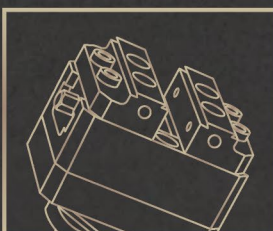
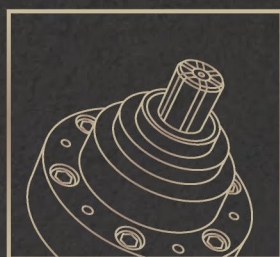
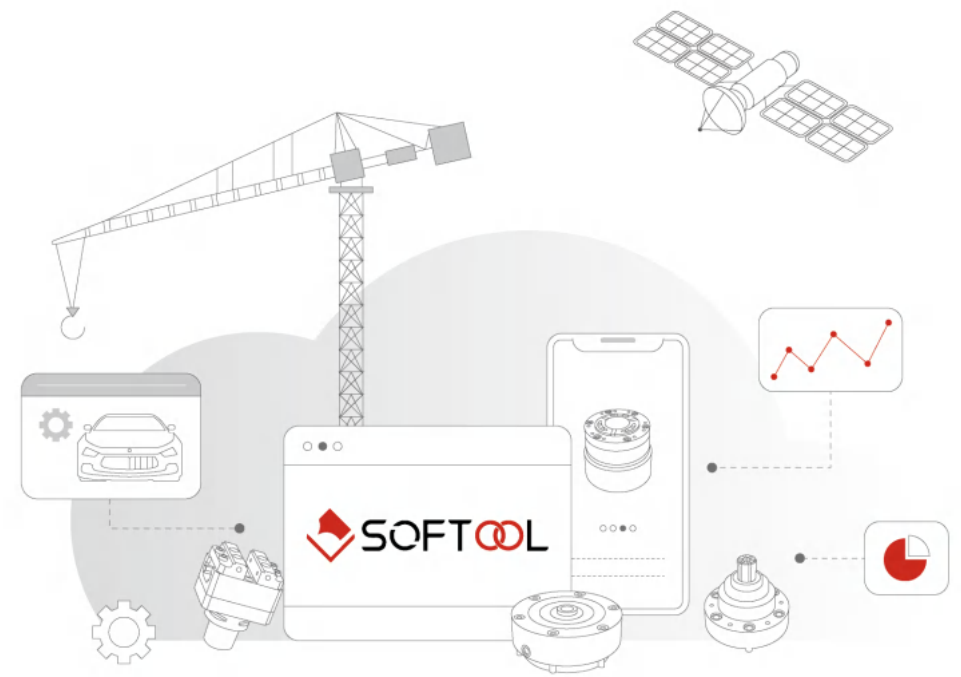


2025



夹具 CHUCKS



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

公司简介

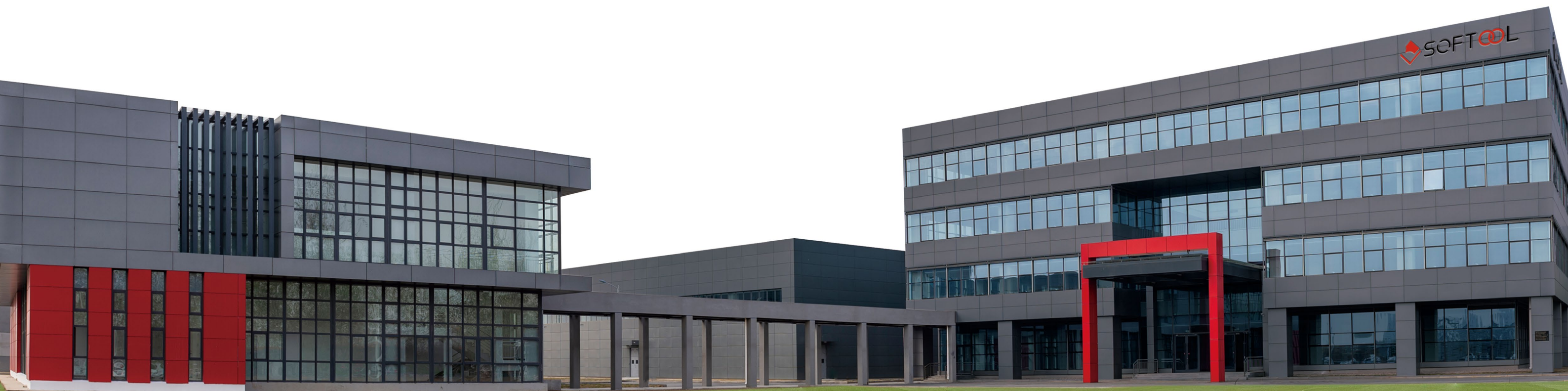
COMPANY
PROFILE

- 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.



