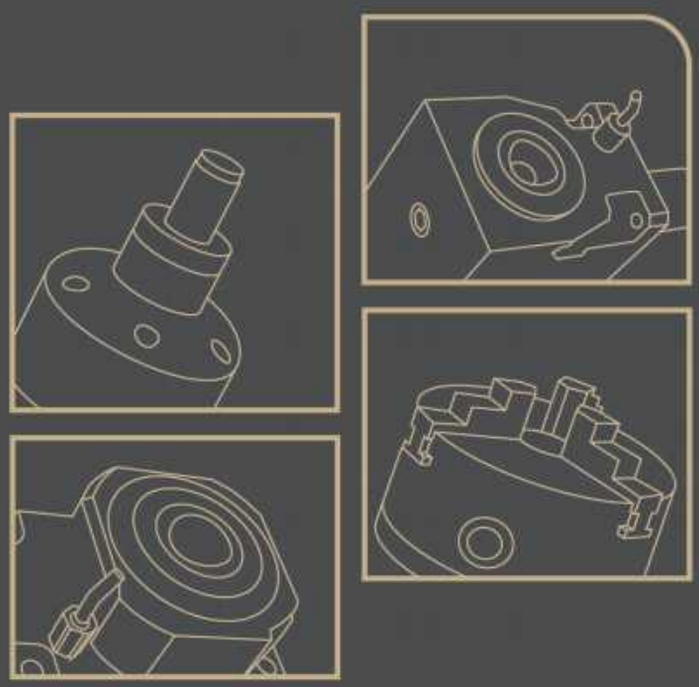
机床功能部件
FUNCTIONAL UNITS



SOFTOOL 百斯图工具



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

公司简介

COMPANY
PROFILE

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

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

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

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



机床功能部件目录 Functional Units Contents

动力刀座 Live Tool Holder 012-059

PSC 动力刀座命名方式	PSC Live Tool Holder Naming And Coding Rules	014
PSC 垂直动力刀座	PSC Radial Live Tool Holder	015
PSC 直角动力刀座	PSC Right-Angle Live Tool Holder	016
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BMT-90 度动力刀座	BMT 90° Live Tool Holder	018
BMT-0 度增速动力刀座	BMT 0° Speed-increasing Live Tool Holder	019
BMT-90 度增速动力刀座	BMT 90° Speed-increasing Live Tool Holder	020
BMT-0 度双出动力刀座	BMT 0° Dual-output Live Tool Holder	021
BMT-Y 字型双出动力刀座	BMT Y-type Dual-output Live Tool Holder	022
BMT-T 字型双出动力刀座	BMT T-type Dual-output Live Tool Holder	023
BMT- 后缩式双出动力刀座	BMT Retractable Dual-output Live Tool Holder	024
BMT 万向动力刀座	BMT Universal Live Tool Holder	025
BMT 内槽动力刀座	BMT Internal Grooving Live Tool Holder	026
BMT 滚齿动力刀座	BMT Hobbing Live Tool Holder	027
BMT 插槽动力刀座	BMT Slotting Live Tool Holder	028
BMT 外旋风铣动力刀座	BMT External Whirling Live Tool Holder	029
BMT-0 度中心出水动力刀座	BMT 0° Through-coolant Live Tool Holder	030
BMT-90 度中心出水动力刀座	BMT 90° Through-coolant Live Tool Holder	031
BMT 后缩动力刀座	BMT Retractable Live Tool Holder	032
BMT-90 度砂轮动力刀座	BMT 90° Grinding Wheel Live Tool Holder	033
BMT 车齿动力刀座	BMT Gear Turning Live Tool Holder	034
BMT 车齿动力刀座（莫氏锥柄）	BMT Gear Turning Live Tool Holder (with Morse Taper Shank)	035
VDI 径向钻铣刀座	VDI Radial Drill-Mill Live Tool Holder	036
VDI 径向钻铣刀座（后缩型）	VDI Radial Drill-Mill Live Tool Holder (Retractable)	037
VDI 轴向动力刀座 -DIN1809	VDI Axial Live Tool Holder (DIN1809)	038
VDI 轴向动力刀座 -DIN5480	VDI Axial Live Tool Holder (DIN5480)	039
BMT 镗孔固定刀座	BMT Boring Fixed Tool Holder	040
BMT 外径固定刀座	BMT External Fixed Tool Holder	042
BMT 端面固定刀座	BMT Facing Fixed Tool Holder	043
BMT 双镗孔固定刀座	BMT Dual Boring Fixed Tool Holder	044
BMT 斜双镗孔固定刀座	BMT Angular Dual Boring Fixed Tool Holder	045
BMT 反外径固定刀座	BMT Reverse External Fixed Tool Holder	046
BMT 单侧双外径固定刀座	BMT Single-side Dual External Fixed Tool Holder	047
BMT 双外径加镗孔固定	BMT Dual External and Boring Fixed Tool Holder	048
BMT 双侧双外径固定刀座	BMT Double-sided Dual External Fixed Tool Holder	049
BMT 双侧单外径固定刀座	BMT Double-sided Single External Fixed Tool Holder	050
VDI 短型横向右刀夹	VDI Short Radial Right-hand Tool Holder	051
VDI 短型横向左刀夹	VDI Short Radial Left-hand Tool Holder	052
VDI 短型横向反切右刀夹	VDI Short Radial Reverse Right-hand Tool Holder	053
VDI 短型横向反切左刀夹	VDI Short Radial Reverse Left-hand Tool Holder	054
VDI 长型横向右刀夹	VDI Long Radial Right-hand Tool Holder	055
VDI 长型横向左刀夹	VDI Long Radial Left-hand Tool Holder	056
VDI 长型横向反切右刀夹	VDI Long Radial Reverse Right-hand Tool Holder	057
VDI 长型横向反切左刀夹	VDI Long Radial Reverse Left-hand Tool Holder	058
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PSC 接纳器 PSC Clamping Unit 060-073

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夹紧装置R\L RUSA应用设计说明	Clamping Device R \ L Rusa Application Design Description	064
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VDI 内圆车刀接纳器	VDI Internal Receiver	066
VDI 机床接口中心拉钉夹紧	VDI Machine Tool Interface Center Pull Stud Clamping	067
卧式刀塔接纳器	Horizontal Lathe Receiver	068
PSC 方柄型接纳器	PSC Square Shank Internal Receiver	069
液压驱动接纳器 - 高压冷却	Hydraulic Actuated Receiver-High-pressure Cooling	070
液压驱动接纳器 - 低压冷却	Hydraulic Actuated Receiver-Low-pressure Cooling	071
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卡盘 Chucks 074-085

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机床功能部件目录 Functional Units Contents

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芯轴 BM120	Mandrel BM120	091
滚齿 BM210	Gear Cutting BM210	094
磨齿 BM220	Gear Grinding BM220	095
芯轴法兰	Mandrel Flanges	096

P 动力卡盘 Power Chucks 098-117

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三爪斜后拉气密液压卡盘 BC530	3-Jaw Clined Pull Air-tight Power Chuck BC530	110
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C 夹持元件 Clamping Element 126-067

命名方式	Naming And Coding Rules	126
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涨套 BS110	Clamping Bushings BS110	130
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QM16N 一体式系列平口钳	QM16N UNIBCDY Series Machine Vice	207
Q93 系列平口钳	Q93 Series Machine Vice	208
GT 系列精密组合平口钳	GT Series Precision Modular Vises	209
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QKG 系列精密工具平口钳	QGG Series Precision Tool Parallel-jaw Vice	212
FV 系列自由式虎钳	FV Freestyle Vice	213
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MC 倍力增压精密虎钳	MC Precision Power Vise-mechanically Pressurized	215
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MC 分体式精密增压虎钳	MC Precision Power ViseMC Multi-power Super Vise	217
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热装机命名方式	Shrink Fit Naming And Coding Rules	228
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BCHAS-A 系列	BCHAS-A	234
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动力刀座
LIVE TOOL HOLDER









PSC 动力刀座命名方式 PSC Live Tool Holder Naming And Coding Rules

PSC32	-	DNE	-	BMT45	-	056	-	E
01		02		03		04		05

01 接口规格 Coupling Type	
PSC	32
	40
	50
	63

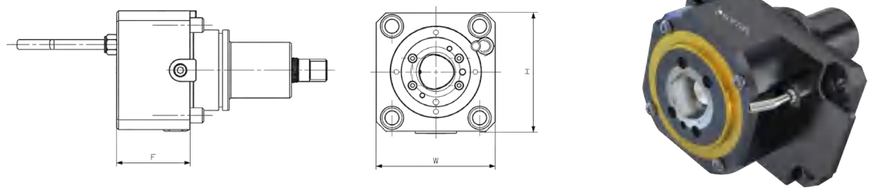
02 动力刀座类别 Live Tool Holder Types	
DNE	垂直动力刀座 Radial Live Tool Holder
DNI	直角动力刀座 Right-Angle Live Tool Holder

03 装夹尺寸 Turret size
BMT45
BMT55
BMT65
BMT75
BMT85

04 有效长度 Turret size
56
59
60
65
68
70
85
100

05 冷却方式 COOLAT	
E	内冷
I	外冷

PSC 垂直动力刀座
PSC Radial Live Tool Holder

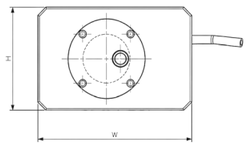


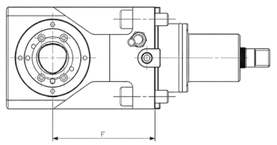
› 技术参数 | Technical parameters

单位 | Unit: mm

装夹尺寸 Turret size	接口尺寸 PSC size	订货号 Ordering code	最高转速 Max RPM	传动比 Ratio	驱动联轴器 Drive coupling	F	W	H	冷却方式 Coolat	重量 m (kg)
BMT45	PSC32	PSC32-DNE-BMT45-056E	8000	1:1	45	56	75	75	E	2.9
BMT45	PSC32	PSC32-DNE-BMT45-056I	8000	1:1	45	56	75	75	I	2.6
BMT55	PSC32	PSC32-DNE-BMT55-056E	8000	1:1	55	56	85	85	E	2.9
BMT55	PSC32	PSC32-DNE-BMT55-056I	8000	1:1	55	56	85	85	I	2.6
BMT65	PSC40	PSC40-DNE-BMT65-059E	8000	1:1	65	59	96	97	E	4.9
BMT65	PSC40	PSC40-DNE-BMT65-059I	8000	1:1	65	59	96	97	I	4.76
BMT75	PSC50	PSC50-DNE-BMT75-068E	8000	1:1	75	68	112	112	E	7.1
BMT75	PSC50	PSC50-DNE-BMT75-068I	8000	1:1	75	68	112	112	I	7.4
BMT85	PSC63	PSC63-DNE-BMT85-085E	8000	1:1	85	85	125	125	E	11.7
BMT85	PSC63	PSC63-DNE-BMT85-085I	8000	1:1	85	85	125	125	I	11.96

PSC 直角动力刀座
PSC Right-Angle Live Tool Holder





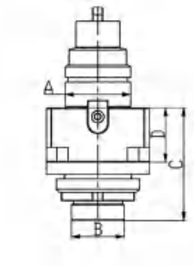


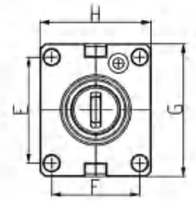
› 技术参数 | Technical parameters

单位 | Unit：mm

装夹尺寸 Turret size	接口尺寸 PSC size	订货号 Ordering code	最高转速 Max RPM	传动比 Ratio	驱动联轴器 Drive coupling	F	W	H	冷却方式 Coolat	重量 m (kg)
BMT45	PSC32	PSC32-DNI-BMT45-065E	8000	1:1	45	65	114	75	E	5.3
BMT45	PSC32	PSC32-DNI-BMT45-065I	8000	1:1	45	65	119	75	I	5.4
BMT55	PSC32	PSC32-DNI-BMT55-070E	8000	1:1	55	70	121	85	E	7.5
BMT55	PSC32	PSC32-DNI-BMT55-070I	8000	1:1	55	70	126	85	I	7.6
BMT65	PSC40	PSC40-DNI-BMT65-100E	8000	1:1	65	100	131	96	E	10.5
BMT65	PSC40	PSC40-DNI-BMT65-100I	8000	1:1	65	100	135	96	I	10.7
BMT75	PSC50	PSC50-DNI-BMT75-060E	8000	1:1	75	60	150	112	E	12.8
BMT75	PSC50	PSC50-DNI-BMT75-060I	8000	1:1	75	60	153	112	I	13.4
BMT85	PSC63	PSC63-DNI-BMT85-085E	8000	1:1	85	85	184	125	E	19
BMT85	PSC63	PSC63-DNI-BMT85-085I	8000	1:1	85	85	190	125	I	23.6

BMT-0 度动力刀座
BMT 0° Live Tool Holder







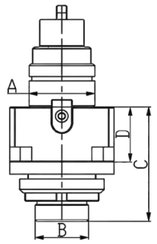
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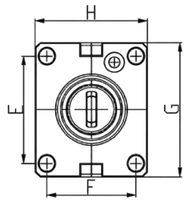
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	A	C	F	转速比 Speed ratio	转速 Rotational speed	锁紧方式 Locking method	夹头尺寸 Collet size	夹持范围 Clamping range	重量 m (kg)
BMT4012-0-ER20-I	40	/	50*60	1:1	6000Rpm	内锁 Internal locking	ER20	1-13mm	1.56
BMT4012-0-ER20-E	40	/	50*60	1:1	6000Rpm	外锁 External locking	ER20	1-13mm	1.72
BMT4012-0-ER25-E	40	/	50*60	1:1	6000Rpm	外锁 External locking	ER25	1-16mm	1.77
BMT4015-0-ER20-I	40	/	50*60	1:1	6000Rpm	内锁 Internal locking	ER20	1-13mm	1.76
BMT4015-0-ER25-E	40	/	50*60	1:1	6000Rpm	外锁 External locking	ER25	1-16mm	1.9
BMT4512-0-ER25-I	45	/	58*58	1:1	6000Rpm	内锁 Internal locking	ER25	1-16mm	2.33
BMT4512-0-ER25-E	45	/	58*58	1:1	6000Rpm	外锁 External locking	ER25	1-16mm	2.54
BMT4515-0-ER25-I	45	/	58*58	1:1	6000Rpm	内锁 Internal locking	ER25	1-16mm	2.52
BMT4515-0-ER25-E	45	/	58*58	1:1	6000Rpm	外锁 External locking	ER25	1-16mm	2.52
BMT5512-0-ER32-I	55	/	64*64	1:1	6000Rpm	内锁 Internal locking	ER32	2-20mm	3.28
BMT5512-0-ER32-E	55	/	64*64	1:1	6000Rpm	外锁 External locking	ER32	2-20mm	3.44
BMT5516-0-ER32-E	55	/	64*64	1:1	6000Rpm	外锁 External locking	ER32	2-20mm	3.3
BMT6512-0-ER32-E	65	/	70*73	1:1	5000Rpm	外锁 External locking	ER32	2-20mm	4.2
BMT6512-0-ER40-E	65	/	70*73	1:1	5000Rpm	外锁 External locking	ER40	3-26mm	4.23
BMT7512-0-ER40-E	75	/	90*90	1:1	4000Rpm	外锁 External locking	ER40	3-26mm	6.17
BMT8512-0-ER50-E	85	/	100*100	1:1	4000Rpm	外锁 External locking	ER50	10-34mm	8.06
BMT8512-0-ER50-E	85	/	100*100	1:1	4000Rpm	外锁 External locking	ER50	10-34mm	8.03

BMT-90 度动力刀座
BMT 90° Live Tool Holder







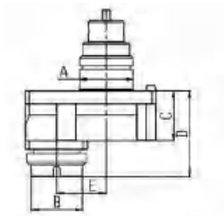
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- Accuracy: 0.002mm

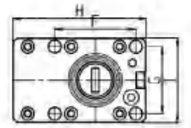
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	A	C	F	转速比 Speed ratio	转速 Rotational speed	锁紧方式 Locking method	夹头尺寸 Collet size	夹持范围 Clamping range	重量 m (kg)
BMT4012-90-ER20-60-I	40	60	50*60	1:1	6000Rpm	内锁 Internal locking	ER20	1-13mm	4.01
BMT4012-90-ER25-60-E	40	60	50*60	1:1	6000Rpm	外锁 External locking	ER25	1-16mm	4.11
BMT4015-90-ER20-60-I	40	60	50*60	1:1	6000Rpm	内锁 Internal locking	ER20	1-13mm	4.08
BMT4015-90-ER25-60-E	40	60	50*60	1:1	6000Rpm	外锁 External locking	ER25	1-16mm	4.18
BMT4512-90-ER25-60-I	45	60	58*58	1:1	6000Rpm	内锁 Internal locking	ER25	1-16mm	5.32
BMT4512-90-ER25-60-E	45	60	58*58	1:1	6000Rpm	外锁 External locking	ER25	1-16mm	5.54
BMT4515-90-ER25-60-E	45	60	58*58	1:1	6000Rpm	外锁 External locking	ER25	1-16mm	5.52
BMT4512-90-ER25-75-E	45	75	58*58	1:1	6000Rpm	外锁 External locking	ER25	1-16mm	6
BMT4512-90-ER25-85-E	45	85	58*58	1:1	6000Rpm	外锁 External locking	ER25	1-16mm	6.33
BMT5512-90-ER32-60-I	55	60	64*64	1:1	6000Rpm	内锁 Internal locking	ER32	2-20mm	6.86
BMT5512-90-ER32-60-E	55	60	64*64	1:1	6000Rpm	外锁 External locking	ER32	2-20mm	6.86
BMT5512-90-ER32-70-I	55	70	64*64	1:1	6000Rpm	内锁 Internal locking	ER32	2-20mm	7.89
BMT5512-90-ER32-85-I	55	85	64*64	1:1	6000Rpm	内锁 Internal locking	ER32	2-20mm	7.89
BMT5512-90-ER32-85-E	55	85	64*64	1:1	6000Rpm	外锁 External locking	ER32	2-20mm	7.89
BMT5512-90-ER32-100-E	55	100	64*64	1:1	6000Rpm	外锁 External locking	ER32	2-20mm	8.85
BMT5516-90-ER32-60-E	55	60	64*64	1:1	6000Rpm	外锁 External locking	ER32	2-20mm	6.96
BMT5516-90-ER32-85-E	55	85	64*64	1:1	6000Rpm	外锁 External locking	ER32	2-20mm	8.09
BMT6512-90-ER40-72-E	65	72	70*73	1:1	5000Rpm	外锁 External locking	ER40	3-26mm	8.92
BMT6512-90-ER32-72-E	65	72	70*73	1:1	5000Rpm	外锁 External locking	ER32	2-20mm	8.87
BMT6512-90-ER40-100-E	65	100	70*73	1:1	5000Rpm	外锁 External locking	ER40	3-26mm	10.09
BMT6512-90-ER32-100-E	65	100	70*73	1:1	5000Rpm	外锁 External locking	ER32	2-20mm	10.09
BMT7512-90-ER40-90-E	75	90	90*90	1:1	4000Rpm	外锁 External locking	ER40	3-26mm	12.63
BMT8512-90-ER50-110-E	85	110	100*100	1:1	4000Rpm	外锁 External locking	ER50	10-34mm	17.7
BMT8512-90-ER40-110-E	85	110	100*100	1:1	4000Rpm	外锁 External locking	ER40	3-26mm	17.2

BMT-0 度增速动力刀座
BMT 0° Speed-increasing Live Tool Holder







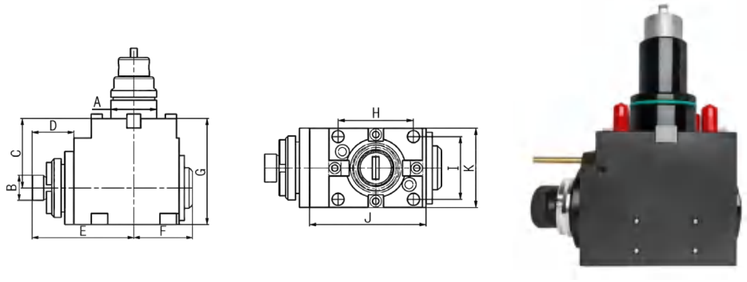
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	A	C	F	转速比 Speed ratio	转速 Rotational speed	锁紧方式 Locking method	夹头尺寸 Collet size	夹持范围 Clamping range	重量 m (kg)
BMT4012-0-ER16-38-I	40	38	50*60	1:1	12000Rpm	内锁 Internal locking	ER16	1-10mm	2.5
BMT4512-0-ER16-38-I	45	38	58*58	1:1	12000Rpm	内锁 Internal locking	ER16	1-10mm	3.4
BMT5512-0-ER16-38-I	55	38	64*64	1:1	12000Rpm	内锁 Internal locking	ER16	1-10mm	4.3

BMT-90 度增速动力刀座

BMT 90° Speed-increasing Live Tool Holder



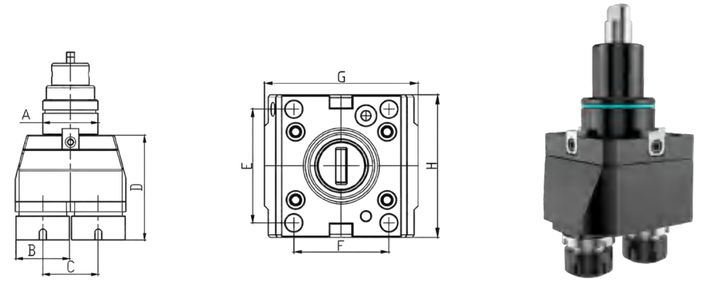
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	A	C	F	转速比 Speed ratio	转速 Rotational speed	锁紧方式 Locking method	夹头尺寸 Collet size	夹持范围 Clamping range	重量 m (kg)
BMT4012-90-ER16-SI-E	40	60	50*60	1:1	12000Rpm	外锁 External locking	ER16	1-10mm	3.7
BMT4512-90-ER16-SI-E	45	60	58*58	1:1	12000Rpm	外锁 External locking	ER16	1-10mm	5.3
BMT5512-90-ER16-SI-E	55	60	64*64	1:1	12000Rpm	外锁 External locking	ER16	1-10mm	6.7

BMT-0 度双出动力刀座

BMT 0° Dual-output Live Tool Holder

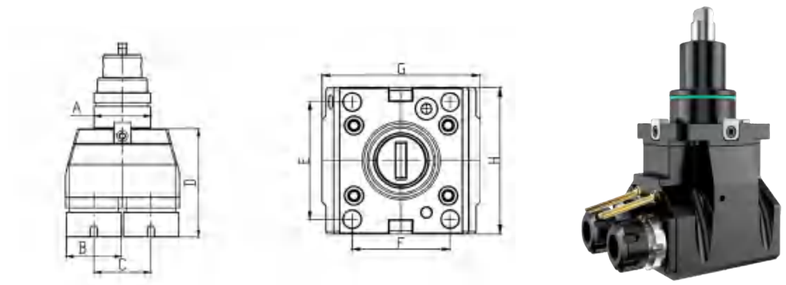


› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	A	C	F	转速比 Speed ratio	转速 Rotational speed	锁紧方式 Locking method	夹头尺寸 Collet size	夹持范围 Clamping range	重量 m (kg)
BMT4012-0-ER16-DO-E	40	40	50*56	1:1	4000RPM	外锁 External locking	ER16	1-10mm	3.6
BMT4512-0-ER16-DO-E	45	48	58*58	1:1	4000RPM	外锁 External locking	ER16	1-10mm	3.9
BMT5512-0-ER16-DO-E	55	56	64*64	1:1	4000RPM	外锁 External locking	ER16	1-10mm	4.2
BMT6512-0-ER16-DO-E	65	56	70*73	1:1	4000RPM	外锁 External locking	ER16	1-10mm	4.5

BMT-Y 字型双出动力刀座
BMT Y-type Dual-output Live Tool Holder

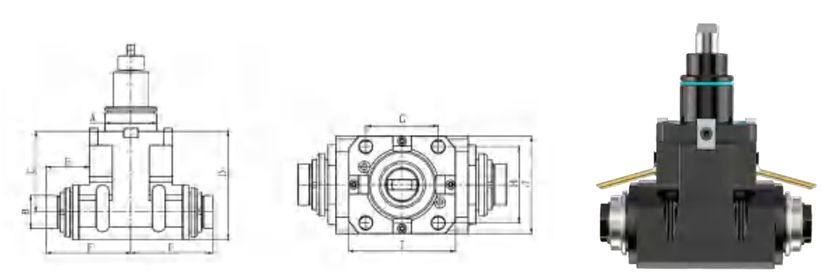


› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	A	C	D	F	转速比 Speed ratio	转速 Rotational speed	锁紧方式 Locking method	夹头尺寸 Collet size	夹持范围 Clamping range	重量 m (kg)
BMT4012-90-ER16-YDO-E	40	50	85	50*56	1:1	4000RPM	外锁 External locking	ER16	1-10mm	11
BMT4512-90 -ER20-YDO-E	45	56	85	58*58	1:1	4000RPM	外锁 External locking	ER20	1-13mm	12
BMT5512-90-ER20-YDO-E	55	56	85	64*64	1:1	4000RPM	外锁 External locking	ER20	1-13mm	12.4
BMT6512-90-ER20-YDO-E	65	56	100	70*73	1:1	4000RPM	外锁 External locking	ER20	1-13mm	13.5

BMT-T 字型双出动力刀座
BMT T-type Dual-output Live Tool Holder

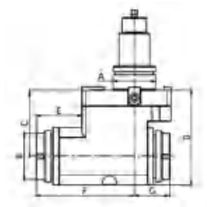


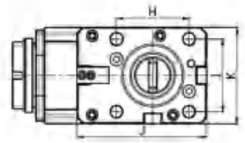
› 技术参数 | Technical parameters

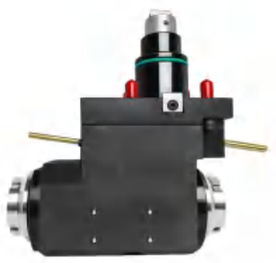
单位 | Unit：mm

订货号 Ordering code	A	C	F	转速比 Speed ratio	转速 Rotational speed	锁紧方式 Locking method	夹头尺寸 Collet size	夹持范围 Clamping range	重量 m (kg)
BMT4012-90-ER16-TDO-E	40	85	50*56	1:1	4000RPM	外锁 External locking	ER16	1-10mm	4.5
BMT4512-90-ER25-TDO-E	45	85	58*58	1:1	4000RPM	外锁 External locking	ER25	1-16mm	6
BMT5512-90-ER25-TDO-E	55	85	64*64	1:1	4000RPM	外锁 External locking	ER32	2-20mm	8.5
BMT6512-90-ER25-TDO-E	65	100	70*73	1:1	4000RPM	外锁 External locking	ER32	2-20mm	10

BMT- 后缩式双出动力刀座
BMT Retractable Dual-output Live Tool Holder





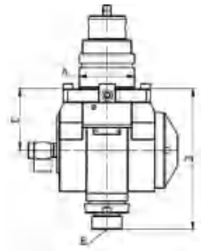


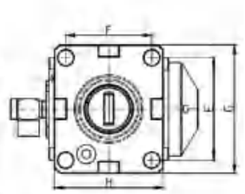
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	A	B	C	锁紧方式 Locking method	D	E	F	G	H	I	J	K	重量 m (kg)
BMT55-90-SC-HS-ER32-85-E	55	ER32	85	外锁 External locking	121.5	70.4	137.9	57.9	64	64	115	85	9.5
BMT55-90-SC-HS-ER32-85-I	55	ER32	85	内锁 Internal locking	121.5	58.5	126	46	64	64	115	85	9.5
BMT55-90-SC-HS-ER32-100-E	55	ER32	100	外锁 External locking	146.5	70.4	137. 9	57.9	64	64	115	85	11.5
BMT55-90-SC-HS-ER32-100-I	55	ER32	100	内锁 Internal locking	146.5	58.5	126	46	64	64	115	85	11.5

BMT 万向动力刀座
BMT Universal Live Tool Holder







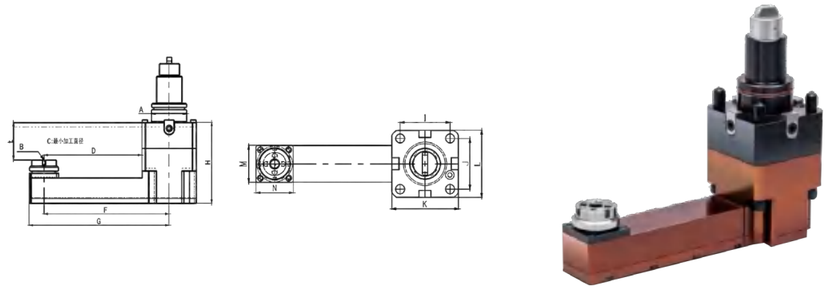
- 可调角度：±90°
- Adjustable: ±90°

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	A	C	F	转速比 Speed ratio	转速 Rotational speed	锁紧方式 Locking method	夹头尺寸 Collet size	夹持范围 Clamping range	重量 m (kg)
BMT4012-ER16-UL-45-E	40	45	50*60	1:1	3000RPM	外锁 External locking	ER16	1-10mm	3
BMT4512-ER16-UL-55-E	45	55	58*58	1:1	3000RPM	外锁 External locking	ER16	1-10mm	4.2
BMT5512-ER16-UL-55-E	55	55	64*64	1:1	3000RPM	外锁 External locking	ER16	1-10mm	4.5
BMT6512--ER16-UL-65-E	65	65	70*73	1:1	3000RPM	外锁 External locking	ER16	1-10mm	5.8

BMT 内槽动力刀座
BMT Internal Grooving Live Tool Holder



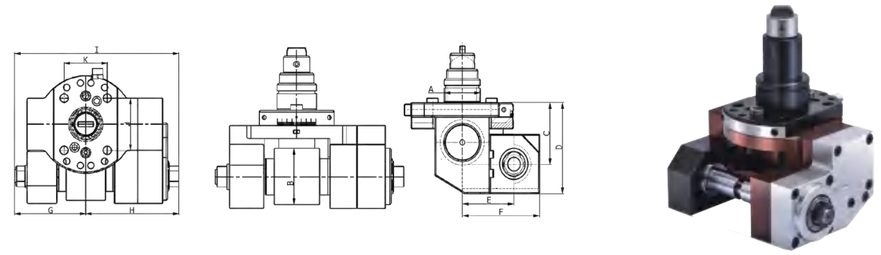
- 转速比为 1:1
- Speed ratio: 1:1

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧方式 Locking method	A	B	C	D	E	F	G	H	I	J	K	L	M	N
BMT55-NC	内锁 Internal locking	55	ER16	80	157.5	200	60	223.5	127.5	64	64	85	85	47	47
BMT55-NC-D22	侧固 Side clamping	55	刀具直径 3MM Tool diameter 3MM	22	50	112.5	60	120.5	97.5	64	64	85	85	16	16
BMT55-NC-D25	侧固 Side clamping	55	刀具直径 3MM Tool diameter 3MM	25	67.5	110	51.5	118	73.5	64	64	85	85	16	16

BMT 滚齿动力刀座
BMT Hobbing Live Tool Holder



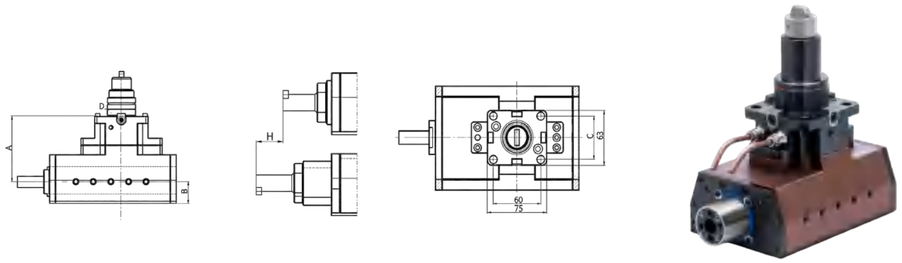
- 可调角度：±20°
- 转速比为 1:1/1:2
- Adjustable：±20°
- Speed ratio: 1:1 or 1:2

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	A	B	C	D	E	F	G	H	I	J	K	重量 m (kg)
BMT40-GC	40	MAX ∅ 65×55	65	96.5	60	60	82	107	189	60	50	8.3
BMT45-GC	45	MAX ∅ 70×70	73.5	105	60.5	91.5	90	115	205.5	58	58	9.5
BMT55-GC	55	MAX ∅ 70×70	73.5	105	60.5	91.5	90	115	205.5	64	64	9.8
BMT65-GC	65	MAX ∅ 70×70	81	112.5	60.5	91.5	96	121	217	70	73	11.5
BMT75-GC	75	MAX ∅ 70×85	81	112.5	60.5	91.5	108.5	113.5	242	90	90	12.3

BMT 插槽动力刀座
BMT Slotting Live Tool Holder



- 冲程数为 400
- 最大加工宽度为 8mm
- 最大吃刀量为 0.1mm
- 适配刀具规格为定制刀具

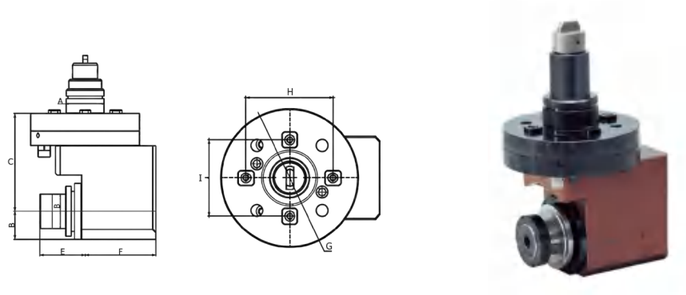
- Stroke length: 400 mm
- Max. machining width: 8 mm
- Max. depth of cut: 0.1 mm
- Applicable tool specification: custom tool

› 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	A	B	C	D	E	F	G	H	重量 m (kg)
BMT40-CC	85	29	50	40	60	75	63	32	9
BMT45-CC	85	29	58	45	58	85	75	32	10.2
BMT55-CC	85	29	64	55	64	90	85	32	11
BMT65-CC	85	29	73	65	70	104	94	32	12

BMT 外旋风铣动力刀座
BMT External Whirling Live Tool Holder



- 转速为 4000RPM
- 转速比为 1:1
- 适配刀具规格为定制刀具

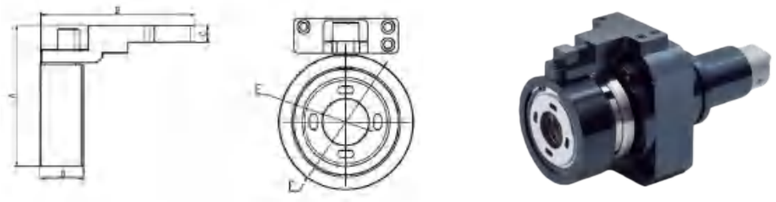
- Speed: 4000 RPM
- Speed ratio: 1:1
- Applicable tool specification: custom tool

› 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	A	B	C	D	E	F	G	H	I
BMT40-35-EW	40	35	100	28.5	47.8	74.2	115	60	50
BMT45-35-EW	45	35	100	28.5	47.8	74.2	120	58	58
BMT55-35-EW	55	35	100	36.5	53	90	135	64	64

BMT-0 度中心出水动力刀座
BMT 0° Through-coolant Live Tool Holder



- 需要通水运行
- 承受水压 150Mpa
- 适配刀具规格为标准 ER 夹头

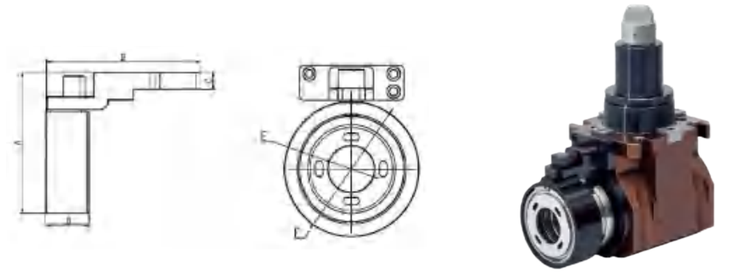
- Requires through-coolant operation
- Withstands water pressure: 150 MPa
- Applicable tool specification: standard ER collet

› 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	A	B	C	D	E	F
BMT40-0-ER20-TC	73	80	9	23	ER20	53
BMT40-0-ER25-TC	86	80	16.8	25	ER25	63
BMT45-0-ER25-TC	84	84	11.8	25	ER25	63
BMT55-0-ER25-TC	88	74.5	10	25	ER25	63
BMT55-0-ER32-TC	97	74.5	10	26	ER32	77
BMT65-0-ER40-TC	105	84	17.7	29.7	ER40	80

BMT-90 度中心出水动力刀座
BMT 90° Through-coolant Live Tool Holder



- 需要通水运行
- 承受水压 150Mpa
- 适配刀具规格为标准 ER 夹头

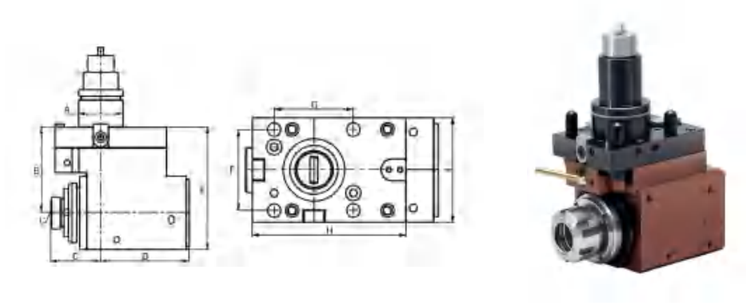
- Requires through-coolant operation
- Withstands water pressure: 150 MPa
- Applicable tool specification: standard ER collet

› 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	A	B	C	D	E	F
BMT40-90-ER20-TC	86	60	16	23	ER20	53
BMT40-90-ER25-TC	88	62	16	25	ER25	63
BMT45-90-ER25-TC	90	61	25	25	ER25	63
BMT55-90-ER25-TC	90.5	57.5	20	25	ER25	63
BMT55-90-ER32-TC	90.5	57.5	20	26	ER32	77
BMT65-90-ER40-TC	111.5	52	26	29.7	ER40	80

BMT 后缩动力刀座
BMT Retractable Live Tool Holder



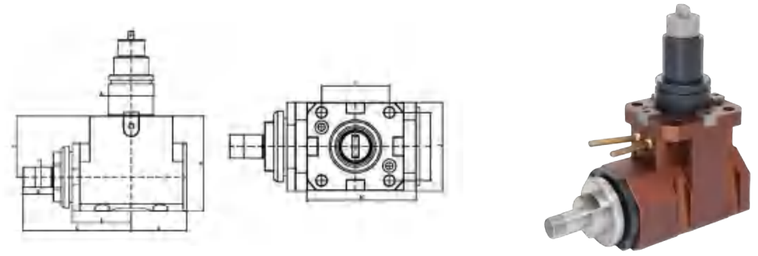
- 转速为 4000RPM
- 转速比为 1:1
- Speed: 4000 RPM
- Speed ratio: 1:1

