100	12	16	TGF32R/L	M3.5X10	T15
KTGFSL1616H16	KTGFSR1616H16	0.4~0.45	16	16	100	16	20	TGF32R/L	M3.5X10	T15
KTGFSL2020K16	KTGFSR2020K16	0.4~0.45	20	20	125	20	25	TGF32R/L	M3.5X10	T15
KTGFSL2525M16	KTGFSR2525M16	0.4~0.45	25	25	150	25	32	TGF32R/L	M3.5X10	T15
KTGFSL3232P16	KTGFSR3232P16	0.4~0.45	32	32	170	32	40	TGF32R/L	M3.5X10	T15
KTGFSL2020K22	KTGFSR2020K22	0.4~0.45	20	20	125	20	25	TGF43R/L	M5X12	T20
KTGFSL2525M22	KTGFSR2525M22	0.4~0.45	25	25	150	25	32	TGF43R/L	M5X12	T20
KTGFSL3232P22	KTGFSR3232P22	0.4~0.45	32	32	170	32	40	TGF43R/L	M5X12	T20



型号Order Number		尺寸Size(mm)						刀片 Insert	双头螺栓 Screw	压 板 Clamp	螺钉 Screw	扳手 Wrench
左刀Left	右刀Right	W	h	d	L	hi	f					
CTGFSL1616H16	CTGFSR1616H16	0.4~0.45	16	16	100	16	20	TGF32R/L	HL1511	ML520	M4X10	T15/L2.5
CTGFSL2020K16	CTGFSR2020K16	0.4~0.45	20	20	125	20	25	TGF32R/L	HL1511	ML520	M4X10	T15/L2.5
CTGFSL2525M16	CTGFSR2525M16	0.4~0.45	25	25	150	25	32	TGF32R/L	HL1511	ML520	M4X10	T15/L2.5
CTGFSL3232P16	CTGFSR3232P16	0.4~0.45	32	32	170	32	40	TGF32R/L	HL1511	ML520	M4X10	T15/L2.5
CTGFSL2020K22	CTGFSR2020K22	0.4~0.45	20	20	125	20	25	TGF43R/L	HL1813	ML620	M5X12	T20 L3
CTGFSL2525M22	CTGFSR2525M22	0.4~0.45	25	25	150	25	32	TGF43R/L	HL1813	ML620	M5X12	T20 L3
CTGFSL3232P22	CTGFSR3232P22	0.4~0.45	32	32	170	32	40	TGF43R/L	HL1813	ML620	M5X12	T20 L3

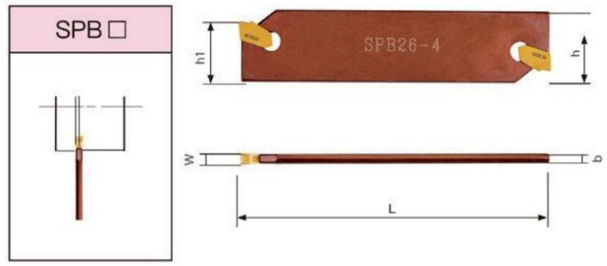


切槽(断)刀
GROOVING TOOL

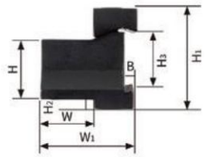
HT-0291

技术参数
Technical Parameter

型号Order Number	尺寸Size(mm)					刀片 Insert
	W	b	h	L	h1	
SPB26-2	2	1.6	26	26	21	SP200
SPB26-3	3	2.4	26	26	21	SP200
SPB26-4	4	3.2	26	26	21	SP400
SPB26-5	5	4.2	26	26	21	SP500
SPB26-6	6	5.2	26	26	21	SP600
SPB32-2	2	1.6	32	32	27	SP200
SPB32-3	3	2.4	32	32	27	SP300
SPB32-4	4	3.2	32	32	27	SP400
SPB32-5	5	4.2	32	32	27	SP500
SPB32-6	6	5.2	32	32	27	SP600



型号 Order Number	尺寸Size(mm)								切刀板 Cutter board	螺钉 Screw	扳手 Wrench
	H	W	B	H1	H2	H3	W1	L			
SMBB1626	16	16	5.3	43	16	26	30	86	SPB**	M6X20	L5
SMBB2026	20	20	5.3	43	9	26	30	86	SPB**	M6X20	L5
SMBB2032	20	20	5.3	50	13	32	38	100	SPB**	M6X20	L5
SMBB2526	25	23	5.3	43	4	26	42	86	SPB**	M6X20	L5
SMBB2532	25	23	5.3	50	8	32	42	110	SPB**	M6X20	L5
SMBB3232	32	30	5.3	54	5	32	30	110	SPB**	M6X20	L5