夹具 CHUCKS

· 是 刀 具 更 是 艺 术 ·
TOOLING ALSO ARTS



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Chucks

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V虎钳
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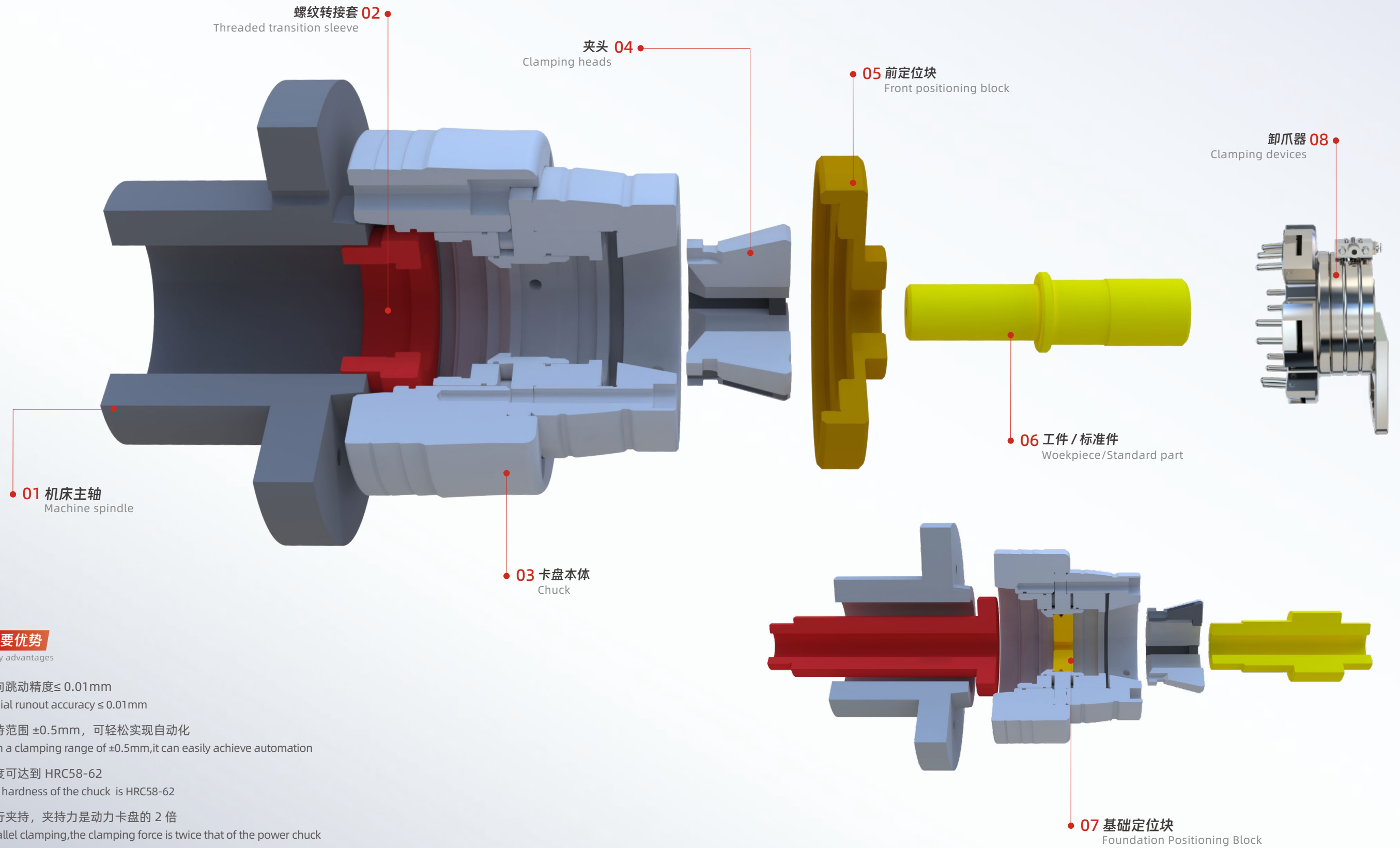
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080-125