› 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	A	B	C	D	E	F	G	H	I
BMT45-RT	45	85	61	90.5	121.5	58	58	112.5	75
BMT55-RT	55	85	61	90.5	121.5	64	64	115	85

BMT-90 度砂轮动力刀座
BMT 90° Grinding Wheel Live Tool Holder



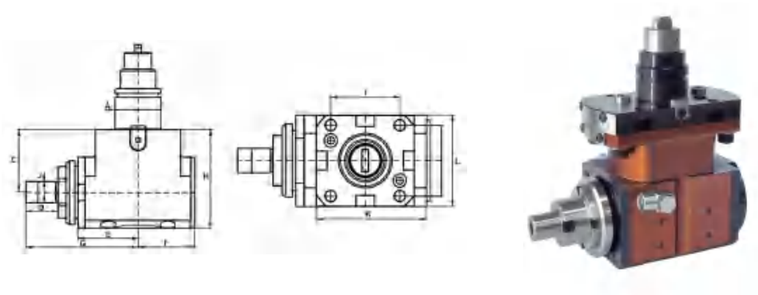
- 转速为 6000RPM
- 转速比为 1:1
- Speed: 6000 RPM
- Speed ratio: 1:1

› 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	锁紧方式 Locking method	A	B	C	D	E	F	G	H	I	J	K
BMT45-90-60-SL-D20	螺母锁固 Nut locking	45	D20	60	30	58.5	55	107.7	93.5	58	75	93.5
BMT55-90-60-J-SL-D32	螺母锁固 Nut locking	55	D32	60	65	65.5	53.5	157.8	96.5	64	85	99

BMT 车齿动力刀座
BMT Gear Turning Live Tool Holder



- 转速为 4000RPM
- 可调角度：±25°
- 适配刀具规格为莫氏二号锥柄、莫氏三号锥柄及碗形车齿刀

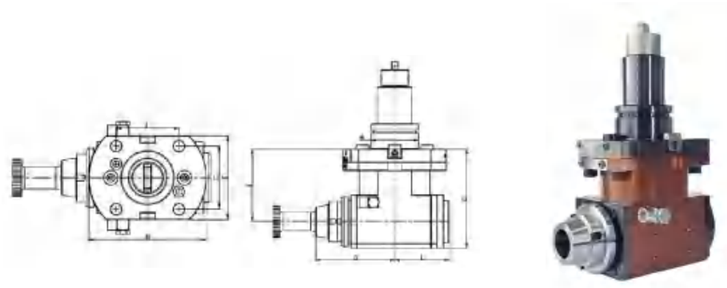
- Speed: 4000 RPM
- Adjustable: ±25°
- Applicable tool specification: MT2 shank, MT3 shank, and bowl-type gear turning tool

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	A	B	C	D	E	F	G	H	I	J	K
BMT40-CNC	D19	40	85	25	67.5	64.5	116.5	60	50	120	63	19.05
BMT45-CNC	D19	45	85	25	67.5	64.5	116.5	58	58	120	75	19.05
BMT55-CNC	D19	55	85	25	67.5	64.5	116.5	64	64	120	85	19.05

BMT 车齿动力刀座(莫氏锥柄)
BMT Gear Turning Live Tool Holder (with Morse Taper Shank)



- 转速为 4000RPM
- 可调角度：±25°
- 适配刀具规格为莫氏二号锥柄、莫氏三号锥柄及碗形车齿刀

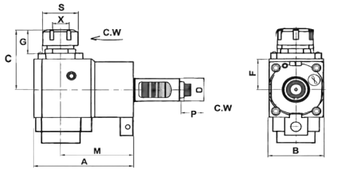
- Speed: 4000 RPM
- Adjustable: ±25°
- Applicable tool specification: MT2 shank, MT3 shank, and bowl-type gear turning tool

› 技术参数 | Technical parameters

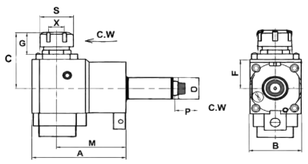
单位 | Unit：mm

订货号 Ordering code	A	B	C	D	E	F	G	H	I
BMT40-CNCMTS	MT2	40	85	116.5	67.5	64.5	60	60	120	73
BMT45-CNCMTS	MT2	45	85	116.5	67.5	64.5	58	58	120	75
BMT55-CNCMTS	MT2	55	85	116.5	67.5	64.5	64	64	120	85
BMT55-CNCMTS	MT3	55	85	116.5	92.3	64.5	64	64	120	85

VDI 径向钻铣刀座
VDI Radial Drill-Mill Live Tool Holder



左手



右手



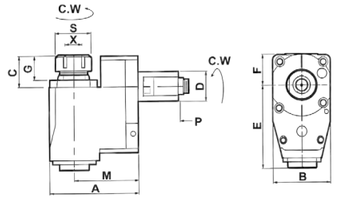
- 转速比为 1:1
- Speed ratio: 1:1

› 技术参数 | Technical parameters

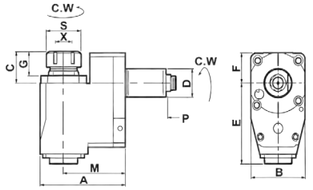
单位 | Unit：mm

订货号 Ordering code	D	X	S	Maximum	I	A	B	C	F	G	M	P
	DIN 69880	Capacity		R.P.M								DIN5480
BS-VDI-ER25-RDM-87	30	1-16ER25	42	6000	1:01	87	64	77.5	36	30	55	W16X0.8
BS-VDI-ER25-RDM-117	30	1-16ER25	42	6000	1:01	117	64	77.5	36	30	85	W16X0.8
BS-VDI-ER25-RDM-132	30	1-16ER25	42	6000	1:01	132	64	77.5	36	30	100	W16X0.8
BS-VDI-ER32-RDM-103	40	2-20ER32	50	6000	1:01	103	76	89.5	40	36.5	65	W20X0.8
BS-VDI-ER32-RDM-123	40	2-20ER32	50	6000	1:01	123	76	89.5	40	36.5	85	W20X0.8
BS-VDI-ER32-RDM-138	40	2-20ER32	50	6000	1:01	138	76	89.5	40	36.5	100	W20X0.8

VDI 径向钻铣刀座（后缩型）
VDI Radial Drill-Mill Live Tool Holder (Retractable)



左手



右手



- 转速比为 1:1
- Speed ratio: 1:1

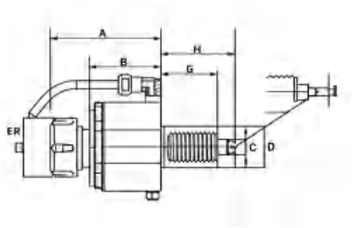
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	D	X	S	Maximum	I	A	B	C	E	F	G	M	P
	DIN 69880	Capacity		R.P.M									DIN5480
BS-VDI-ER16-RDMRT-88	20	1-10 ER16	30	5000	1:01	88	50	37	70	27	28.5	65	W11x0.8
BS-VDI-ER25-RDMRT-95	30	1-16 ER25	42	5000	1:01	95	60	41.5	75.5	31.5	28.5	72	W16x0.8
BS-VDI-ER32-RDMRT-124	40	2-20 ER32	50	5000	1:01	124	80	44	110	42	34	90	W20x0.8
BS-VDI-ER40-RDMRT-129	50	3-26 ER40	63	5000	1:01	129	86	49	112	42	39	90	W24x1.25

VDI 轴向动力刀座 -DIN1809

VDI Axial Live Tool Holder (DIN1809)





- 传动轴为 DIN1809
- 转速为 6000RPM
- 转速比为 1:1

- Drive shaft: DIN1809
- Speed: 6000 RPM
- Speed ratio: 1:1

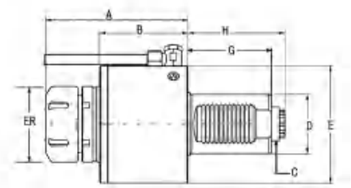
› 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	A	B	C	D	ER	H	G	J
VDI-30-1809-ER25	88	60	11.5	30	25	67	45	6
VDI-40-1809-ER32	92	55	18	40	32	72	51	8

VDI 轴向动力刀座 -DIN5480

VDI Axial Live Tool Holder (DIN5480)





- 传动轴为 DIN5480
- 转速为 6000RPM
- 转速比为 1:1

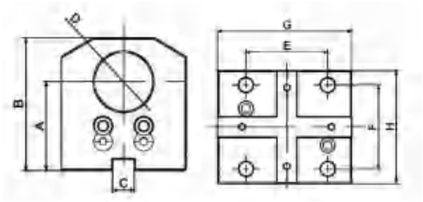
- Drive shaft: DIN5480
- Speed: 6000 RPM
- Speed ratio: 1:1

› 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	A	B	C	D	ER	E	H	G
VDI-30-5480-ER25-ET	100	68	W16*0.8	30	25	68	67	55
VDI-30-5480-ER25-ET	80	68	W16*0.8	30	25	68	67	55
VDI-40-5480-ER32-ET	95	62	W20*0.8	40	32	78	75	63
VDI-40-5480-ER32-ET	99	77	W20*0.8	40	32	78	75	63
VDI-50-5480-ER40-ET	119	80	W24*1.25	50	40	102	93	78

BMT 镗孔固定刀座
BMT Boring Fixed Tool Holder





- 刀座尺寸：BMT40/BMT45/BMT55/BMT65/BMT75/BMT85
- Tool holder size: BMT40/BMT45/BMT55/BMT65/BMT75/BMT85

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	E	F	刀方	定位块	中心高	重量 m (kg)
BMT40-2060-BF	50	60	20	12	60	3
BMT40-2560-BF	50	60	25	12	60	3
BMT40-2570-BF	50	60	25	12	70	3
BMT40-2580-BF	50	60	25	12	80	3
BMT40-2585-BF	50	60	25	12	85	3
BMT40-3260-BF	50	60	32	12	60	3
BMT40-3280-BF	50	60	32	12	80	3
BMT40-3285-BF	50	60	32	12	85	3
BMT45-2065-BF	58	58	20	15	65	3.5
BMT45-2565-BF	58	58	25	15	65	3.5
BMT45-2585-BF	58	58	25	15	85	3.5
BMT45-3265-BF	58	58	32	15	65	3.5
BMT45-3275-BF	58	58	32	15	75	3.5
BMT45-3285-BF	58	58	32	15	85	3.5
BMT45-4065-BF	58	58	40	15	65	3.5
BMT45-4070-BF	58	58	40	15	70	3.5
BMT45-4075-BF	58	58	40	15	75	3.5
BMT45-4085-BF	58	58	40	15	85	3.5

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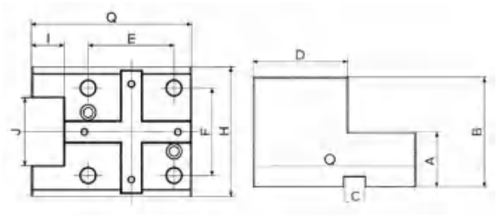
BMT 镗孔固定刀座
BMT Boring Fixed Tool Holder

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	E	F	刀方	定位块	中心高	重量 m (kg)
BMT55-2560-BF	64	64	25	15	60	4
BMT55-3260-BF	64	64	32	15	60	4
BMT55-3285-BF	64	64	32	15	85	4
BMT55-3295-BF	64	64	32	15	95	4
BMT55-32100-BF	64	64	32	15	100	4
BMT55-4060-BF	64	64	40	15	60	4
BMT55-4070-BF	64	64	40	15	70	4
BMT55-4080-BF	64	64	40	15	80	4
BMT55-4085-BF	64	64	40	15	85	4
BMT55-4095-BF	64	64	40	15	95	4
BMT55-40100-BF	64	64	40	15	100	4
BMT55-5060-BF	64	64	50	15	60	4
BMT55-5070-BF	64	64	50	15	70	4
BMT55-5085-BF	64	64	50	15	85	4
BMT65-4072-BF	73	70	40	18	72	6
BMT65-4085-BF	73	70	40	18	85	6
BMT65-40100-BF	73	70	40	18	100	6
BMT65-5072-BF	73	70	50	18	72	6
BMT65-50100-BF	73	70	50	18	100	6
BMT75-6090-BF	90	90	60	25	90	7.2
BMT75-5090-BF	90	90	50	25	90	7.2
BMT75-4090-BF	90	90	40	25	90	7.2
BMT75-40110-BF	90	90	40	25	110	8
BMT75-50110-BF	90	90	50	25	110	8
BMT75-60105-BF	90	90	60	25	105	8
BMT85-6085-BF	100	100	60	25	85	10
BMT85-4085-BF	100	100	40	25	85	10

BMT 外径固定刀座
BMT External Fixed Tool Holder





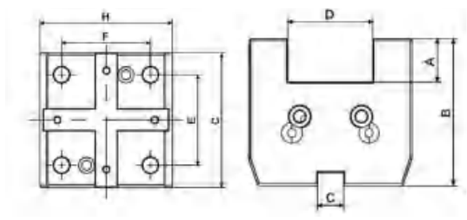
- 刀座尺寸：BMT40/BMT45/BMT55/BMT65/BMT75/BMT85
- Tool holder size: BMT40/BMT45/BMT55/BMT65/BMT75/BMT85

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	E	F	刀方	定位块	中心高	重量 m (kg)
BMT402055-EF	60	50	20	12	55	1.8
BMT452080-EF	58	58	20	15	80	3.2
BMT452580-EF	58	58	25	15	80	3.2
BMT552080-EF	64	64	20	15	80	3.8
BMT552580-EF	64	64	25	15	80	3.8
BMT652580-EF	73	70	25	18	80	4.7
BMT6532100-EF	73	70	32	18	100	4.7
BMT752585-EF	90	90	25	25	85	5.3
BMT753285-EF	90	90	32	25	85	5.3
BMT7540100-EF	90	90	40	25	100	5.3
BMT853295-EF	100	100	32	25	95	6.2
BMT8540115-EF	100	100	115	25	100	6.2

BMT 端面固定刀座
BMT Facing Fixed Tool Holder





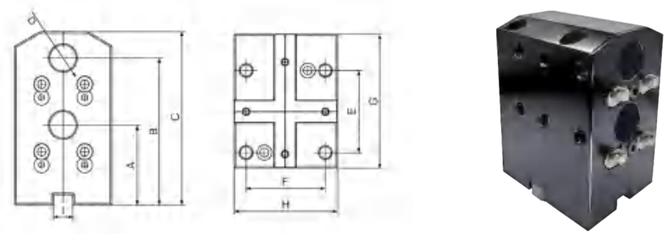
- 刀座尺寸：BMT40/BMT45/BMT55/BMT65/BMT75/BMT85
- Tool holder size: BMT40/BMT45/BMT55/BMT65/BMT75/BMT85

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	E	F	刀方	定位块	中心高	重量 m (kg)
BMT402045-FF	60	50	20	12	45	2.2
BMT452060-FF	58	58	20	15	60	3.6
BMT452560-FF	58	58	25	15	60	3.6
BMT452580-FF	58	58	25	15	80	3.6
BMT552060-FF	64	64	20	15	60	4.5
BMT552560-FF	64	64	25	15	60	4.5
BMT552580-FF	64	64	25	15	80	4.5
BMT652565-FF	73	70	25	18	65	5.4
BMT652575-FF	73	70	25	18	75	5.4
BMT6532100-FF	73	70	32	18	100	5.4
BMT752575-FF	90	90	25	25	75	6.1
BMT752590-FF	90	90	25	25	90	6.1
BMT753280-FF	90	90	32	25	80	6.1
BMT754075-FF	90	90	40	25	75	6.1
BMT7540115-FF	90	90	40	25	115	6.1
BMT854075-FF	100	100	40	25	75	7

BMT 双镗孔固定刀座
BMT Dual Boring Fixed Tool Holder



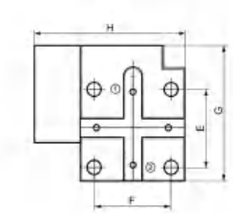
- 刀座尺寸：BMT40/BMT45/BMT55/BMT65
- Tool holder size: BMT40/BMT45/BMT55/BMT65

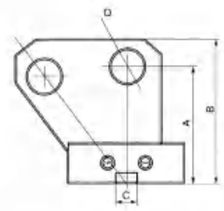
技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	E	F	刀方	定位块	中心高	重量 m (kg)
BMT-40-20-4075-BF	60	50	20	12	40/75	3.5
BMT40-25-4080-BF-G	60	50	25	12	40/80	3.5
BMT45-20-60110-BF	58	58	20	15	60/110	5.4
BMT45-25-5590-BF	58	58	25	15	55/90	5.4
BMT45-25-6095-BF-G	58	58	25	15	60/95	5.8
BMT55-25-65110-BF	64	64	25	15	65/110	6.4
BMT55-25-95135-BF	64	64	25	15	95/135	8.5
BMT55-25-60100-BF-G	64	64	25	15	60/100	6.4
BMT55-32-60105-BF-G	64	64	32	15	60/105	6.4
BMT65-25-65110-BF	73	70	25	18	65/110	8.6
BMT65-32-60105-BF-G	73	70	32	18	60/105	8.8

BMT 斜双镗孔固定刀座
BMT Angular Dual Boring Fixed Tool Holder







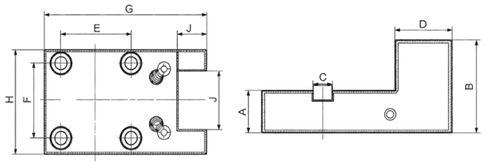
- 刀座尺寸：BMT45/BMT55
- Tool holder size: BMT45/BMT55

技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	E	F	刀方	定位块	中心高	重量 m (kg)
B45-S25-85-ABF	58	58	25	15	85	4.7
B55-S25-85-ABF	64	64	25	15	85	4.9

BMT 反外径固定刀座
BMT Reverse External Fixed Tool Holder





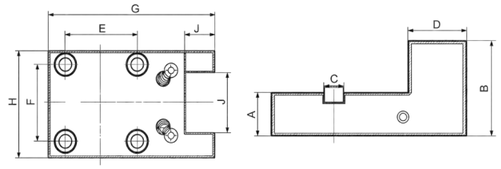
- 刀座尺寸：BMT40/BMT45/BMT55/BMT65/BMT75
- Tool holder size: BMT40/BMT45/BMT55/BMT65/BMT75

技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	E	F	刀方	定位块	中心高	重量 m (kg)
BMT402055-REF	60	50	20	12	55	2.4
BMT452566-REF	58	58	25	15	66	2.8
BMT452060-REF	58	58	20	15	60	2.8
BMT552566-REF	64	64	25	15	66	3.1
BMT652580-REF	73	70	25	18	80	3.8
BMT653290-REF	73	70	32	18	90	3.8
BMT753280-REF	90	90	32	25	80	4.6

BMT 单侧双外径固定刀座
BMT Single-side Dual External Fixed Tool Holder





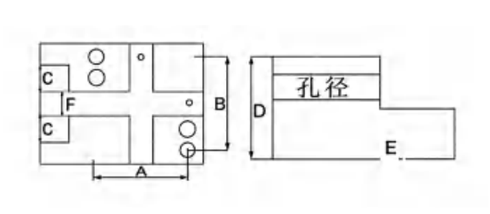
- 刀座尺寸：BMT40/BMT45/BMT55/BMT65
- Tool holder size: BMT40/BMT45/BMT55/BMT65

技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	A	B	刀方	定位块	中心高	重量 m (kg)
BMT40-12-55-SDEF	50	60	12	12	55	3.2
BMT40-16-55-SDEF	50	60	16	12	55	3.2
BMT45-16-70-SDEF	58	58	20	15	70	3.7
BMT45-20-70-SDEF	58	58	20	15	70	3.7
BMT55-20-80-SDEF	64	64	20	15	80	4.2
BMT65-25-80-SDEF	70	73	25	18	80	4.8

BMT 双外径加镗孔固定
BMT Dual External and Boring Fixed Tool Holder





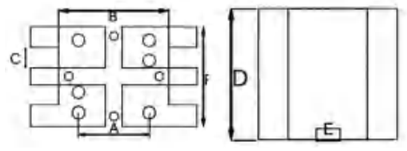
- 刀座尺寸：BMT40/BMT45
- Tool holder size: BMT40/BMT45

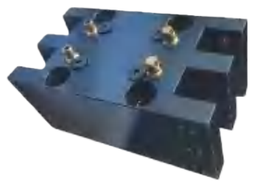
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	A	B	刀方	定位块	中心高	重量 m (kg)
BMT40-12-20-DEBF	50	60	12 方 /20 孔	12	60	3.2
BMT45-16-20-DEBF	58	58	16 方 /20 孔	15	60	3.7

BMT 双侧双外径固定刀座
BMT Double-sided Dual External Fixed Tool Holder





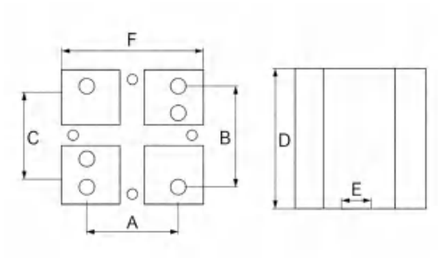
- 刀座尺寸：BMT45/BMT55
- Tool holder size: BMT45/BMT55

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	A	B	刀方	定位块	中心高	重量 m (kg)
BMT45-20-70-DREF	58	58	20	15	70	5.2
BMT55-20-80-DREF	64	64	20	15	80	5.8

BMT 双侧单外径固定刀座
BMT Double-sided Single External Fixed Tool Holder





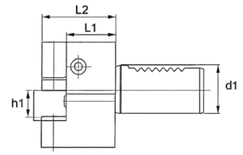
- 刀座尺寸：BMT40/BMT45
- Tool holder size: BMT40/BMT45

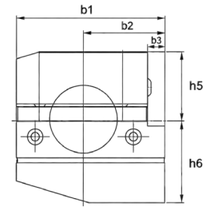
技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	A	B	刀方	定位块	中心高	重量 m (kg)
BMT45-20-70-DSEF	58	58	20	15	70	5.5
BMT45-25-80-DSEF	58	58	25	15	80	5.5
BMT55-20-80-DSEF	64	64	25	15	80	6
BMT65-25-80-DSEF	70	73	25	18	80	6.5

VDI 短型横向右刀夹
VDI Short Radial Right-hand Tool Holder





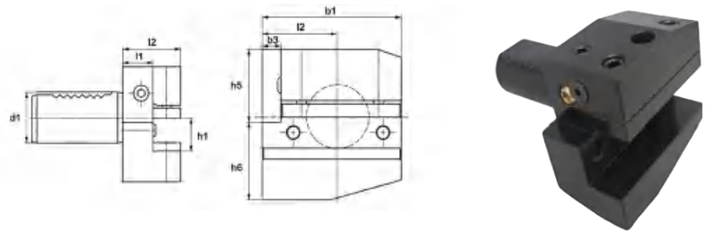


技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	d1	b1	b2	b3	h1	h5	h6	l1	l2
VDIB1-16-12-24	16	42	23	5	12	20	22	13	24
VDIB1-20-16-30	20	55	30	7	12/16	25	30	16	30
VDIB1-25-16-40	25	55	30	7	12/16	25	30	26	40
VDIB1-30-20-40	30	70	35	10	20/16	28	38	22	40
VDIB1-30-20-60	30	70	35	10	20/16	28	38	42	60
VDIB1-40-25-44	40	85	42.5	12.5	25/20	32.5	48	22	44
VDIB1-50-32-55	50	100	50	16	32/25	35	60	30	55
VDIB1-60-32-60	60	125	62.5	16	32/25	42.5	62.5	30	60

VDI 短型横向左刀夹
VDI Short Radial Left-hand Tool Holder

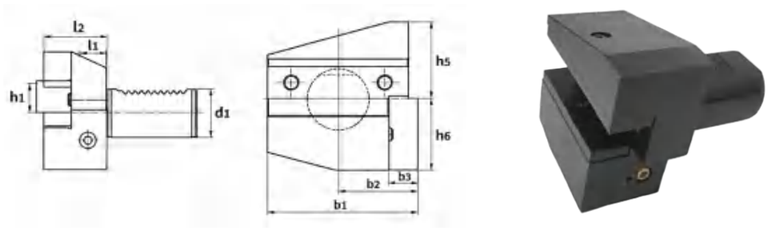


› 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	d1	b1	b2	b3	h1	h5	h6	l1	l2
VDIB2-16-12-24	16	42	23	23	12	20	22	13	24
VDIB2-20-16-30	20	55	30	30	12/16	25	30	16	30
VDIB2-25-16-40	25	55	30	30	12/16	25	30	26	40
VDIB2-30-20-40	30	70	35	35	20/16	28	38	22	40
VDIB2-30-20-60	30	70	35	35	20/16	28	38	42	60
VDIB2-40-25-44	40	85	42.5	42.5	25/20	32.5	48	22	44
VDIB2-50-32-55	50	100	50	50	32/25	35	60	30	55
VDIB2-60-32-60	60	125	62.5	62.5	32/25	42.5	62.5	30	60

VDI 短型横向反切右刀夹
VDI Short Radial Reverse Right-hand Tool Holder

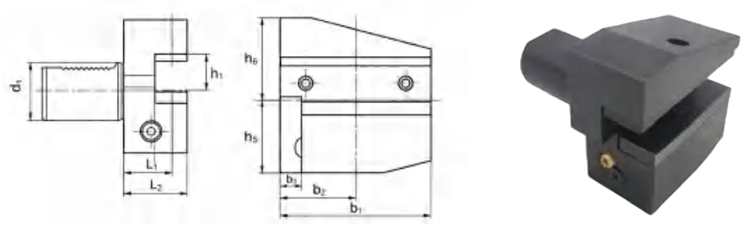


› 技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	d1	b1	b2	b3	h1	h5	h6	l1	l2
VDIB3-16-12-24	16	42	23	5	12	20	22	13	24
VDIB3-20-16-30	20	55	30	7	12/16	25	30	16	30
VDIB3-25-16-40	25	55	30	7	12/16	25	30	26	40
VDIB3-30-20-40	30	70	35	10	20/16	35	38	22	40
VDIB3-30-20-60	30	70	35	10	20/16	35	38	42	60
VDIB3-40-25-44	40	85	42.5	12.5	25/20	42.5	48	22	44
VDIB3-50-32-55	50	100	50	16	32/25	50	60	30	55
VDIB3-60-32-60	60	125	62.5	16	32/25	62.5	62.5	30	60

VDI 短型横向反切左刀夹
VDI Short Radial Reverse Left-hand Tool Holder

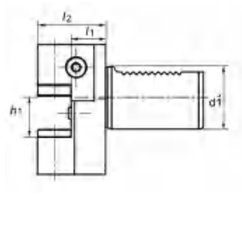


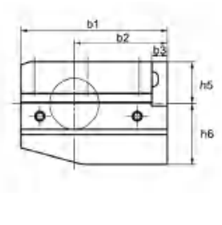
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	d1	b1	b2	b3	h1	h5	h6	l1	l2
VDIB4-16-12-24	16	42	23	5	12	20	22	13	24
VDIB4-20-16-30	20	55	30	7	12/16	25	30	16	30
VDIB4-25-16-40	25	55	30	7	12/16	25	30	26	40
VDIB4-30-20-40	30	70	35	10	20/16	35	38	22	40
VDIB4-30-20-60	30	70	35	10	20/16	35	38	42	60
VDIB4-40-25-44	40	85	42.5	12.5	25/20	42.5	48	22	44
VDIB4-50-32-55	50	100	50	16	32/25	50	60	30	55
VDIB4-60-32-60	60	125	62.5	16	32/25	62.5	62.5	30	60

VDI 长型横向右刀夹
VDI Long Radial Right-hand Tool Holder





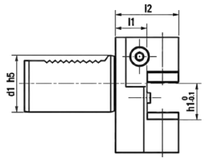


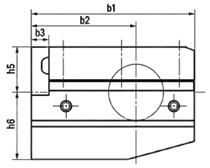
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	d1	b1	b2	b3	h1	h5	h6	l1	l2
VDIB5R-16-12-24	16	58	39	5	12	20	22	13	24
VDIB5R-20-16-30	20	75	50	7	12/16	25	30	16	30
VDIB5R-25-16-30	25	75	50	7	12/16	25	30	16	30
VDIB5R-25-16-40	25	75	50	7	12/16	25	30	26	40
VDIB5R-30-20-40	30	100	65	10	20/16	28	38	22	40
VDIB5R-30-20-60	30	100	65	10	20/16	28	38	42	60
VDIB5R-40-25-44	40	118	75.5	12.5	25/20	32.5	48	22	44
VDIB5R-50-32-55	50	130	80	16	32/25	35	60	30	55
VDIB5R-60-32-60	60	145	82.5	16	32/25	42.5	62.5	30	60

VDI 长型横向左刀夹
VDI Long Radial Left-hand Tool Holder





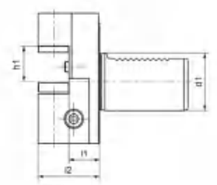


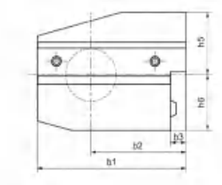
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	d1	b1	b2	b3	h1	h5	h6	l1	l2
VDIB5L-16-12-24	16	58	39	5	12	20	22	13	24
VDIB5L-20-16-30	20	75	50	7	12/16	25	30	16	30
VDIB5L-25-16-30	25	75	50	7	12/16	25	30	16	30
VDIB5L-25-16-40	25	75	50	7	12/16	25	30	26	40
VDIB5L-30-20-40	30	100	65	10	20/16	28	38	22	40
VDIB5L-30-20-60	30	100	65	10	20/16	28	38	42	60
VDIB5L-40-25-44	40	118	75.5	12.5	25/20	32.5	48	22	44
VDIB5L-50-32-55	50	130	80	16	32/25	35	60	30	55
VDIB5L-60-32-60	60	145	82.5	16	32/25	42.5	62.5	30	60

VDI 长型横向反切右刀夹
VDI Long Radial Reverse Right-hand Tool Holder





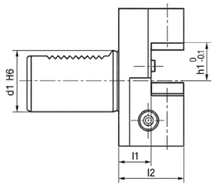


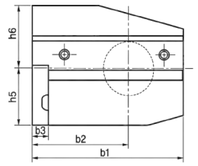
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	d1	b1	b2	b3	h1	h5	h6	l1	l2
VDIB7-16-12-24	16	58	39	5	12	20	22	13	24
VDIB7-20-16-30	20	75	50	7	12/16	25	30	16	30
VDIB7-25-16-30	25	75	50	7	12/16	25	30	16	30
VDIB7-25-16-40	25	75	50	7	12/16	25	30	26	40
VDIB7-30-20-40	30	100	65	10	20/16	35	38	22	40
VDIB7-30-20-60	30	100	65	10	20/16	35	38	42	60
VDIB7-40-25-44	40	118	75.5	12.5	25/20	42.5	48	22	44
VDIB7-50-32-55	50	130	80	16	32/25	50	60	30	55
VDIB7-60-32-60	60	145	82.5	16	32/25	62.5	62.5	30	60

VDI 长型横向反切左刀夹
VDI Long Radial Reverse Left-hand Tool Holder





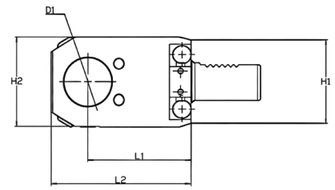


› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	d1	b1	b2	b3	h1	h5	h6	l1	l2
VDIB7-16-12-24-L	16	58	39	5	12	20	22	13	24
VDIB7-20-16-30-L	20	75	50	7	12/16	25	30	16	30
VDIB7-25-16-30-L	25	75	50	7	12/16	25	30	16	30
VDIB7-25-16-40-L	25	75	50	7	12/16	25	30	26	40
VDIB7-30-20-40-L	30	100	65	10	20/16	35	38	22	40
VDIB7-30-20-60-L	30	100	65	10	20/16	35	38	42	60
VDIB7-40-25-44-L	40	118	75.5	12.5	25/20	42.5	48	22	44
VDIB7-50-32-55-L	50	130	80	16	32/25	50	60	30	55
VDIB7-60-32-60-L	60	145	82.5	16	32/25	62.5	62.5	30	60

VDI 径向侧固式 T1 内孔刀座
VDI Radial Side-clamping T1 Internal Tool Holder





› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	D1	H1	H2	H3	L1	L2
VDIT1-3032-H65	32	65	52	62	65	90
VDIT1-3032-H85	32	65	52	62	85	108
VDIT1-3032-H100	32	65	52	62	100	123
VDIT1-3032-H120	32	65	52	62	120	143
VDIT1-3040-H85	40	—	65	85	85	112
VDIT1-3050-H85	50	-	80	85	85	123
VDIT1-4032-H85	32	80	65	85	85	112
VDIT1-4040-H85	40	80	65	85	85	112
VDIT1-4040-H100	40	80	65	85	100	127
VDIT1-4040-H120	40	80	65	85	120	147
VDIT1-4040-H140	40	80	65	85	140	167
VDIT1-5040-H100	40	90	80	96	100	137
VDIT1-5050-H100	50	90	80	96	100	137
VDIT1-5050-H110	50	90	82	96	110	147
VDIT1-5060-H110	60	98	104	96	110	152

PSC 接纳器
PSC CLAMPING UNIT

凸轮锁紧结构，换刀便捷 01
Cam locking device, make
changing the tool timely



02 配合 PSC 接口的刀具使用
Used with tools of PSC interface

03 可实现左右手刀具互换
Realize the exchange of
left and right hand tools

命名方式 Naming And Coding Rules

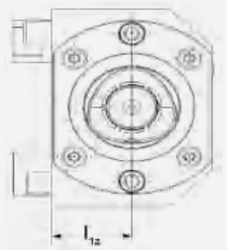
PSC40	-	R	CUSA	-	24	043	M
01		02	03		04	05	06

01 接口规格 Coupling Type	
PSC	32
	40
	50
	63
	80
	80X

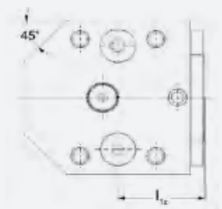
02 刀体方向 Hand of Tool	
L	左手方 Left
R	右手方向 Right
N	不区分左右手方向 Null

02 产品种类 Production Type	
CUSA	通用接纳器 General Purpose Receiver
CVDI	VDI 接纳器 VDI Receiver
CSQUA	卧式刀塔接纳器 Horizontal Lathe Receiver
CSQIR	方柄型接纳器 Square Shank Internal Receiver
CVDI	中心拉钉夹紧 Center Pull Stud Clamping Receiver
CHYD	液压驱动接纳器 Hydraulic Actuated Receiver

04 l1z Size

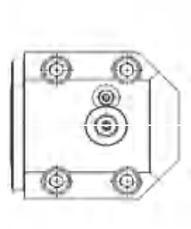


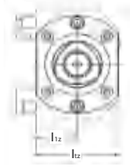
05 l1x Size

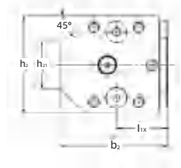


06 制式 Format	
M	标准款 Standard

CUSA 型 CUSA







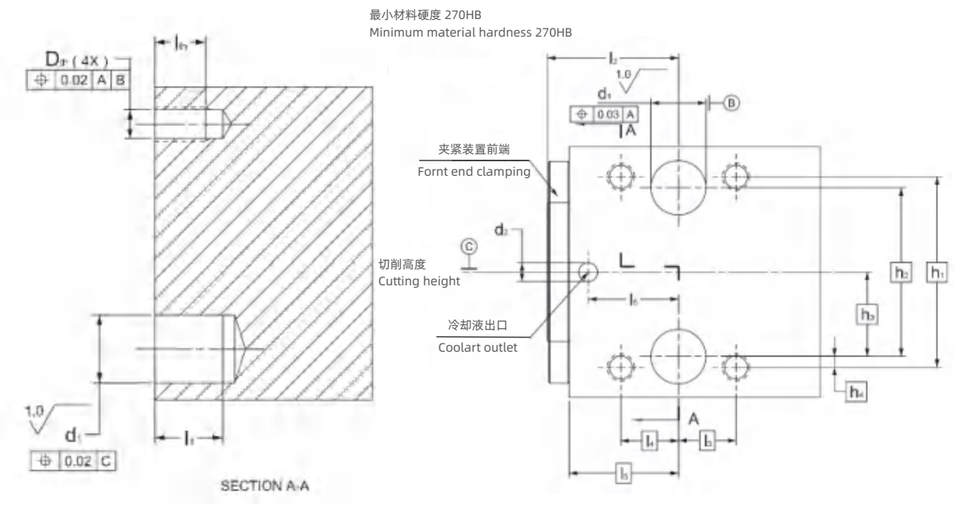


› 技术参数 | Technical parameters

单位 | Unit: mm

接口尺寸 PSC size	订货号 Ordering code	b2	h2	h21	l1x	l1z	ltz	重量 m (kg)
PSC32	PSC32-RCUSA-19039	73	54	30	39	19	38	1.30
PSC32	PSC32-LCUSA-19039	73	54	30	39	19	38	1.30
PSC40	PSC40-RCUSA-24043	86	77	38	43	24	48	2.26
PSC40	PSC40-LCUSA-24043	86	77	38	43	24	48	2.26
PSC50	PSC50-RCUSA-32048	100	92	44	48	32	64	3.74
PSC50	PSC50-LCUSA-32048	100	92	44	48	32	64	3.74
PSC63	PSC63-RCUSA-42060	122	105	37	60	42	84	7.10
PSC63	PSC63-LCUSA-42060	122	105	37	60	42	84	7.10
PSC80	PSC80-RCUSA-50088	146	133	133	88	50	100	13.25
PSC80	PSC80-LCUSA-50088	146	133	133	88	50	100	13.25

夹紧装置 R\L RUSA 应用设计说明
Clamping Device R \ L Rusa Application Design Description

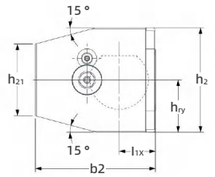


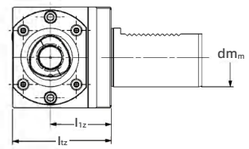
› 技术参数 | Technical parameters

单位 | Unit：mm

夹紧装置 Clamping device	d1 (H7)	d2	h1	h2	h3	h4	l1 (min)	l2	l3	l4	l5	l6	lth (min)	Dth
PSC32R\LCUSA19039	12	5	42	39	19.5	1.5	8.5	39	19	19	33.5	28	7.5	M6
PSC40R\LCUSA24043	16	7	60	55	27.5	2.5	11	43	19	19	36.5	30	11	M8
PSC50R\LCUSA32048	20	7	70	62	31	4	12	48	21	21	39.5	33	13	M10
PSC63R\LCUSA42060	25	10	82	71	35.5	5.5	20	60	24.5	24.5	50.5	41	12	M10
PSC80R\LCUSA50088	32	11	110	92	46	9	20	88	43	43	76	63	14.5	M12