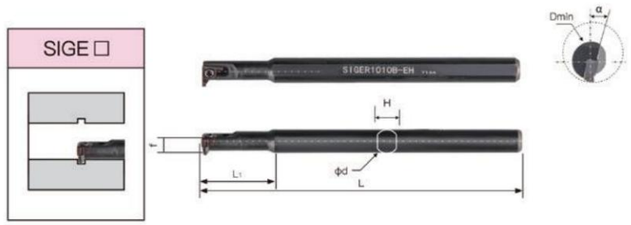


切槽(断)刀
GROOVING TOOL

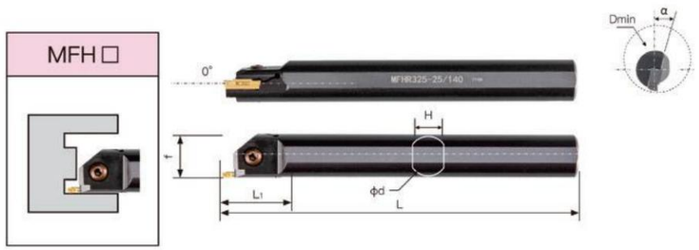
HT-0292

技术参数
Technical Parameter

型号Order Number		尺寸Size(mm)							刀片 Insert	螺钉 Screw	扳手 Wrench
左刀Left	右刀Right	ϕDmin	ϕd	L	L1	H	f	a°			
SIGEL0808A-EH	SIGER0808A-EH	8	8	125	20	7	5	15°	GER/L**-A	M2.2X7	T6
SIGEL1010B-EH	SIGEL1010B-EH	10	10	125	25	9	6.2	15°	GER/L**-B	M2.5X8	T8
SIGEL1210B-EH	SIGEL1210B-EH	12	10	125	30	9	7	15°	GER/L**-B	M2.5X8	T8
SIGEL1412C-EH	SIGEL1412C-EH	14	12	125	33	11	8	15°	GER/L**-C	M2.5X8	T8
SIGEL1616C-EH	SIGEL1616C-EH	16	16	180	36	14.8	7.5	15°	GER/L**-C	M2.5X8	T8
SIGEL2020D-EH	SIGEL2020D-EH	20	20	200	45	18.6	9.5	15°	GER/L**-D	M3X8	T10



型号Order Number	尺寸Size(mm)							刀片 Insert	螺钉 Screw	扳手 Wrench
	ϕDmin	ϕd	L	L1	H	min	max			
MFHR320-25/140	21	20	180	10	18.4	25	140	MGMN300	M6X16	T6
MFHR325-25/140	26	25	200	12.5	23.4	25	140	MGMN300	M6X16	T6
MFHR420-25/140	21	20	180	10	18.4	25	140	MGMN400	M6X16	T6
MFHR425-25/140	26	25	200	12.5	23.4	25	140	MGMN400	M6X16	T6

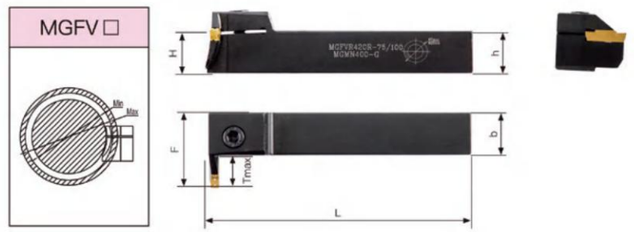


切槽(断)刀
GROOVING TOOL

HT-0293

技术参数
Technical Parameter

型号Order Number	尺寸Size(mm)							刀片 Insert	螺钉 Screw	扳手 Wrench
	d/h	H	F	L	Min	Max	Tmax			
MGFVR/L320-25/35	20	20	35	125	25	35	15	MGMN300	M6X20	L5
MGFVR/L320-35/48	20	20	35	125	35	48	15	MGMN300	M6X20	L5
MGFVR/L320-48/60	20	20	35	125	48	60	15	MGMN300	M6X20	L5
MGFVR/L320-60/75	20	20	35	125	60	75	15	MGMN300	M6X20	L5
MGFVR/L320-75/100	20	20	35	125	75	100	15	MGMN300	M6X20	L5
MGFVR/L320-100/140	20	20	35	125	100	140	15	MGMN300	M6X20	L5
MGFVR/L325-25/35	25	25	40	150	25	35	15	MGMN300	M6X20	L5
MGFVR/L325-35/48	25	25	40	150	35	48	15	MGMN300	M6X20	L5
MGFVR/L325-48/60	25	25	40	150	48	60	15	MGMN300	M6X20	L5
MGFVR/L325-60/75	25	25	40	150	60	75	15	MGMN300	M6X20	L5
MGFVR/L325-75/100	25	25	40	150	75	100	15	MGMN300	M6X20	L5
MGFVR/L325-100/140	25	25	40	150	100	140	15	MGMN300	M6X20	L5
MGFVR/L420-25/35	20	20	35	125	25	35	15	MGMN400	M6X20	L5
MGFVR/L420-35/48	20	20	35	125	35	48	15	MGMN400	M6X20	L5
MGFVR/L420-48/60	20	20	35	125	48	60	15	MGMN400	M6X20	L5
MGFVR/L420-60/75	20	20	35	125	60	75	15	MGMN400	M6X20	L5
MGFVR/L420-75/100	20	20	35	125	75	100	15	MGMN400	M6X20	L5
MGFVR/L420-100/140	20	20	35	125	100	140	15	MGMN400	M6X20	L5
MGFVR/L425-25/35	25	25	40	150	25	35	15	MGMN400	M6X20	L5
MGFVR/L425-35/48	25	25	40	150	35	48	15	MGMN400	M6X20	L5
MGFVR/L425-48/60	25	25	40	150	48	60	15	MGMN400	M6X20	L5
MGFVR/L425-60/75	25	25	40	150	60	75	15	MGMN400	M6X20	L5
MGFVR/L425-75/100	25	25	40	150	75	100	15	MGMN400	M6X20	L5
MGFVR/L425-100/140	25	25	40	150	100	140	15	MGMN400	M6X20	L5