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卡盘 CHUCKS



主要优势

Key advantages

- 径向跳动精度 $\leq 0.01\text{mm}$
Radial runout accuracy $\leq 0.01\text{mm}$
- 夹持范围 $\pm 0.5\text{mm}$ ，可轻松实现自动化
With a clamping range of $\pm 0.5\text{mm}$, 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

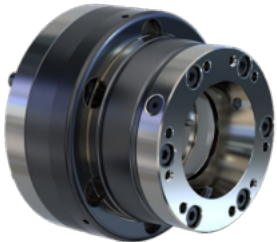
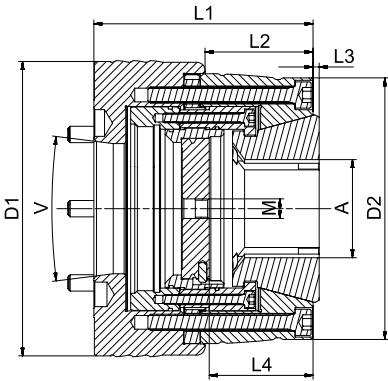
03 拉紧方式 Tightening Menthod	
P	制动后拉 Pull back
D	0 位移 Deadlength

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

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

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

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

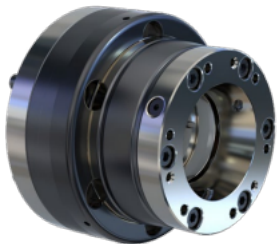
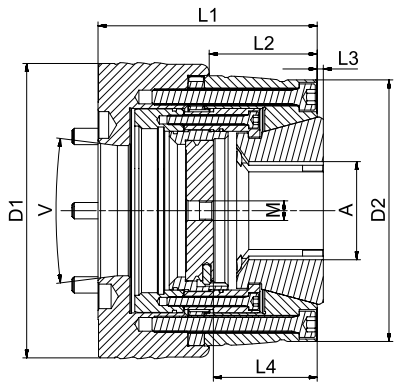
● 可单独订购配件，按需询价

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

请参考 | Please refer to

 夹头 Clamping heads Page 63	 BK 卸爪器 Clamping devices Page 65
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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

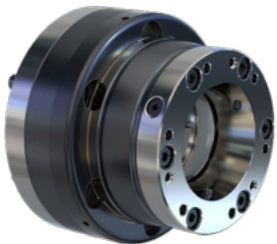
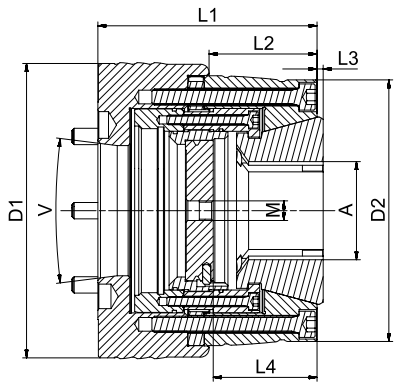
● 可单独订购配件，按需询价

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

请参考 | Please refer to



卡盘 BC220-052
Chuck BC220-052



技术参数 | Technical parameters

单位 | Unit: mm

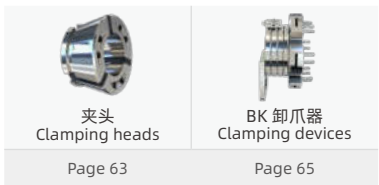
型号 Size		52
拉紧方式 Tightening menthod		pull-back
粗加工夹头 Clamping head roughing		BH210-052
精加工夹头 Clamping head finishing		BH220-052
跳动 Run-out ≤ [mm]		0.01
径向夹持力 Radial clamping force [kgf]		9400
轴向拉力 Axial drawtube force [pull / push] [kgf]		4000
最大转速 RPM n max. [1/min.]		7000
夹持范围 Clamping range [mm]	A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