VDI 外圆车刀接纳器
VDI External Receiver





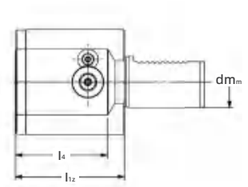


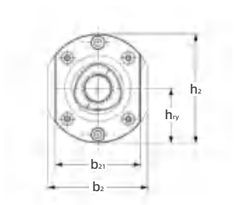
› 技术参数 | Technical parameters

单位 | Unit：mm

VDI 尺寸 VDI size	接口尺寸 PSC size	订货号 Ordering code	b2	hry	h2	h21	l1x	l1z	ltz	重量 m (kg)
30	PSC32	PSC32-RCVDI30-41020M	74	30	57	38	20	41	60	2.1
30	PSC32	PSC32-LCVDI30-41020M	74	30	57	38	20	41	60	2.1
30	PSC32	PSC32-RCVDI30-41030M	73	30	57	41	30	41	60	2.2
30	PSC32	PSC32-LCVDI30-41030M	73	30	57	41	30	41	60	2.2
40	PSC40	PSC40-RCVDI40-51030M	86	38	75	54	30	51	75	3.2
40	PSC40	PSC40-LCVDI40-51030M	86	38	75	54	30	51	75	3.2
40	PSC40	PSC40-RCVDI40-51040M	86	38	75	60	40	51	75	3.2
40	PSC40	PSC40-LCVDI40-51040M	86	38	75	60	40	51	75	3.2
40	PSC50	PSC50-RCVDI40-53030M	99	41	82	47	30	53	85	5.7
40	PSC50	PSC50-LCVDI40-53030M	99	41	82	47	30	53	85	5.7
40	PSC50	PSC50-RCVDI40-53040M	99	41	82	53	40	53	85	5.7
40	PSC50	PSC50-LCVDI40-53040M	99	41	82	53	40	53	85	5.7
50	PSC40	PSC40-RCVDI50-41030M	86	43	86	66	30	41	65	5.7
50	PSC40	PSC40-LCVDI50-41030M	86	43	86	66	30	41	65	5.7
50	PSC50	PSC50-RCVDI50-53030M	99	43	86	59	30	53	85	5.7
50	PSC50	PSC50-LCVDI50-53030M	99	43	86	59	30	53	85	5.7
50	PSC50	PSC50-RCVDI50-53040M	99	43	86	65	40	53	85	5.7
50	PSC50	PSC50-LCVDI50-53040M	99	43	86	65	40	53	85	5.7
60	PSC50	PSC50-RCVDI60-43040M	99	53	94	76	40	43	75	5.7
60	PSC50	PSC50-LCVDI60-43040M	99	53	94	76	40	43	75	5.7
60	PSC63	PSC63-RCVDI60-53040M	122	53	105	70	40	53	95	6
60	PSC63	PSC63-LCVDI60-53040M	122	53	105	70	40	53	95	6

VDI 内圆车刀接纳器
VDI Internal Receiver





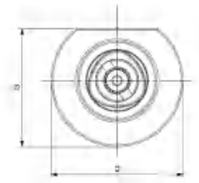


› 技术参数 | Technical parameters

单位 | Unit: mm

VDI 尺寸 VDI size	接口尺寸 PSC size	订货号 Ordering code	b21	b2	hry	h2	l1z	l4	重量 m (kg)
30	PSC32	PSC32-RCVDI30-00060M	38	50	34	61	60	44	1
30	PSC32	PSC32-LCVDI30-00060M	38	50	34	61	60	44	1
40	PSC40	PSC40-RCVDI40-00075M	48	75	41	75	75	53	2.2
40	PSC40	PSC40-LCVDI40-00075M	48	75	41	75	75	53	2.2
50	PSC40	PSC40-RCVDI50-00065M	64	75	41	82	85	72	3.2
50	PSC40	PSC40-LCVDI50-00065M	64	75	41	82	85	72	3.2
40	PSC50	PSC50-RCVDI40-00085M	48	70	49	83	65	39	2.2
40	PSC50	PSC50-LCVDI40-00085M	48	70	49	83	65	39	2.2
50	PSC50	PSC50-RCVDI50-00085M	64	83	49	91	85	62	3.2
50	PSC50	PSC50-LCVDI50-00085M	64	83	49	91	85	62	3.2
60	PSC50	PSC50-RCVDI60-00075M	64	80	58	100	75	56	5.7
60	PSC50	PSC50-LCVDI60-00075M	64	80	58	100	75	56	5.7
60	PSC63	PSC63-RCVDI60-00095M	84	84	58	111	95	50	6.1
60	PSC63	PSC63-LCVDI60-00095M	84	84	58	111	95	50	6.1

VDI 机床接口中心拉钉夹紧
VDI Machine Tool Interface Center Pull Stud Clamping





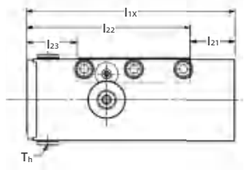
› 技术参数 | Technical parameters

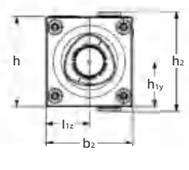
单位 | Unit: mm

接口尺寸 Size	接口尺寸 PSC size	订货号 Ordering code	Dm	D1	l1	l2	l3	重量 m (kg)
30	PSC32	PSC32-NCVDI30-035M	32	30	35	68	62	0.8
30	PSC40	PSC40-NCVDI30-060M	40	30	60	68	62	0.9
40	PSC32	PSC32-NCVDI40-030M	32	40	30	83	74	1.4
40	PSC40	PSC40-NCVDI40-030M	40	40	30	83	74	1.5
40	PSC50	PSC50-NCVDI40-045M	50	40	45	83	74	1.6
40	PSC63	PSC63-NCVDI40-090M	63	40	90	83	74	2.5
50	PSC32	PSC32-NCVDI50-035M	32	50	35	98	84	2.4
50	PSC40	PSC40-NCVDI50-040M	40	50	40	98	84	2.5
50	PSC50	PSC50-NCVDI50-050M	50	50	50	98	84	2.6
50	PSC63	PSC63-NCVDI50-070M	63	50	70	98	84	3.1
50	PSC80	PSC80-NCVDI50-100M	80	50	100	98	90	4.5
60	PSC50	PSC50-NCVDI60-050M	50	60	50	123	104	4.3
60	PSC63	PSC63-NCVDI60-050M	63	60	50	123	104	4.2
60	PSC80	PSC80-NCVDI60-085M	80	60	85	123	104	5.7

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

卧式刀塔接纳器
Horizontal Lathe Receiver





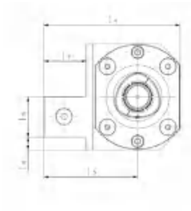


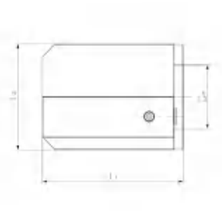
› 技术参数 | Technical parameters

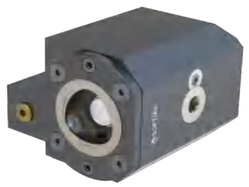
单位 | Unit：mm

接口尺寸 PSC size	订货号 Ordering code	b2	h1y	h2	l1x	l1z	l21	l22	l23	Th	重量 m (kg)
PSC32	PSC32-RCSQUA-4038M	38	20	62	95	19	16.5	78.5	25	G1/8	1.3
PSC32	PSC32-LCSQUA-4038M	38	20	62	95	19	16.5	78.5	25	G1/8	1.3
PSC40	PSC40-RCSQUA-5048M	48	25	54	125	24	24	101	30.5	G1/8	2.3
PSC40	PSC40-LCSQUA-5048M	48	25	54	125	24	24	101	30.5	G1/8	2.3
PSC50	PSC50-RCSQUA-6464M	64	32	68	145	32	27	118	36	G1/8	3.2
PSC50	PSC50-LCSQUA-6464M	64	32	68	145	32	27	118	36	G1/8	3.2

PSC 方柄型接纳器
PSC Square Shank Internal Receiver





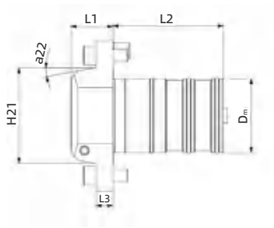


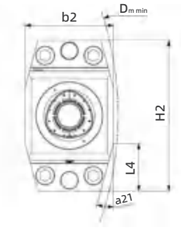
› 技术参数 | Technical parameters

单位 | Unit：mm

装夹尺寸 Size	接口尺寸 PSC size	订货号 Ordering code	Dm	l1	l2	l3	l4	l5	l6	l7	重量 m (kg)
40	PSC40	PSC40-RCSQIR-59-110A	40	110	77	59	83	25	13	26	2.9
40	PSC40	PSC40-LCSQIR-59-110A	40	110	77	59	83	25	13	26	2.9
50	PSC50	PSC50-RCSQIR-77-110A	50	110	92	77	109	32	14	33	5.1
63	PSC63	PSC63-RCSQIR-93-140A	63	140	105	93	135	40	13	40	11.4
63	PSC63	PSC63-LCSQIR-93-140A	63	140	105	93	135	40	13	40	11.4

液压驱动接纳器 – 高压冷却
Hydraulic Actuated Receiver-High-pressure Cooling





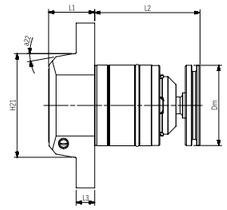


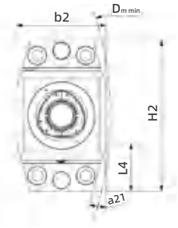
› 技术参数 | Technical parameters

单位 | Unit：mm

接口尺寸 PSC size	订货号 Ordering code	b2	Dm	Dm min	H2	H21	L2	L1	L3	L4	a21	a22
PSC40	PSC40-NCHYD-05625M	48	42	260	92	56	74	25	10	22	15°	11°
PSC50	PSC50-NCHYD-07035M	64	55	300	112	70	88	35	12	30	16°	10°
PSC63	PSC63-NCHYD-09040M	84	70	400	143	90	105	40	16	45	15°	10°
PSC80	PSC80-NCHYD-11050M	100	90	500	180	110	120	50	18	59	15°	10°

液压驱动接纳器 – 低压冷却
Hydraulic Actuated Receiver-Low-pressure Cooling







› 技术参数 | Technical parameters

单位 | Unit：mm

接口尺寸 PSC size	订货号 Ordering code	b2	Dm	Dm min	H2	H21	L2	L1	L3	L4	a21	a22
PSC63	PSC63-NCLYD-09040M	84	70	400	143	90	92	40	16	45	15°	10°
PSC80	PSC80-NCLYD-11050M	100	90	500	180	110	107	50	18	59	15°	10°

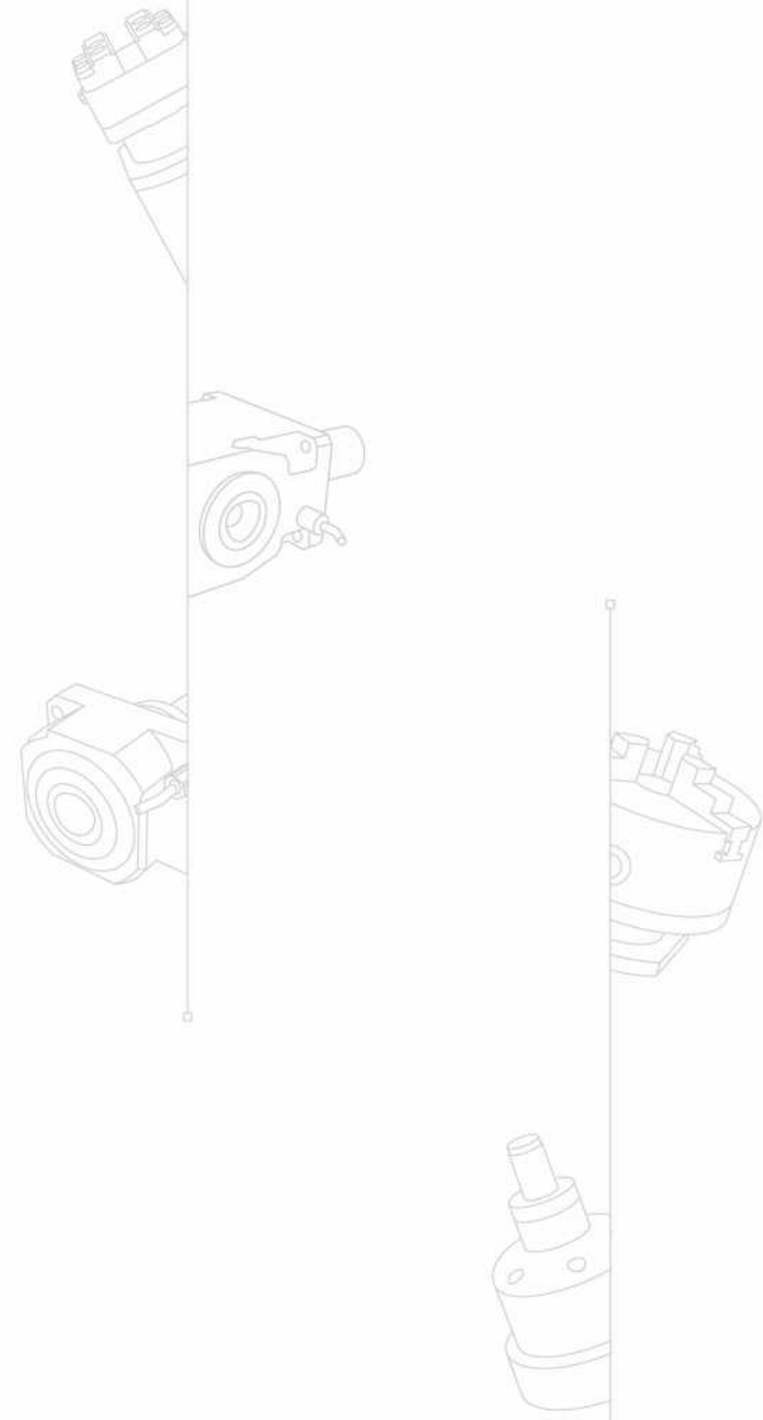
PSC 锁刀座
PSC Locking Block



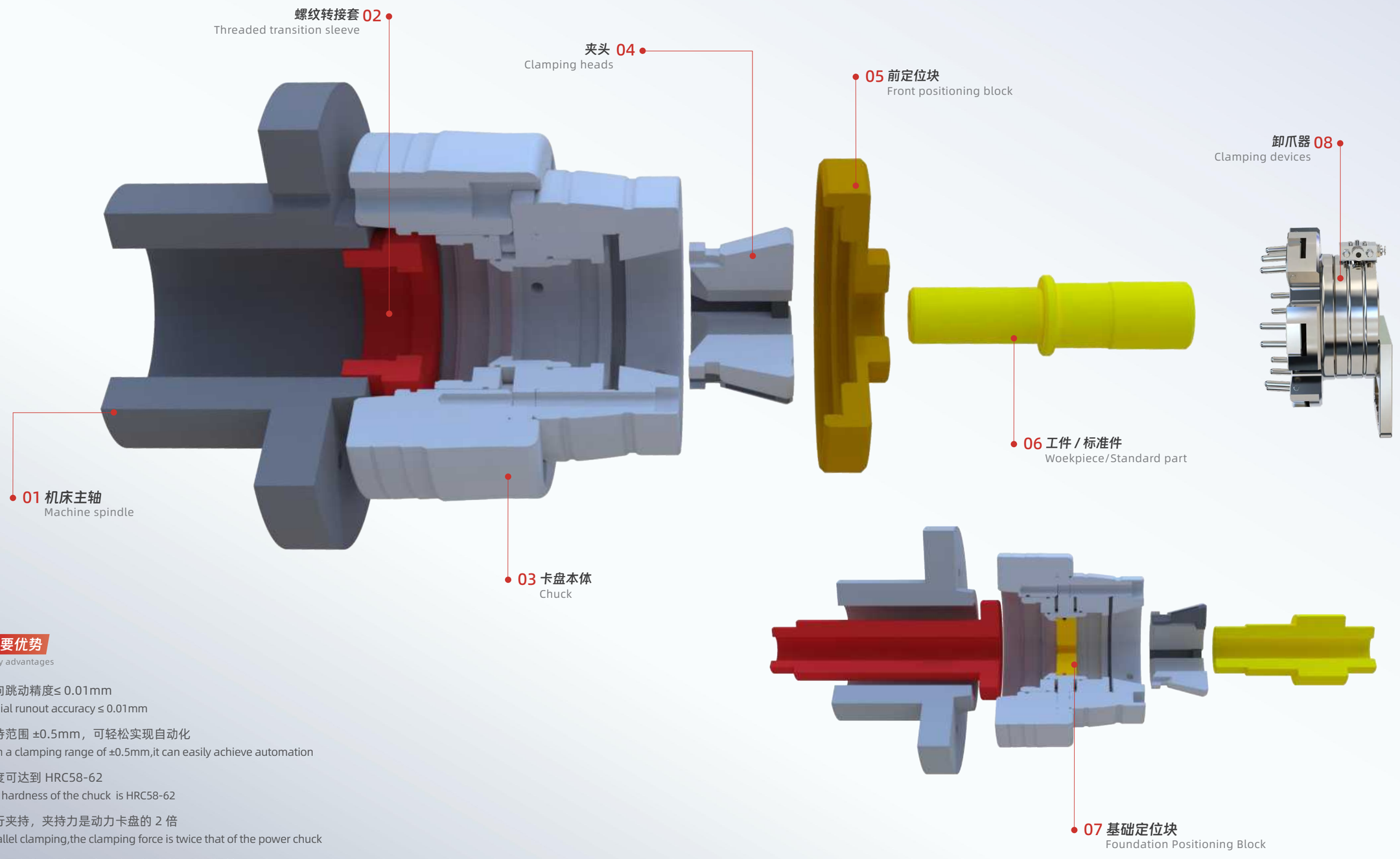
订货号 Ordering code	刀座接口 Block interface
BLB510-PSC32	PSC32
BLB510-PSC40	PSC40
BLB510-PSC50	PSC50
BLB510-PSC63	PSC63
BLB510-PSC80	PSC80
BLB510-PSC100	PSC100

› 技术参数 | Technical parameters

法兰盘 Flange	垫片 Shim	刀座接口 Block interface
订货号 Ordering code	订货号 Ordering code	
BLB520-PSC32	BLB530-PSC32	PSC32
BLB520-PSC40	BLB530-PSC40	PSC40
BLB520-PSC50	BLB530-PSC50	PSC50
BLB520-PSC63	BLB530-PSC63	PSC63
BLB520-PSC80	BLB530-PSC80	PSC80
BLB520-PSC100	BLB530-PSC100	PSC100



卡盘 CHUCKS



主要优势
Key advantages

- 径向跳动精度≤ 0.01mm
  Radial runout accuracy ≤ 0.01mm
- 夹持范围 ±0.5mm，可轻松实现自动化
  With a clamping range of ±0.5mm,it can easily achieve automation
- 硬度可达到 HRC58-62
  The hardness of the chuck is HRC58-62
- 平行夹持，夹持力是动力卡盘的 2 倍
  Parallel clamping,the clamping force is twice that of the power chuck
- 可选配气密检测和中心出水功能，增加防呆设计
  Optional features include leak testing and center water supply functions, with added fool-proof design elements

命名方式 Naming And Coding Rules

BC220	-	032	-	P	-	A204	-	117
01		02		03		04		05

01 产品规格 Type	
BC220	卡盘 Chuck

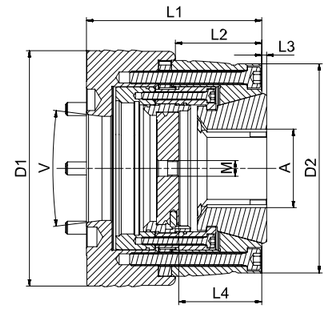
02 夹持规格 Clamping Type			
032	042	052	065
080	100	125	160

03 拉紧方式 Tightening Menthod	
P	止动后拉 Pull back
D	零位移 Deadlength

04 主轴尺寸规格 Spindel Nose			
A204	A205	A206	A208
A211	AP120	AP140	AP170
AP220			

05 卡盘总长度 Total Length			
115	115mm	155	155mm
117	117mm	159	159mm
120	120mm	165	165mm
122	122mm	185	185mm
130	130mm	189	189mm
131	131mm	190	190mm
134	134mm	191	191mm
135	135mm	194	194mm
140	140mm	195	195mm
148	148mm	200	200mm

卡盘 BC220-032
Chuck BC220-032





› 技术参数 | Technical parameters

单位 | Unit：mm

型号 Size		32
拉紧方式 Tightening menthod		pull-back
粗加工夹头 Clamping head roughing		BH210-032
精加工夹头 Clamping head finishing		BH220-032
跳动 Run-out ≤ [mm]		0.01
径向夹持力 Radial clamping force [kgf]		7000
轴向拉力 Axial drawtube force [pull / push] [kgf]		2500
最大转速 RPM n max. [1/min.]		8000
夹持范围 Clamping range [mm]	A	3-32

订货号 Order no.	V	D1	D2	L1	L2	L3(粗)	L3(精)	L4	M	Weight [kg]
BC220-032-P-A204-117	A204	115	Ø 66 f7	117	55	6	3	52.5	10	6
BC220-032-P-A205-117	A205	135								7

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

› 请参考 | Please refer to



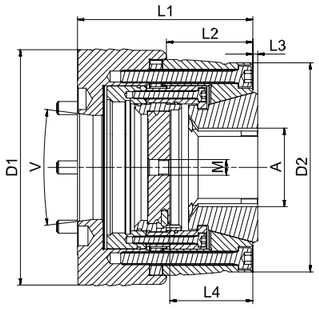
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Clamping devices
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卡盘 BC220-042

Chuck BC220-042





› 技术参数 | Technical parameters

单位 | Unit：mm

型号 Size		42
拉紧方式 Tightening menthod		pull-back
粗加工夹头 Clamping head roughing		BH210-042
精加工夹头 Clamping head finishing		BH220-042
跳动 Run-out ≤ [mm]		0.02
径向夹持力 Radial clamping force [kgf]		8000
轴向拉力 Axial drawtube force [pull / push] [kgf]		3500
最大转速 RPM n max. [1/min.]		7000
夹持范围 Clamping range [mm]	A	3-42

订货号 Order no.	V	D1	D2	L1	L2	L3(粗)	L3(精)	L4	M	Weight [kg]
BC220-042-P-A204-144	A204	144	Ø 125 f7	112	59	9	4	56.5	10	11
BC220-042-P-A205-144	A205									10
BC220-042-P-A206-165	A206	165								12
BC220-042-P-AP120-144	AP120	144		115						10
BC220-042-P-AP140-150	AP140	150								11

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

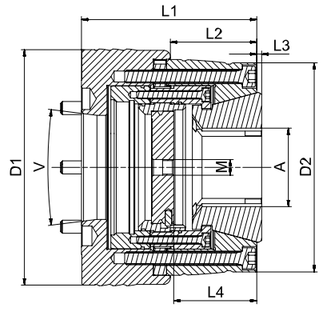
› 请参考 | Please refer to


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卡盘 BC220-052

Chuck BC220-052





› 技术参数 | Technical parameters

单位 | Unit：mm

型号 Size		52
拉紧方式 Tightening menthod		pull-back
粗加工夹头 Clamping head roughing		BH210-052
精加工夹头 Clamping head finishing		BH220-052
跳动 Run-out ≤ [mm]		0.01
径向夹持力 Radial clamping force [kgf]		9400
轴向拉力 Axial drawtube force [pull / push] [kgf]		4000
最大转速 RPM n max. [1/min.]		7000
夹持范围 Clamping range [mm]	A	3-52

订货号 Order no.	V	D1	D2	L1	L2	L3(粗)	L3(精)	L4	M	Weight [kg]
BC220-052-P-A205-122	A205	144	Ø 125 f7	122	59	4	4	56.5	10	10
BC220-052-P-A206-122	A206	165								12
BC220-052-P-AP120-115	AP120	144		115						10
BC220-052-P-AP140-115	AP140	150								10

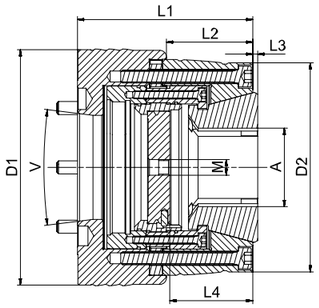
- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

› 请参考 | Please refer to


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卡盘 BC220-065
Chuck BC220-065





› 技术参数 | Technical parameters

单位 | Unit：mm

型号 Size		65
拉紧方式 Tightening menthod		pull-back
粗加工夹头 Clamping head roughing		BH210-065
精加工夹头 Clamping head finishing		BH220-065
跳动 Run-out ≤ [mm]		0.01
径向夹持力 Radial clamping force [kgf]		10500
轴向拉力 Axial drawtube force [pull / push] [kgf]		4500
最大转速 RPM n max. [1/min.]		6000
夹持范围 Clamping range [mm]	A	4-65

订货号 Order no.	V	D1	D2	L1	L2	L3(粗)	L3(精)	L4	M	Weight [kg]
BC220-065-P-A205-131	A205	160	Ø 145 f7	131	66	9	4	63.5	12	13.6
BC220-065-P-A206-130	A206	165		130						13.2
BC220-065-P-A208-131	A208	210		131						19
BC220-065-P-AP120-120	AP120	160		120						13
BC220-065-P-AP140-120	AP140									12.5
BC220-065-P-AP170-115	AP170	184		115						14

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

› 请参考 | Please refer to

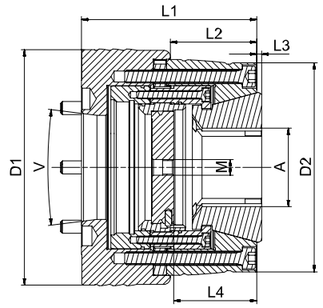


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卡盘 BC220-080
Chuck BC220-080





› 技术参数 | Technical parameters

单位 | Unit：mm

型号 Size		80
拉紧方式 Tightening menthod		pull-back
粗加工夹头 Clamping head roughing		BH210-080
精加工夹头 Clamping head finishing		BH220-080
跳动 Run-out ≤ [mm]		0.01
径向夹持力 Radial clamping force [kgf]		11500
轴向拉力 Axial drawtube force [pull / push] [kgf]		5000
最大转速 RPM n max. [1/min.]		5500
夹持范围 Clamping range [mm]	A	4-80

订货号 Order no.	V	D1	D2	L1	L2	L3(粗)	L3(精)	L4	M	Weight [kg]
BC220-080-P-A205-134	A205	180	Ø 160 f7	134	66	4	4	63.5	12	17
BC220-080-P-A206-135	A206			135						16
BC220-080-P-A208-140	A208	210		140						21
BC220-080-P-AP170-135	AP170	180		135						17
BC220-080-P-AP220-148	AP220	235		148						17

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

› 请参考 | Please refer to

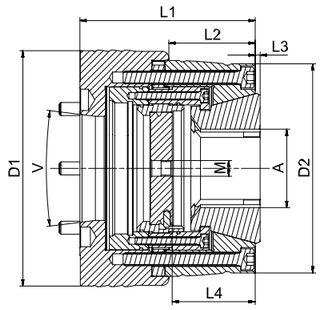


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卡盘 BC220-100
Chuck BC220-100





› 技术参数 | Technical parameters

单位 | Unit：mm

型号 Size		100
拉紧方式 Tightening menthod		pull-back
粗加工夹头 Clamping head roughing		BH210-100
精加工夹头 Clamping head finishing		BH220-100
跳动 Run-out ≤ [mm]		0.015
径向夹持力 Radial clamping force [kgf]		15000
轴向拉力 Axial drawtube force [pull / push] [kgf]		6500
最大转速 RPM n max. [1/min.]		5000
夹持范围 Clamping range [mm]	A	15-100

订货号 Order no.	V	D1	D2	L1	L2	L3(粗)	L3(精)	L4	M	Weight [kg]
BC220-100-P-A206-155	A206	235	Ø 215 f7	155	78.5	0	0	73	12	33.5
BC220-100-P-A208-159	A208			159						33
BC220-100-P-A211-165	A211	280		165						43
BC220-100-P-AP170-159	AP170	235		159						35
BC220-100-P-AP220-159	AP220	240								

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

› 请参考 | Please refer to

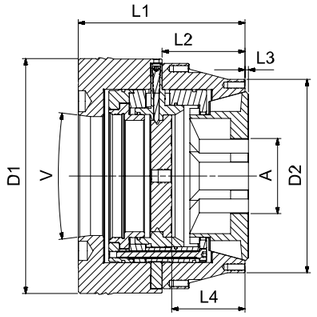


夹头
Clamping heads
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BK 卸爪器
Clamping devices
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卡盘 BC220-125
Chuck BC220-125





› 技术参数 | Technical parameters

单位 | Unit：mm

型号 Size		125
拉紧方式 Tightening menthod		pull-back
粗加工夹头 Clamping head roughing		BH210-125
精加工夹头 Clamping head finishing		BH220-125
跳动 Run-out ≤ [mm]		0.02
径向夹持力 Radial clamping force [kgf]		16500
轴向拉力 Axial drawtube force [pull / push] [kgf]		7000
最大转速 RPM n max. [1/min.]		3200
夹持范围 Clamping range [mm]	A	25-125

订货号 Order no.	V	D1	D2	L1	L2	L3(粗)	L3(精)	L4	M	Weight [kg]
BC220-125-P-A206-191	A206	270	Ø 221.5 f7	191	95	4	4	87.5	12	50
BC220-125-P-A208-191	A208									48
BC220-125-P-A211-191	A211	280								46
BC220-125-P-AP170-185	AP170	270		185						49
BC220-125-P-AP220-190	AP220			190						47

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

› 请参考 | Please refer to

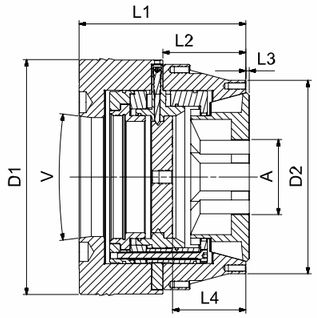


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BK 卸爪器
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卡盘 BC220-160
Chuck BC220-160





› 技术参数 | Technical parameters

单位 | Unit：mm

型号 Size		160
拉紧方式 Tightening menthod		pull-back
粗加工夹头 Clamping head roughing		BH210-160
精加工夹头 Clamping head finishing		BH220-160
跳动 Run-out ≤ [mm]		0.025
径向夹持力 Radial clamping force [kgf]		23500
轴向拉力 Axial drawtube force [pull / push] [kgf]		10000
最大转速 RPM n max. [1/min.]		3200
夹持范围 Clamping range [mm]	A	27-160

订货号 Order no.	V	D1	D2	L1	L2	L3(粗)	L3(精)	L4	M	Weight [kg]
BC220-160-P-A206-190	A206	302	Ø 254 f7	190	95	5	5	89.5	12	60
BC220-160-P-A208-195	A208			195						61
BC220-160-P-A211-200	A211			200						59
BC220-160-P-AP170-189	AP170			189						62
BC220-160-P-AP220-194	AP220			194						

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

› 请参考 | Please refer to

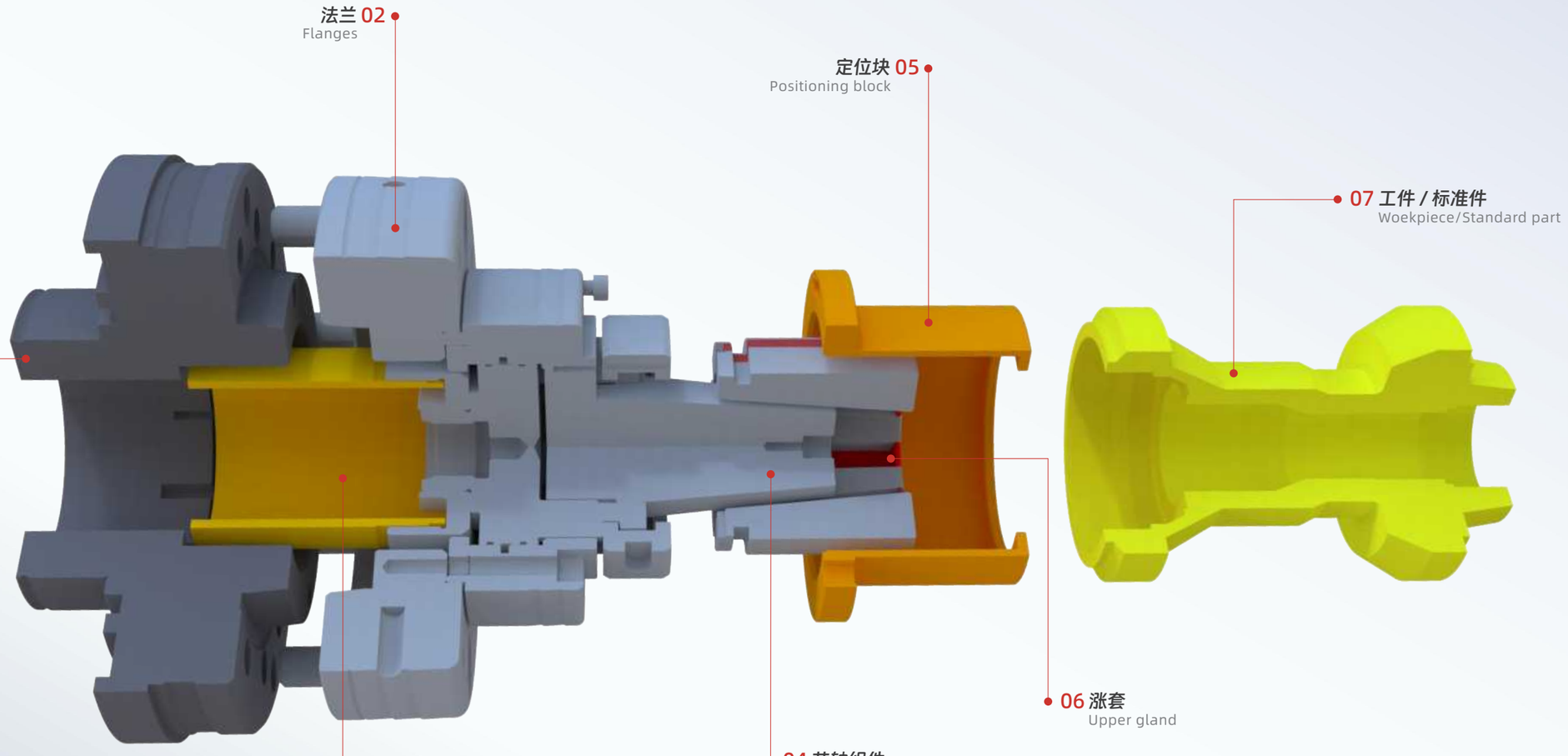


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Clamping heads
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BK 卸爪器
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芯轴 ARBOR



主要优势
Key advantages

- 径向跳动精度≤ 0.01mm
  Radial runout accuracy ≤ 0.01mm
- 夹持范围 ±0.2mm 至 0.5mm，可轻松实现自动化
  With a clamping of ±0.5mm,it can easily achieve automation
- 硬度可达到 HRC58-62
  The hardness of the chuck is HRC58-62
- 平行夹持，夹持力是动力卡盘的 2 倍
  Parallel clamping,the clamping force is twice that of the power chuck
- 可选配气密检测功能，增加防呆设计
  Optional features include leak testing and center water supply functions, with added fool-proof design elements

命名方式 Naming And Coding Rules

BM120	-	3S	-	RD	-	008013
01		02		03		04

01 产品规格 Type	
BM110	端压芯轴 End-Pressure Mandrel
BM120	芯轴 Mandrel
BM210	滚齿芯轴 Gear cutting
BM220	磨齿芯轴 Gear grinding

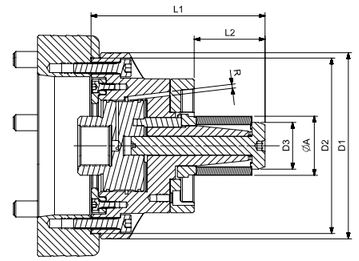
02 规格 Clamping Type			
3S	2S	1S	
00	01	02	03
04	05	06	07

03 轮廓 Profile	
RD	圆形 Round
RE	六方形 Hexagonal

05 夹持范围 Clamping Range			
008013	8-13mm	013019	13-19mm
016021	16-21mm	020028	20-28mm
026038	26-38mm	036054	36-54mm
050080	50-80mm	069120	69-120mm
100130	100-130mm	130160	130-160mm
160190	160-190mm		

芯轴 BM110-00 01 02 03

Mandrel BM110-00 01 02 03





› 技术参数 | Technical parameters

单位 | Unit：mm

型号 Size	00	01	02	03
夹持范围 Clamping range	20-28	26-38	36-54	50-80
涨套 Clamping Bushing	BS110-00	BS110-01	BS110-02	BS110-03
可自车涨套 Clamping Bushing SAD	BS140-00	BS140-01	BS140-02	BS140-03
跳动 Run-out ≤ [mm]	0.01			
径向夹持力 Radial clamping force [kgf]	4200		8500	10500
轴向拉力 Axial drawtube force [pull / push] [kgf]	1000		2000	2500
最大转速 RPM n max. [1/min.]	7000			6000

订货号 Order no.	L1	L2	D1	D2	R	Weight [kg]
BM110-00-RD-020028	100	29.5	139	131	3	5.1
BM110-01-RD-026038	110	37				5.2
BM110-02-RD-036054	130	53				5.9
BM110-03-RD-050080	140	60				6.7

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

› 请参考 | Please refer to



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Flanges BM140
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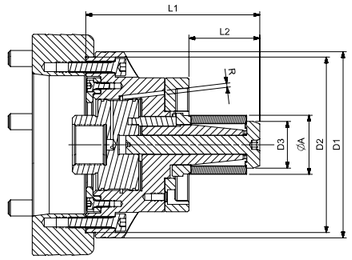
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液压芯轴底座 BM420
Static hydraulic mandrel base BM420
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芯轴 BM110-04 05 06 07

Mandrel BM110-04 05 06 07





› 技术参数 | Technical parameters

单位 | Unit：mm

型号 Size	04	05	06	07
夹持范围 Clamping range	69-120	100-130	130-160	160-200
涨套 Clamping Bushing	BS110-04	BS110-05	BS110-06	BS110-07
可自车涨套 Clamping Bushing SAD	BS140-04	BS140-05	BS140-06	BS140-07
跳动 Run-out ≤ [mm]	0.01			0.02
径向夹持力 Radial clamping force [kgf]	15000	17000		
轴向拉力 Axial drawtube force [pull / push] [kgf]	3500	4000		4500
最大转速 RPM n max. [1/min.]	6000	5000	4000	3200

订货号 Order no.	L1	L2	D1	D2	R	Weight [kg]
BM110-04-RD-069120	155	75	139	131	3	7.7
BM110-05-RD-100130	195	102	230	219		32
BM110-06-RD-130160	220	121				38.9
BM110-07-RD-160200	245	123.5				50