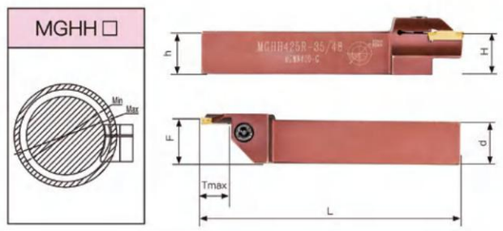


切槽(断)刀
GROOVING TOOL

HT-0294

技术参数
Technical Parameter

型号Order Number	尺寸Size(mm)							刀片 Insert	螺钉 Screw	扳手 Wrench
	d/h	H	F	L	Min	Max	Tmax			
MGHH320-25/35	20	20	20.6	125	25	35	17	MGMN300	M6X20	L5
MGHH320-35/48	20	20	20.6	125	35	48	17	MGMN300	M6X20	L5
MGHH320-48/66	20	20	20.6	125	48	66	17	MGMN300	M6X20	L5
MGHH320-64/100	20	20	20.6	125	64	100	17	MGMN300	M6X20	L5
MGHH320-98/160	20	20	20.6	125	98	160	17	MGMN300	M6X20	L5
MGHH320-160/300	20	20	20.6	125	160	300	20	MGMN300	M6X20	L5
MGHH325-25/35	25	25	25.6	150	25	35	17	MGMN300	M6X20	L5
MGHH325-35/48	25	25	25.6	150	35	48	17	MGMN300	M6X20	L5
MGHH325-48/66	25	25	25.6	150	48	60	17	MGMN300	M6X20	L5
MGHH325-64/100	25	25	25.6	150	64	100	17	MGMN300	M6X20	L5
MGHH325-98/160	25	25	25.6	150	98	160	17	MGMN300	M6X20	L5
MGHH325-160/300	25	25	25.6	150	160	300	20	MGMN300	M6X20	L5
MGHH420-25/35	20	20	20.6	125	25	35	17	MGMN400	M6X20	L5
MGHH420-35/48	20	20	20.6	125	35	48	17	MGMN400	M6X20	L5
MGHH420-48/66	20	20	20.6	125	48	66	17	MGMN400	M6X20	L5
MGHH420-64/100	20	20	20.6	125	64	100	17	MGMN400	M6X20	L5
MGHH420-98/160	20	20	20.6	125	98	160	17	MGMN400	M6X20	L5
MGHH420-160/300	20	20	20.6	125	160	300	20	MGMN400	M6X20	L5
MGHH425-25/35	25	25	25.6	150	25	35	17	MGMN400	M6X20	L5
MGHH425-35/48	25	25	25.6	150	35	48	17	MGMN400	M6X20	L5
MGHH425-48/66	25	25	25.6	150	48	66	17	MGMN400	M6X20	L5
MGHH425-64/100	25	25	25.6	150	64	100	17	MGMN400	M6X20	L5
MGHH425-98/160	25	25	25.6	150	98	160	17	MGMN400	M6X20	L5
MGHH425-160/300	25	25	25.6	150	160	300	20	MGMN400	M6X20	L5
MGHH525-25/35	25	25	25.6	150	25	35	17	MGMN500	M6X20	L5
MGHH525-35/48	25	25	25.6	150	35	48	17	MGMN500	M6X20	L5
MGHH525-48/66	25	25	25.6	150	48	66	17	MGMN500	M6X20	L5
MGHH525-64/100	25	25	25.6	150	64	100	17	MGMN500	M6X20	L5
MGHH525-98/160	25	25	25.6	150	98	160	17	MGMN500	M6X20	L5
MGHH525-160/300	25	25	25.6	150	160	300	20	MGMN500	M6X20	L5