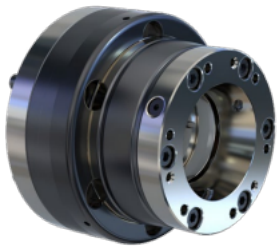
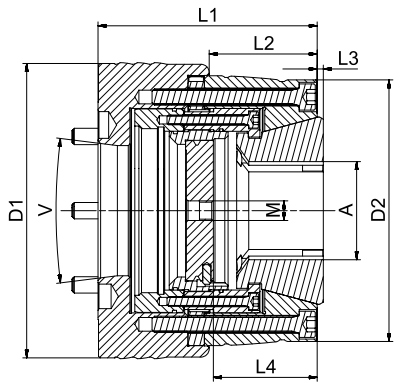
● 可单独订购配件，按需询价

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

请参考 | Please refer to



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

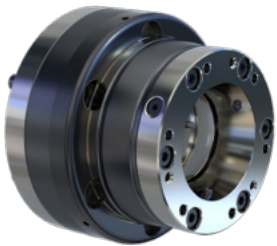
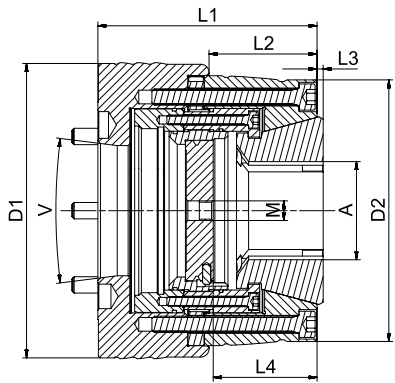
• 可单独订购配件，按需询价

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

请参考 | Please refer to



卡盘 BC220-080
Chuck BC220-080



技术参数 | Technical parameters

单位 | Unit: mm

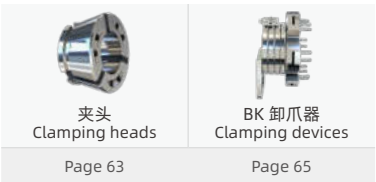
型号 Size		80
拉紧方式 Tightening menthod		pull-back
粗加工夹头 Clamping head roughing		BH210-080
精加工夹头 Clamping head finishing		BH220-080
跳动 Run-out ≤ [mm]		0.01
径向夹持力 Radial clamping force [kgf]		11500
轴向拉力 Axial drawtube force [pull / push] [kgf]		5000
最大转速 RPM n max. [1/min.]		5500
夹持范围 Clamping range [mm]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

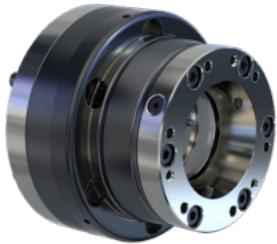
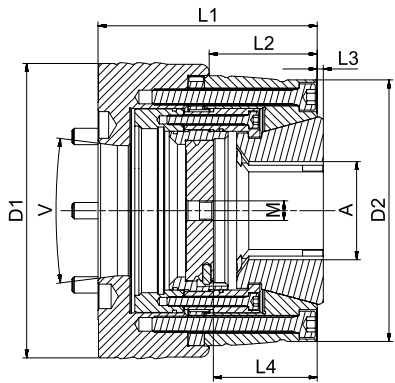
• 可单独订购配件，按需询价

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

请参考 | Please refer to



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		0	0	73	12	33.5				
BC220-100-P-A208-159	A208			159						33				
BC220-100-P-A211-165	A211	280		165	78.5					43				
BC220-100-P-AP170-159	AP170	235		159						35				
BC220-100-P-AP220-159	AP220	240												

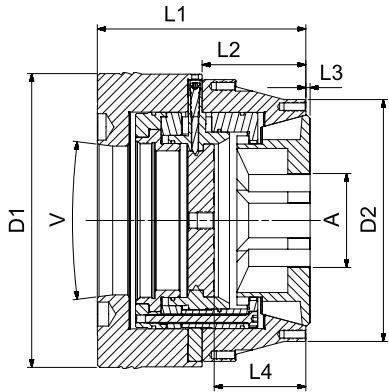
● 可单独订购配件，按需询价

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

请参考 | Please refer to



卡盘 BC220-125
Chuck BC220-125



技术参数 | Technical parameters

单位 | Unit: mm

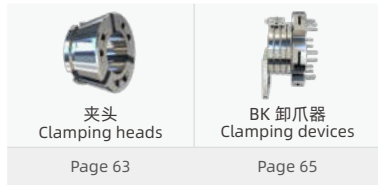
型号 Size		125
拉紧方式 Tightening menthod		pull-back
粗加工夹头 Clamping head roughing		BH210-125
精加工夹头 Clamping head finishing		BH220-125
跳动 Run-out ≤ [mm]		0.02
径向夹持力 Radial clamping force [kgf]		16500
轴向拉力 Axial drawtube force [pull / push] [kgf]		7000
最大转速 RPM n max. [1/min.]		3200
夹持范围 Clamping range [mm]	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		270						185	46
BC220-125-P-AP170-185	AP170	190								49	
BC220-125-P-AP220-190	AP220	47									