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

› 请参考 | Please refer to



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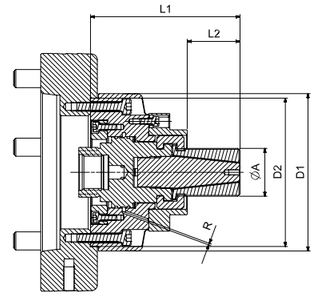
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液压芯轴底座 BM420
Static hydraulic mandrel base BM420
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芯轴 BM120-3S 2S 1S 00

Mandrel BM120-3S 2S 1S 00





› 技术参数 | Technical parameters

单位 | Unit：mm

型号 Size	3S	2S	1S	00
夹持范围 Clamping range	8-13	13-19	16-21	20-28
涨套 Clamping Bushing	BS130-3S	BS130-2S	BS130-1S	BS130-00
跳动 Run-out ≤ [mm]	0.02			0.01
径向夹持力 Radial clamping force [kgf]	4200			
轴向拉力 Axial drawtube force [pull / push] [kgf]	1000			
最大转速 RPM n max. [1/min.]	7000			

订货号 Order no.	L1	L2	D1	D2	R	Weight [kg]
BM120-3S-RD-008013	100.5	12.9	139	131	3	5.4
BM120-2S-RD-013019	95	14				5
BM120-1S-RD-016021	97	15				5.1
BM120-00-RD-020028	108	21				5.8

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

› 请参考 | Please refer to



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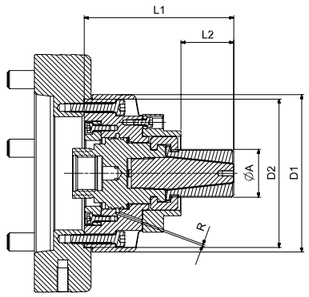
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液压芯轴底座 BM420
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芯轴 BM120-01 02 03 04

Mandrel BM120-01 02 03 04





› 技术参数 | Technical parameters

单位 | Unit：mm

型号 Size	01	02	03	04
夹持范围 Clamping range	26-38	36-54	50-80	69-100
涨套 Clamping Bushing	BS130-01	BS130-02	BS130-03	BS130-04
跳动 Run-out ≤ [mm]	0.01			
径向夹持力 Radial clamping force [kgf]	4200	8500	10500	1500
轴向拉力 Axial drawtube force [pull / push] [kgf]	1000	2000	2500	3500
最大转速 RPM n max. [1/min.]	7000		6000	

订货号 Order no.	L1	L2	D1	D2	R	Weight [kg]
BM120-01-RD-026038	114	25	139	131	3	5.8
BM120-02-RD-036054	132	40				7.7
BM120-03-RD-050080	140	44.5				8.6
BM120-04-RD-069100	148.5	52.5				9.8

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

› 请参考 | Please refer to



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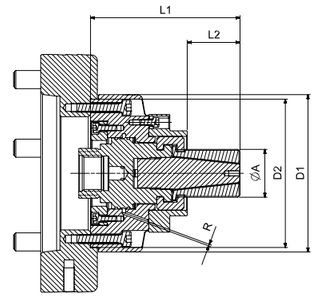
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液压芯轴底座 BM420
Static hydraulic mandrel base BM420
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芯轴 BM120-05 06 07

Mandrel BM120-05 06 07





› 技术参数 | Technical parameters

单位 | Unit：mm

型号 Size	05	06	07
夹持范围 Clamping range	100-130	130-160	160-190
涨套 Clamping Bushing	BS130-05	BS130-06	BS130-07
跳动 Run-out ≤ [mm]	0.01		
径向夹持力 Radial clamping force [kgf]	17000		19000
轴向拉力 Axial drawtube force [pull / push] [kgf]	4000		4500
最大转速 RPM n max. [1/min.]	5000	4000	3200

订货号 Order no.	L1	L2	D1	D2	R	Weight [kg]
BM120-05-RD-100130	175	53	230	219	3	27.6
BM120-06-RD-130160	188.5	61	231			32.6
BM120-07-RD-160190	188.5	55	237			36.6

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

› 请参考 | Please refer to



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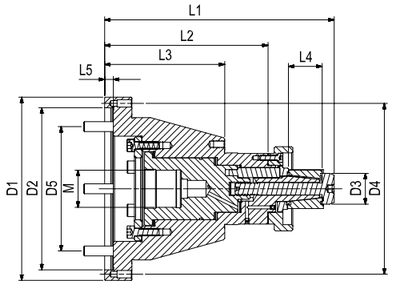


手动芯轴底座 BM410
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液压芯轴底座 BM420
Static hydraulic mandrel base BM420
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滚齿 BM210
Geat cutting BM210





- 径向跳动精度≤ 0.005mm
- 夹持范围 20-120mm
- 硬度可达到 HRC58-62
- 配备气密检测功能与防呆设计

- Radial runout accuracy ≤ 0.01mm
- Clamping range:20-120mm
- The hardness of the chuck is HRC58-62.
- Equipped with an airtightness testing function and enhanced with a fool-proof design

› 技术参数 | Technical parameters

单位 | Unit：mm

型号 Size		0	1	2	3	4
夹持范围 Clamping range [mm]	A	20-28	26-38	36-54	50-80	69-120
跳动 Run-out ≤ [mm]		0.01				
径向夹持力 Radial clamping force [kgf]		4200		8500	10500	15000
轴向拉力 Axial drawtube force [pull / push] [kgf]		1000		2000	2500	3500
最大转速 RPM n max. [1/min.]		600				

订货号 Order no.	L1	L2	L3	L4	L5	D1	D2	D3	D4	D5	M	Weight [kg]
BM210-00-RD-020028	178	132	97	22	7	148	Ø131H7	19	LK Ø138 [3 x M6]	LK Ø116 [6 x M8]	M30x1.5	5.9
BM210-01-RD-026038	185.5			26				25				
BM210-02-RD-036054	199.5	127		43				35				7.5
BM210-03-RD-050080	205.5		77	49				49				7.7
BM210-04-RD-069120	220		97	59				68				9.7

- 可单独订购配件，按需询价

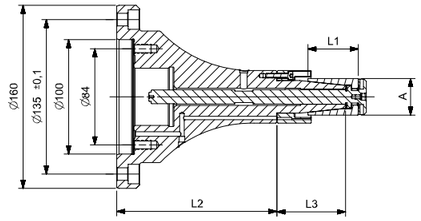
- The spare parts can be ordered separately. Please inquire on demand

› 请参考 | Please refer to



涨套 BS110
Segmented clamping bushings BS110
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磨齿 BM220
Gear grinding BM220





- 径向跳动精度≤ 0.005mm
- 夹持范围 22-120mm
- 硬度可达到 HRC58-62
- 配备气密检测功能与防呆设计

- Radial runout accuracy ≤ 0.01mm
- Clamping range:22-120mm
- The hardness of the chuck is HRC58-62.
- Equipped with an airtightness testing function and enhanced with a fool-proof design

› 技术参数 | Technical parameters

单位 | Unit：mm

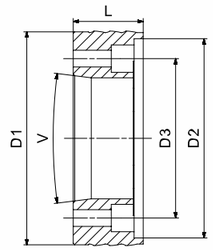
订货号 Order no.	A	L1	L2	L3
BM220-00-RD-022032	22-32	26	173	35
BM220-01-RD-032045	32-45	44	140	60
BM220-02-RD-040065	40-65	50	112	60
BM220-03-RD-060090	60-90	60	112	70
BM220-04-RD-080120	80-120	70	140	72.5

- 粘接夹头（带拉杆）如需询价
- 端面支撑座尺寸及型号根据具体加工产品形式及尺寸而定

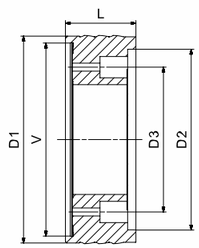
- Adhesive chuck (with tie rod) for inquiry
- The size and model of the end support seat are determined according to the form and size of the specific processing size products

芯轴法兰 BM140

Merdal flanges BM140



① A204-A211



② AP120-AP220



› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Order no.	对应芯轴类型 Size	V	法兰型号 Flange type	D1	D2	D3	L1
BM140-A204-040	BM120-3S 到 BM120-04	A204	1	140	131	LK Ø82.6[3×M10]	46
BM140-A205-040		A205				LK Ø104.8[6×M10]	
BM140-A205-050						LK Ø133.4[6×M12]	63
BM140-A206-040		A206					46
BM140-A206-060							66
BM140-A206-080							86
BM140-A208-044		A208		210		LK Ø171.4[6×M16]	50
BM140-AP120-040		AP120	2	140		LK Ø104.8[6×M10]	51
BM140-AP140-040		AP140		150			
BM140-AP170-040		AP170		180		LK Ø133.4[6×M12]	
BM140-AP220-040		AP220		230		LK Ø171.4[6×M16]	
BM140-A206-063	5-7	A206	1	235	219	LK Ø133.4[6×M12]	76.5
BM140-A208-067		A208				LK Ø171.4[6×M16]	80.5
BM140-A211-073		A211		280		LK Ø235[6×M20]	86.5

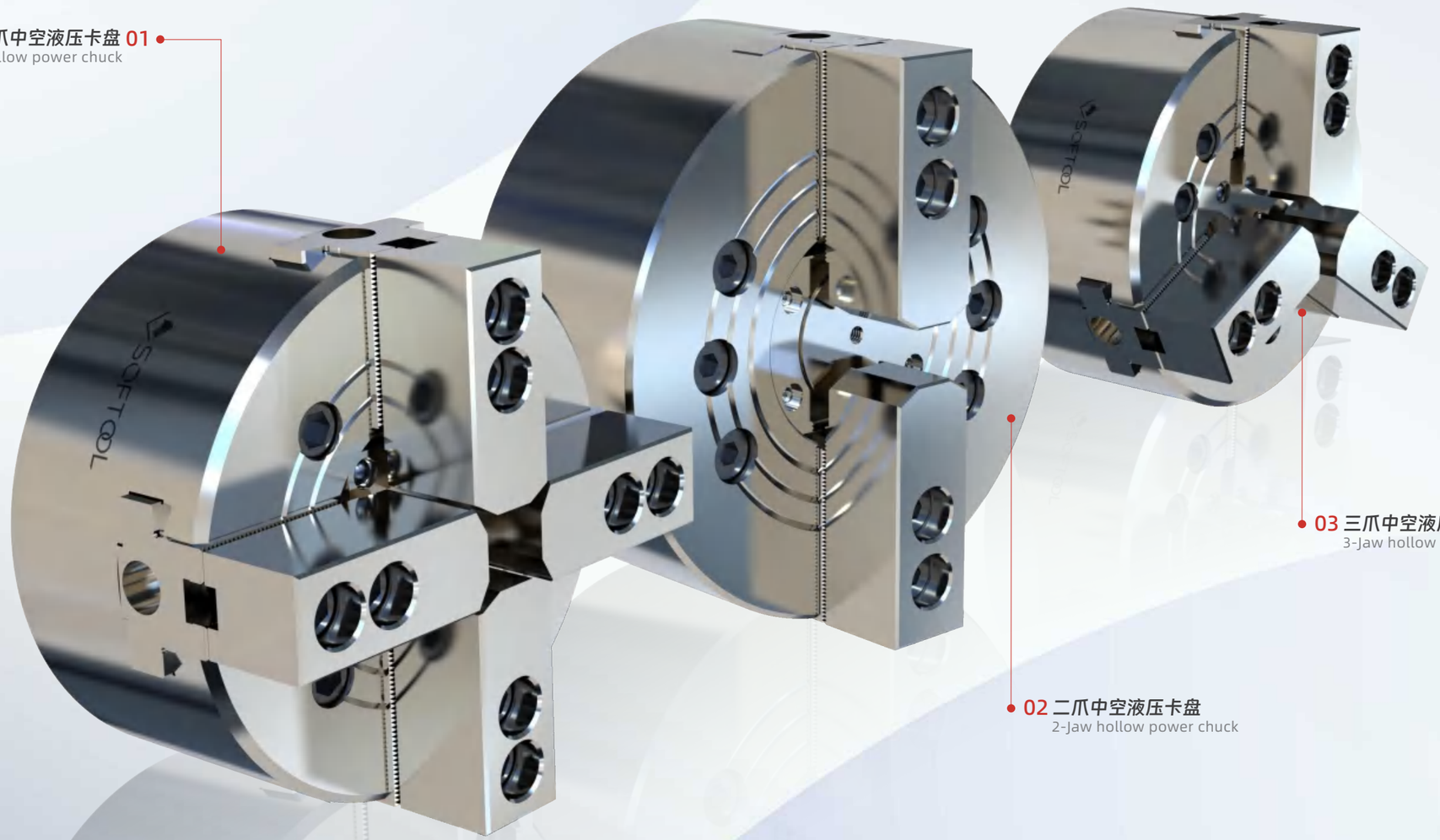
› 命名方式 | Naming And Coding Rules

BM140 - A204 - 040

- 040：法兰底部到台阶的高度 Height from the flange bottow to the step
- A204：主轴尺寸规格 Spindle nose
- BM140：百斯图芯轴法兰 Flanges for mandrel

动力卡盘 POWER CHUCKS

四爪中空液压卡盘 01
4-Jaw hollow power chuck



02 二爪中空液压卡盘
2-Jaw hollow power chuck

03 三爪中空液压卡盘
3-Jaw hollow power chuck

命名方式 Naming And Coding Rules

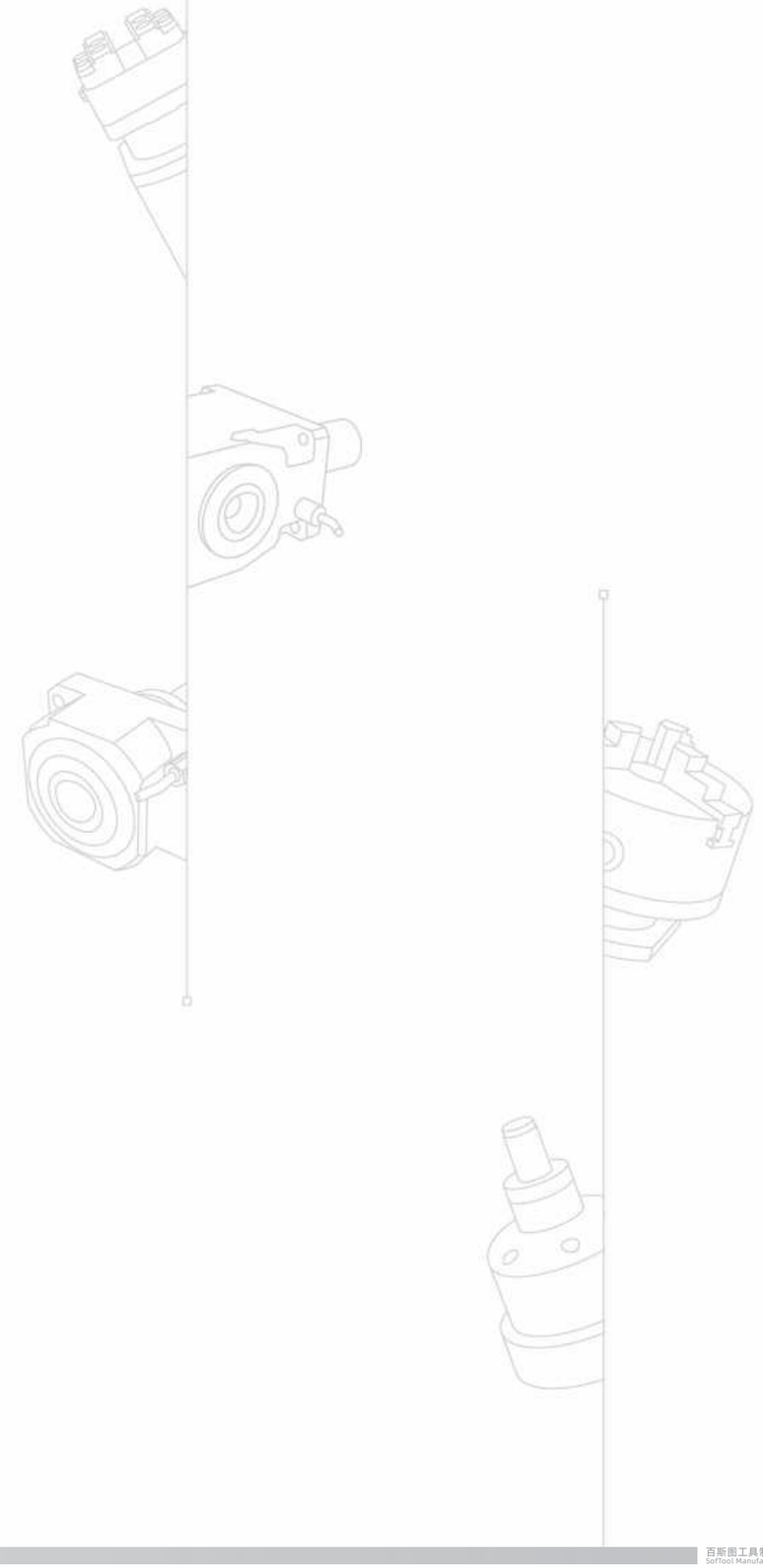
BC510	-	YK	-	305	-	A205
01		02		03		04

01 产品规格 Type	
BC510	三爪中空液压卡盘 3-Jaw hollow power chuck
BC610	二爪中空液压卡盘 2-Jaw hollow power chuck
BC410	四爪中空液压卡盘 4-Jaw hollow power chuck
BC520	三爪后拉球锁液压卡盘 3-Jaw pull ball-lock power chuck
BC530	三爪斜后拉气密液压卡盘 3-Jaw clined pull air-tight power chuck
BC540	浮动顶尖液压卡盘 Pull compensating power chuck
BC550	三爪中空立式液压卡盘（防水型） 3-Jaw stationary chuck with through-hole

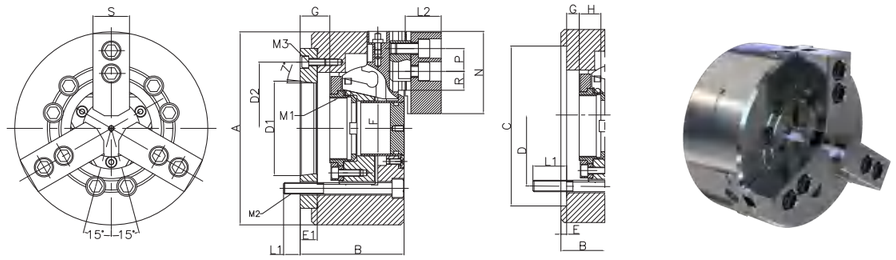
02 动力方式 Power Menthod	
YK	液压 Hydraulic
QS	球锁 Pull-lock
YX	斜后拉气密 Clined pull air-tight
YF	浮动顶尖 Pull compensating
KL	立式 Vertical

03 规格 Size		
304	204	406
305	205	408
306	206	410
308	208	412
310	210	415
312	212	418
315	215	
318		

04 主轴尺寸规格 Spindel Nose			
A204	A205	A206	A208
A211			



三爪中空液压卡盘 BC510
3-Jaw hollow power chuck



- 高强刚性，稳定耐磨
- 定位精度为 0.01mm，使用寿命长
- High strength stable wearable
- High precision,hign cycle life

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Order no.	BC510-YK-304	BC510-YK-305-A204	BC510-YK-306-A205	BC510-YK-308-A205	BC510-YK-308-A206	BC510-YK-310-A206	BC510-YK-310-A208	BC510-YK-312-A208	BC510-YK-315-A208	BC510-YK-315-A211	BC510-YK-318-A211
型号 Size	304	305	306	308		310		312	315		318
夹持范围 Clamping range	7-110	12-135	15-168	13-210		31-254		34-304	50-381		50-450
主轴接口 Spindle nose	/	A204	A205	A205	A206	A206	A208	A208	A208	A211	A211
最大夹持力 Max. clamping force [kgf]	2900	3650	5800	8750		11300		14650	18350		18350
最大推力 Max. Pull force [kgf]	1400	1750	2200	3500		4380		5600	7250		7250
最大使用压力 Max.pressure Mpa	2.1 (21)	2.6 (26)	2.5 (25)	2.8 (28)		2.6 (26)		2.6 (26)	2.4 (24)		2.4 (24)
最大转速 RPM n max. [1/min]	7000	6000	5500	5,000		4200		3300	2500		2000
油缸型号 Matching cylinder	KY-428T	KY-536T	KY-646T	KY-852T		KY-1075T		KY-1291T	KY-1512T		KY-1512T
爪行程 (直径) Jaw stroke [mm]	5.4	5.4	5.5	7		8.8		10.6	10.6		10.6
楔心行程 Piunger stroke[mm]	10	10	12	16		19		19	23		23
惯量 Moment of inertlal[Kg.m2]	0.01	0.02	0.06	0.18		0.33		0.77	2.47	2.39	4.78
A	110	135	169	210		254		304	381		450
B	59~	60~71	81~91	91~109	91~103	100~120	100~113	110~122	133~160	133~149	133~149
C(H6)	85	110	140	170		220		220	300		300

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三爪中空液压卡盘 BC510
3-Jaw hollow power chuck

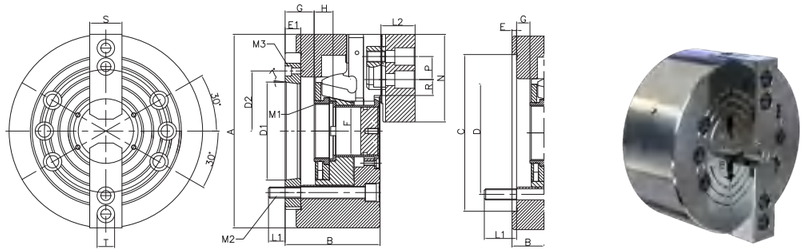
› 技术参数 | Technical parameters

单位 | Unit：mm

D	70.6	82.6	104.8	133.4		171.4		171.4	235		235
D1	_	63.51	82.56	82.56	106.38	106.38	139.72	139.72	139.72	196.87	196.87
D2	_	96	116	104.8	150	133.4	190	190	171.4	260	260
E	4	4	5	5		5		6	6		6
E1	_	15	15	23	17	25	18	18	33	22	22
F	26	33	45	52		75		91	120		120
Gmax	3.5~	1~16	11~26	14.5~37.5	14.5~31.5	8.5~33.5	8.5~26.5	8~26	11~44	11~33	11~33
Gmin	-6.5~	-9~6	-1~14	-1.5~21.5	-1.5~15.5	-10.5~14.5	-10.5~7.5	-15~3	-12~21	-12~10	-12~10
H	17.5	20	19	20.5		25		28	39		39
J	12	12	20	30		45		50	60		60
L1	16~	15~15	16~16	20~17	20~18	22~18	22~24	23~25	30~24	30~28	30~28
L2	24	31	37	38		43		51	63		63
M1	M32X1.5	M40X1.5	M55X2	M60X2		M85X2		M100X2	M130X2		M130X2
M2	3-M10	3-M10	6-M10	6-M12		6-M16		6-M16	6-M20		6-M20
M3	-	3-M6	3-M6	6-M10	3-M6	6-M12	3-M8	3-M8	6-M16	3-M10	3-M10
N	52	62	73	95		110		130	165		165
P	14	14	20	25		30		30	43		43
Rmax	11.3	19.8	22.8	29.8		33.8		45.8	47.3		79.2
Rmin	6.8	7.8	9.3	14.8		14.3		15.8	18.2		18.2
S	25	25	31	35		40		50	62		62
T	10	10	12	14		16		21	25.5 or 22	25.5 or 22	25.5 or 22
重量 Weight [kg]	4~	6.7~7.5	11.9~13.7	22.5~25.4	22.5~23.6	34.5~41.5	34.5~40	56.6~59.5	120~134	120~127	164~178

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

二爪中空液压卡盘 BC610
2-Jaw hollow power chuck



- 高强刚性，稳定耐磨
- 定位精度为 0.01mm, 使用寿命长
- 适用于异性加工

- High strength stable wearable
- High precision, hign cycle life
- Suitable for irregular workpieces processing

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Order no.	BC610-YK-204	BC610-YK-205-A204	BC610-YK-206-A205	BC610-YK-208-A205	BC610-YK-208-A206	BC610-YK-210-A26	BC610-YK-210-A208	BC610-YK-212-A208	BC610-YK-215-A208	BC610-YK-215-A211
型号 Size	204	205	206	208		210		212	215	
夹持范围 Clamping range	7-110	12-135	15-168	13-210		31-254		34-304	50-381	
主轴接口 Spindle nose	/	A204	A205	A205	A206	A206	A208	A208	A208	A211
最大夹持力 Max. clamping force [kgf]	1930	2440	3870	5840		7540		9780	119.6(12200)	
最大推力 Max. Pull force [kgf]	940	1190	1470	2360		2900		3740	4790	
最大使用压力 Max.pressure Mpa	1.9 (19)	1.8 (18)	1.7 (17)	1.9 (19)		1.8 (18)		1.8 (18)	1.7 (17)	
最大转速 RPM n max. [1/min]	8000	7000	6000	5,000		4200		3300	2500	
油缸型号 Matching cylinder	KY-428T	KY-536T	KY-646T	KY-852T		KY-1075T		KY-1291T	KY-1512T	
爪行程 (直径) Jaw stroke [mm]	5.4	5.4	5.5	7		8.8		10.6	10.6	
楔心行程 Piunger stroke[mm]	10	10	12	16		19		19	23	
惯量 Moment of inertlal[Kg.m2]	0.01	0.02	0.06	0.17		0.31		0.70	2.42	2.34
A	110	135	169	210		254		304	381	
B	59~	60~71	81~91	91~109	91~103	100~120	100~113	110~122	133~160	133~149
C(H6)	85	110	140	170		220		220	300	

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二爪中空液压卡盘 BC610
2-Jaw hollow power chuck

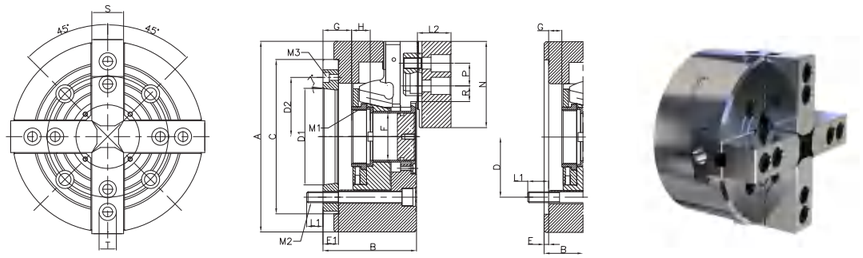
› 技术参数 | Technical parameters

单位 | Unit：mm

D	70.6	82.6	104.8	133.4		171.4		171.4	235	
D1	_	63.51	82.56	82.56	106.38	106.38	139.72	139.72	139.72	196.87
D2	_	96	116	104.8	150	133.4	190	190	171.4	260
E	4	4	5	5		5		6	6	
E1	_	15	15	23	17	25	18	18	33	22
F	26	33	45	52		75		91	120	
Gmax	3.5~	1~16	11~26	14.5~37.5	14.5~31.5	8.5~33.5	8.5~26.5	8~26	11~44	11~33
Gmin	-6.5 ~	-9~6	-1~14	-1.5~21.5	-1.5~15.5	-10.5~14.5	-10.5~7.5	-15~3	-12~21	-12~10
H	17.5	20	19	20.5		25		28	39	
J	12	12	20	30		45		50	60	
L1	16~	15~15	16~16	20~17	20~18	22~18	22~24	23~25	30~24	30~28
L2	24	31	37	38		43		51	63	
M1	M32X1.5	M40X1.5	M55X2	M60X2		M85X2		M100X2	M130X2	
M2	4-M10	4-M10	6-M10	6-M12		6-M16		6-M16	6-M20	
M3	-	4-M6	4-M6	6-M10	4-M6	6-M12	4-M8	4-M8	6-M16	4-M10
N	52	62	73	95		110		130	165	
P	14	14	20	25		30		30	43	
Rmax	11.3	19.8	22.8	29.8		33.8		45.8	47.3	
Rmin	6.8	7.8	9.3	14.8		14.3		15.8	18.2	
S	25	25	31	35		40		50	62	
T	10	10	12	14		16		21	25.5 or 22	25.5 or 22
重量 Weight [kg]	3.8~	6.7~7.3	11.5~13.3	21.3~24.2	21.3~22.4	33.5~40.5	33.5~39	59.7~62.7	115~129	115~122

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

四爪中空液压卡盘 BC410
4-Jaw hollow power chuck



- 高强刚性，稳定耐磨
- 定位精度为 0.01mm，使用寿命长
- 适用于异性加工

- High strength stable wearable
- High precision,hign cycle life
- Suitable for irregular workpieces processing

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Order no.	BC410-YK-406-A205	BC410-YK-408-A205	BC410-YK-408-A206	BC410-YK-410-A206	BC410-YK-410-A208	BC410-YK-412-A208	BC410-YK-415-A208	BC410-YK-415-A211	BC410-YK-418-A211
型号 Size	406	408		410		412	415		418
夹持范围 Clamping range	15-168	13-210		31-254		34-304	50-381		50-450
主轴接口 Spindle nose	A205	A205	A206	A206	A208	A208	A208	A211	A211
最大夹持力 Max. clamping force [kgf]	5800	8570		11300		14650	18350		18350
最大推力 Max. Pull force [kgf]	2200	3500		4380		5600	7250		7250
最大使用压力 Max.pressure Mpa	2.5 (25)	2.8 (28)		2.6 (26)		2.6 (26)	2.4 (24)		2.4 (24)
最大转速 RPM n max. [1/min]	5000	4200		3,400		2700	2000		1700
油缸型号 Matching cylinder	KY-646T	KY-852T		KY-1075T		KY-1291T	KY-1512T		KY-1512T
爪行程 (直径) Jaw stroke [mm]	5.5	7.4		9		10.6	10.6		10.6
楔心行程 Piunger stroke[mm]	12	16		19		19	23		23
惯量 Moment of inertlal[Kg.m2]	0.07	0.19		0.34		0.79	2.5	2.42	4.85
A	169	210		254		304	381		450
B	81~91	91~109	91~103	100~120	100~113	110~122	133~160	133~149	133~149
C(H6)	140	170		220		220	300		300

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四爪中空液压卡盘 BC410
4-Jaw hollow power chuck

› 技术参数 | Technical parameters

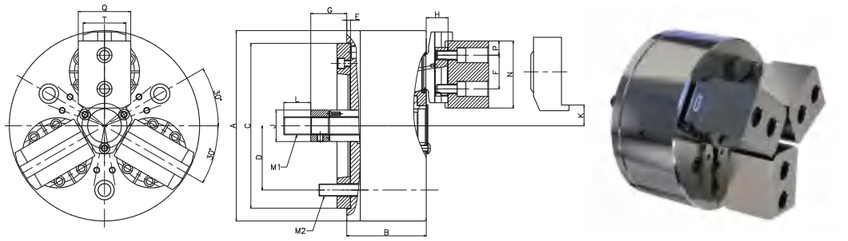
单位 | Unit：mm

D	82.6	104.8	133.4	174.4		171.4	235		235
D1	82.56	82.56	106.38	106.38	139.72	139.72	139.72	196.87	196.87
D2	116	104.8	150	133.4	190	190	171.4	260	260
E	5	5		5		6	6		6
E1	15	23	17	25	18	18	33	22	22
F	45	52		75		91	120		120
Gmax	11~26	14.5~37.5	14.5~31.5	8.5~33.5	8.5~26.5	8~26	11~44	11~33	11~33
Gmin	-1~14	-1.5~21.5	-1.5~15.5	-10.5~14.5	-10.5~7.5	-15~3	-12~21	-12~10	-12~10
H	19	20.5		25		28	39		39
J	20	30		45		50	60		60
L1	16~16	20~17	20~18	22~18	22~24	23~25	30~24	30~28	30~28
L2	37	38		43		51	63		63
M1	M55X2	M60X2		M85X2		M100X2	M130X2		M130X2
M2	4-M10	4-M12		4-M12		4-M16	4-M20		M4-M20
M3	4-M6	6-M10	4-M6	6-M12	4-M8	4-M8	6-M16	4-M10	4-M10
N	73	95		110		130	165		165
P	20	25		30		30	43		43
Rmax	22.8	29.8		33.8		45.8	47.3		79.2
Rmin	9.3	14.8		14.3		15.8	18.2		18.2
S	31	35		40		50	62		62
T	12	14		16		21	25.5 or 22		25.5 or 22
重量 Weight [kg]	12.5~14.3	23.5~25.4	23.5~24	36~41	36~29	62~65	124~138	124~130	170~184

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

三爪后拉式球锁液压卡盘 BC520

3-Jaw pull ball-lock power chuck



- 爪左右自动摆动 5°，对外形粗糙的工件夹持更稳定。适用于夹持锻造和铸造的零件
- 球形设计的主爪，有效防水防屑
- 左右 5°的外径偏差指向调节，可牢固夹持各种工件
- 径向和后拉爪的动作，能牢固夹持最大 10° 的难度工件

- Suitable for clamping forging and casting parts. The claw moves freely about 5 degrees and has a strong clamping force
- The ball design of the main jaw can prevents effectively the debris and coolant from entering the chuck
- Deviation adjustment of 5 degrees around the outer diameter, can firmly clamp all kinds of workplece
- Radial and backward pull motion, can firmly holding the biggest Angle of 10° of casting and forging

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Order no.	BC520-QS-306	BC520-QS-308	BC520-QS-310
型号 Size	306	308	310
夹持范围 Clamping range	70-152	76-203	85-235
最大夹持力 Max. clamping force [kgf]	7140	9780	12540
最大推力 Max. Pull force [kgf]	2370	3260	4180
最大使用压力 Max.pressure Mpa	2.1(21)	2.8(28)	2.6(26)
最大转速 RPM n max. [1/min]	4000	3500	3,000
油缸型号 Matching cylinder	SY-125	SY-125	SY-150
爪行程 (直径) Jaw stroke [mm]	7.9	9.5	12.7
楔心行程 Piunger stroke[mm]	11.3	14.3	17.5
惯量 Moment of inertlal[Kg.m2]	0.15	0.48	1.23

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三爪后拉式球锁液压卡盘 BC520

3-Jaw pull ball-lock power chuck

› 技术参数 | Technical parameters

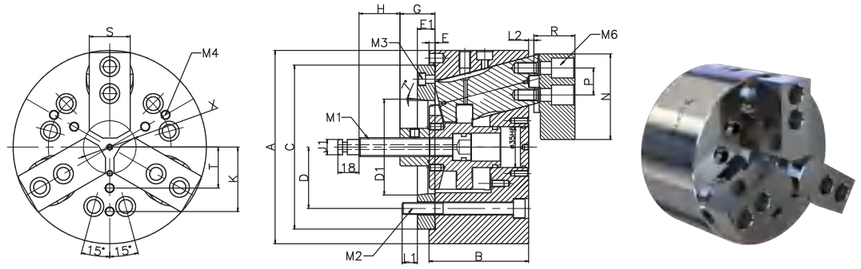
单位 | Unit：mm

A	162	200	254
B	77	88	106
C(H6)	140	170	220
D	104	133	171
E	5		
F	30	34	45
Gmax	44		
Gmin	55	58	61
H	19	23	29
J	32		42
L	36		
M1	M16		M20
M2	3-M10	3-M12	3-M12
N	675	74	89
P	15		19
Q	51	57	70
T	38	44	57
重量 Weight [kg]	18	27	45

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

三爪斜后拉气密液压卡盘 BC530

3-Jaw clined pull air-tight power chuck



- 夹紧工件的同时轴向后拉，使工件紧贴定位面
- 配合气密性检测，适用于自动化生产
- 高强刚性，稳定耐磨

- With workpiece can do radial clamp and axial pulldown at the same time, which able to closer surface of the chuck
- Can cooperate with the airtight detection, and axlal position confirm, suitable for the precise length control machine requirements
- Chuck Actuators with cylindrical structure are durable and ensures high gripping repeatadility, suitable for heavy machine

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Order no.	BC530-YX-306-A205	BC530-YX-308-A205	BC530-YX-308-A206	BC530-YX-310-A206	BC530-YX-310-A208
型号 Size	306	308		310	
夹持范围 Clamping range	22-165	28-210		35-254	
主轴接口 Spindle nose	A205	A205	A206	A206	A208
最大夹持力 Max. clamping force [kgf]	2500	4590		6120	
最大推力 Max. Pull force [kgf]	910	1630		2140	
最大使用压力 Max.pressure Mpa	2.2(22)	2.8(28)		1.9(19)	
最大转速 RPM n max. [1/min]	3500	3000		2,500	
油缸型号 Matching cylinder	SY-75Q	SY-100Q		SY-125Q	
爪行程 (直径) Jaw stroke [mm]	7.8	10.3		10.3	
楔心行程 Piunger stroke[mm]	15	20		20	
惯量 Moment of inertlal[Kg.m2]	0.05	0.14		0.36	

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三爪斜后拉气密液压卡盘 BC530
3-Jaw clined pull air-tight power chuck

› 技术参数 | Technical parameters

单位 | Unit：mm

A	165	210		254	
B	85	100		110	
C(H6)	140	170		220	
D	104.8	133.4		171.4	
D1	82.56	82.56	106.38	106.38	139.72
D2	116	104.8	150	133.4	190
E	5				
E1	15	23	17	25	18
F	35	45		55	
Gmax	30	27		21	
Gmin	15	7		11	
H	35	38		41	
J	32	37		48	
J1	13	16		20	
K	55	75		85	
L1	13	17		19	
L2 min	8	9		9	
M1	M16	M20		M24	
M2	6-M10	6-M12		6-M12	
M3	3-M6	6-M10	3-M6	6-M12	3-M8
M4	6-M6	6-M10		6-M10	
M5	4-M5	4-M6		4-M6	

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三爪斜后拉气密液压卡盘 BC530

3-Jaw clined pull air-tight power chuck

› 技术参数 | Technical parameters

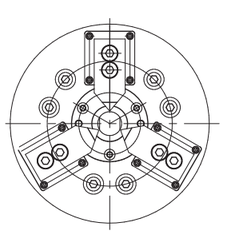
单位 | Unit：mm

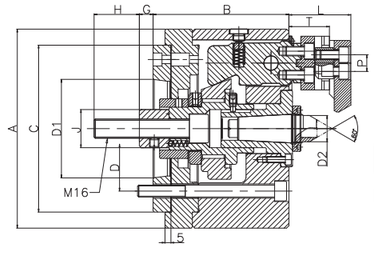
M6	6-M10	6-M12		6-M14	
N	73	82		100	
P	23	26		32	
R	35	40		46	
S	35	40		50	
T	35	50		55	
X	45	60		70	
重量 Weight [kg]	16.8	28.9	27.1	53.5	51.5

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

浮动顶尖液压卡盘 BC540

Pull compensating power chuck







- 主轴式机床夹具，卡爪具有后拉和补偿夹紧的功能（卡盘承受加工时的扭矩和后拉力）。卡爪对中心进行补偿夹持，标准尺寸为 ϕ5mm，可达 ϕ10mm。
- 根据轴的中心，（两个顶针）轴心与轴的轴线一致，可使用卡盘适配器，便于操作。
- Spindle type machine fixture, the card claw has the function of post-pull and compensating clamp on the workpiece, (The chuck holds the torque and rear pullof the processing) For Jaw compensation to the cener,thestandardis ϕ5mm and available for up to ϕ10mm.
- Based on the center of the axis, (two thimbles) the center of the axis is the same as the axis of the axis, you can use. Use chuck adaptor, easy.