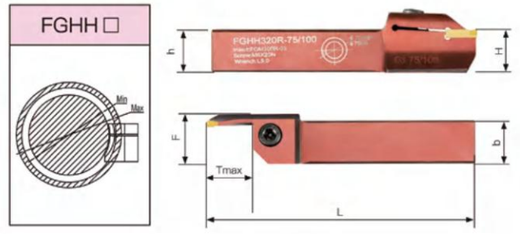


切槽(断)刀
GROOVING TOOL

HT-0295

技术参数
Technical Parameter

型号Order Number	尺寸Size(mm)							刀片 Insert	螺钉 Screw	扳手 Wrench
	d/h	H	F	L	Min	Max	Tmax			
FGHH320-25/35	20	20	20.6	125	25	35	17	FGD300R-03	M6X20	L5
FGHH320-35/48	20	20	20.6	125	35	48	17	FGD300R-03	M6X20	L5
FGHH320-48/66	20	20	20.6	125	48	66	17	FGD300R-03	M6X20	L5
FGHH320-64/100	20	20	20.6	125	64	100	17	FGD300R-03	M6X20	L5
FGHH320-98/160	20	20	20.6	125	98	160	17	FGD300R-03	M6X20	L5
FGHH320-160/300	20	20	20.6	125	160	300	20	FGD300R-03	M6X20	L5
FGHH325-25/35	25	25	25.6	150	25	35	17	FGD300R-03	M6X20	L5
FGHH325-35/48	25	25	25.6	150	35	48	17	FGD300R-03	M6X20	L5
FGHH325-48/60	25	25	25.6	150	48	66	17	FGD300R-03	M6X20	L5
FGHH325-60/75	25	25	25.6	150	64	100	17	FGD300R-03	M6X20	L5
FGHH325-75/100	25	25	25.6	150	98	160	17	FGD300R-03	M6X20	L5
FGHH325-100/140	25	25	25.6	150	160	300	20	FGD300R-03	M6X20	L5
FGHH420-25/35	20	20	20.6	125	25	35	17	FGD400R-04	M6X20	L5
FGHH420-35/48	20	20	20.6	125	35	48	17	FGD400R-04	M6X20	L5
FGHH420-48/66	20	20	20.6	125	48	66	17	FGD400R-04	M6X20	L5
FGHH420-64/100	20	20	20.6	125	64	100	17	FGD400R-04	M6X20	L5
FGHH420-98/160	20	20	20.6	125	98	160	17	FGD400R-04	M6X20	L5
FGHH420-160/300	20	20	20.6	125	160	300	20	FGD400R-04	M6X20	L5
FGHH425-25/35	25	25	25.6	150	25	35	17	FGD400R-04	M6X20	L5
FGHH425-35/48	25	25	25.6	150	35	48	17	FGD400R-04	M6X20	L5
FGHH425-48/66	25	25	25.6	150	48	66	17	FGD400R-04	M6X20	L5
FGHH425-64/100	25	25	25.6	150	64	100	17	FGD400R-04	M6X20	L5
FGHH425-98/160	25	25	25.6	150	98	160	17	FGD400R-04	M6X20	L5
FGHH425-160/300	25	25	25.6	150	160	300	20	FGD400R-04	M6X20	L5
FGHH525-25/35	25	25	25.6	150	25	35	17	FGD500R-05	M6X20	L5
FGHH525-35/48	25	25	25.6	150	35	48	17	FGD500R-05	M6X20	L5
FGHH525-48/66	25	25	25.6	150	48	66	17	FGD500R-05	M6X20	L5
FGHH525-64/100	25	25	25.6	150	64	100	17	FGD500R-05	M6X20	L5
FGHH525-98/160	25	25	25.6	150	98	160	17	FGD500R-05	M6X20	L5
FGHH525-160/300	25	25	25.6	150	160	300	20	FGD500R-05	M6X20	L5

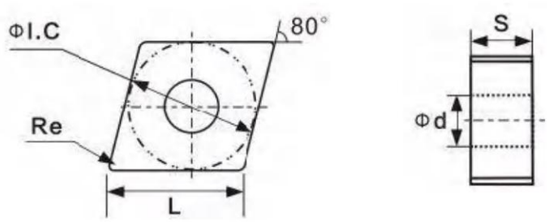


CNMA/CNMG 普通车削刀片
GENERAL TURNING INSERTS

HT-0296

技术参数
Technical Parameter

刀片外形 Inserts Shape	型号 Type	基本尺寸Dimension(mm)				
		ϕ1.C	L	S	ϕd	Re
	CNMA120404	12.70	12.90	4.76	5.16	0.4
	CNMA120408	12.70	12.90	4.76	5.16	0.8
	CNMA120412	12.70	12.90	4.76	5.16	1.2
	CNMA160608	16.10	15.875	6.35	6.35	0.8
	CNMG120408-KN5	12.70	12.90	4.76	5.16	0.8
	CNMG120412-KN5	12.70	12.90	4.76	5.16	1.2
	CNMG160608-KN5	16.10	15.875	6.35	6.35	0.8
	CNMG120404-PM4	12.70	12.90	4.76	5.16	0.4
	CNMG120408-PM4	12.70	12.90	4.76	5.16	0.8
	CNMG120412-PM4	12.70	12.90	4.76	5.16	1.2
	CNMG120404-SM3	12.70	12.90	4.76	5.16	0.4
	CNMG120408-SM3	12.70	12.90	4.76	5.16	0.8
	CNMG120412-SM3	12.70	12.90	4.76	5.16	1.2
	CNMG120404-HS2	12.70	12.90	4.76	5.16	0.4
	CNMG120408-HS2	12.70	12.90	4.76	5.16	0.8
	CNMG120412-HS2	12.70	12.90	4.76	5.16	1.2
	CNMG120404-PM3	12.70	12.90	4.76	5.16	0.4
	CNMG120408-PM3	12.70	12.90	4.76	5.16	0.8
	CNMG120412-PM3	12.70	12.90	4.76	5.16	1.2
	CNMG120408-PF4	12.70	12.90	4.76	5.16	0.8