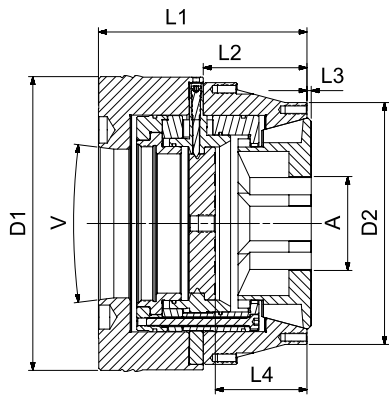
● 可单独订购配件，按需询价

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

请参考 | Please refer to



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 method		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						

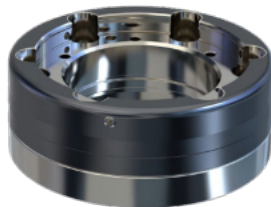
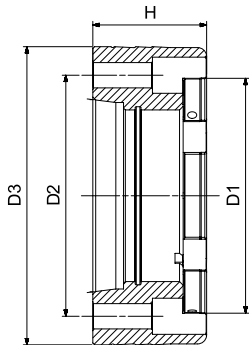
● 可单独订购配件，按需询价

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

请参考 | Please refer to



卡盘法兰
Chuck flanges



技术参数 | Technical parameters

单位 | Unit: mm

订货号 Order no.	对应卡盘规格 Corresponding chuck	主轴规格 Spindle nose	H	D1	D2	D3
BC230-032-A204-106-062	BC220-032-P-A204-117	A204	62	LKØ82.6(3XM10)	115	106
BC230-032-A205-106-062	BC220-032-P-A205-117	A205	62	LKØ104.8(6XM10)	135	106
BC230-042-A204-131-0063	BC220-042-P-A204-122	A204	63	LKØ82.6(3XM10)	144	131
BC230-042-A204-131-063	BC220-042-P-A205-122	A205	63	LKØ104.8(6XM10)	144	131
BC230-042-A204-131-063	BC220-042-P-A206-122	A206	63	LKØ133.4(6XM12)	165	131
BC230-042-AP120-131-062	BC220-042-P-AP120-115	AP120	62	LKØ104.8(6XM10)	144	131
BC230-042-AP140-131-062	BC220-042-P-AP140-115	AP140	62	LKØ104.8(6XM10)	150	131
BC230-052-A205-131-063	BC220-052-P-A205-122	A205	63	LKØ104.8(6XM10)	144	131
BC230-052-A206-131-063	BC220-052-P-A206-122	A206	63	LKØ133.4(6XM12)	165	131
BC230-052-A206-131-062	BC220-052-P-AP120-115	AP120	62	LKØ104.8(6XM10)	144	131
BC230-052-AP120-131-062	BC220-052-P-AP140-115	AP140	62	LKØ104.8(6XM10)	150	131
BC230-065-A205-148-065	BC220-065-P-A205-131	A205	65	LKØ104.8(6XM10)	160	148
BC230-065-A206-148-064	BC220-065-P-A206-130	A206	64	LKØ133.4(6XM12)	165	148
BC230-065-A208-148-065	BC220-065-P-A208-131	A208	65	LKØ171.4(6XM16)	210	148
BC230-065-AP120-148-060	BC220-065-P-AP120-120	AP120	60	LKØ104.8(6XM10)	160	148
BC230-065-AP140-148-060	BC220-065-P-AP140-120	AP140	60	LKØ104.8(6XM10)	160	148
BC230-065-AP170-148-055	BC220-065-P-AP170-115	AP170	55	LKØ133.4(6XM12)	180	148
BC230-080-A205-1065-068	BC220-080-P-A205-134	A205	68	LKØ104.8(6XM10)	180	165
BC230-080-A206-1065-069	BC220-080-P-A206-135	A206	69	LKØ133.4(6XM12)	180	165
BC230-080-A208-1065-074	BC220-080-P-A208-140	A208	74	LKØ171.4(6XM16)	210	165
BC230-080-AP170-165-075	BC220-080-P-AP170-135	AP170	75	LKØ133.4(6XM12)	180	165
BC230-080-AP220-165-088	BC220-080-P-AP220-148	AP220	88	LKØ171.4(6XM16)	235	165