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Order no.	BC540-YF-306-A205	BC540-YF-308-A205
型号 Size	306	308
夹持范围 Clamping range	6-35	16-65
主轴接口 Spindle nose	A205	
最大夹持力 Max. clamping force [kgf]	2550	3500
最大推力 Max. Pull force [kgf]	1500	2000
最大使用压力 Max.pressure Mpa	2.1(21)	2.8(28)
最大转速 RPM n max. [1/min]	3500	3000
油缸型号 Matching cylinder	SY-100	
爪行程 (直径) Jaw stroke [mm]	13	18
楔心行程 Piunger stroke[mm]	16	20
补偿量 Corrected the amount[Dla.mm]	5	6
惯量 Moment of inertlal[Kg.m2]	0.2	0.5

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浮动顶尖液压卡盘 BC540

Pull compensating power chuck

› 技术参数 | Technical parameters

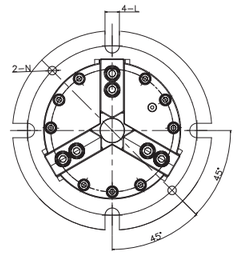
单位 | Unit：mm

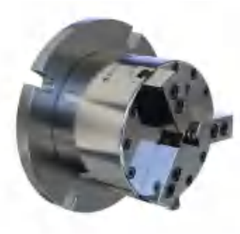
A	168	210
B	116	127
C(H6)	140	170
D	104.8	133.4
D1	82.56	106.38
D2	24	32
E	15	17
G	4-20	9-29
H	38	
J	50	58
L	52	61
M	M10X120	M12X125
N	55	67
P	14	20
T	34	41.5
重量 Weight [kg]	13	22

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

三爪中空立式液压卡盘（防水型）BC550

3-Jaw stationary chuck with through-hole





- 适合在钻床、铣床、加工中心上使用
- 安装简单：单个安装只需配 T 型螺钉即可
- 组合安装：也可多工位组合安装，提高生产效率
- 软卡爪和硬卡爪可互换，从而节约成本
- Suitable for drilling, milling and Machining, center
- Simple installation:Asingle installation requires onlytype screw
- Group to Install:Install a number of chuck plates on the plate, You can quickly replactit
- Soft jaw and hardened jaw can be replaced to save cost

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Order no.	BC550-KL-305	BC550-KL-306	BC550-KL-308	BC550-KL-310	BC550-KL-312
型号 Size	305	306	308	310	312
夹持范围 Clamping range	7-135	12-168	15-210	31-254	34-304
最大夹持力 Max. clamping force [kgf]	3650	5800	8570	11300	14650
最大使用压力 Max.pressure Mpa	3.7(37)	3.6(36)	3.6(36)	3.4(34)	3.6(36)
活塞面积 Eff.piston area [cm2]	46.7	60.4	98	128.6	155.3
活塞行程 Piston stroke[mm]	10	12	16	19	23
爪行程 (直径) Jaw stroke [mm]	5.4	5.5	7	8.8	10.6
A	1258	178	210	254	266
B	135	169	210	254	304
C	28	40	45	70	82
D(H7)	50	60	80	90	
D1	140	160	190	230	246

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三爪中空立式液压卡盘（防水型）BC550

3-Jaw stationary chuck with through-hole

› 技术参数 | Technical parameters

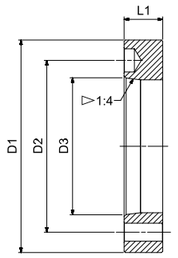
单位 | Unit：mm

E	111	138	158	186	200
F	142	175	196	229	251
G	12	14	16	18	
H	62	73	95	100	130
I	14	20	25	30	
Q	5			6	
L	9	11	13		
N(H7)	10			12	
P	25	31	35	40	50
Weight [kg]	12	20	34	56	80

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

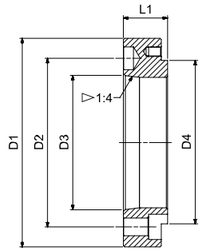
动力法兰

Power chuck flanges





A 型





B 型

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Order no.	类型 Type	主轴规格 Spindle nose	D1	D2	D3	D4	L1
BC560-A205-A	A 型	A2-5	133	104.8	82.563	/	25
BC560-A206-A		A2-6	165	133.4	106.375	/	30
BC560-A208-A		A2-8	210	171.4	106.375	/	35
BC560-A211-A		A2-11	280	235	139.719	/	40
BC560-B205-B	B 型	A2-5	133	104.8	82.563	115	30
BC560-B206-B		A2-6	165	133.4	106.375	115/130/140	35
BC560-B208-B		A2-8	210	171.4	106.375	140/160/170	40
BC560-B211-B		A2-11	280	235	139.719	220	45

› 命名方式 | Naming And Coding Rules

BC560 - A205 - A

- A：法兰类型 Type
- A205：主轴接口 Spindle nose
- BC560：动力卡盘法兰 Power chuck flanges

静止芯轴 STATIONARY MANDREL DEVICE

芯轴可用于加工中心 01
Mandrels can be used on machine center

液压芯轴驱动 02
Hydraulic mandrel actuation

手动芯轴驱动 02
Manual mandrel actuation



04 5 面加工的理想选择
Ideal for 5-sided machining

05 无油缸车床
Ms dock rotating for lathes without clamping cylinde

命名方式 Naming And Coding Rules

BC810	-	042	-	MS	-	003042
01		02		03		04

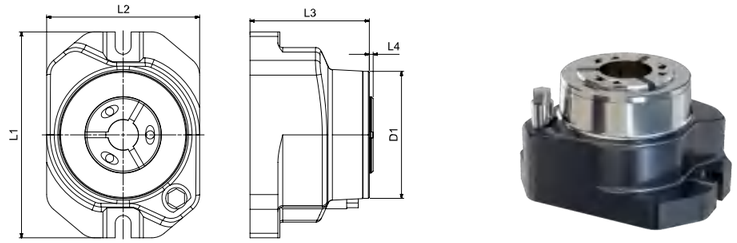
01 产品规格 Type	
BC810	静止手动卡盘 Static manual chuck
BC830	静止液压卡盘 Static hydraulic chuck
BM410	静止手动芯轴底座 Static manual mandrel base
BM420	静止液压芯轴底座 Static hydraulic mandrel base

02 夹头 / 芯轴规格 Size				
042	052	065	80	100
3S	2S	1S	00	01
02	03	04	05	06
07				

03 动力方式 Power Menthod	
MS	手动 Manual
HS	液压 Hydraulic

04 夹持范围 Clamping Range			
003042	3-42mm	004080	4-80mm
003052	3-52mm	015100	15-100mm
003065	3-65mm		

静止手动卡盘 BC810
Static manual chuck BC810



- 重复定位精度≤ 0.01mm
- 适合三轴、五轴、转台设备，支持多工位加工
- Repeatability accuracy ≤ 0.01mm
- Suitable for three-axis, five-axis, and rotary table equipment, supporting multi-station machining

› 技术参数 | Technical parameters

单位 | Unit：mm

型号 Size	42	52	65	80	100
夹持范围 Clamping range [mm]	3-42	3-52	3-65	4-80	15-100
跳动 Run-out ≤ [mm]	0.01				
粗加工夹头 Clamping head serrated	BH210-042	BH210-052	BH210-065	BH210-080	BH210-100
精加工夹头 Clamping head smooth	BH220-042	BH220-052	BH220-065	BH220-080	BH220-100
最大扭矩力 Max. actuating torque [Nm]	50	60	70	60	80
径向夹持力 Radial clamping force [kgf]	8000	9400	10500	11500	15000
轴向拉力 Axial drawtube force[pull / push] [kgf]	3500	4000	4500	5000	6500

订货号 Order no.	D1	L1	L2	L3	L4(粗)	L4(精)	Weight [kg]
BC810-042-RD-003042	Ø 132 f7	214	159	124	9	4	14.3
BC810-052-RD-003052					4		14
BC810-065-RD-003065					9		13
BC810-080-RD-004080	Ø 178 f7	264	210	140	4		22
BC810-100-RD-015100					0	0	

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

› 请参考 | Please refer to



夹头
Clamping heads

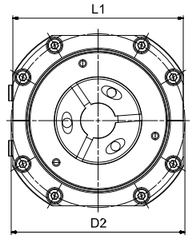
Page 127

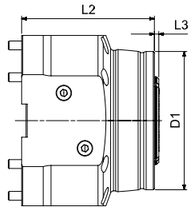


BK 卸爪器
Clamping devices

Page 129

静止液压卡盘 BC830
Static hydraulic chuck BC830







- 夹头径向跳动精度≤ 0.01mm
- 可选配气密检测功能，增加防呆设计
- 适合三轴、五轴、转台设备，支持多工位加工
- 内在活塞设计，可进行油气两动，任意切换

- Clamping bushings radial runout accuracy ≤ 0.01mm
- It can be optionally equipped with a leak detection function and an anti-error design
- Suitable for three-axis, five-axis, and rotary table equipment, supporting multi-station machining
- The internal piston design allows for both oil and air actuation, with the ability to switch arbitrarily

› 技术参数 | Technical parameters

单位 | Unit：mm

型号 Size	42	52	65	80	100
夹持范围 Clamping range [mm]	3-42	3-52	3-65	4-80	15-100
跳动 Run-out ≤ [mm]	0.01				
粗加工夹头 Clamping head serrated	BH210-042	BH210-052	BH210-065	BH210-080	BH210-100
精加工夹头 Clamping head smooth	BH220-042	BH220-052	BH220-065	BH220-080	BH220-100
最大扭矩力 Max. actuating torque [Nm]	40	40	40	40	40
径向夹持力 Radial clamping force [kgf]	8000		10500	11500	15000
轴向拉力 Axial drawtube force[pull / push] [kgf]	3500		4500	5000	6500

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静止液压卡盘 BC830
Static hydraulic chuck BC830

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Order no.	D1	D2	L1	L2	L3(粗)	L3(精)	Weight [kg]
BC830-042-RD-003042	Ø 125 f7	LK Ø 157 [8 x M8]	154	120	9	4	12
BC830-052-RD-003052					4		
BC830-065-RD-003065	Ø 145 f7	LK Ø 180 [8 x M8]	174	130	9		15
BC830-080-RD-004080	Ø 160 f7	LK Ø 194 [8 x M8]	186		4		17.5
BC830-100-RD-015100	Ø 180 f7	LK Ø 240 [8 x M8]	229	140	0	0	29

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

› 请参考 | Please refer to



夹头
Clamping heads

Page 127

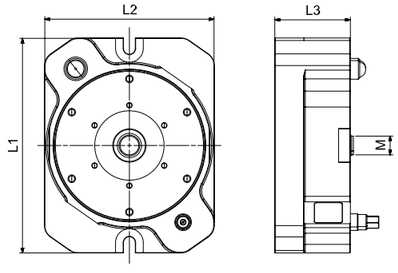


BK 卸爪器
Clamping devices

Page 129

静止手动芯轴底座 BM410

Static manual mandrel base BM410





- 重复定位精度≤ 0.01mm
- 适合三轴、五轴、转台设备，支持多工位加工
- Repeatability accuracy ≤ 0.01mm
- Suitable for three-axis, five-axis, and rotary table equipment, supporting multi-station machining

› 技术参数 | Technical parameters

单位 | Unit：mm

类型 Size	3S-4	5-7
芯轴 Mandrel	BM120-3S/2S/1S/00/01/02/03/04	BM120-05/06/07
轴向拉力 Axial drawtube force [pull / push] [kgf]	3500	4000
最大驱动扭矩 Max. actuating torque [Nm]	55	70

订货号 Order no.	M	L1	L2	L3	Weight [kg]
BM410-MS-082	M30 x 1,5	214	159	82	12
BM410-MS-109		310	245	109	36

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

› 请参考 | Please refer to



芯轴 BM120
Mandrel BM120

Page 91

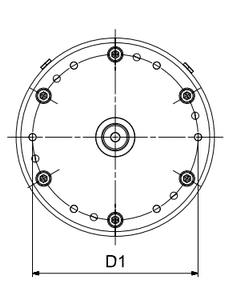
› 命名方式 | Naming And Coding Rules

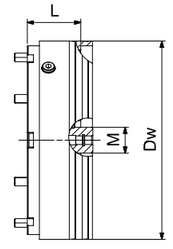
BM410 - MS - 082

- 082 总高度 Height
- MS 手动驱动单元规格 Product
- BM410 手动卡盘 Manual stationary devices

静止液压芯轴底座 BM420

Static hydraulic mandrel base BM420







- 芯轴径向跳动精度≤ 0.01mm
- 可选配气密检测功能，增加防呆设计
- 适合三轴、五轴、转台设备，支持多工位加工
- 内在活塞设计，可进行油气两动，任意切换
- Mandrel radial runout accuracy ≤ 0.01mm
- It can be optionally equipped with a leak detection function and an anti-error design
- Suitable for three-axis, five-axis, and rotary table equipment, supporting multi-station machining.
- The internal piston design allows for both oil and air actuation, with the ability to switch arbitrarily

› 技术参数 | Technical parameters

单位 | Unit：mm

型号 Size	3S-4	5-7
芯轴 Mandrel	BM120-3S/2S/1S/00/01/02/03/04	BM120-05/06/07
轴向拉力 Axial drawtube force [pull / push] [kgf]	3500	4500
最大释放压力 Max. release pressure [bar]	56	51
最大驱动压力 Max. actuating pressure [bar]	44	47

订货号 Order no.	M	D1	Dw	L	Weight [kg]
BM420-HS-082	M30 x 1,5	Ø 131 H6	139	62	9
BM420-HS-109		Ø 219 H6	230		18

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

› 请参考 | Please refer to



芯轴 BM120
Mandrel BM120

Page 91

› 命名方式 | Naming And Coding Rules

BM420 - HS - 082

- 082 总高度 Height
- HS 液压驱动单元规格 Product
- BM420 液压卡盘 Hydraulic stationary devices

命名方式 Naming And Coding Rules

BH210	-	032	-	RD	-	01
01		02		03		04

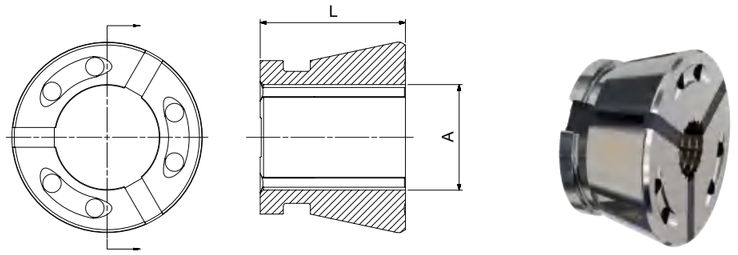
01 产品规格 Type	
BH210	粗加工夹头 Clamping head Roughing
BH220	精加工夹头 Clamping head finishing
BS110	BM210 涨套 BM210 Clamping bushing
BS130	BM120 涨套 BM120 Clamping bushing

02 涨套对应芯轴规格 / 夹头规格 Size			
032	BC220-032	3S	BM120-3S
042	BC220-042	2S	BM120-2S
052	BC220-052	1S	BM120-1S
065	BC220-065	00	BM120-00
080	BC220-080	01	BM120-01
100	BC220-100	02	BM120-02
125	BC220-125	03	BM120-03
160	BC220-160	04	BM120-04
		05	BM120-05
		06	BM120-06
		07	BM120-07

03 轮廓 Profile	
RD	圆形 Round

04 序号 Number
01

粗加工夹头 BH210
Clamping head Roughing BH210



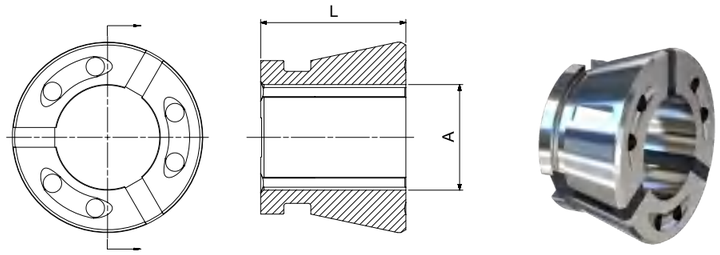
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	规格 Size	对应卡盘类型 Matching Chuck Types	增量 Increments [mm]	锯齿类型 Type of serration	A	L
BH210-032-RD-01	32	BC220-032	1	带齿型 With Serration	4-32	47
BH210-042-RD-01	42	BC220-042	0.5	带齿型 With Serration	4-42	47
BH210-052-RD-01	52	BC220-052		带齿型 With Serration	4-52	46
BH210-065-RD-01	65	BC220-065		带齿型 With Serration	4-65	58
BH210-080-RD-01	80	BC220-080	1	带齿型 With Serration	4-80	53
BH210-100-RD-01	100	BC220-100		带齿型 With Serration	15-100	59
BH210-125-RD-01	125	BC220-125		带齿型 With Serration	25-125	67
BH210-160-RD-01	160	BC220-160		带齿型 With Serration	27-160	63

精加工夹头 BH220

Clamping head finishing BH220



› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	规格 Size	对应卡盘类型 Matching Chuck Types	增量 Increments [mm]	锯齿类型 Type of serration	A	L
BH220-032-RD-01	32	BC220-032	1	光滑 Smooth	3-32	44
BH220-042-RD-01	42	BC220-042	0.5	光滑 Smooth	3-42	42
BH220-052-RD-01	52	BC220-052		光滑 Smooth	3-52	46
BH220-065-RD-01	65	BC220-065		光滑 Smooth	3-62	53
BH220-080-RD-01	80	BC220-080	1	光滑 Smooth	4-80	53
BH220-100-RD-01	100	BC220-100		光滑 Smooth	15-100	59
BH220-125-RD-01	125	BC220-125		光滑 Smooth	25-125	67
BH220-160-RD-01	160	BC220-160		光滑 Smooth	27-160	63

卸爪器 BK110

Changing Devices BK110



› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	规格 Size	夹头尺寸 Clamping head size [mm]
BK110-32-01	32	3-32
BK110-42-01	42	3-42
BK110-52-01	52	3-52
BK110-65-01	65	3-65
BK110-80-01	80	4-80
BK110-100-01	100	15-100
BK110-125-01	125	25-125

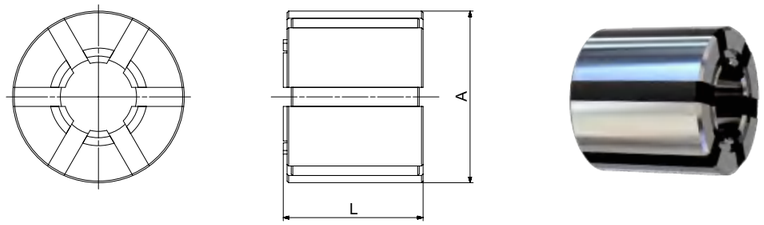
› 命名方式 | Naming And Coding Rules

BK110 - 32 - 01

- 01 — 类型 Profile
- 32 — 夹头夹持规格 Size
- BK110 — 百斯图爪夹器 Changing Devices

BM210 涨套 BS110

BM210 Clamping bushing BS110



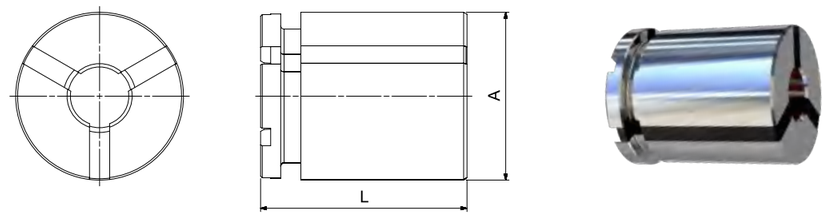
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	芯轴型号 Size	行程 Storke [mm]	L	A
BS110-00-RD-01	BM110-00	±0.25	24	20-28
BS110-01-RD-01	BM110-01	±0.25	28	26-38
BS110-02-RD-01	BM110-02	±0.25	44	36-54
BS110-03-RD-01	BM110-03	±0.35	50	50-80
BS110-04-RD-01	BM110-04	±0.4	60	69-100
BS110-05-RD-01	BM110-06	±0.5	78	100-130
BS110-06-RD-01	BM110-07	±0.5	86	130-160
BS110-07-RD-01	BM110-08	±0.5	91	160-200

BM120 涨套 BS130

BM120 Clamping bushing BS130



› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	芯轴型号 Size	行程 Storke [mm]	L	A
BS130-3S-RD-01	BM120-3S	±0.2	30	8-13
BS130-2S-RD-01	BN120-2S	±0.25	30	13-19
BS130-1S-RD-01	BM120-1S		31	16-21
BS130-00-RD-01	BM120-00		41	20-28
BS130-01-RD-01	BM120-01		46	26-38
BS130-02-RD-01	BM120-02		61.5	36-54
BS130-03-RD-01	BM120-03	±0.35	67.5	50-80
BS130-04-RD-01	BM120-04	±0.45	76	69-100
BS130-05-RD-01	BM120-05	±0.5	85	100-130
BS130-06-RD-01	BM120-06		94.5	130-160
BS130-07-RD-01	BM120-07		100	160-190

自定心虎钳
SELF-CENTERING VISE



命名方式 Naming And Coding Rules

BZ400	-	P	M	S	-	100	75
01		02	03	04		05	06

01 产品规格 Type	
BZ400	自定心虎钳 Self-centering vise

02 虎钳 Vise	
P	精密型 Precise
E	经济型 Economical

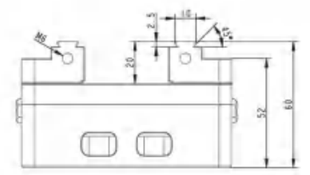
03 动力方式 Power Menthod	
M	手动 Manual
A	气动 Air

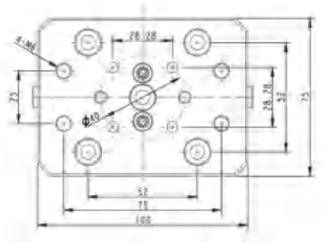
04 工位数量 Number of Stations	
S	单工位 Single
D	双工位 Double

05 虎钳长度 Vise Length	
100	100mm
130	130mm
150	150mm
155	155mm
160	160mm
170	170mm
225	225mm
255	255mm
280	280mm
300	300mm
480	480mm

06 虎钳宽度 Vise Width	
075	75mm
080	80mm
100	100mm
125	125mm
130	130mm
160	160mm

经济型虎钳 Economical vise







- 材质为硬化钢，表面及导轨硬化处理，结构稳定
- 手动操作，无需额外动力源，操作简单
- 稳定夹持，精密配合，减少钳口上下浮动

- Material: Hardened steel,surface and rail hardening treatment,stable structure
- Manual operation, no additional power source required, simple to operate
- Stable clamping with precise fit, reducing the up-and-down movement of the jaws

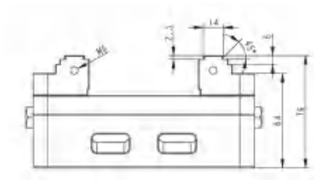
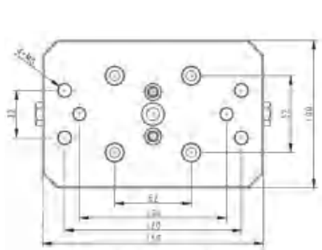
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	正反向夹持 Positive and negative clamping	最大扭矩 Max torque	重量 Weight
BZ400-EMS-100075	14KN	0-46/45-80	60Nm	2.6

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

经济型虎钳
Economical vise


- 材质为硬化钢，表面及导轨硬化处理，结构稳定
- 手动操作，无需额外动力源，操作简单
- 稳定夹持，精密配合，减少钳口上下浮动
- Material: Hardened steel,surface and rail hardening treatment,stable structure
- Manual operation, no additional power source required, simple to operate
- Stable clamping with precise fit, reducing the up-and-down movement of the jaws

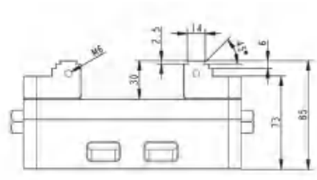
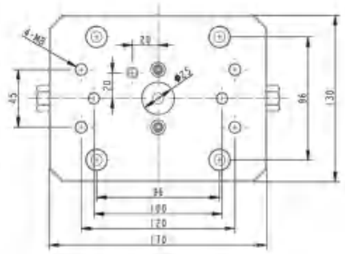
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	正反向夹持 Positive and negative clamping	最大扭矩 Max torque	重量 Weight
BZ400-EMS-150100	20KN	0-80/57-120	75Nm	5.5

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

经济型虎钳
Economical vise


- 材质为硬化钢，表面及导轨硬化处理，结构稳定
- 手动操作，无需额外动力源，操作简单
- 稳定夹持，精密配合，减少钳口上下浮动
- Material: Hardened steel,surface and rail hardening treatment,stable structure
- Manual operation, no additional power source required, simple to operate
- Stable clamping with precise fit, reducing the up-and-down movement of the jaws

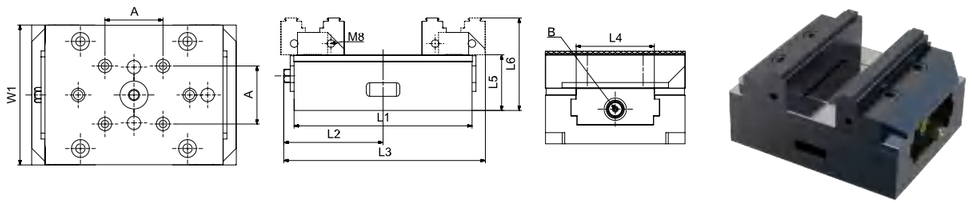
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	正反向夹持 Positive and negative clamping	最大扭矩 Max torque	重量 Weight
BZ400-EMS-170130	25KN	0-86/71-152	80Nm	9.3

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

精密型虎钳
Precision vise



- 重复定位精度< 0.01mm
- 材质为硬化钢，表面及导轨硬化处理，结构稳定
- 手动操作，无需额外动力源，操作简单
- 丝杠内藏，有效防屑，维护成本低
- 适用于加工中心，平面磨床

- Repeated positioning accuracy <0.01mm
- Material: Hardened steel,surface and rail hardening treatment,stable structure
- Manual operation, no additional power source required, simple to operate
- The screw shaft is concealed internally, effectively preventing chip ingress and reducing maintenance costs
- Suitable for machining centers and surface grinding machines

› 技术参数 | Technical parameters

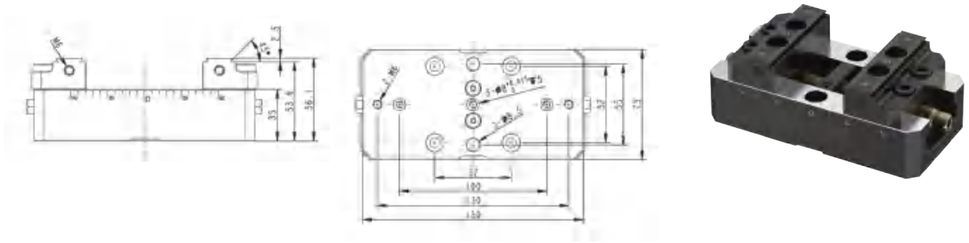
单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	正反向夹持 Positive and negative clamping	最大扭矩 Max torque	重量 Weight
BZ400-PMS-130080	25KN	4-63/62-120	90Nm	4
BZ400-PMS-160125	35KN	8-87/84-163	100Nm	8.7
BZ400-PMS-300125	35KN	8-227/84-303	100Nm	14
BZ400-PMS-280160	50KN	8-134/125-251	175Nm	24.2
BZ400-PMS-480160	50KN	8-348/135-462	175Nm	38.2

订货号 Ordering code	A	B	L1	W1	L2	L3	L4	L5	L6
BZ400-PMS-130080	52	12	130	80	81	157	54	50	78
BZ400-PMS-160125	50	12	160	125	115.5	208	70	50	83
BZ400-PMS-300125	50	12	300	125	181	348	70	50	83
BZ400-PMS-280160	50	14	280	160	170	315	86	70	120
BZ400-PMS-480160	50	14	480	160	276	524	86	70	720

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

精密型虎钳
Precision vise



- 重复定位精度< 0.01mm
- 材质为硬化钢，表面及导轨硬化处理，结构稳定
- 手动操作，无需额外动力源，操作简单

- Repeated positioning accuracy <0.01mm
- Material: Hardened steel,surface and rail hardening treatment,stable structure
- Manual operation, no additional power source required, simple to operate

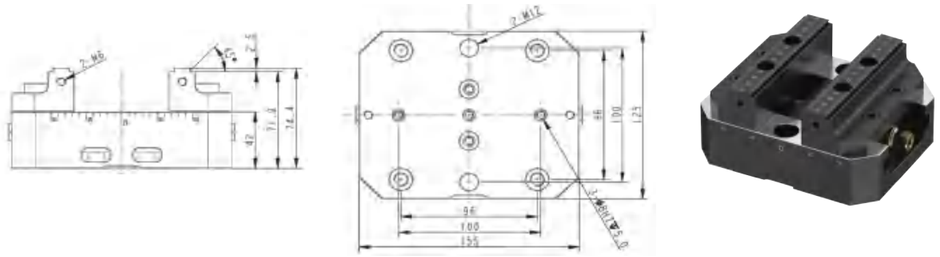
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	正反向夹持 Positive and negative clamping	最大扭矩 Max torque	重量 Weight
BZ400-PMS-150075	14KN	0-90/41-126	60Nm	3

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

精密型虎钳
Precision vise



- 重复定位精度＜ 0.01mm
- 材质为硬化钢，表面及导轨硬化处理，结构稳定
- 手动操作，无需额外动力源，操作简单
- Repeated positioning accuracy <0.01mm
- Material: Hardened steel,surface and rail hardening treatment,stable structure
- Manual operation, no additional power source required, simple to operate

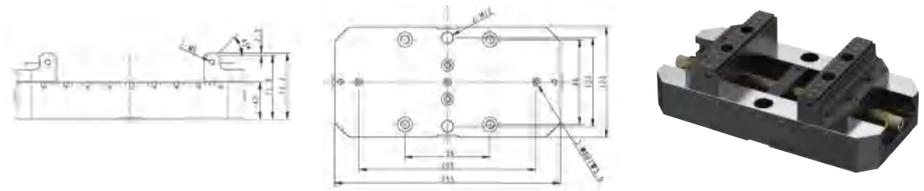
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	正反向夹持 Positive and negative clamping	最大扭矩 Max torque	重量 Weight
BZ400PMS-155125	20KN	0-76/56-127	75Nm	7

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

精密型虎钳
Precision vise



- 重复定位精度＜ 0.01mm
- 材质为硬化钢，表面及导轨硬化处理，结构稳定
- 手动操作，无需额外动力源，操作简单
- Repeated positioning accuracy <0.01mm
- Material: Hardened steel,surface and rail hardening treatment,stable structure
- Manual operation, no additional power source required, simple to operate

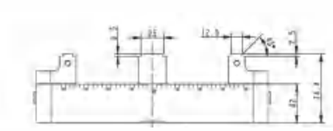
› 技术参数 | Technical parameters

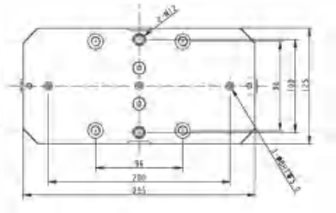
单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	正反向夹持 Positive and negative clamping	最大扭矩 Max torque	重量 Weight
BZ400-PMS-225125	20KN	0-177/56-228	75Nm	9.8

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

精密型虎钳
Precision vise







- 重复定位精度＜ 0.01mm
- 材质为硬化钢，表面及导轨硬化处理，结构稳定
- 手动操作，无需额外动力源，操作简单

- Repeated positioning accuracy <0.01mm
- Material: Hardened steel,surface and rail hardening treatment,stable structure
- Manual operation, no additional power source required, simple to operate

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	正反向夹持 Positive and negative clamping	最大扭矩 Max torque	重量 Weight
BZ400-PMD-225125	20KN	0-74/32-110	75Nm	9.6

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

零点系统
ZERO-POINT SYSTEM



命名方式 Naming And Coding Rules

BZ500	-	PSC63	V	-	134
01		02	03		04

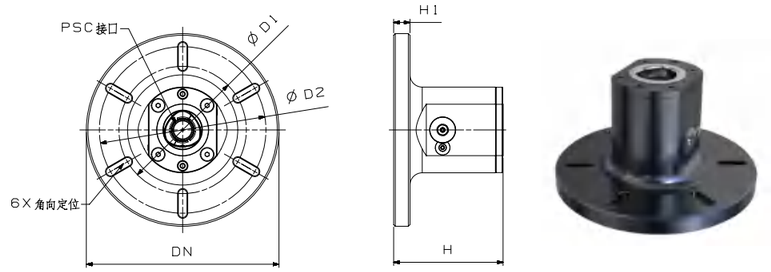
01 产品规格 Type	
BZ500	PSC 零点定位 PSC Zero point

02 接口规格 Interface Type	
PSC63	PSC63 接口 Interface
PSC80	PSC80 接口 Interface

03 加工方式 Processing Method	
V	立式 Vertical
L	车床 Lathe
A	气动 Pneumatic

04 长度 Length	
134	134mm
140	140mm
150	150mm
154	154mm
162	162mm
174	174mm
182	182mm
194	194mm
202	202mm
222	222mm

PSC 立式加工零点定位
PSC vertical machining zero positioning



- 重复定位精度 0.002mm
- 配合模块化夹具使用，应用范围广
- 快速换装，操作简单
- 适应于加工中心、五轴联动机床

- Repeated positioning accuracy 0.002mm
- Used with modular fixture, wide range of applications
- Quick change, easy to operate
- Suitable for machining center and five-axis linkage machine tool

› 技术参数 | Technical parameters

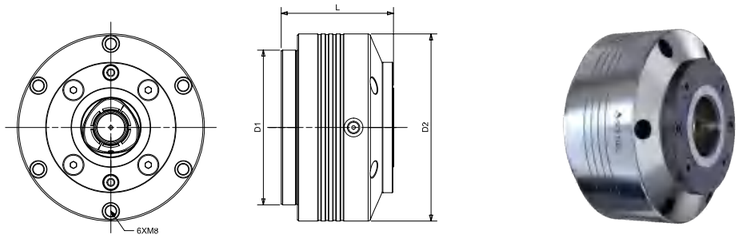
单位 | Unit：mm

订货号 Ordering code	尺寸 Dimension					重量 Weight
	DN	D1	D2	H	H1	
BZ500-PSC63V-134	236	156	204	134	20	12.6
BZ500-PSC63V-154				154		14
BZ500-PSC63V-174				174		15.3
BZ500-PSC63V-194				194		16.2
BZ500-PSC80V-142	260	180	230	142	20	17.3
BZ500-PSC80V-162				162		19.2
BZ500-PSC80V-182				182		21
BZ500-PSC80V-202				202		22.8
BZ500-PSC80V-222				222		24.7

- 可单独订购配件，按需询价
- 如果您有需要，请查看样本背面的联系方式，我们会立刻为您提供专业回答

- The spare parts can be ordered separately. Please inquire on demand
- If you need to,please check the contact information on the back of the sample,we will immedieately provide you with a professional answer

PSC 气动零点定位
PSC pneumatic zero point



- 气动松开，机械夹紧
- 重复定位精度< 0.003mm
- 具有二次增压功能，提高拉紧力
- 操作简单，适用于自动化生产

- Pneumatic release and mechanical clamping
- Repeatability < 0.003 mm
- Integrated secondary force amplification to increase clamping force
- Simple operation, ideal for automated production

› 技术参数 | Technical parameters

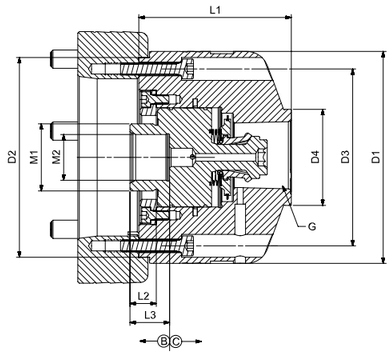
单位 | Unit：mm

订货号 Ordering code	解锁方式 Locking method	夹紧力 Clamping force	重量 Weight	D1	D2	L
BZ500-PSC63A-150	气压	18	1	124	150	90
BZ500-PSC80A-170	气压	40	1	152	180	100

- 可单独订购配件，按需询价

- The spare parts can be ordered separately. Please inquire on demand

PSC 车床零点定位
PSC lathe zero positioning





- 重复定位精度 0.002mm
- 配合模块化夹具使用，应用范围广
- 快速换装，操作简单
- 适应于卧式车床

- Repeated positioning accuracy 0.002mm
- Used with modular fixture, wide range of applications
- Quick change, easy to operate
- Applicable to horizontal lathe

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	尺寸 Dimension					重量 Weight
	接口规格 Interface type G	轴向夹持冲程 Reserve stroke axial [mm] B	轴向松开冲程 Release stroke axial [mm] C	M1	M2	
BZ500-PSC63L-140	PSC63	1.5	2	M44X1.5	M30x1.5	9.2
BZ500-PSC80L-150	PSC80					12.4

订货号 Ordering code	D1	D2	D3	D4	L1	L2	L3
BZ500-PSC63L-140	139	LKØ133.4 [6 x M12]	116	63	100	18.4	26
BZ500-PSC80L-150	139	LKØ133.4 [6 x M12]	116	80	110	18.4	26

- 可单独订购配件，按需询价
- 如果您有需要，请查看样本背面的联系方式，我们会立刻为您提供专业回答

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- If you need to,please check the contact information on the back of the sample,we will immedieately provide you with a professional answer

› 请参考 | Please refer to

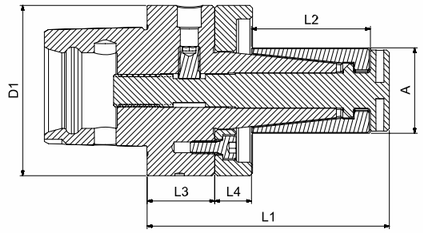


法兰 BM140
Flanges BM140
Page 96



芯轴 BZ500
Mandrel BZ500
Page 150

PSC 手动芯轴
PSC manual mandrel





- 重复定位精度 0.005mm
- 配合 PSC 零点夹具使用，应用范围广
- 快速换装，操作简单
- 结构简单，维护成本低

- Repeated positioning accuracy 0.005mm
- Used with PSC zero fixture,wide range of application
- Quick change, easy to operate
- Simple structure and low maintenance cose