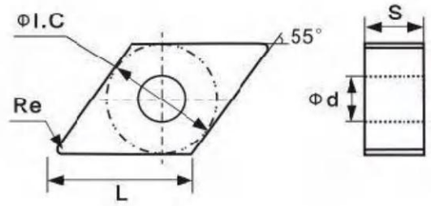


DNMA/DNMG 普通车削刀片
GENERAL TURNING INSERTS

HT-0297

技术参数
Technical Parameter

刀片外形 Inserts Shape	型号 Type	基本尺寸Dimension(mm)				
		ϕ1.C	L	S	ϕd	Re
	DNMA150404	12.70	15.50	4.76	5.16	0.4
	DNMA150408	12.70	15.50	4.76	5.16	0.8
	DNMA150604	12.70	15.50	6.35	5.16	0.4
	DNMA150608	12.70	15.50	6.35	5.16	0.8
	DNMG150404-KN5	12.70	15.50	4.76	5.16	0.4
	DNMG150408-KN5	12.70	15.50	4.76	5.16	0.8
	DNMG150604-KN5	12.70	15.50	6.35	5.16	0.4
	DNMG150608-KN5	12.70	15.50	6.35	5.16	0.8
	DNMG150404-PM4	12.70	15.50	4.76	5.16	0.4
	DNMG150408-PM4	12.70	15.50	4.76	5.16	0.8
	DNMG150412-PM4	12.70	15.50	4.76	5.16	1.2
	DNMG150604-PM4	12.70	15.50	6.35	5.16	0.4
	DNMG150608-PM4	12.70	15.50	6.35	5.16	0.8
	DNMG150612-PM4	12.70	15.50	6.35	5.16	1.2
	DNMG150404-SM3	12.70	15.50	4.76	5.16	0.4
	DNMG150408-SM3	12.70	15.50	4.76	5.16	0.8
	DNMG150604-SM3	12.70	15.50	6.35	5.16	0.4
	DNMG150608-SM3	12.70	15.50	6.35	5.16	0.8
	DNMG150404-HS2	12.70	15.50	4.76	5.16	0.4
	DNMG150408-HS2	12.70	15.50	4.76	5.16	0.8
	DNMG150604-HS2	12.70	15.50	6.35	5.16	0.4
	DNMG150608-HS2	12.70	15.50	6.35	5.16	0.8

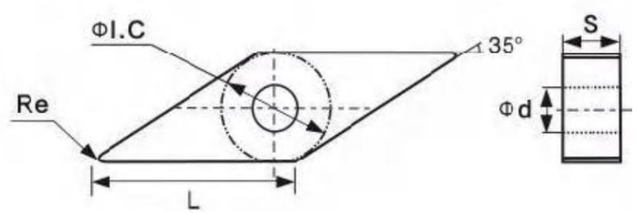


VNMG/VNGG 普通车削刀片
GENERAL TURNING INSERTS

HT-0298

技术参数
Technical Parameter

刀片外形 Inserts Shape	型号 Type	基本尺寸Dimension(mm)				
		ϕ1.C	L	S	ϕd	Re
	VNMG160404-PM4	9.525	16.6	4.76	3.81	0.4
	VNMG160408-PM4	9.525	16.6	4.76	3.81	0.8
	VNMG160412-PM4	9.525	16.6	4.76	3.81	1.2
	VNMG160404-SM3	9.525	16.6	4.76	3.81	0.4
	VNMG160408-SM3	9.525	16.6	4.76	3.81	0.8
	VNMG160404-HS2	9.525	16.6	4.76	3.81	0.4
	VNMG160408-HS2	9.525	16.6	4.76	3.81	0.8
	VNMG160412-HS2	9.525	16.6	4.76	3.81	1.2
	VNGG160404R-H	9.525	16.6	4.76	3.81	0.4
	VNGG160404L-H	9.525	16.6	4.76	3.81	0.4
	VNGG160404R-F	9.525	16.6	4.76	3.81	0.4
	VNGG160404L-F	9.525	16.6	4.76	3.81	0.4
	VNMG160408-KN5	9.525	16.6	4.76	3.81	0.8
	VNMG160412-KN5	9.525	16.6	4.76	3.81	1.2
	VNMG160408-SM4	9.525	16.6	4.76	3.81	0.8