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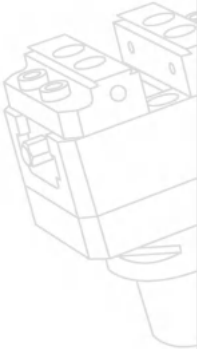
卡盘法兰
Chuck flanges

技术参数 | Technical parameters

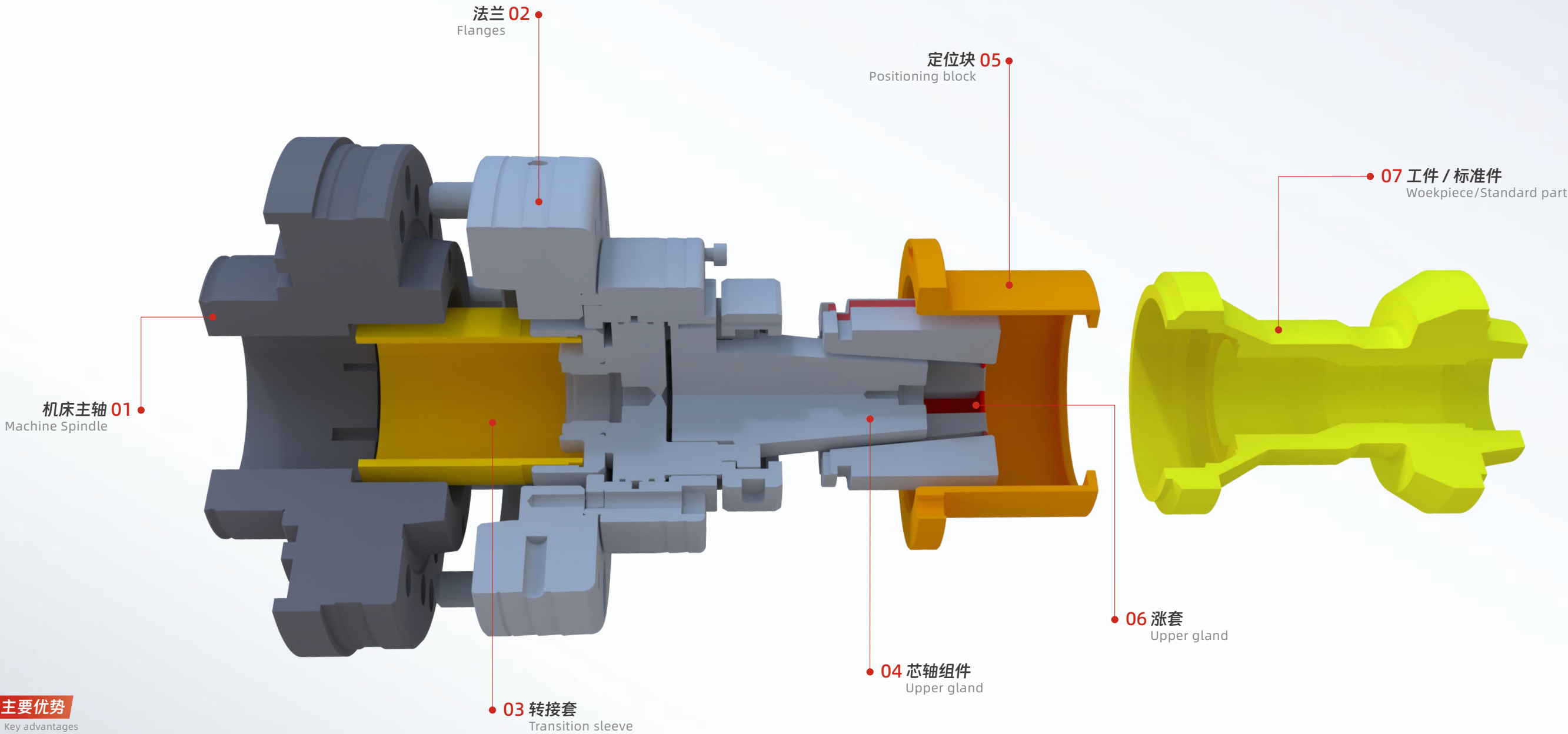
单位 | Unit: mm

订货号 Order no.	对应卡盘规格 Corresponding chuck	主轴规格 Spindle nose	H	D1	D2	D3
BC230-100-A206-219-76.5	BC220-100-P-A206-155	A206	76.5	LKØ133.4(6XM12)	235	219
BC230-100-A208-219-80.5	BC220-100-P-A208-159	A208	80.5	LKØ171.4(6XM16)	235	219
BC230-100-A211-219-86.5	BC220-100-P-A211-165	A2011	86.5	LKØ235(8XM18/M20)	280	219
BC230-100-AP170-219-73.5	BC220-100-P-AP170-159	AP170	73.5	LKØ133.4(6XM12)	235	219
BC230-100-AP220-219-86.5	BC220-100-P-AP220-159	AP220	86.5	LKØ171.4(6XM16)	240	219
BC230-125-A206-258-096	BC220-125-P-A206-191	A206	96	LKØ133.4(6XM12)	269	258
BC230-125-A208-258-096	BC220-125-P-A208-191	A208	96	LKØ171.4(6XM16)	269	258
BC230-125-A211-258-096	BC220-125-P-A211-191	A2011	96	LKØ235(8XM18/M20)	279	258
BC230-125-AP170-258-096	BC220-125-P-AP170-185	AP170	96	LKØ133.4(6XM12)	269	258
BC230-125-AP220-258-101	BC220-125-P-AP220-190	AP220	101	LKØ171.4(6XM16)	269	258
BC230-160-A206-290-095	BC220-160-P-A206-190	A206	95	LKØ133.4(6XM12)	301	290
BC230-160-A208-290-100	BC220-160-P-A208-195	A208	100	LKØ171.4(6XM16)	301	290