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	尺寸 Dimension							重量 Weight
	接口规格 Interface type G	A	D1	L1	L2	L3	L4	
BZ500-PSC63L-01-022032	PSC63	22-32	63	70	26	25	12	1.1
BZ500-PSC63L-02-032045		32-45		90	44		14	1.4
BZ500-PSC80L-03-040065	PSC80	40-65	80	100	50	30	13	2
BZ500-PSC80L-04-060090		60-90		120	60		23	2.5

- 可单独订购配件，按需询价
- 如果您有需要，请查看样本背面的联系方式，我们会立刻为您提供专业回答

- The spare parts can be ordered separately. Please inquire on demand
- If you need to,please check the contact information on the back of the sample,we will immedieately provide you with a professional answer

› 命名方式 | Naming And Coding Rules

BZ500 - PSC63L - 01 - 022032

- 022032：夹持范围 22-32mm Clamping range 22-32mm
- 01：序列号 Type
- PSC63L：PSC63 接口 Interface
- BZ500：PSC 零点定位 PSC Zero point

命名方式 Naming And Coding Rules

BZ100	-	A	W	F	-	138
01		02	03	04		05

01 产品类型 Type	
BZ100	零点单元 Zero point systems module unit

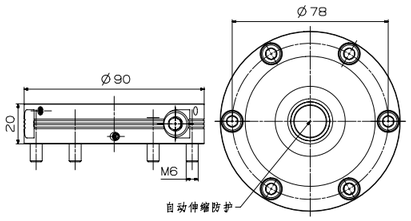
02 动力方式 Power Menthod	
M	手动 Manual
A	气动 Air
H	液压 Hydraulic

03 锁紧结构 Locking Structure	
W	舌型 Wedge

04 是否带气检 Whether ity has a gas test	
T	带 Ture
F	不带 False

05 直径 Diameter	
090	90mm
138	138mm

90 舌型零点
90 Wedge zero point





- 表面硬化处理，高耐磨性
- 重复定位精度< 0.005mm
- 具有二次增压功能，提高拉紧力
- 操作简单，适用于自动化生产

- Surface hardening treatment, high wear resistance
- Repeated positioning accuracy <0.005mm
- It has the function of secondary pressurization to improve the tension
- Simple operation, suitable for automatic production

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	解锁方式 Locking method	夹紧力 Clamping force	无增压拉紧力 [KN] Tightening force with	有增压拉紧力 [KN] Tightening force with turbo	重量 Weight
BZ100-AWF-090	气压	6	0.5	1.5	1
BZ100-AWT-090	气压	6	0.5	1.5	1

- 可单独订购配件，按需询价

- The spare parts can be ordered separately. Please inquire on demand

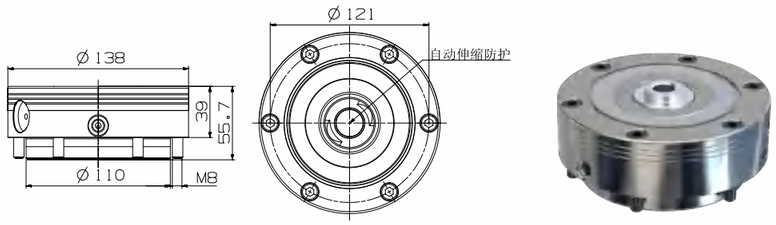
› 请参考 | Please refer to



90 标准拉钉
90 Standard pull nail

Page 157

138 舌型零点
138 Wedge zero point



- 表面硬化处理，高耐磨性
- 重复定位精度 < 0.005mm
- 具有二次增压功能，提高拉紧力
- 操作简单，适用于自动化生产

- Surface hardening treatment, high wear resistance
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- Simple operation, suitable for automatic production

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	解锁方式 Locking method	夹紧力 Clamping force	无增压拉紧力 [KN] Tightening force with turbo	有增压拉紧力 [KN] Tightening force with turbo	重量 Weight
BZ100-AWF-138	气压	6	8	28	4.5
BZ100-AWT-138	气压	6	8	28	4.5

- 可单独订购配件，按需询价

- The spare parts can be ordered separately. Please inquire on demand

› 请参考 | Please refer to



138 标准拉钉
138 Standard pull nail

Page 158

命名方式 Naming And Coding Rules

BZ300	-	W	A	-	M10	-	090
01		02	03		04		05

01 产品类型 Type	
BZ300	零点单元 Zero point systems Spannbolzen

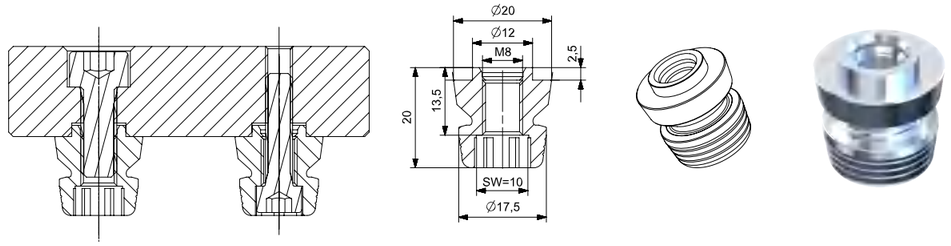
02 锁紧结构 Locking Structure	
W	舌型 Wedge

03 规格 Type	
A	定位拉钉 Positioning nail
B	定向拉钉 Directional nail
C	锁紧拉钉 Locking nail

04 螺纹大小 Thread Size		
M10	M12	M16

05 直径 Diameter	
090	90mm
138	138mm

90 标准拉钉
90 Standard pull nail

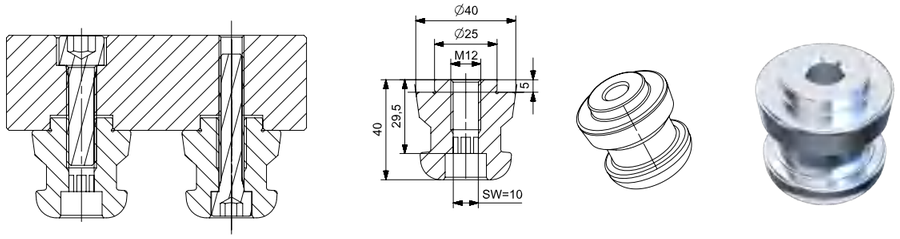


› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	夹紧力 (M6) Clamping force	夹紧力 (M8) Clamping force	重量 Weight
BZ300-WA-M8-090	15	25	0.3
BZ300-WB-M8-090			0.3
BZ300-WC-M8-090			0.3

138 标准拉钉
138 Standard pull nail

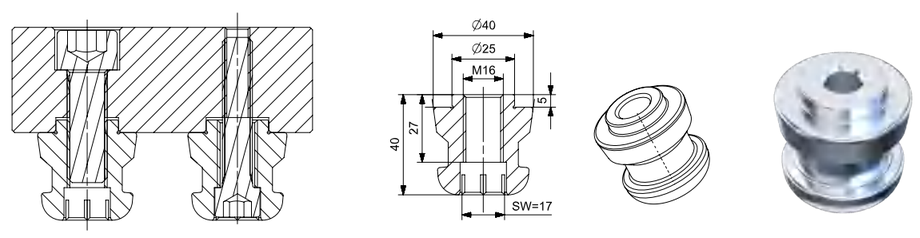


› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	夹紧力 (M10) Clamping force	夹紧力 (M12) Clamping force	重量 Weight
BZ300-WA-M12-138	35	50	0.3
BZ300-WB-M12-138			0.3
BZ300-WC-M12-138			0.3

138 标准拉钉
138 Standard pull nail



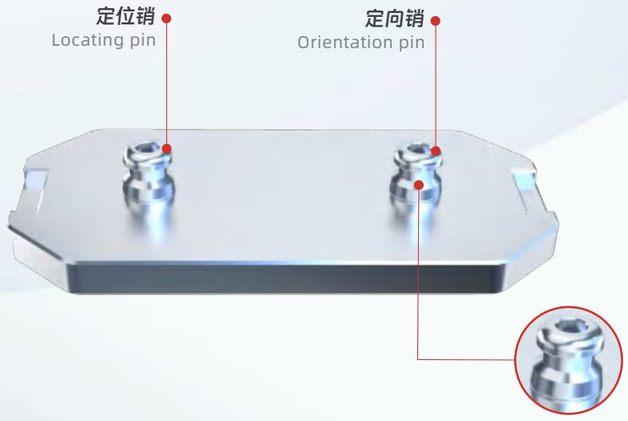
› 技术参数 | Technical parameters

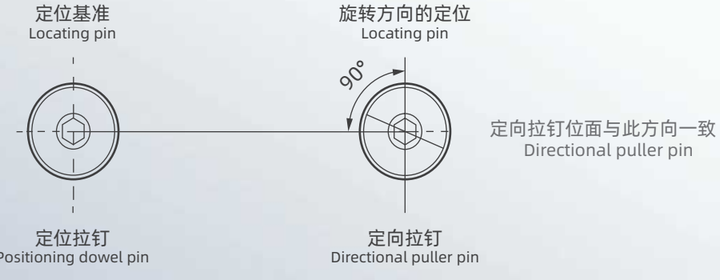
单位 | Unit：mm

订货号 Ordering code	夹紧力 (M10) Clamping force	夹紧力 (M12) Clamping force	重量 Weight
BZ300-WA-M16-138	50	75	0.3
BZ300-WB-M16-138			0.3
BZ300-WC-M16-138			0.3

零点定位基础板
ZERO-POINT POSITIONING BASE PLATE

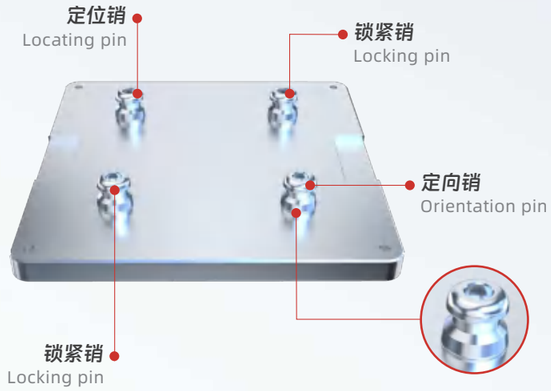
两工位拉钉安装示意图
Two-station pull stud installation diagram

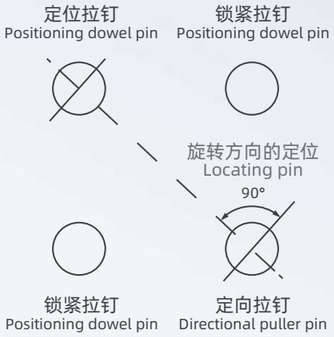




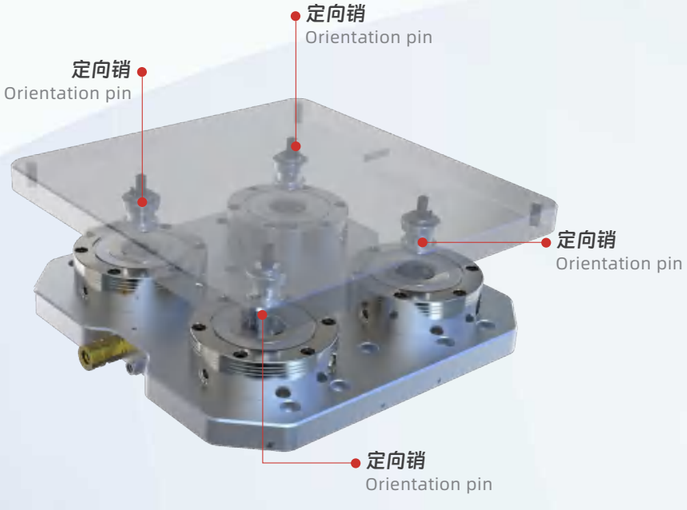
四工位拉钉安装示意图
Four-station pull stud installation diagram

方式一
Method 1





方式二
Method 2



命名方式 Naming And Coding Rules

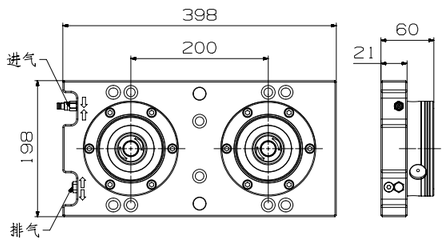
BZ210	-	A	2
01		02	03

01 产品类型 Type	
BZ210	零点定位基础板 Zero position base plate

02 动力方式 Power Menthod	
M	手动 Manual
A	气动 Air
H	液压 Hydraulic

03 单元数 Number of Units	
2	二单元 Two units
4	四单元 Four units

零点定位基础板 A2
Zero position two-element base plate





- 材质：硬化不锈钢，表面及活塞硬化处理
- 重复定位精度＜ 0.005mm
- 托盘可倾斜安装，操作简单

- Material: Hardened stainless steel，surface and piston hardened
- Repeated positioning accuracy < 0.005 mm
- Pallet can be installed at a tilt for easy operation

› 技术参数 | Technical parameters

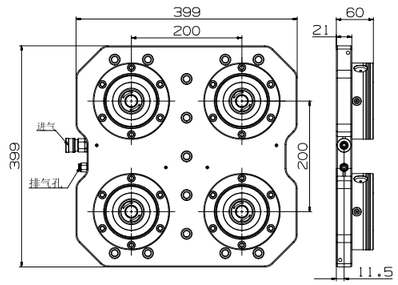
单位 | Unit：mm

订货号 Ordering code	解锁方式 Locking method	解锁力 [bar] Unlocking force	拉紧力 [KN] Tightening force	吹屑 Blowing debris	重量 Weight
BZ210-A2	气压	6	16	√	17

- 可单独订购配件，按需询价

- The spare parts can be ordered separately. Please inquire on demand

零点定位基础板 A4
Zero position four-element base plate





- 材质：硬化不锈钢，表面及活塞硬化处理
- 重复定位精度< 0.005mm
- 托盘可倾斜安装，操作简单

- Material: Hardened stainless steel，surface and piston hardened
- Repeated positioning accuracy < 0.005 mm
- Pallet can be installed at a tilt for easy operation

› 技术参数 | Technical parameters

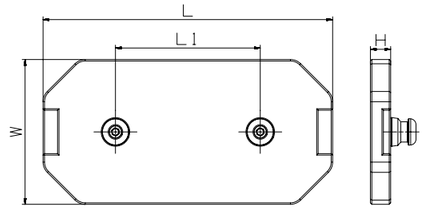
单位 | Unit：mm

订货号 Ordering code	解锁方式 Locking method	解锁力 [bar] Unlocking force	拉紧力 [KN] Tightening force	吹屑 Blowing debris	重量 Weight
BZ210-A4	气压	6	32	√	36

- 可单独订购配件，按需询价

- The spare parts can be ordered separately. Please inquire on demand

二单位托盘
Two-unit pallet





- 材质：硬化不锈钢
- 适用于两单元零点定位基础板
- 可倾斜安装，操作简单

- Material: Hardened stainless steel
- Suitable for two element zero position base plate
- Inclined installation, easy to operate

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	尺寸 Dimension				重量 Weight
	L	W	L1	H	
BZ210-V2	400	200	200	25	16

- 如需非标定制，请查看样本后面的联系方式
- 可单独订购配件，按需询价

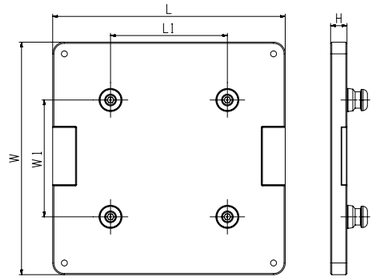
- If you need non-standard customization, please check the contact information behind the sample
- The spare parts can be ordered separately. Please inquire on demand

› 命名方式 | Naming And Coding Rules

BZ210 - V2 - 10 - B

- B：托盘 Pallet
- 10：夹紧力 Clamping force
- V2：单元数 Number of units
- BZ210：零点定位基础板 Zero position base plate

四单位托盘
Four-unit pallet





- 材质：硬化不锈钢
- 适用于四单元零点定位基础板
- 可倾斜安装，操作简单

- Material: Hardened stainless steel
- Suitable for four element zero position base plate
- Inclined installation, easy to operate

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	尺寸 Dimension					重量 Weight
	L	W	L1	W1	H	
BZ210-V4-40-B	398	398	200	200	28	34

- 如需非标定制，请查看样本后面的联系方式
- 可单独订购配件，按需询价

- If you need non-standard customization, please check the contact information behind the sample
- The spare parts can be ordered separately. Please inquire on demand

› 命名方式 | Naming And Coding Rules

BZ210 - V4 - 40 - B

- B：托盘 Pallet
- 40：来紧力 Clamping force
- V4：单元数 Number of units
- BZ210：零点定位基础板 Zero position base plate

命名方式 Naming And Coding Rules

BZ220 - M N - 52 - 120

01 | 02 03 | 04 | 05

01 产品规格 Type	
BZ220	零点快换板 Zero position quick change plate

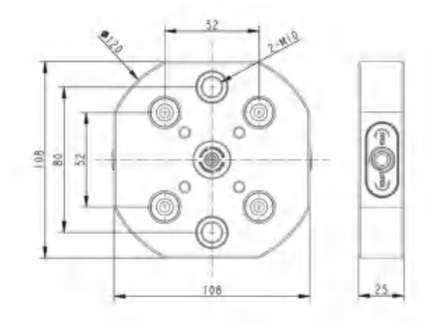
02 动力方式 Power Menthod	
M	手动 Manual
A	气动 Air
H	液压 Hydraulic

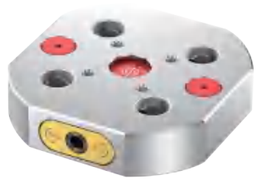
03 快换板分类 Quick Change Plate Sort	
N	普通型 Normal
T	通孔型 Throuth-hole
A	铝制型 Of aluminium

04 拉钉间距 Pin Spacing	
52	52mm
96	96mm
9652	96mm/52mm

05 圆形直径 / 方形长度 Circular Diameter/Square Length	
120	直径 120mm Diameter 120mm
170	直径 170mm Diameter 170mm
185	直径 185mm Diameter 185mm
200	直径 200mm Diameter 200mm
108	长度 170mm Length 170mm
125	长度 125mm Length 125mm
155	长度 155mm Length 155mm
175	长度 175mm Length 175mm
210	长度 210mm Length 210mm
340	长度 340mm Length 340mm

圆形零点快换板 52
Round zero quick change plate





- 材质：硬化不锈钢
- 手动夹紧、解锁，操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for additional power source
- Surface hardening treatment, high wear resistance

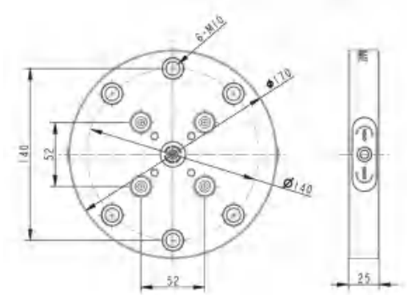
› 技术参数 | Technical parameters

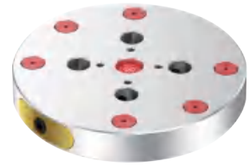
单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	螺栓 Bolt	重量 Weight
BZ220-MN-52-120	18KN	4XM10	1.7

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

圆形零点快换板 52
Round zero quick change plate





- 材质：硬化不锈钢
- 手动夹紧、解锁，操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for additional power source
- Surface hardening treatment, high wear resistance

› 技术参数 | Technical parameters

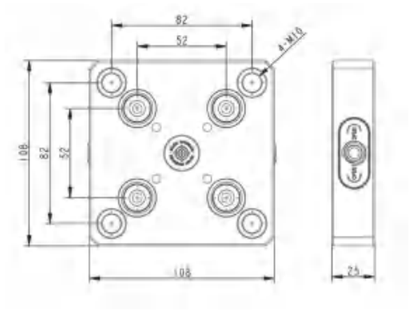
单位 | Unit：mm

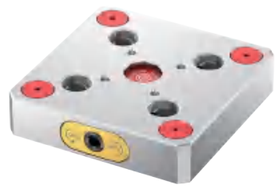
订货号 Ordering code	锁紧力 Locking force	螺栓 Bolt	重量 Weight
BZ220-MN-52-170	18KN	6XM10	3.7

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

方形零点快换板 52

Square zero quick change plate





- 材质：硬化不锈钢
- 手动夹紧、解锁，操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for additional power source
- Surface hardening treatment, high wear resistance

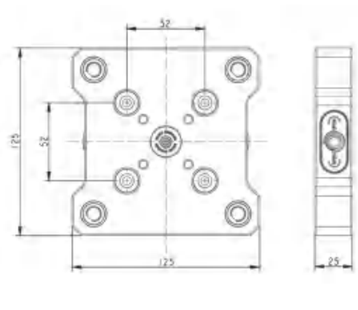
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	螺栓 Bolt	重量 Weight
BZ220-MN-52-108	18KN	4XM10	1.9

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

方形零点快换板 52
Square zero quick change plate





- 材质：硬化不锈钢
- 手动夹紧、解锁，操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for additional power source
- Surface hardening treatment, high wear resistance

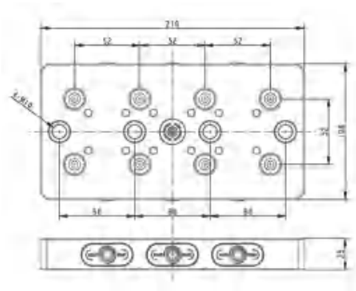
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	螺栓 Bolt	重量 Weight
BZ220-MN-52-125	18KN	4XM10	2.5

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

零点快换板 52
Zero quick change plate





- 材质：硬化不锈钢
- 手动夹紧、解锁，操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for additional power source
- Surface hardening treatment, high wear resistance

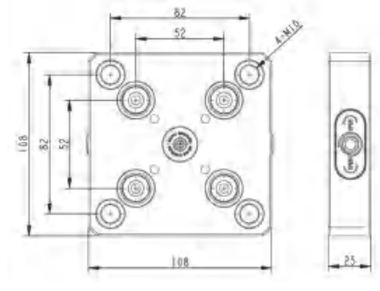
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	螺栓 Bolt	重量 Weight
BZ220-MN-52-210	18KN	4XM10	3.6

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

零点快换板 52
Zero quick change plate





- 材质：硬化不锈钢
- 手动夹紧、解锁，操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for additional power source
- Surface hardening treatment, high wear resistance

› 技术参数 | Technical parameters

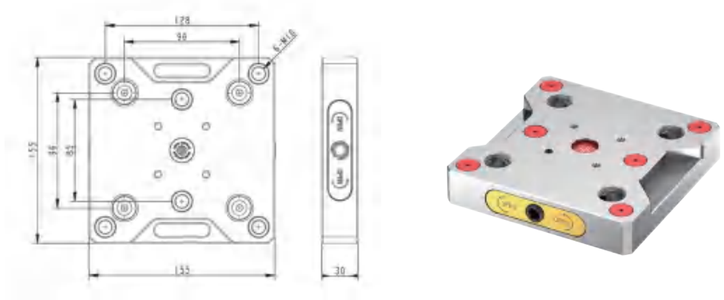
单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	螺栓 Bolt	重量 Weight
BZ220-MA-52-108	18KN	4XM10	2.5

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

方形零点快换板 96

Square zero quick change plate



- 材质：硬化不锈钢
- 手动夹紧、解锁，操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for additional power source
- Surface hardening treatment, high wear resistance

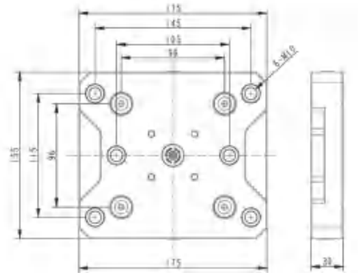
› 技术参数 | Technical parameters

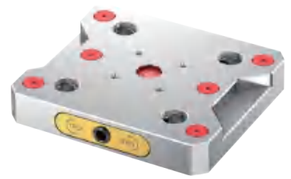
单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	螺栓 Bolt	重量 Weight
BZ220-MN-96-155	22KN	6XM10	4.8

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

方形零点快换板 96
Square zero quick change plate





- 材质：硬化不锈钢
- 手动夹紧、解锁，操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for additional power source
- Surface hardening treatment, high wear resistance

› 技术参数 | Technical parameters

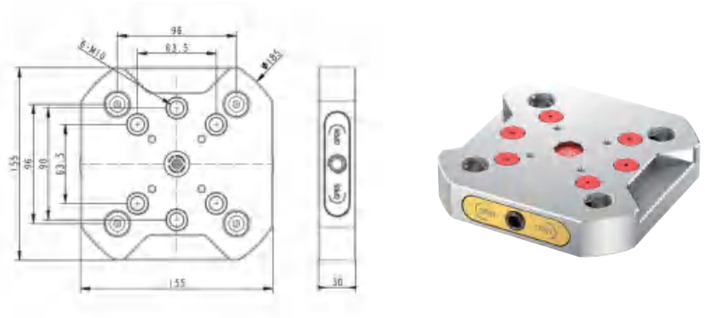
单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	螺栓 Bolt	重量 Weight
BZ220-MN-96-175	22KN	6XM10	5

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

圆形零点快换板 96

Round zero quick change plate



- 材质：硬化不锈钢
- 手动夹紧、解锁，操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for additional power source
- Surface hardening treatment, high wear resistance

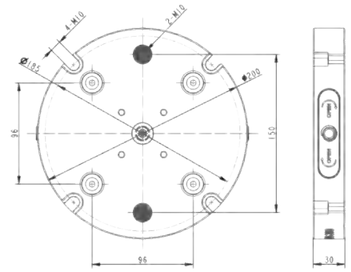
› 技术参数 | Technical parameters

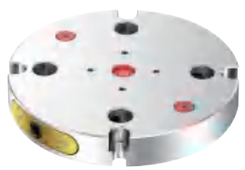
单位 | Unit：mm

订货号	锁紧力	螺栓	重量
Ordering code	Locking force	Bolt	Weight
BZ220-MN-96-185	22KN	6XM10	4.8

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

圆形零点快换板 96
Round zero quick change plate





- 材质：硬化不锈钢
- 手动夹紧、解锁，操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for additional power source
- Surface hardening treatment, high wear resistance

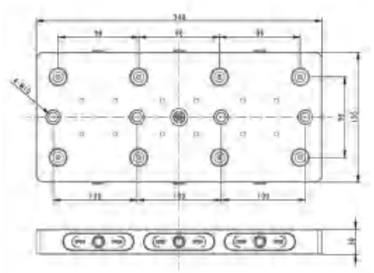
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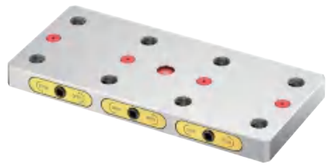
单位 | Unit：mm

订货号	锁紧力	螺栓	重量
Ordering code	Locking force	Bolt	Weight
BZ220-MN-96-200	20KN	2XM10	6.5

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

零点快换板
Zero quick change plate





- 材质：硬化不锈钢
- 手动夹紧、解锁，操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for additional power source
- Surface hardening treatment, high wear resistance

› 技术参数 | Technical parameters

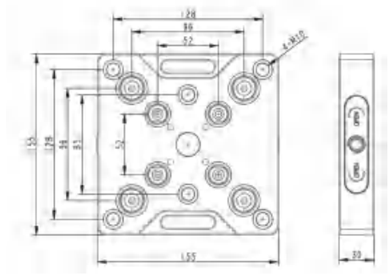
单位 | Unit：mm

订货号	锁紧力	螺栓	重量
Ordering code	Locking force	Bolt	Weight
BZ220-MN-96-340	22KN	4XM10	11.2

- 可单独订购配件，按需询价

- The spare parts can be ordered separately. Please inquire on demand

兼容性零点快换板
Zero quick change plate





- 材质：硬化不锈钢
- 手动夹紧、解锁，操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for additional power source
- Surface hardening treatment, high wear resistance

› 技术参数 | Technical parameters

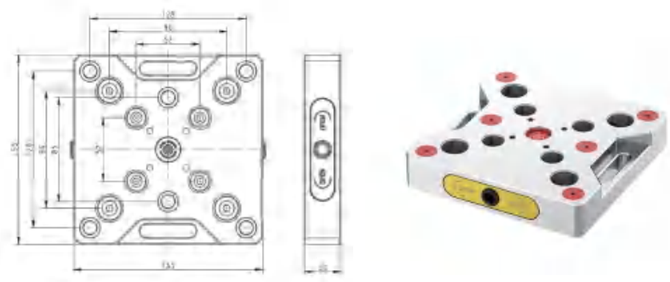
单位 | Unit：mm

订货号	锁紧力	螺栓	重量
Ordering code	Locking force	Bolt	Weight
BZ220-MA-9652-155	18KN	4XM10	2.2

- 可单独订购配件，按需询价

- The spare parts can be ordered separately. Please inquire on demand

兼容型零点快换板
Zero quick change plate



- 材质：硬化不锈钢
- 手动夹紧、解锁，操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for additional power source
- Surface hardening treatment, high wear resistance

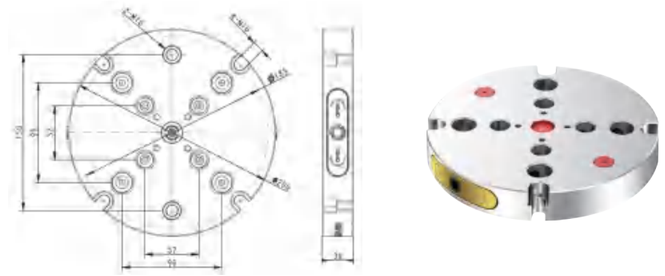
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	重量 Weight
BZ220-MN-9652-155	20KN	4.6

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

兼容型零点快换板
Zero quick change plate



- 材质：硬化不锈钢
- 手动夹紧、解锁，操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for additional power source
- Surface hardening treatment, high wear resistance

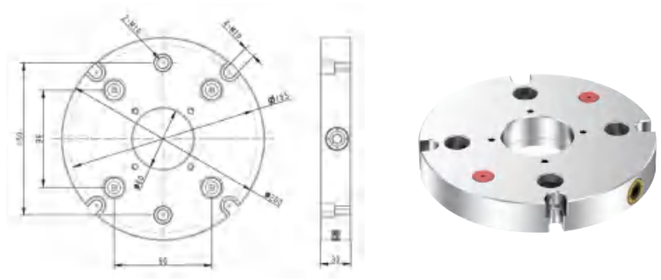
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	重量 Weight
BZ220-MN-9652-200	20KN	6.4

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

通孔型零点快换板
Through hole zero quick change plate



- 材质：硬化不锈钢
- 手动夹紧、解锁，操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for additional power source
- Surface hardening treatment, high wear resistance

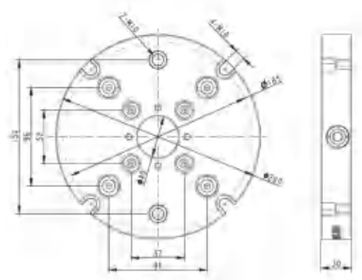
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	重量 Weight
BZ220-MT-96-200	20KN	6.2

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

通孔型零点快换板
Through hole zero quick change plate





- 材质：硬化不锈钢
- 手动夹紧、解锁，操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for additional power source
- Surface hardening treatment, high wear resistance

› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	重量 Weight
BZ220-MT-9652-200	20KN	6.4

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

命名方式 Naming And Coding Rules

BZ230	-	M	D	1	-	96	-	120	T
01		02	03	04		05		06	07

01 产品规格 Type	
BZ230	零点固定座 Zero position fixing seat

02 动力方式 Power Menthod	
M	手动 Manual
A	气动 Air
H	液压 Hydraulic

02 固定座分类 Fixed Seat Sort	
H	加高型 Heighten
S	卧式 Sleeping
B	立卧两用 Both upright and sleeping

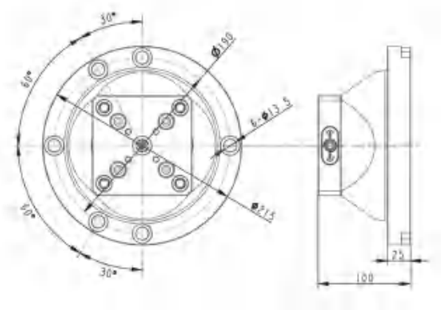
04 快换板个数 Number of quick change plate	
1	1 个 One
2	2 个 Two

05 拉钉间距 Pin Spacing	
52	52mm
96	96mm
9652	96mm/52mm

06 高度 / 长度 Heigth / Length	
100	高度 100mm Heigth 100mm
120	高度 120mm Heigth 120mm
108	长度 170mm Length 170mm
155	长度 155mm Length 155mm

07 是否为通孔 Through-hole or Not	
	否 NO
T	是 YES

零点固定座 52
Zero plus tower





- 材质：铝 + 硬化不锈钢
- 手动夹紧、解锁操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Aluminum + hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for
- additional power source
- Surface hardening treatment, high wear resistance

› 技术参数 | Technical parameters

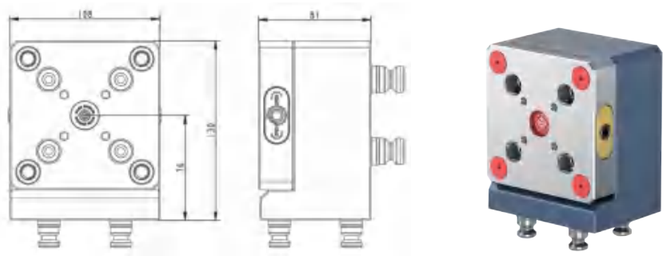
单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	螺栓 Bolt	重量 Weight
BZ230-MH1-52-100	18KN	6XM12	6.8

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

零点固定座 52

Zero plus tower



- 材质：铝 + 硬化不锈钢
- 手动夹紧、解锁操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Aluminum + hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for
- additional power source
- Surface hardening treatment, high wear resistance

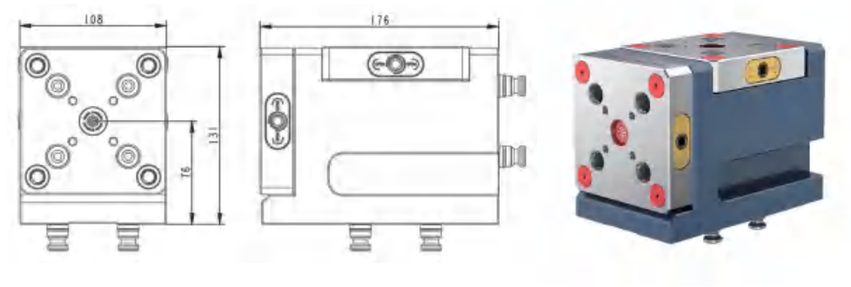
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	锁紧方式 Locking mode	重量 Weight
BZ230-MB1-52-100	18KN	52 拉钉	4.3

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

零点固定座 52
Zero plus tower



- 材质：铝 + 硬化不锈钢
- 手动夹紧、解锁操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Aluminum + hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for
- additional power source
- Surface hardening treatment, high wear resistance

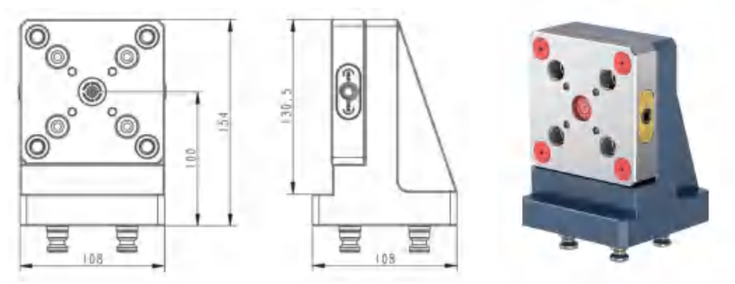
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	锁紧方式 Locking mode	重量 Weight
BZ230-MB2-52-100	18KN	52 拉钉	8.8

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

零点固定座 52
Zero plus tower



- 材质：铝 + 硬化不锈钢
- 手动夹紧、解锁操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Aluminum + hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for
- additional power source
- Surface hardening treatment, high wear resistance

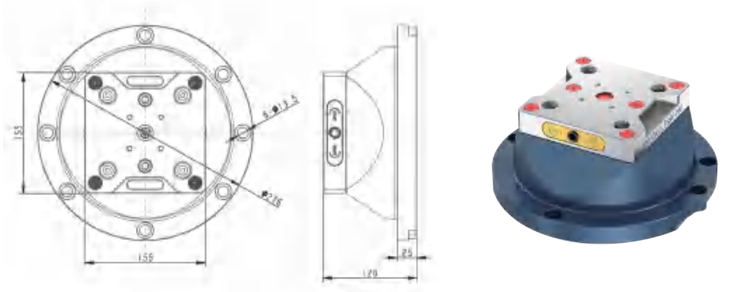
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	锁紧方式 Locking mode	重量 Weight
BZ230-MS1-52-154	18KN	52 拉钉	4.2

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

零点固定座 96
Zero plus tower



- 材质：铝 + 硬化不锈钢
- 手动夹紧、解锁操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Aluminum + hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for
- additional power source
- Surface hardening treatment, high wear resistance

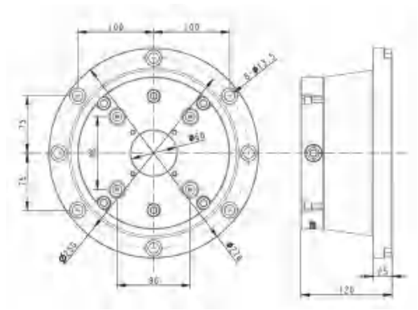
› 技术参数 | Technical parameters

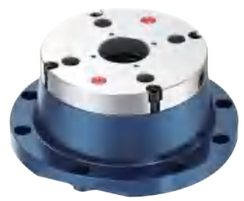
单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	螺栓 Bolt	重量 Weight
BZ230-MD1-96-120	22KN	6XM12	15

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

零点固定座 96
Zero plus tower





- 材质：铝 + 硬化不锈钢
- 手动夹紧、解锁操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Aluminum + hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for
- additional power source
- Surface hardening treatment, high wear resistance

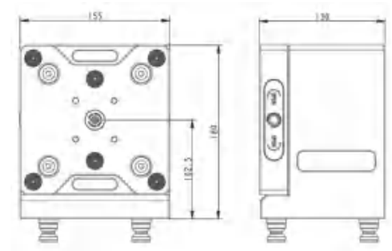
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	螺栓 Bolt	重量 Weight
BZ230-MD1-96-120T	20KN	6XM12	15.6

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

零点固定座 96
Zero plus tower





- 材质：铝 + 硬化不锈钢
- 手动夹紧、解锁操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Aluminum + hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for
- additional power source
- Surface hardening treatment, high wear resistance

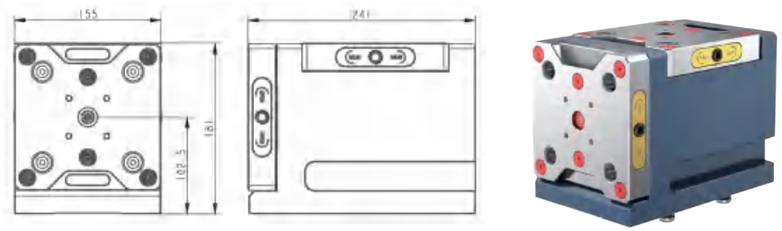
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	锁紧方式 Locking mode	重量 Weight
BZ230-MB1-96-180	22KN	96 拉钉	12.8