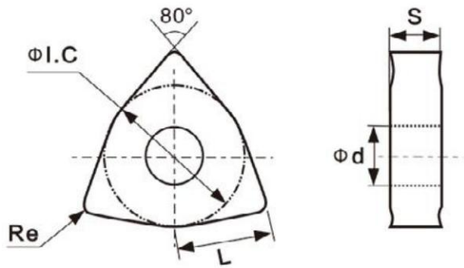


WNMA/WNMG 普通车削刀片
GENERAL TURNING INSERTS

HT-0299

技术参数
Technical Parameter

刀片外形 Inserts Shape	型号 Type	基本尺寸Dimension(mm)				
		ϕ1.C	L	S	ϕd	Re
	WNMA080404	12.7	8.7	4.76	5.16	0.4
	WNMA080408	12.7	8.7	4.76	5.16	0.8
	WNMA080412	12.7	8.7	4.76	5.16	1.2
	WNMG080404-PM4	12.7	8.7	4.76	5.16	0.4
	WNMG080408-PM4	12.7	8.7	4.76	5.16	0.8
	WNMG080412-PM4	12.7	8.7	4.76	5.16	1.2
	WNMG080404-SM3	12.7	8.7	4.76	5.16	0.4
	WNMG080408-SM3	12.7	8.7	4.76	5.16	0.8
	WNMG080412-SM3	12.7	8.7	4.76	5.16	1.2
	WNMG080404-HS2	12.7	8.7	4.76	5.16	0.4
	WNMG080408-HS2	12.7	8.7	4.76	5.16	0.8
	WNMG080412-HS2	12.7	8.7	4.76	5.16	1.2
	WNMG080404-PM3	12.7	8.7	4.76	5.16	0.4
	WNMG080408-PM3	12.7	8.7	4.76	5.16	0.8
	WNMG080412-PM3	12.7	8.7	4.76	5.16	1.2
	WNMG080408-KN5	12.7	8.7	4.76	5.16	0.8
	WNMG080412-KN5	12.7	8.7	4.76	5.16	1.2
	WNMG080408-SF3	12.7	8.7	4.76	5.16	0.8

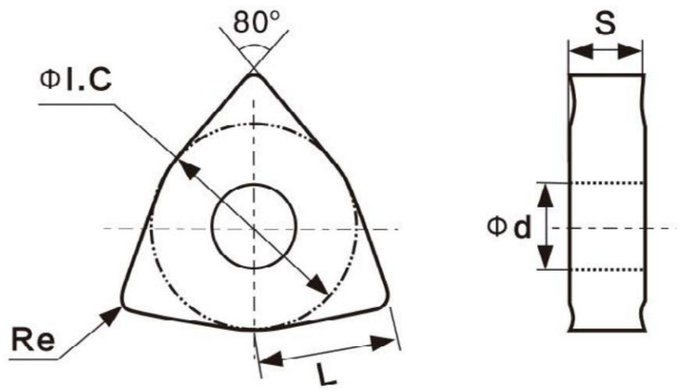


WNMG普通车削刀片
GENERAL TURNING INSERTS

HT-0300

技术参数
Technical Parameter

刀片外形 Inserts Shape	型号 Type	基本尺寸Dimension(mm)				
		ϕ1.C	L	S	ϕd	Re
	WNMG080404R-JP	12.7	8.7	4.76	5.16	0.4
	WNMG080404L-JP	12.7	8.7	4.76	5.16	0.4
	WNMG080408R-JP	12.7	8.7	4.76	5.16	0.8
	WNMG080408L-JP	12.7	8.7	4.76	5.16	0.8
	WNMG080408-PF4	12.7	8.7	4.76	5.16	0.8
	WNMG080408-SM4	12.7	8.7	4.76	5.16	0.8
	WNMG080412-SM4	12.7	8.7	4.76	5.16	1.2

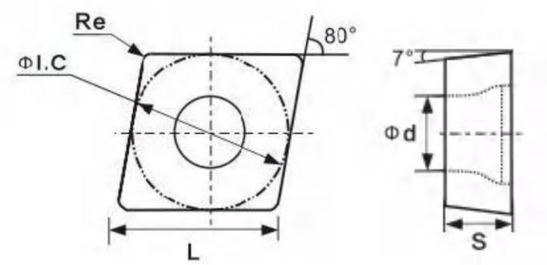


CCMT 普通车削刀片
GENERAL TURNING INSERTS

HT-0301

技术参数
Technical Parameter

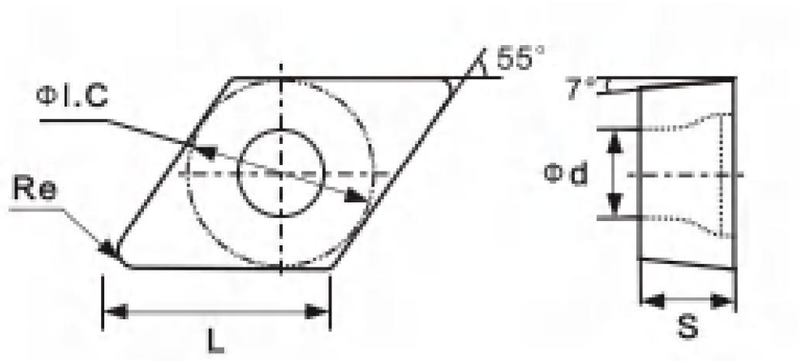
刀片外形 Inserts Shape	型号 Type	基本尺寸Dimension(mm)				
		ϕ1.C	L	S	ϕd	Re
	CCMT060204-HS2	6.35	6.4	2.38	2.8	0.4
	CCMT060208-HS2	6.35	6.4	2.38	2.8	0.8
	CCMT09T304-HS2	9.525	9.7	3.97	4.4	0.4
	CCMT09T308-HS2	9.525	9.7	3.97	4.4	0.8
	CCMT120404-HS2	12.7	12.9	4.76	5.5	0.4
	CCMT120408-HS2	12.7	12.9	4.76	5.5	0.8
	CCMT060204-SM3	6.35	6.4	2.38	2.8	0.4
	CCMT060208-SM3	6.35	6.4	2.38	2.8	0.8
	CCMT09T304-SM3	9.525	9.7	3.97	4.4	0.4
	CCMT09T308-SM3	9.525	9.7	3.97	4.4	0.8
	CCMT120404-SM3	12.7	12.9	4.76	5.5	0.4
	CCMT120408-SM3	12.7	12.9	4.76	5.5	0.8
	CCMT060204-PF3	6.35	6.4	2.38	2.8	0.4
	CCMT060208-PF3	6.35	6.4	2.38	2.8	0.8
	CCMT09T304-PF3	9.525	9.7	3.97	4.5	0.4
	CCMT09T308-PF3	9.525	9.7	3.97	4.5	0.8
	CCMT120404-PF3	12.7	12.9	4.76	5.5	0.4
	CCMT120408-PF3	12.7	12.9	4.76	5.5	0.8
	CCMT060204-PM4	6.35	6.4	2.38	2.8	0.4
	CCMT060204-PM4	6.35	6.4	2.38	2.8	0.8
	CCMT09T304-PM4	9.525	9.7	3.97	4.4	0.4
	CCMT09T308-PM4	9.525	9.7	3.97	4.4	0.8
	CCMT120404-PM4	12.7	12.9	4.76	5.5	0.4
	CCMT120408-PM4	12.7	12.9	4.76	5.5	0.8