BC230-160-A211-290-105	BC220-160-P-A211-200	A2011	105	LKØ235(8XM18/M20)	301	290
BC230-160-AP170-290-100	BC220-160-P-AP170-189	AP170	100	LKØ133.4(6XM12)	301	290
BC230-160-AP220-290-105	BC220-160-P-AP220-194	AP220	105	LKØ171.4(6XM16)	301	290

命名方式 | Naming And Coding Rules



芯轴 ARBOR



主要优势

Key advantages

- 径向跳动精度 $\leq 0.01\text{mm}$
Radial runout accuracy $\leq 0.01\text{mm}$
- 夹持范围 $\pm 0.2\text{mm}$ 至 0.5mm , 可轻松实现自动化
With a clamping of $\pm 0.5\text{mm}$, 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

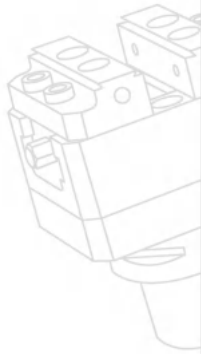
BM120	-	3S	-	RD	-	008013
01		02		03		04

01 产品规格 Type	
BM120	芯轴 Mandrel
BM210	芯轴齿轮 Gear cutting
BM220	芯轴磨齿 Gear grinding

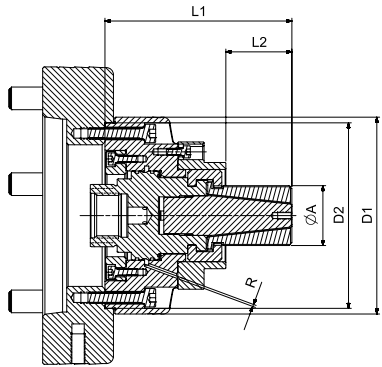
02 规格 Clamping Type			
3S	2S	1S	
00	01	02	03
04	05	06	07

03 轮廓 Profile	
RD	圆形 Round

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 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			

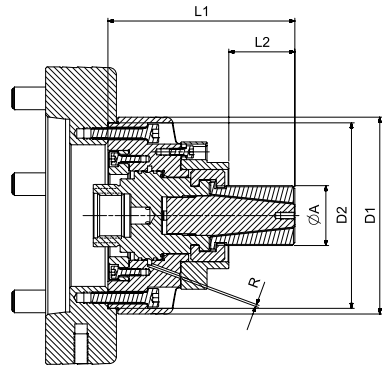
订货号 Order no.	L1	L2	D1	D2	R	Weight [kg]
BM120-3S-RD-008013	100.5	12.9	139	131	3	5.4
BM120-2S-RD-013019	95	14				5
BM120-1S-RD-016021	97	15				5.1
BM120-00-RD-020028	108	21				5.8