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

零点固定座 96
Zero plus tower



- 材质：铝 + 硬化不锈钢
- 手动夹紧、解锁操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Aluminum + hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for
- additional power source
- Surface hardening treatment, high wear resistance

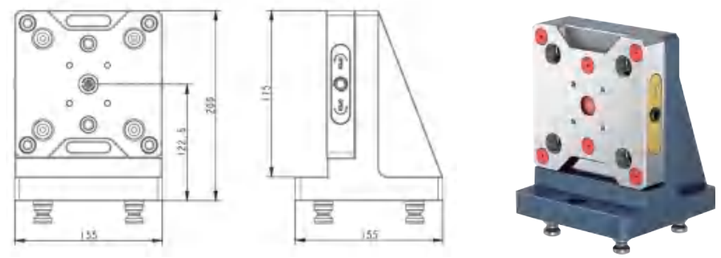
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	锁紧方式 Locking mode	重量 Weight
BZ230-MB2-96-181	22KN	96 拉钉	24

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

零点固定座 96
Zero plus tower



- 材质：铝 + 硬化不锈钢
- 手动夹紧、解锁操作简单，无需额外动力源
- 表面硬化处理，耐磨性高

- Material: Aluminum + hardened stainless steel
- Manual clamping and unlocking, simple operation, no need for
- additional power source
- Surface hardening treatment, high wear resistance

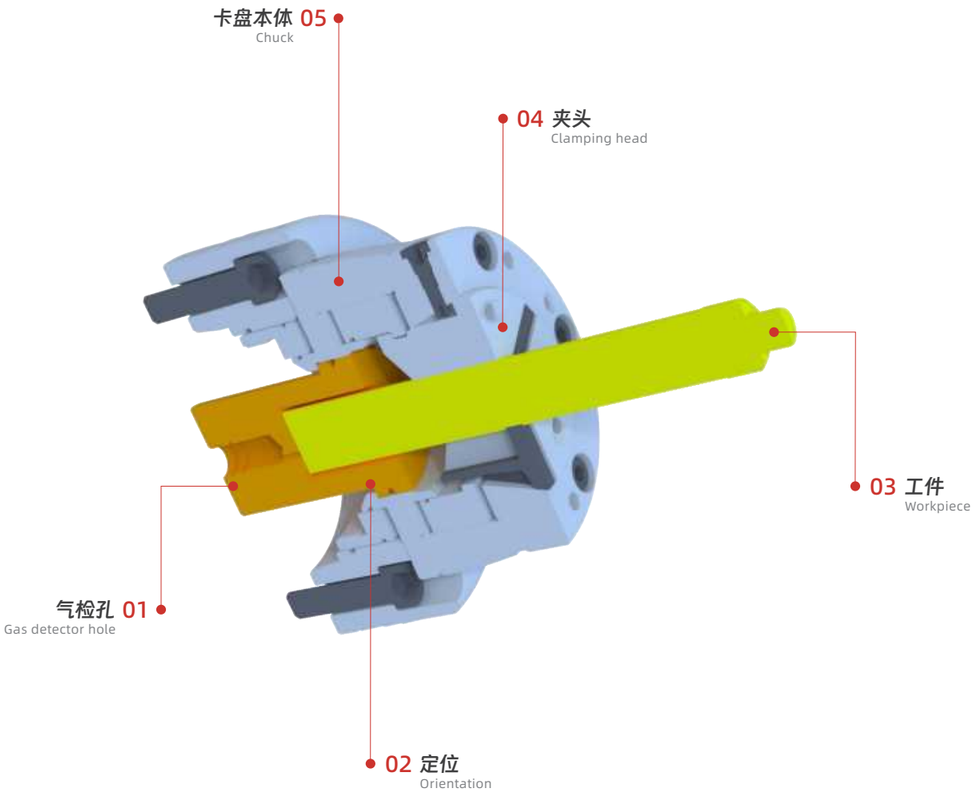
› 技术参数 | Technical parameters

单位 | Unit：mm

订货号 Ordering code	锁紧力 Locking force	锁紧方式 Locking mode	重量 Weight
BZ230-MS1-96-200	22KN	96 拉钉	12.8

- 可单独订购配件，按需询价
- The spare parts can be ordered separately. Please inquire on demand

卡盘成功案例
Chuck success cases

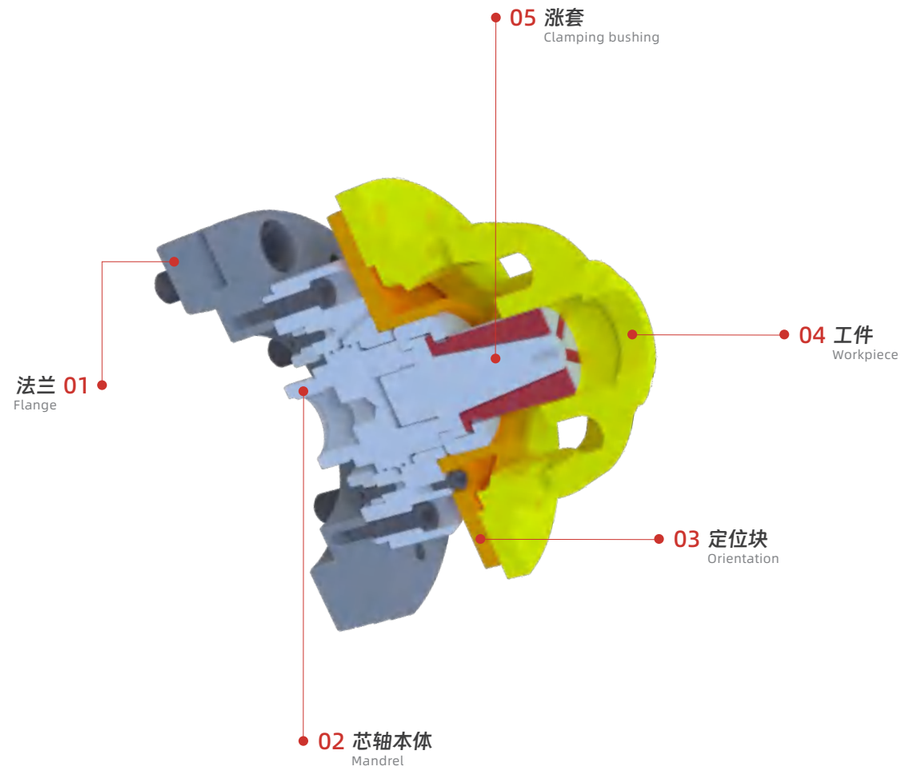


车床加工
Lathe machining

- 机床：哈挺
- 工件：衬套
- 加工方式：加工端面和内孔
- 驱动方式：机床拉杆
- 特点：夹持工件，保证端面和轴向精度在 0.003mm 之内

- Machine Tool: Harding
- Jobs: Bushing
- Processing method: Machining end face and inner hole
- Driving mode: Machine tool pull rod
- Features: The reverse expansion of the workpiece ensures the end face and axial accuracy within 0.003mm

芯轴成功案例
Arbor success cases

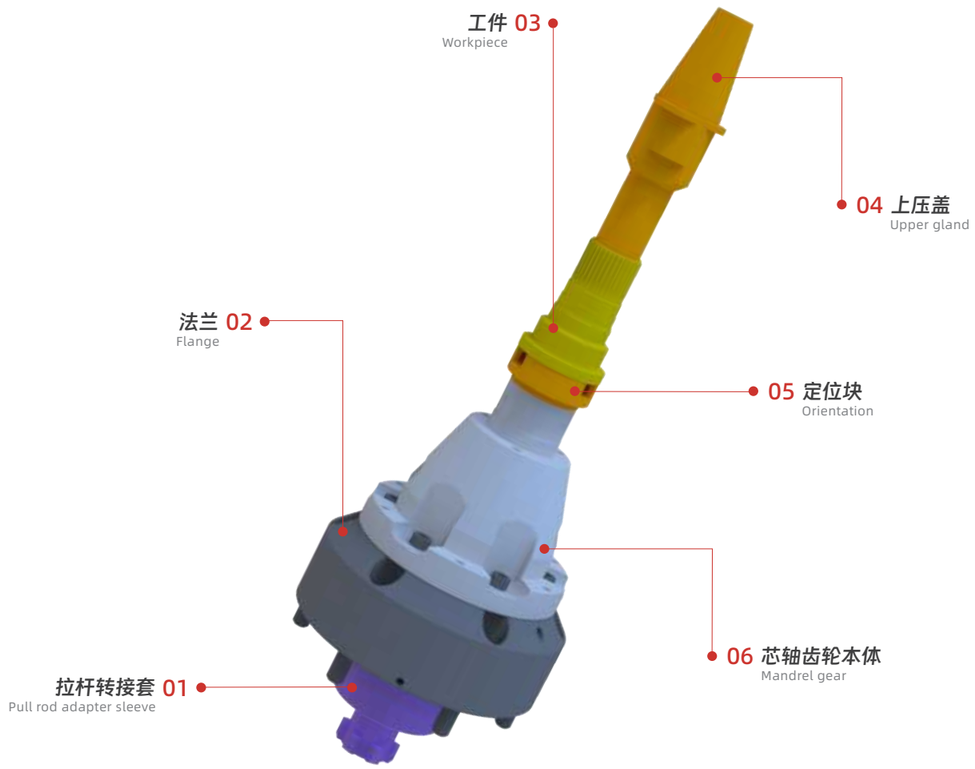


车床加工
Lathe machining

- 机床：MAZAK QSM250L/500
- 工件：差壳
- 加工方式：加工端面和内孔
- 驱动方式：机床拉杆
- 特点：反涨工件，保证端面和轴向精度在 0.003mm 之内

- Machine Tool: MAZAK QSM250L/500
- Jobs: Differential shell
- Processing method: Machining end face and inner hole
- Driving mode: Machine tool pull rod
- Features: The reverse expansion of the workpiece ensures the end face and axial accuracy within 0.003mm

齿轮成功案例
Gear success cases



齿轮加工
Lathe machining

- 机床：尼得科 GE25A
- 工件：行星齿
- 加工方式：热后精滚
- 驱动方式：机床拉杆
- 特点：热后精齿轮，机床拉力转推力底座；上压盖压紧；端面及径向跳动的≤ 0.005mm；滚齿精度级达 4 级

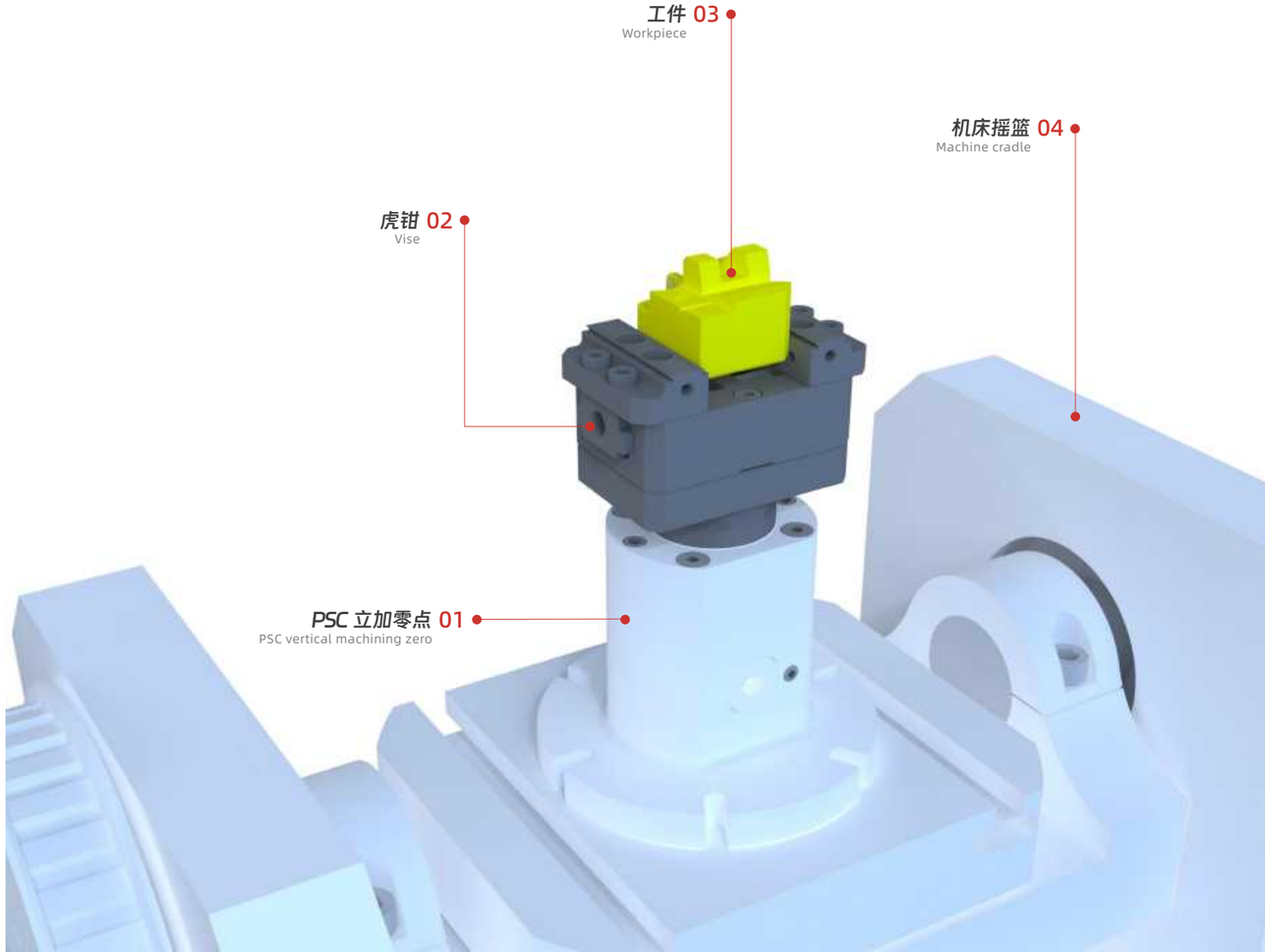
- Machine Tool: Nidec GE25A
- Jobs: Planetary teeth
- Processing method: Fine rolling after heat
- Driving mode: Machine tool pull rod
- Features: After the hot precision gear, the machine tension to thrust base; The upper gland is pressed tightly; End face and radial runout <0.005mm; Gear hobbing accuracy up to 4 levels

虎钳成功案例
Vise success cases

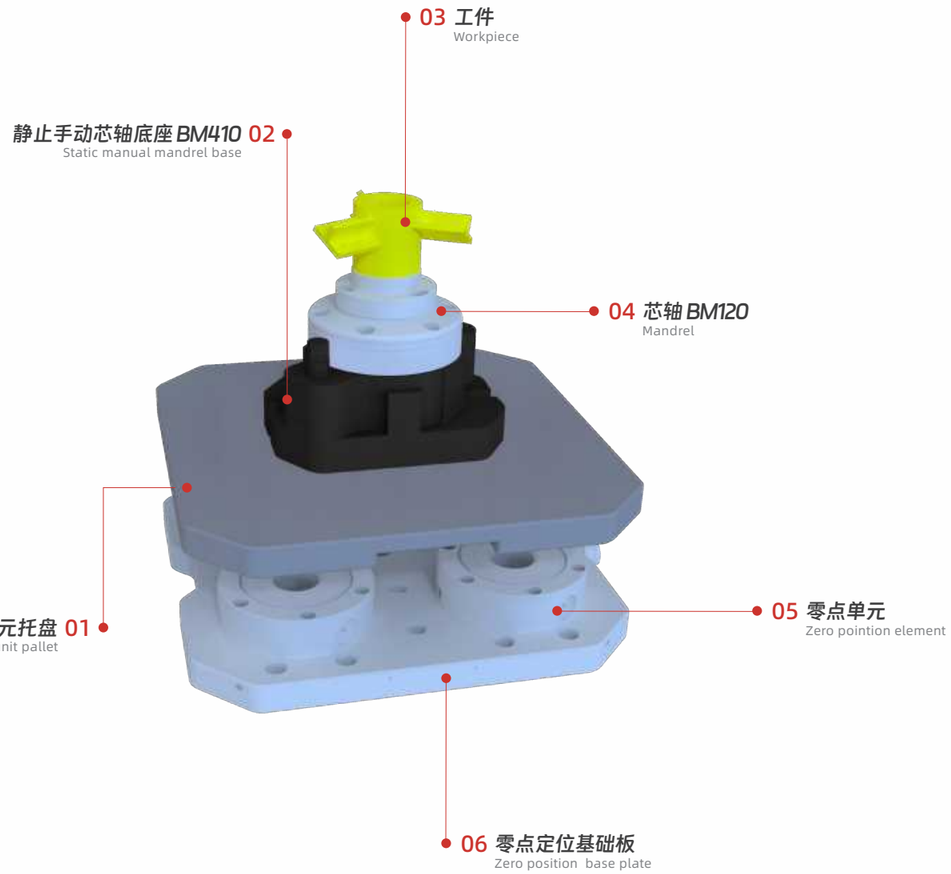
五轴加工
Five axes machining

- 机床：五轴哈默
- 工件：非标刀夹
- 加工方式：精铣刀片槽，攻螺纹
- 驱动方式：手动锁紧
- 特点：重复定位精度 0.002mm

- Machine Tool: Five-axis Hammer
- Jobs: Non-standard knife holder
- Processing method: Fine milling cutter groove,tap thread
- Driving mode: Hand locking
- Features: Repeated positioning accuracy 0.002mm



零点定位成功案例
Successful Zero-Point positioning applications



五轴加工
Five axes machining

- 机床：五轴德玛吉
- 工件：叶扇
- 加工方式：精铣外轮廓
- 驱动方式：气动零点配合手动芯轴装夹
- 特点：五面加工，加工自由度高

- Machine Tool: Five-axis Demagee
- Jobs: Blade fan
- Processing method: Fine milling the outside profile
- Driving mode: Air-operated zero with manual mandrel clamping
- Features: Five-sided processing, high degree of machining freeedom

液压平口钳 HYDRAULIC VICE

03 硬化处理的增压器可在加工过程中抵抗冲击与振动，提供稳定的夹紧力，因为其借助内部安装的碟形弹簧，以弹性方式夹紧工件
Hardened Booster provides a steady clamping force against shocks and vibrations during the operations. Since it fastens the workpiece resiliently with an aid of the disc-springs mounted inside

01 夹紧力可以以该基准线为参照进行自由调节。凭借其内置的独特液压增压器，可将较小的作用力放大为巨大的夹紧力
Cimping force may be freely adjusted with this baseline as a guide. It magnifies a small force into an enormous clamping force by Virtue of its unique Hydraulic Booster incorporated

04 钳口采用特种钢材制造，并经淬硬和磨削处理
Jaw plates are made of special steel, which is hardened and ground

02 该设计可实现三档钳口开口范围调节，其最大开口可达普通机床虎钳的 3 倍
It makes possible 3-range jaw opening variation where maximum opening attained is 3 times as large as that of normal machine vises



05 主体由高质量铸铁制成，具有抗挠曲或弯曲的能力，其滑动表面则经火焰淬硬和磨削加工
Body is made of high-quality cast iron, which resists deflection or bending, and its sliding surface isflame-hardened and ground

主要优势
Key advantages

- 钳口开口分为三档
  The jaw opening distance of this unit is variable across 3 anges
- 该装置的钳口开口距离可在三档范围内调节，其滑动钳口座可通过锁紧销定位并固定于所选位置（该位置根据待装夹工件的尺寸参照下表选择），从而大幅缩短准备和夹紧工件的时间
  Its sliding stock can be positioned and fixed with the lock pin at a location selected according to the size of the workpiece to be mounted, as per the table below.Time required for preparation and securing the workpiece is thus minimized

液压平口钳
Hydraulic Vice



› 主要参数 | Main parameters

单位 | Unit：mm

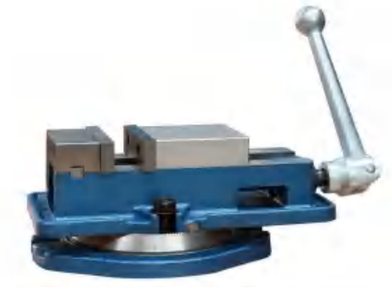
订货号 Ordering code	三档夹紧位置 X 3 Steps clamping position X	三档夹紧位置 Y 3 Steps clamping position Y	三档夹紧位置 Z 3 Steps clamping position Z
HP-4V	0-60	57-115	110-170
HP-5V	0-72	70-140	135-220
HP-6V	0-100	98-200	195-305
HP-8V	0-100	98-200	195-305

› 主要参数 | Main parameters

单位 | Unit：mm

订货号 Ordering code	钳口宽度 (A) Jaw width(A)	钳口深度 (a) Jaw depth(a)	钳口开口 (C) Jaw opening(C)	D	E	F	G	H	I	J	K	L	夹紧力 Clamping froce	净重 Weight plain	带回转底座重量 Weight W/swivel base
TQV-100D	100 4"	36 1.42"	170 6.7"	525	430	130	160	94	60	78	100	155	2600kgs 5720ibs	16kgs 36ibs	22kgs 48.5ibs
TQV-130D	125 5"	46 1.81"	220 8.66"	670	540	165	185	118	72	97	117	185	3500kgs 7700ibs	32kgs 70.4ibs	42kgs 92.4ibs
TQV-160D	155 6"	53.6 2.10"	305 12"	960	615	202	232	136	82	115	125	255	4600kgs 10120ibs	58kgs 128ibs	75kgs 165ibs
TQV-200D	200 8"	62 2.44"	305 12"	1020	700	240	280	162	100	160	165	266	7200kgs 15840ibs	96kgs 212ibs	125kgs 275ibs

QM 系列平口钳
QM Series Machine Vice



- 本产品是铣床、钻床的主要附件之一，尤其适用于精密部件的加工
- 两钳口的平行度及两钳口对导轨面的垂直度≤ 0.025mm/100mm
- 当活动钳口水平移动时，其特殊结构可产生向下的压力，从而防止夹持工件时上浮
- 本机台可单独订购，也可搭配回转底座订购
- 钳口张开度可在四个方向上进行调节

- This product is one of the main accessories for milling machines and drilling machines, and is particularly suitable for precision machining of components
- The parallelism between the two jaws, as well as the squareness of each jaw to the guideway surface, is within ≤ 0.025mm/100mm
- When the movable jaw moves horizontally, its special structure generates a downward clamping force, effectively preventing the workpiece from lifting during clamping
- This unit can be ordered separately or with a swivel base
- The jaw opening can be adjusted in four directions

› 固定式参数 | Fixed type parameter

单位 | Unit：mm

订货号 Ordering code	钳口宽度 Width of jaw	钳口高度 Height of jaw	总高度 Total height	钳口张开度 Max.opening	毛净重 (kg) G.N.weight	装箱数量 QTY	包装尺寸 Packing size
QM16100	100	32	95	100	14/13	1	360×250X130
QM16125	125	40	102	125	18/17	1	410X270X130
QM16160	160	45	127	160	26/25	1	450×320X140
QM16160L	160	45	127	200	28/27	1	480X320X140
QM16200	200	65	158	220	40/40	1	560X360X160
QM16250	265	70	175	290	96/88	1	750X400×210

› 活动式参数 | Swivel type parameter

单位 | Unit：mm

订货号 Ordering code	钳口宽度 Width of jaw	钳口高度 Height of jaw	总高度 Total height	钳口张开度 Max.opening	毛净重 (kg) G.N.weight	装箱数量 QTY	包装尺寸 Packing size
QM1680	80	24	108	75	10/9	1	290×200×130
QM16100	100	32	124	100	17/16	1	360x250x150
QM16125	125	40	132	125	22/21	1	410×270x170
QM16160	160	45	157	160	35/34	1	450x320×180
QM16160L	160	45	157	200	37/36	1	480x320x180
QM16200	200	50	198	220	51/50	1	560×360x200

Q12(QH) 系列平口钳
Q12(QH)Series Machine Vice



- 采用高质量铸铁材料
- 两钳口的平行度及对导轨面的垂直度≤ 0.025mm/100mm
- 广泛用于铣床、钻床等设备，可加工各种平面、沟槽、角度及孔
- Manufactured from premium-grade cast iron
- Parallelism between the two jaws and squareness of each jaw to the guideway surface are maintained within 0.025mm per 100mm
- Suitable for a wide range of applications on milling machines, drilling machines, and similar equipment, capable of machining flat surfaces, slots, angles, and holes

› 主要参数 | Main parameters

单位 | Unit：mm

订货号 Ordering code	钳口宽度 Width of jaw	钳口高度 Height of jaw	总高度 Total height	钳口张开度 Max.opening	毛净重 (kg) G.N.weight	装箱数量 QTY	包装尺寸 Packing size
Q1280	80	32	91	63	30/28	4	250x130x110
Q12100	100	35	105	80	45/44	4	280x150×130
Q12125	125	40	122	100	18/17	1	330x200x170
Q12160	160	52	158	125	34/33	1	430x230x180
Q12200	200	63	175	160	45/44	1	470×270×190

Q41(QHK) 系列平口钳
Q41(QHK)Series Machine Vice



- 采用高质量的普通铸铁材料
- 两钳口的平行度、两钳口对导轨面的垂直度≤ 0.025mm/100mm
- 平口钳可以从水平位置到垂直位置 (0° -90°) 任意调整并锁紧，带有回旋底座可 360°旋转
- 广泛用于机床上加工各种角度的平面、沟槽、孔等
- Made of high-quality ordinary cast iron
- Parallelism between the two jaws and squareness of each jaw to the guideway surface are maintained within ≤ 0.025mm/100mm
- The plain vice can be adjusted and locked at any angle from horizontal to vertical (0° -90°), and is supplied with a fixed base that allows 360° rotation
- Widely used on machine tools for machining flat surfaces, slots, holes, and other features at various angles

› 固定式参数 | Fixed type parameter

单位 | Unit：mm

订货号 Ordering code	钳口宽度 Width of jaw	钳口高度 Height of jaw	总高度 Total height	钳口张开度 Max.opening	毛净重 (kg) G.N.weight	装箱数量 QTY	包装尺寸 Packing size
Q41100	100	41	148	80	18/17	1	350x210×200
Q41125	125	45	152	95	28/27	1	410×240x180
Q41125L	125	45	152	130	25/24	1	450×240x180
Q41160	160	50	196	125	37/36	1	440×260×200

Q13(QB) 系列平口钳
Q13(QB)Series Machine Vice



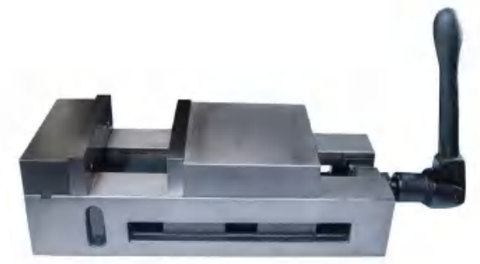
- 采用高质量的普通铸铁材料
- 两钳口的平行度、两钳口对导轨面垂直度≤ 0.025mm/100mm
- 广泛用于铣床、钻床等，进行各种平面、沟槽、角度、孔等加工
- Made of high-quality ordinary cast iron
- Parallelism between the two jaws and squareness of each jaw to the guideway surface are within ≤ 0.025mm/100mm
- Widely used on milling machines, drilling machines, and similar equipment for machining flat surfaces, slots, angles, holes, and other features

› 主要参数 | Main parameters

单位 | Unit：mm

订货号 Ordering code	钳口宽度 Width of jaw	钳口高度 Height of jaw	总高度 Total height	钳口张开度 Max.opening	毛净重 (kg) G.N.weight	装箱数量 QTY	包装尺寸 Packing size
Q13136	135	35	118	170	17/16	1	420×200×150
Q13160	160	51	142	180	27126	1	420×210×170
Q13200	200	64	172	220	38/37	1	500×240×180
Q13250	250	64	186	280	57/55	1	610x300×200
Q13320	320	81	205	360	86/84	1	720x390×220

QM16N 一体式系列平口钳
QM16N UNIBCDY Series Machine Vice



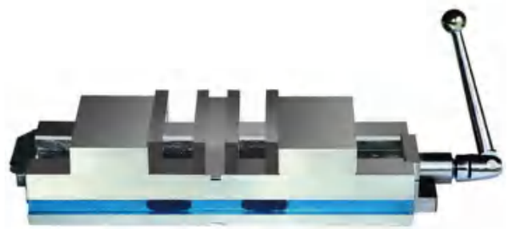
- 钳体采用高韧性球墨铸铁精密加工而成
- 角固式夹紧结构可防止工件上浮
- 两钳口的平行度、两钳口对导轨面的垂直度≤ 0.025mm/100mm
- 平口钳可单台使用，也可多台并列使用
- 广泛用于加工中心等精密机床
- Components are precision-machined from high-toughness ductile cast iron
- The angled-face clamping structure prevents the workpiece from lifting during clamping
- Parallelism between the two jaws and squareness of each jaw to the
- guideway surface are within ≤ 0.025mm/100mm
- The plain vice can be used individually or in multiple units side by side Widely used on machining centers and other precision machine tools

› 主要参数 | Main parameters

单位 | Unit：mm

订货号 Ordering code	钳口宽度 Width of jaw	钳口高度 Height of jaw	总高度 Total height	钳口张开度 Max.opening	毛净重 (kg) G.N.weight	装箱数量 QTY	包装尺寸 Packing size
QM16100N	100	32	86	100	12/11	1	360x150x150
QM16150N	150	45	118	150	26/25	1	450x320×140
QM16160N	160	45	122	160	32/29	1	450x200×210

Q93 系列平口钳
Q93 Series Machine Vice



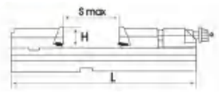
- 钳体采用高韧性球墨铸铁精密加工而成
- 角固式夹紧结构可防止工件上浮
- 它具有两个夹持工位，可夹持两个尺寸相等或不相等的工件，还可以同时夹持两个处于不同位置、加工面不同的工件
- 两钳口的平行度、两钳口对导轨面垂直度≤ 0.025mm/100mm
- 平口钳可单台使用，也可多台并列使用
- 广泛用于加工各种角度的平面、槽、孔
- The body is precision-machined from high-toughness ductile cast iron
- The angled-face clamping structure prevents workpieces from lifting during clamping
- It features two clamping stations, capable of holding two workpieces of equal or unequal sizes, and can also clamp two workpieces located at different positions with different machining surfaces
- Parallelism between the two jaws and squareness of each jaw to the guideway surface are within ≤ 0.02mm/100mm
- The plain vice can be used individually or in multiple units side by side
- Widely used for machining flat surfaces, slots, and holes at various angles

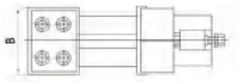
› 主要参数 | Main parameters

单位 | Unit：mm

订货号 Ordering code	钳口宽度 Width of jaw	钳口高度 Height of jaw	总高度 Total height	钳口张开度 Max.opening	毛净重 (kg) G.N.weight	装箱数量 QTY	包装尺寸 Packing size
Q93100	100	35	95	76	18/17	1	580×180×170
Q93160	160	50	130	100	45144	1	730×280×200

GT 系列精密组合平口钳
GT Series Precision Modular Vises







- 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、活动钳口，夹紧快，操作方便
- 广泛用于加工中心等精密机床
- Made of high-quality alloy steel with carburizing treatment; working surface hardness: HRC 58-62
- Parallelism: ≤ 0.005mm per 100mm; squareness: ≤ 0.005mm
- Equipped with interchangeable base, fixed jaw, and movable jaw, providing quick clamping and easy operation
- Widely used on machining centers and other precision machine tools

› 主要参数 | Main parameters

单位 | Unit：mm

订货号 Ordering code	B	H	Smax	L	最大夹紧力 (Kg) Clamping force
GT100-I	100	30	100	270	3000
GT125-I	125	40	150	345	3000
GT150A-I	150	50	200	420	5000
GT150B-I	150	50	300	520	5000
GT150C-I	150	50	400	620	5000
GT175A-I	175	60	200	455	6000
GT175B-I	175	60	300	555	6000
GT175C-I	175	60	400	655	6000
GT175D-I	175	60	500	755	6000
GT175E-I	175	60	600	855	6000
GT200A-I	200	65	200	495	10000
GT200B-I	200	65	300	595	10000
GT200C-I	200	65	400	695	10000
GT200D-I	200	65	500	795	10000

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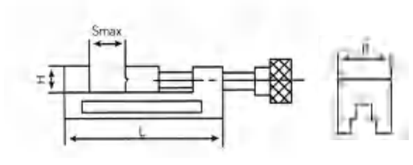
GT 系列精密组合平口钳
GT Series Precision Modular Vises

› 主要参数 | Main parameters

单位 | Unit：mm

订货号 Ordering code	B	H	Smax	L	最大夹紧力 (Kg) Clamping force
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

QGG 系列精密工具平口钳
QGG Series Precision Tool Parallel-jaw Vice





- 采用优质合金结构钢制造，工作面硬度 HRC58-62
- 平行度 0.005mm/100mm， 垂直度 0.005mm
- 夹紧快速，操作灵活
- 用于精密测量和检查、精密磨削、及电火花
- 在工作时无论横放、竖放、平放皆可保持高的精密度

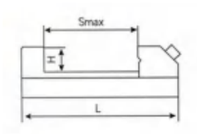
- Made of high-quality alloy structural steel; working surface hardness: HRC 58-62
- Parallelism: ≤ 0.005mm/100mm; squareness: ≤ 0.005mm
- Quick clamping and flexible operation
- Suitable for precision measurement and inspection, precision grinding, and EDM (electrical discharge machining)
- High accuracy is maintained regardless of whether the vise is placed horizontally, vertically, or flat during operation

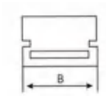
› 主要参数 | Main parameters

单位 | Unit：mm

订货号 Ordering code	B	H	Smax	L	重量 Weight
QGG50	50	25	65	155	3
QGG60	60	25	55	110	2.4
QGG63	63	32	85	190	3.8
QGG73	73	35	100	210	5
QGG80	80	40	100	220	6.5
QGG88	88	40	125	250	11
QGG100	100	45	125	260	13
QGG125	125	50	160	300	19.5
QGG125A	125	50	210	350	23
QGG150B	150	50	175	315	23.8

QKG 系列精密工具平口钳
QGG Series Precision Tool Parallel-jaw Vice





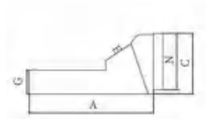


› 主要参数 | Main parameters

单位 | Unit：mm

订货号 Ordering code	B	H	Smax	L	重量 Weight
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
QKG63	63	32	85	175	3.0
QKG73	73	35	100	190	4.1
QKG80	80	40	100	200	5.5
QKG88	88	40	125	235	7.3
QKG100	100	45	125	245	10.0
QKG125	125	50	160	285	18.0
QKG150	150	50	200	330	21.5
QKG150A	150	50	250	380	23.0
QKG150B	150	50	300	430	24.0

FV 系列自由式虎钳
FV Freestyle Vice





- 主要应用范围：铣床、数控铣床、加工中心、磨床、钻床等。可以自由调节夹持宽度，在夹持大工件上具有其它虎钳无法比拟的优势
- 实际加工中可以对一个大工件采用多组自由式虎钳同时进行装夹使用时，每一组虎钳相对安装在一条T型槽上，人工校对钳口的平行度，并根据工件大小调整一组虎钳钳口之间的距离
- 每只虎钳的钳口都采用斜角压力设计，刚性强。虎钳口热处理HRC40°，在螺丝的作用下沿前下方或后上方运动，因此在装夹工件时能 产生向下的力，避免造成工件上浮
- 自由式虎钳操作简单方便，夹持力大，适用性广，最典型的应用是CNC 加工中的大型工件装夹

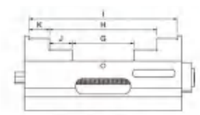
- Main applications: milling machines, CNC milling machines, machining centers, grinding machines, drilling machines, etc.It can adjust clamping width freely. It has more advantages than other machine vises when clamping big workpieces
- In actual processing, several groups of free vises can be used to clamp a large workpiece simultaneously. When using, each group of vises can be installed on aT-slot. The operator can then adjust the parallelism of the jaws and the distance between vases according to the workpiece size
- The jaw of each vise is designed with an angular force.It has strong rigidity and the jaw heat treatment is HRC40° . Under the action of the screw, it moves along the front-down or back-up direction, generating a downward force during clamping to prevent the workpiece from lifting
- The free-style machine vise is easy to operate. It has a large clamping force and wideapplicability. The most typical application is for large workpiece clamping in CNC machining

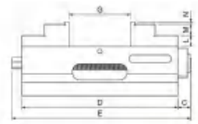
› 主要参数 | Main parameters

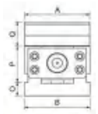
单位 | Unit：mm

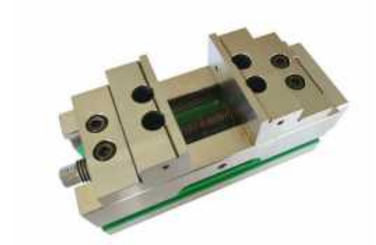
订货号 Ordering code	A	B	C	D	G	N	夹紧力 Clamping froce	重量 Weight
FV350N	142	70	72	14.5	25	60	23	6.8
FV450N	192.5	86	87	17	30	70	28	13
FV550N	220	110	105	21	36	85	38	21

CV 系列同动求心虎钳
CV Series Self Centring Vise









- 适用于 4 轴、5 轴、CNC 分度盘、立式或 CNC 铣床之精密加工
- 虎钳中心重複定位精度可保持 ±0.01mm
- 虎钳钳口採用全钢材质，热处理 HRC42°以上，可依夹持需求拆换方向使用，活用性高
- 虎钳特殊结构设计，夹持工件时所产生的下压力能有效防止工件上浮情形，锁固力优异

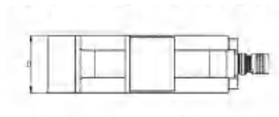
- Suitable for precision machining on 4-axis, 5-axis, CNC indexing tables, vertical or CNC milling machines
- The center repeat positioning accuracy of the vise can be maintained within ±0.01mm
- The vise jaws are made of all-steel material, heat-treated to HRC 42 or above, and can be reversed or exchanged according to clamping
- The vise features a special structural design that generates a downward clamping force during workpiece clamping, effectively preventing workpiece lifting, and provides excellent locking force

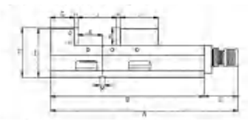
› 主要参数 | Main parameters

单位 | Unit：mm

订货号 Ordering code	A	B	C	D	E	G	H	I	J	K	L	M	N	O	P
CV-2	59	60	13	120	143	0-50	38-85	-	17.5	-	12.5	12.5	-	18	60
CV-4	100	101	70	240	275	0-90	70-160	134-222	35	31	18	18	4	22	80
CV-6	160	161	70	370	440	0-200	86-285	-	42.5	-	27.5	27.5	-	22	105

MC 倍力增压精密虎钳
MC Precision Power Vise-mechanically Pressurized

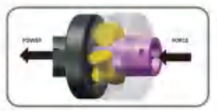








- 内藏防止上浮传动机构：夹持时往下方的力亦作动，因此工件及可动钳的上浮极小。又本体及固定颚为一 体构造，因此可防止钳体的倾倒
- Hidden anti floating transmission mechanism: The downward force during clamping also acts. Therefore,the upward movement of the workpiece and movable body is extremely small. The body and fixed jaw are constructed as a whole, Therefore,it can prevent the tilting of the clamp body



- 独特倍力增压装置，为你达到安全、不失压功能
- Unique power boosting device,ensuing safety and pressure loss for you

- MC 机械倍力增压虎钳，适用于立式、卧式综合切削加工机 FMS 系统做重量切削加工
- 精密的倍力增压设计，操作方便，适合做较重切削使用
- 强而有力材质～虎钳钳身使用高抗张拉力球状石墨化铸铁(FCD600~60kgs/mm2)(80,000psi) 抗张力强，不易变形
- 本体和固定虎口为一体成形，夹持工件时可降低固定虎口向后倾斜
- 虎钳本体滑动面均做硬化处理，硬度达 HRC42 以上可确保长久的耐磨

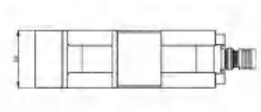
- MC mechanical force-multiplying vise is suitable for weight cutting in vertical and horizontal integrated cutting machines in FMS systems
- The precise force-doubling and pressure-boosting design makes it easy to operate and suitable for heavy cutting applications
- Strong and robust material - The body of the vise is made of high tensile strength spheroidal graphite cast iron (FCD600~60kgs/mm2)(80,000psi), which has strong tensile strength and is resistant to deformation
- The main body and the fixed jaw are integrally formed, which can reduce the inclination of the fixed jaw backward when clamping the workpiece
- The sliding surface of the vise body has undergone hardening treatment, achieving a hardness of HRC42 or higher, ensuring long-lasting wear resistance

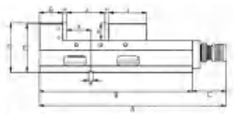
› 主要参数 | Main parameters

单位 | Unit：mm

订货号 Ordering code	A	B	C	D	E	F	G	H	I	J	J1	J2	J3	K	L	M	X	夹紧力 Clamping froce	净重 Weight plain	纸 箱
TGV-100D	464	340	124	102	130	133	65	15	110	0-130	65-210	110-240	175-305	48	16	45	16	4000	25	530x150x185
TGV-130D	539	430	124	147	160	160	70	15	138	0-240	75-270	138-358	213-393	55	18	59	18	450C	36	600×180x215
TGV-160D	639	515	124	160	160	163	75	15	138	0-240	85-320	138-358	223-443	58	18	99	18	4500	55	705×210x225
TGV-160DL	684	510	124	160	160	163	85	15	138	0-300	85-400	138-438	223-523	58	18	99	18	4500	58	750×210×215
TGV-200D	734	610	124	200	187	190	100	19	130	0-340	100-458	130-395	230-570	70	18	70	18	5000	89	800×250x240

MC 精密油压虎钳
MC Power Machine Vise-hydraulic Type









- 内藏防止上浮传动机构：夹持时往下方的力亦作动，因此工件及可动钳的上浮极小。又本体及固定颈为一 体构造，因此可防止钳体的倾倒
- Hidden anti floating transmission mechanism: The downward force during clamping also acts.Therefore,the upward movement of the workpiece and movable body is extremely small.The body and fixed jaw are constructed as a whole, Therefore,it can prevent the tilting of the clamp body.