DCMT 普通车削刀片
GENERAL TURNING INSERTS

技术参数
Technical Parameter

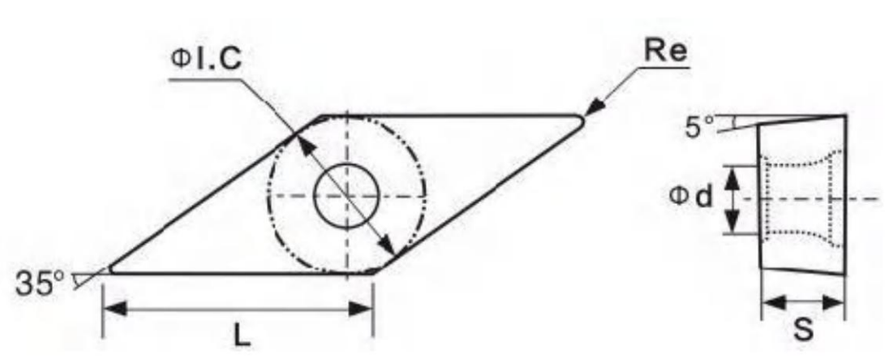
刀片外形 Inserts Shape	型号 Type	基本尺寸Dimension(mm)				
		ϕ1.C	L	S	ϕd	Re
	DCMT070204-HS2	6.35	7.8	2.38	2.8	0.4
	DCMT070208-HS2	6.35	7.8	2.38	2.8	0.8
	DCMT11T304-HS2	9.525	11.6	3.97	4.4	0.4
	DCMT11T308-HS2	9.525	11.6	3.97	4.4	0.8
	DCMT070204-PF3	6.35	7.8	2.38	2.8	0.4
	DCMT070208-PF3	6.35	7.8	2.38	2.8	0.8
	DCMT11T304-PF3	9.525	11.6	3.97	4.4	0.4
	DCMT11T308-PF3	9.525	11.6	3.97	4.4	0.8
	DCMT070204-SM3	6.35	7.8	2.38	2.8	0.4
	DCMT070208-SM3	6.35	7.8	2.38	2.8	0.8
	DCMT11T304-SM3	9.525	11.6	3.97	4.4	0.4
	DCMT11T308-SM3	9.525	11.6	3.97	4.4	0.8
	DCMT11T304-PM4	9.525	11.6	3.97	4.4	0.4
	DCMT11T308-PM4	9.525	11.6	3.97	4.4	0.8



VBMT/VCMT 普通车削刀片
GENERAL TURNING INSERTS

技术参数
Technical Parameter

刀片外形 Inserts Shape	型号 Type	基本尺寸Dimension(mm)				
		ϕ1.C	L	S	ϕd	Re
	VBMT110304-HS2	6.35	11	3.18	2.8	0.4
	VBMT110308-HS2	6.35	11	3.18	2.8	0.8
	VBMT160404-HS2	9.525	16.5	4.76	4.4	0.4
	VBMT160408-HS2	9.525	16.5	4.76	4.4	0.8
	VBMT110304-SM3	6.35	11	3.18	2.8	0.4
	VBMT110308-SM3	6.35	11	3.18	2.8	0.8
	VBMT160404-SM3	9.525	16.5	4.76	4.4	0.4
	VBMT160408-SM3	9.525	16.5	4.76	4.4	0.8
	VBMT160404-MF3	9.525	16.5	4.76	4.4	0.4
	VBMT160408-MF3	9.525	16.5	4.76	4.4	0.8
	VCMT160404-SM3	9.525	16.5	4.76	4.4	0.4
	VCMT160408-SM3	9.525	16.5	4.76	4.4	0.8
	VBMT110304-PF3	6.35	11	3.18	2.8	0.4
	VBMT110308-PF3	6.35	11	3.18	2.8	0.8
	VBMT160404-PF3	9.525	16.5	4.76	4.4	0.4
	VBMT160408-PF3	9.525	16.5	4.76	4.4	0.8

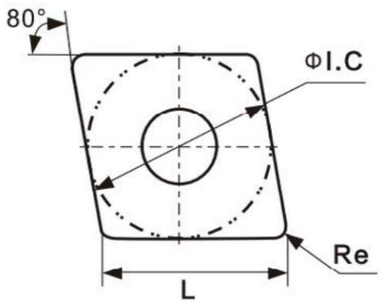


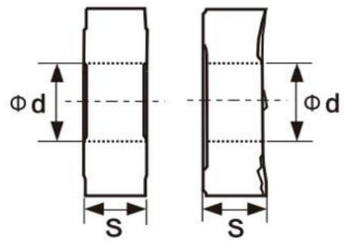
CNMG/CNMM 普通车削刀片
GENERAL TURNING INSERTS

HT-0304

技术参数
Technical Parameter

刀片外形 Inserts Shape	型号 Type	基本尺寸Dimension(mm)				
		ϕ1.C	L	S	ϕd	Re
	CNMG190612	19.05	19.34	6.35	7.94	1.2
	CNMG160612-PR8	15.875	16.12	6.35	6.35	1.2
	CNMG190608-PR8	19.05	19.34	6.35	7.94	0.8
	CNMG190612-PR8	19.05	19.34	6.35	7.94	1.2
	CNMG190616-PR8	19.05	19.34	6.35	7.94	1.6
	CNMG250924-PR8	25.4	25.79	9.35	9.1	2.4
	CNMM190612-PR8	19.05	19.34	6.35	7.94	1.2
	CNMM190616-PR8	19.05	19.34	6.35	7.94	1.6
	CNMM190624-PR8	19.05	19.34	6.35	7.94	2.4
	CNMM250924-PR8	25.4	25.79	9.35	9.1	2.4



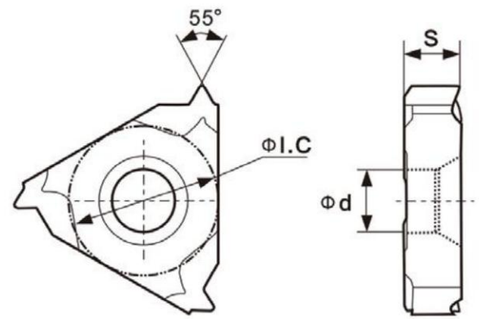


螺纹车削
THREADING INSERTS

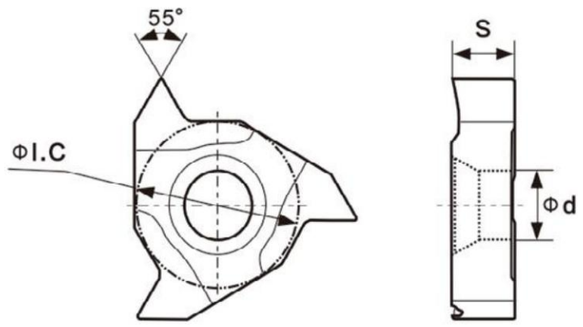
HT-0305

技术参数
Technical Parameter

刀片外形 Inserts Shape	型号 Type	基本尺寸Dimension(mm)			
		螺距	ΦI.C	S	ϕd
	T16IR-11WS	11	9.525	3.52	4
	T16IR-14WS	14	9.525	3.52	4
	T16ER-11WS	11	9.525	3.52	4
	T16ER-14WS	14	9.525	3.52	4



刀片外形 Inserts Shape	型号 Type	基本尺寸Dimension(mm)			
		螺距	ΦI.C	S	ϕd
	T16ER-AG55S	0.5-3.0	9.525	3.52	4
	T16ER-AG60S	0.5-3.0	9.525	3.52	4
					



JSMN/JRMN 切断切槽车削
PARTING AND GROOVING INSERTS

HT-0306

技术参数
Technical Parameter

刀片外形 Inserts Shape	型号 Type	基本尺寸Dimension(mm)				
		b	Re	L	d	t
	JSMN150-02-N	1.50	0.15	16.0	1.2	3.5
	JSMN200-02-N	2.00	0.20	16.0	1.6	3.5
	JSMN250-02-N	2.50	0.20	18.5	2.0	3.85
	JSMN300-04-C	3.00	0.40	21.0	2.35	4.8
	JSMN400-04-C	4.00	0.40	21.0	3.3	4.8
	JSMN500-08-C	5.00	0.80	26.0	4.1	5.8
	JSMN600-08-C	6.00	0.80	26.0	4.1	5.8
	JRMN200-10-C	2.00	1.00	16.0	1.50	3.5
	JRMN300-15-C	3.00	1.50	21.0	2.35	4.8
	JRMN400-20-C	4.00	2.00	21.0	3.3	4.8
	JRMN500-25-C	5.00	2.50	26.0	4.1	5.8
	JRMN600-30-C	6.00	3.00	26.0	4.1	5.8
	JRMN800-40-C	8.00	4.00	31.0	4.1	6.5