- 现特油压密封结构装置，为你达到安全、不失压功能
- Unique oil pressure sealing structure device, helping you achieve safe and non volt- age loss function

- MC 精密油压虎钳，适用于立式、卧式综合切削加工机 FMS 系统做重量切削加工
- 精密的油压倍力设计，操作方便，适合做较重切削使用
- 强而有力材质～虎钳钳身使用高抗张拉力球状石墨化铸铁(FCD600~60kgs/mm2)(80,000psi) 抗张力强，不易变形
- 本体和固定虎口为一体成形，夹持工件时可降低固定虎口向后倾斜
- 虎钳本体滑动面均做硬化处理，硬度达 HRC42 以上可确保长久的耐磨

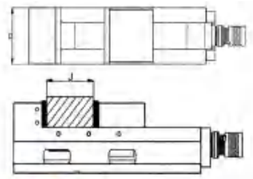
- MC precision hydraulic vise is suitable for heavy-duty cutting on vertical and horizontal machining centers in FMS systems
- With precise hydraulic force amplification design, it is easy to operate and suitable for heavy cutting applications
- Robust and Durable Material - The body of the vise is made of high tensile strength spheroidal graphite cast iron (FCD600~60kgs/mm2)(80,000psi), which boasts strong tensile strength and is resistant to deformation
- The main body and the fixed jaw are integrally formed, which can reduce the backward tilt of the fixed jaw when clamping the workpiece
- The sliding surface of the vise body has undergone hardening treatment, achieving a hardness of HRC42 or higher, ensuring long-lasting wear resistance

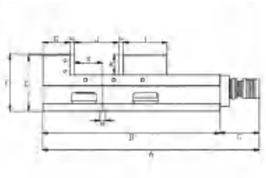
› 主要参数 | Main parameters

单位 | Unit：mm

订货号 Ordering code	A	B	C	D	E	F	G	H	I	J	J1	J2	J3	K	L	M	X	夹紧力 Clamping froce	净重 Weight plain	纸 箱
THV-100D	475	340	135	102	130	133	65	15	110	0-130	65-210	110-240	175-305	48	16	45	16	4000	26	530x150x185
THV-130D	550	430	140	157	160	163	75	15	138	0-240	75-270	138-358	213-393	55	18	65	18	4500	38	600x180x215
THV-160D	650	515	135	160	160	163	85	15	138	0-240	85-320	138-358	223-443	58	18	99	18	4500	58	705×210×225
THV-160DL	695	510	135	160	160	163	85	15	138	0-300	85-400	138-438	223-523	58	18	99	18	4500	61	750×210×215
THV-200D	745	610I	135	200	187	190	100	19	130	0-340	100-458	130-395	230-570	70	18	70	18	5000	90	800x250x240

MC 分体式精密增压虎钳
MC Precision Power Vise

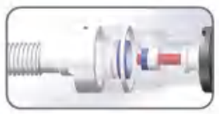








- 内藏浮动下压传动可产生下锁之力，可消除虎口板上浮和工作倾斜
  The internal floating downward pressure transmission can generate downward locking force and eliminate it
- Tiger mouth board floatng and working tilt



- 独特油压密封结构装置，为你达到 安全、不失压功能
- Unique oil pressure sealing structure device, helping you achieve Safe and non voltage loss function



- 可更换精密侧口夹持工件
- Replacement clamp workpiece

- MC 精密油压虎钳，适用于立式、卧式综合切削加工机 FMS 系统做重量切削加工
- 精密的油压倍力设计，操作方便，适合做较重切削使用
- 强而有力材质～虎钳钳身使用高抗张拉力球状石墨化铸铁(FCD600~60kgs/mm2)(80,000psi) 抗张力强，不易变形
- 虎钳本体滑动面均做硬化处理，硬度达 HRC42 以上可确保长久的耐磨

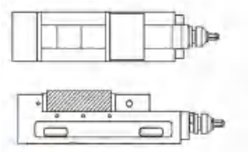
- MC precision hydraulic vise is suitable for heavy-duty cutting on vertical and horizontal machining centers in FMS systems
- With precise hydraulic force amplification design, it is easy to operate and suitable for heavy cutting applications
- Strong and durable material - The body of the vise is made of high tensile strength spheroidal graphite cast iron (FCD600~60kgs/mm2)(80,000psi), which has strong tensile strength and is resistant to deformation
- The sliding surface of the vise body is hardened to a hardness of HRC42 or higher, ensuring long-lasting wear resistance

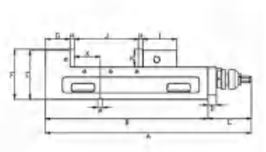
› 主要参数 | Main parameters

单位 | Unit：mm

订货号 Ordering code	A	B	C	D	E	F	G	I	J	K	M	X	夹紧力 Clamping froce	净重 Weight plain	纸 箱
TQV-100D	464	340	124	100	130	70	70	0-140	45	18	45	18	4500	27	530x150x185
TQV-130D	539	415	124	130	147	90	97	0-200	52	18	45	18	4500	38	600×180x200
TQV-160D	639	515	124	160	160	100	97	0-300	55	18	45	18	4500	58	750x210x215
TQV-200D	734	610	124	200	187	100	115	0-350	67	18	67	18	5000	84	800×250×240

MC 精密定量式增压虎钳
MC Multi-power Super Vise











- 内藏防止上浮传动机构：夹持时往下方的力亦作动，因此工件及可动钳的上浮极小。又本体及固定颈为一 体构造，因此可防止钳体的倾倒
- Hidden anti floating transmission mechanism: The downward force during clamping also acts.Therefore,the upward movement of the workpiece and movable body is extremely small.The body and fixed jaw are constructed as a whole, Therefore,it can prevent the tilting of the clamp body.
- 调整夹持力调整环，可预调所需夹持力，操作简单，能确保每次夹持力一致
- Adjusting stop ring,the simple and effective presetting device enables to preset each same clamping force

- MC 精密油压虎钳，适用于立式、卧式综合切削加工机 FMS 系统做重量切削加工
- 精密的油压倍力设计，操作方便，适合做较重切削使用
- 强而有力材质～虎钳钳身使用高抗张拉力球状石墨化铸铁(FCD600~60kgs/mm2)(80,000psi) 抗张力强，不易变形
- 本体和固定虎口为一体成形，夹持工件时可降低固定虎口向后倾斜
- 虎钳本体滑动面均做硬化处理，硬度达 HRC42 以上可确保长久的耐磨
- 调整夹持力调整环，可预调所需夹持力，操作简单，能确保每次夹持力一致

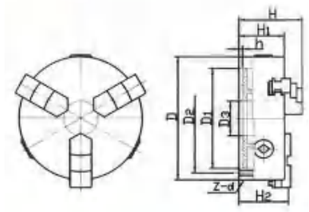
- MC precision hydraulic vise is suitable for heavy-duty cutting on vertical and horizontal machining centers in FMS systems
- The precise hydraulic force amplification design makes it easy to operate and suitable for heavy cutting applications
- Strong and robust material - The body of the vise is made of high tensile strength spheroidal graphite cast iron (FCD600~60kgs/mm2)(80,000psi), which has strong tensile strength and is resistant to deformation
- The main body and the fixed jaw are integrally formed, which can reduce the inclination of the fixed jaw backward when clamping the workpiece
- The sliding surface of the vise body has undergone hardening treatment, achieving a hardness of HRC42 or higher, ensuring long-lasting wear resistance
- Adjust the clamping force adjustment ring to preset the desired clamping force. The operation is simple and ensures consistent clamping force every time

› 主要参数 | Main parameters

单位 | Unit：mm

订货号 Ordering code	A	B	C	D	E	F	G	H	I	J	J1	J2	J3	K	L	M	X	净重 Weight plain	重量 Weight	纸 箱
TKV-100D	491	340	151	29	130	133	65	15	88	0-140	48-18	65	65	18	65	18	45	4500	30	570x150x185
TKV-130D	566	415	151	29	147	160	75	15	105	0-180	55-18	55	89	18	55	18	45	4500	40	650x180x200
TKV-160D	711	515	151	160	160	163	85	15	118	0-300	58-18	58	89	18	58	18	45	4500	63	790x210x215
TKV-200D	761	610	151	29	187	190	100	18	115	0-340	70-18	70	70	18	70	18	70	5000	90	840x250×240

K11 三爪卡盘
3-Jaw Chuck





- 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 型卡盘爪为分离爪形式，可调整为正卡爪或反卡爪使用
- K11A 型和 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 connection form
- K11 type chuck equipped with integral claws (one pair of positive claws and one pair of negative claws)
- The claws of K11A, K11C, K11D, and K11E chuck types are of a detachable design, allowing them to be adjusted for use as either positive or negative claws
- The jaws of K11A, K11D, and K11E chucks comply with the ISO3442 standard
- The clamping jaw of the K11C chuck is a traditional structure of a detachable jaw
- Various forms of soft claws are available
- According to user requirements, we can provide chuck with front-through screw installation method

› 主要参数 | Main parameters

单位 | Unit：mm

订货号 Ordering code	D1	D2	D3	H	H1	H2	h	S	z-d	最大输入扭矩 Maximum input torque	极限转速 Max. speed	净重 Weight plain
BS-80-3	55	66	16	66	50	-	3.5	8	3-M6	40	4000	1.9
BS-100-3	72	84	22	74.5	55	-	3.5	8	3-M8	60	3500	3.2
BS-125-3	g5	108	30	84	58	-	4	10	3-M8	10a	3000	5
BS-130-3	100	115	30	86	60	-	3.5	10	3-M8	100	3000	5.6
BS-160-3	130	142	40	g5	65	71		10	3-M8	160	2500	8.8
BS-160A-3	130	142	40	109	65	-	5	10	3-M8	160	2500	8.3
BS-165-3	130	145	40	96.5	66.5	-	4.5	12	3-M8	160	2500	9.5
BS-190-3	155	172	55	105	75	-	5	12	3-M10	250	2000	13.8
BS-200-3	165	180	65	109	75	78	5	12	3-M10	250	2000	15.5
BS-200C-3	1165	180	65	122	75	80	5	12	3-M10	250	2000	14.1

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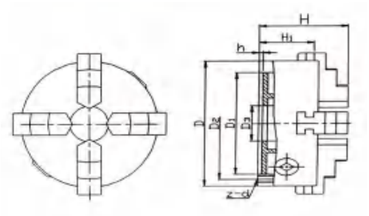
K11 三爪卡盘
3-Jaw Chuck

› 主要参数 | Main parameters

单位 | Unit：mm

订货号 Ordering code	D1	D2	D3	H	H1	H2	h	S	z-d	最大输入扭矩 Maximum input torque	极限转速 Max. speed	净重 Weight plain
BS-200A-3	165	180	55	122	75	-	5	12	3-M10	250	2000	14.1
BS-240-3	19	215	70	120	80	84	3	12	3-M12	320	1600	24
BS-240C-3	195	215	70	130	80	-	8	12	3-M12	320	1600	20
BS-250-3	206	226	80	120	80	84	5	12	3-M12	320	1600	25.7
BS-250C-3	206	226	80	130	80	86	5	12	3-M12	320	1600	23
BS-250A-3	206	226	80	136	80	-	5	12	3-M12	320	1600	23
BS-315-3	250	285	100	147	go	95	5	14	3-m16	400	1200	47
BS-315A-3	285	285	100	153	90	-	5	14	3-M16	400	1200	41
BS-320-3	270	290	100	152.5	95	101.5	11	13	3-M16	400	1200	475
BS-320C-3	270	290	100	153.5	95	-	11	13	3-M16	400	1200	42
BS-325-3	272	296	100	153.5	g6	102.5	12	13	3-M16	400	1200	49
BS-325C-3	272	296	100	154.5	96	105.5	12	13	3-M16	400	1200	44
BS-325A-3	272	296	100	169.5	96	-	12	13	3-M16	400	1200	46
BS-380-3	325	350	135	155.1	98	104,5	5	14	3-M16	500	1000	65
BS-380D-3	325	3so	135	156.5	98	107.5	5	14	3-M16	500	1000	60
BS-380A-3	325	350	135	171.5	g9	-	6	14	3-M16	500	1000	62
BS-400-3	340	368	138	158	100	108	5	17	3-M16	500	1000	74
BS-400D-3	340	368	138	172	100	-	5	17	3-M16	500	1000	71
BS-500-3	440	465	210	184	115	126	5	17	6-M16	630	800	124
BS-500D-3	440	465	210	202	115	126	5	17	6-M16	630	800	117.6
BS-500A-3	440	465	210	202	115	-	6	17	6-M16	630	800	119
BS-630-3	560	sgs	270	214	133.5	142	7	19	6-M16	800	600	217
BS-630D-3	560	595	270	218	133.5	142	7	19	6-M16	800	600	208
BS-630E-3	560	595	270	220.5	133.5	170	7	19	6-M16	800	600	215
BS-800D-3	710	760	385	250	161	170	8.5	21	6-M20	1000	500	250
BS-800E-3	710	760	385	250	161	216	8.5	21	6-M20	1000	500	256
BS-1000E-3	905	950	460	310	198	237	g	24	6-M24	1200	400	745.6
BS-1250E-3	1060	1150	550	341	228	-	11	24	6-M30	1300	320	-

K11 四爪卡盘
4-Jaw Chuck





- 短圆柱连接形式
- 卡爪结构参数与 K11 系列基本一致
- 适用于正方形、八棱形等零件的加工

- Short cylindrical center mounting
- The structural parameters of the jaws are basically the same as those of the K11 series
- Suitable for machining square components and octagonal components

› 主要参数 | Main parameters

单位 | Unit：mm

订货号 Ordering code	D1	D2	D3	H	H1	h	z-d	净重 Weight plain
BS-80-4	55	66	15	66	50	3.5	4-5	2
BS-100-4	72	84	22	73	53.5	3.5	3-M8	3
BS-125-4	95	108	30	84	58	4	3-M8	5
BS-130-4	100	115	30	86	60	3.5	3-M8	5.6
BS-160-4	130	142	40	95	65	5	3-y8	8.8
BS-160A-4	130	142	40	109	65	5	3-M8	8.3
BS-165-4	130	145	40	96.5	66.5	4.5	3-M8	9.8
BS-190-4	155	172	55	105	75	5	3-M10	13.8
BS-200-4	165	180	65	109	75	5	3-M10	15.5
BS-200C-4	165	180	65	122	75	5	3-M10	14.1
BS-200A-4	165	180	65	122	75	5	3-M10	14.1
BS-240-4	195	215	70	120	80	8	3-M12	S
BS-250-4	206	226	80	120	80	5	3-M12	26
BS-250C-4	206	226	80	130	80	5	3-M12	23

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K11 四爪卡盘
4-Jaw Chuck

› 主要参数 | Main parameters

单位 | Unit：mm

订货号 Ordering code	D1	D2	D3	H	H1	h	z-d	净重 Weight plain
BS-250A-4	206	226	80	136	80	5	3-M12	23
BS-325（325C）-4	272	296	100	153.5	96	12	3-M16	5(45)
BS-325A-4	272	296	100	169,5	96	12	3-M16	47
BS-380（380C）-4	325	350	135	155.5	98	6	3-M16	66(61)
BS-380A-4	325	350	135	171.5	98	6	3M16	3
BS-400（400D）-4	340	368	138	158(172)	100	6	3-M16	75(72)
BS-500（500A）-4	440	465	210	184(202)	115	6	5M16	127(120)
BS-630（630D）-4	560	595	270	214(218)	133.5	7	5-M16	219(210)
BS-800D-4	710	760	385	250	161	85	5-M20	-
BS-800E-4	710	760	385	250	16	8.5	5-M20	-
BS-1000E-4	905	950	460	310	198	9	5-M24	-
BS-1250E-4	1060	1150	550	341	228	11	5-M30	-

顶针尾座
Centre Tail Stock



- 容易安装，操作简易
- 体积小，加工范围大
- 可安装于 X 轴行程米左右之机床上
- 配合五轴工作母机可做同动加工，亦可配合四轴工作母机

- Easy installation and operation
- Compact yet versatile processing range
  Fits machines with X-axis travel around 1 meters
- Supports simultaneous machining on 5-axis machines, and adapts to 4-axis systems

› 主要参数 | Main parameters

单位 | Unit：mm

订货号 Ordering code	中心高（H） Center height	套筒莫氏锥度号 (Z) Center nose	底座长度 (T) Length of base	底座宽度 (U) Width of base	总长（C） Length	套筒伸长 (W) Sleeve range	键宽 (K) Width of key	螺钉距（V） Distance of Screw	尾座体高度 (B) Overall height
QT-135	135	4	230	146	320	50	18	210	217
QT-160	160	4	230	146	320	50	18	210	242
QT-185	185	4	230	146	320	50	18	210	267
QT-210	210	4	230	146	320	50	18	210	292
YT-135	135	4	230	240	320	50	18	210	210
YT-160	160	4	230	240	320	50	18	210	235
YT-185	185	4	230	240	320	50	18	210	260
YT-210	210	4	230	240	320	50	18	210	285
HT-135	135	4	230	146	371	55	18	210	181
HT-160	160	4	230	146	371	55	18	210	206
HT-185	185	4	230	146	371	55	18	210	231
HT-190	190	4	230	146	371	55	18	210	231
HT-210	210	4	230	146	371	55	18	210	256

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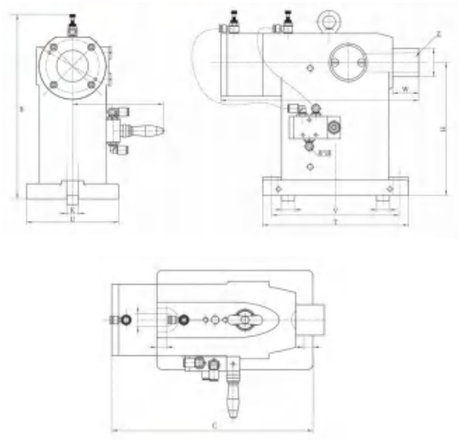
顶针尾座
Centre Tail Stock

› 主要参数 | Main parameters

单位 | Unit：mm

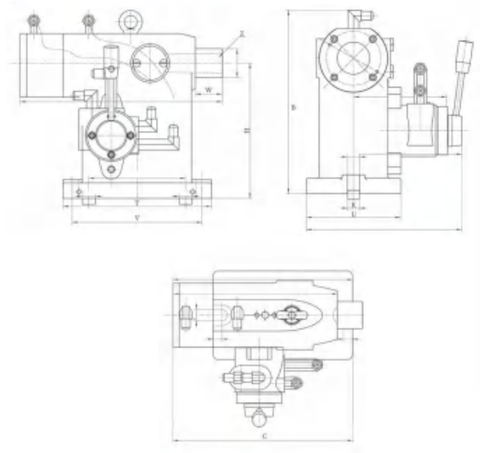
订货号 Ordering code	中心高（H） Center height	套筒莫氏锥度号 (Z) Center nose	底座长度 (T) Length of base	底座宽度 (U) Width of base	总长（C） Length	套筒伸长 (W) Sleeve range	键宽 (K) Width of key	螺钉距（V） Distance of Screw	尾座体高度 (B) Overall height
HT-470	470	6	403	380	52	110	22	375	555
NT110	110	2#	170	94	260	40	14	145	140
NT125	125	2#	170	94	260	40	18	145	155
	125	3#	190	90	310	55	18	170	155
NT135	135	2#	170	90	260	40	18	145	160
	135	3#	190	110	310	55	18	170	165
NT145	145	2#	170	90	260	40	18	145	170
	145	3#	190	110	310	55	18	170	175
NT160	160	3#	190	110	310	55	18	170	190
NT185	185	3#	200	120	310	55	18	170	210
NT210	210	3#	202	120	310	55	18	180	240
NT255	255	4#	280	180	420	70	18	255	295
NT260	260	4#	280	180	420	70	18	255	300
NT310	310	5#	370	260	520	110	22	345	365
NT400	400	5#	380	300	520	110	22	350	455

QT 重型气动尾座外观图
QTHeavy-duty Pneumatic Tailstock CAD Drawing



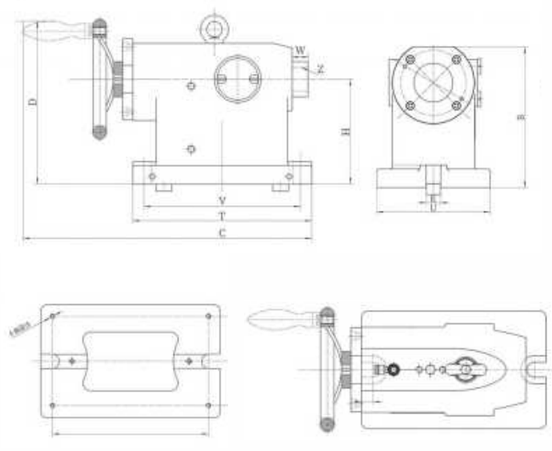


YT 重型液压尾座外观图
YT Heavy-duty Hydraulic Tailstock CAD Drawing



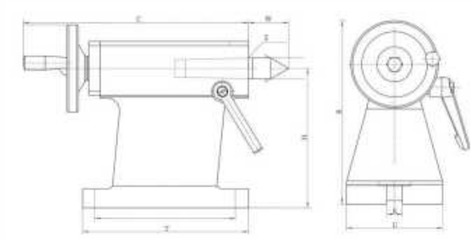


HT 重型手动尾座外观图
HT Heavy Duty Manual Tailstock CAD Drawing





NT 轻型手动尾座外观图
NT LightWeight Manual Tailstock CAD Drawing





热装机命名方式 Shrink Fit Naming And Coding Rules

SF	B00	BS	0332	M
01	02	03	04	05

01 设备名称 Product name	
热装机	Shrink Fit

02 品牌名称 Brand	
百斯图	SofTool

03 机器类型 Machine Type	
基础款	Basic

04 加热范围 Diameter Range	
夹持孔直径 3-32mm	Diameter 3-32mm

05 制式 Format	
公制	Metric

热装机 Shrink Fit



● 热装机 Pro | Shrink Fit Pro



● 热装机 | Shrink Fit

› 技术参数 | Technical parameters

单位 | Unit：mm

	热装机 Pro	Shrink Fit Pro	热装机	Shrink Fit
主电源 Mains voltage	3*380V 32A 15Kw		220V 27A 6Kw	
刀具 Tools	不锈钢、合金钢 Stainless steel / Carbide steel		不锈钢、合金钢 Stainless steel / Carbide steel	
刀具直径 Tool diameter	Φ3-Φ32mm		ϕ3–ϕ32mm（合金钢） ϕ3–ϕ32mm（Carbide steel）	ϕ4–ϕ25mm（不锈钢） ϕ4–ϕ25mm（Stainless steel）
尺寸（长×宽×高） Dimensions （L×W×H）	650*550*850mm		540×400×780mm	
重量 Weight	45kg		25kg	
附件 Accessories	含一个刀具台，一个转换套，一套定位卡簧， 一个卡钳，两个毛刷，一双热装机隔热手套 Includes one tool holder stand, one adapter sleeve, one set of locating snap rings, one clamping plier, two brushes, and one pair of heat-resistant gloves for the heat shrink machine		含一个支撑座，一个支撑盘，一套定位卡簧， 一个热装机拆刀钳，一双热装机隔热手套 Contains a support base, one holder conversion sleeve, one locating circlip, one disassembling pincer, one insulated gloves	
订货号 Ordering code	SFB00BS0332M		SFB01BS0320M	

› 备件 | Accessary

支撑盘	Support Discs	接口	Coupling
SF_CGB40_M		BT40/SK40	
SF_CGH63_M		HSK63	

- 配合热装刀柄使用，用于刀具的装夹及更换
- 针对所有刀具的标准热缩设备
- Used with shrink chuck for clamping and replacement of tools
- Standard shrinking equipment for all tools

热装机冷却系统
Cooling System



› 技术参数 | Technical parameters

单位 | Unit：mm

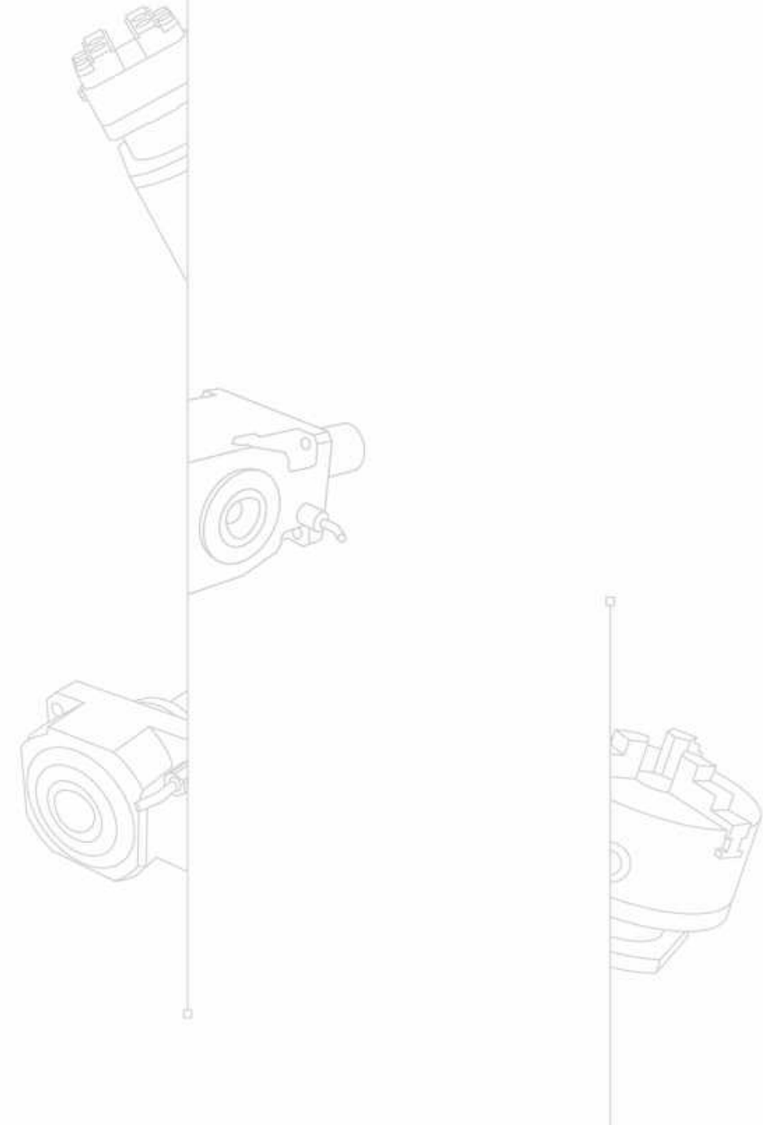
热装刀柄冷却系统	Cooling System
主电源 Mains voltage	220-240V 2.7A 1.08Kw
刀柄内孔直径 Chuck diameter	Φ3-Φ32mm
尺寸（长 × 宽 × 高） Dimensions （L×W×H）	500*670*700mm
重量 Weight	40kg
附件 Accessories	含一个支撑座，一个支撑盘，五个冷却套，一个冷却转换套 It includes one support base, one support disks, five cooling sleeves, and one cooling converter sleev
订货号 Ordering code	CSHY010332M

› 备件 | Accessary

支撑盘	Support Discs	接口	Coupling
CS_CGB40_M		BT40/SK40	
CS_CGH63_M		HSK63	

- 配合热装机使用，用于刀柄的冷却
- 针对本公司产品，冷却套匹配本公司出品刀柄的外形
- 快速冷却刀柄，刀柄不与冷却介质接触，延长刀柄寿命
- 模具型热装刀柄需要配套模具型刀柄转换套使用

- Used with shrink-fit machine for cooling of the tool holders
- For our products, the cooling sleeve matches the shape of the tool holders produced by SofTool
- Quick cooling for the holders without contacting with cooling medium, prolonging the holder's service life
- For the die & mold type of shrink chuck, it is necessary to match corresponding converter sleeves



数控（CNC）刀柄自动切换设备
CNC AUTOMATIC TOOL HOLDER CHANGER

01 可在 20S 内完成刀具切换过程，极大缩短了换刀时间，提升成产效率及稼动率
Tool holder change completed within 20 seconds - Significantly reduces changeover time, improving production efficiency and machine utilization

02 一机覆盖：可覆盖大部分不同型号，不同规格的刀柄、筒夹，均可对应到不同的刀座及刀柄螺帽总成
One machine for multiple applications - Compatible with most tool holders and collets of different types and specifications, each matched to dedicated tool holder seats and tool holder nut assemblies



03 本设备只需选择触屏功能，点按按钮即可完成装卸，无繁重的工具工装
Simple touchscreen operation - Loading/unloading is performed by selecting on the touchscreen and pressing a button, eliminating the need for heavy tools or fixtures

主要优势
Key advantages

- 数控（CNC）刀柄自动切换设备是我司为解决手动换刀问题专门研发生产的自动化设备，是我司的标准化定型产品，适用于 G/SK、UM、GER、A 型、 MS 型等螺纹锁紧形式的刀柄
The CNC Automatic Tool Holder Changer is an automated equipment specifically developed and manufactured by our company to solve the problem of manual tool holder change. It is a standardized and finalized product of our company, suitable for tool holders with thread-locking configurations such as G/SK, UM, GER, Type A, and MS.

BCHAS-A 系列
BCHAS-A

› 订货号 Ordering code：BCHAS-A



- BCHAS-A 型号主要包含智能触屏控制系统、伺服工位控制机构、自动装卸升降机构、刀柄放置座总成、主控制柜、装卸刀工具等 6 个主要部分组成。
- The BCHAS-A model mainly consists of six major components:intelligent touchscreen control system, servo station control mechanism, automatic loading/unloading lifting mechanism, tool holder placement seat assembly, main control cabinet, and tool loading/unloading tools.

BCHAS-A 系列
BCHAS-A

› 技术参数 | Technical parameters

设备主体 Main Body	智能触屏控制系统 Intelligent Touchscreen Control System	自动装卸升降机构 Automatic Loading/Unloading Lifting Mechanism	伺服工位控制机构 Servo Station Control Mechanism	刀柄放置座总成 Tool Holder Placement Seat Assembly	主控制柜 Main Control Cabinet	备注：设备主体包含 5 个主要部分 Note: The equipment main body consists of 5 main parts					
配件 Accessories	刀座 Block	BT30/HSK50	BT40/HSK63	BT50/HSK100	–	备注：配件包含 6 种刀座 Note: Accessories include 6 types of blocks					
	转接套 Adapter	ER16-A	ER20-A	ER25	ER32	SK10-27.5	SK10-30	SK13	SK16	SK20	备注：包含 9 种转接套 Note: Includes 9 types of adapters
备注：其他类型刀座和转接套可非标订制 Note: Other types of blocks and adapters are available for non-standard customization											

刀座类型 Block Type	刀柄类型 Tool Holder Type	刀直径 /mm Tool Diameter	转接套 Adapter	备注 Note
BT30/HSK50	ER8	1、2、3、4、5	订制 Customization	其他型号刀座或转接套可非标订制 Other models of blocks or adapters are available for non-standard customization
	ER11/ER16	2、3、4、6、8、10	ER16	
	ER20/SK10-27.5/SK10-30	4、6、8、10、12	ER20、SK10-27.5/SK10-30	
	ER25/SK13	4、6、8、10、12、14、16	ER25、SK13	
	ER32/SK16	4、6、8、10、12、14、16、20	ER32、SK16	
BT40/HSK63	ER8	1、2、3、4、5	订制 Customization	
	ER11/ER16	2、3、4、6、8、10	ER16	
	ER20/SK10-27.5/SK10-30	4、6、8、10、12	ER20、SK10-27.5/SK10-30	
	ER25/SK13	4、6、8、10、12、14、16	ER25、SK13	
	ER32/SK16	4、6、8、10、12、14、16、20、25	ER32、SK16	
	SK20	4、6、8、10、12、14、16、20、24、25	SK20	
BT50/HSK100	ER8	1、2、3、4、5	订制 Customization	
	ER11/ER16	2、3、4、6、8、10	ER16	
	ER20/SK10-27.5/SK10-30	4、6、8、10、12	ER20、SK10-27.5/SK10-30	
	ER25/SK13	4、6、8、10、12、14、16	ER25、SK13	
	ER32/SK16	4、6、8、10、12、14、16、20、25	ER32、SK16	
	SK20	4、6、8、10、12、14、16、20、24、25	SK20	

BCHAS-H 系列
BCHAS-H

› 订货号 Ordering code：BCHAS-H



- BCHAS-H 系列主要包含智能触屏控制系统、刀柄位置控制机构、自动装卸升降机构、刀柄放置座总成、主控制柜、装卸刀工具 6 个主要部分组成。
- The BCHAS-H series mainly consists of six major components: intelligent touchscreen control system, tool holder position control mechanism, automatic loading/unloading lifting mechanism, tool holder placement seat assembly, main control cabinet, and tool loading/unloading tools.

BCHAS-H 系列
BCHAS-H

› 技术参数 | Technical parameters

设备主体 Main Body	智能触屏控制系统 Intelligent Touchscreen Control System	自动装卸升降机构 Automatic Loading/Unloading Lifting Mechanism	伺服工位控制机构 Servo Station Control Mechanism	刀柄放置座总成 Tool Holder Placement Seat Assembly	主控制柜 Main Control Cabinet	备注：设备主体包含 5 个主要部分 Note: The equipment main body consists of 5 main parts					
配件 Accessories	刀座 Block	BT30	BT40	BT50	–	备注：配件包含 6 种刀座 Note: Accessories include 6 types of blocks					
	转接套 Adapter	ER16-A	ER20-A	ER25	ER32	SK10-27.5	SK10-30	SK13	SK16	SK20	备注：包含 9 种转接套 Note: Includes 9 types of adapters
备注：其他类型刀座和转接套可非标订制 Note: Other types of blocks and adapters are available for non-standard customization											

刀座类型 Block Type	刀柄类型 Tool Holder Type	刀直径 /mm Tool Diameter	转接套 Adapter	备注 Note
BT30	ER8	1、2、3、4、5	订制 Customization	其他型号刀座或转接套可非标订制 Other models of blocks or adapters are available for non-standard customization
	ER11/ER16	2、3、4、6、8、10	ER16	
	ER20/SK10-27.5/SK10-30	4、6、8、10、12	ER20、SK10-27.5/SK10-30	
	ER25/SK13	4、6、8、10、12、14、16	ER25、SK13	
	ER32/SK16	4、6、8、10、12、14、16、20	ER32、SK16	
BT40	ER8	1、2、3、4、5	订制 Customization	
	ER11/ER16	2、3、4、6、8、10	ER16	
	ER20/SK10-27.5/SK10-30	4、6、8、10、12	ER20、SK10-27.5/SK10-30	
	ER25/SK13	4、6、8、10、12、14、16	ER25、SK13	
	ER32/SK16	4、6、8、10、12、14、16、20、25	ER32、SK16	
	SK20	4、6、8、10、12、14、16、20、24、25	SK20	
BT50	ER8	1、2、3、4、5	订制 Customization	
	ER11/ER16	2、3、4、6、8、10	ER16	
	ER20/SK10-27.5/SK10-30	4、6、8、10、12	ER20、SK10-27.5/SK10-30	
	ER25/SK13	4、6、8、10、12、14、16	ER25、SK13	
	ER32/SK16	4、6、8、10、12、14、16、20、25	ER32、SK16	
	SK20	4、6、8、10、12、14、16、20、24、25	SK20	

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