- 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

涨套 Segmented clamping bushings	法兰 BM140 Flanges BM140	手动芯轴底座 BM410 Static manual mandrel base BM410	液压芯轴底座 BM420 Static hydraulic mandrel base BM420
Page 67	Page 33	Page 60	Page 61

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	

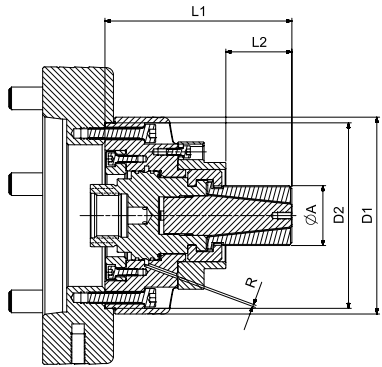
订货号 Order no.	L1	L2	D1	D2	R	Weight [kg]
BM120-01-RD-026038	114	25	139	131	3	5.8
BM120-02-RD-036054	132	40				7.7
BM120-03-RD-050080	140	44.5				8.6
BM120-04-RD-069120	148.5	52.5				9.8

- 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

涨套 Segmented clamping bushings	法兰 BM140 Flanges BM140	手动芯轴底座 BM410 Static manual mandrel base BM410	液压芯轴底座 BM420 Static hydraulic mandrel base BM420
Page 67	Page 33	Page 60	Page 61

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

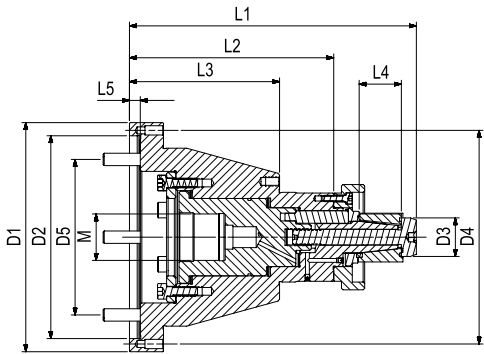
订货号 Order no.	L1	L2	D1	D2	R	Weight [kg]
BM120-05-RD-100130	175	53	230	219	3	27.6
BM120-06-RD-130160	188.5	61	231			32.6
BM120-07-RD-160190	188.5	55	237			36.6

- 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

涨套 Segmented clamping bushings Page 67	法兰 BM140 Flanges BM140 Page 33	手动芯轴底座 BM410 Static manual mandrel base BM410 Page 60	液压芯轴底座 BM420 Static hydraulic mandrel base BM420 Page 61

齿轮 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				

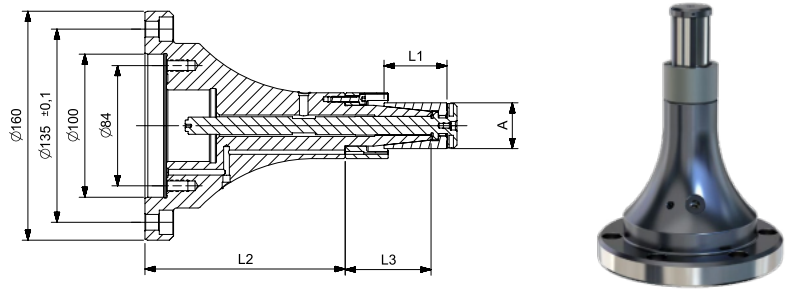
订货号 Order no.	L1	L2	L3	L4	L5	D1	D2	D3	D4	D5	M	Weight [kg]
BM210-00-RD-020028	178	132	97	22	7	148	Ø131H7	19	LK Ø138 [3 x M6]	LK Ø116 [6 x M8]	M30x1.5	5.9
BM210-01-RD-026038	185.5			26				25				7.5
BM210-02-RD-036054	199.5	127	77	43				35				7.7
BM210-03-RD-050080	205.5			49				49				9.7
BM210-04-RD-069120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

- 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 Page 66	手动芯轴底座 BM410 Static manual mandrel base BM410 Page 60	液压芯轴底座 BM420 Static hydraulic mandrel base BM420 Page 61

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

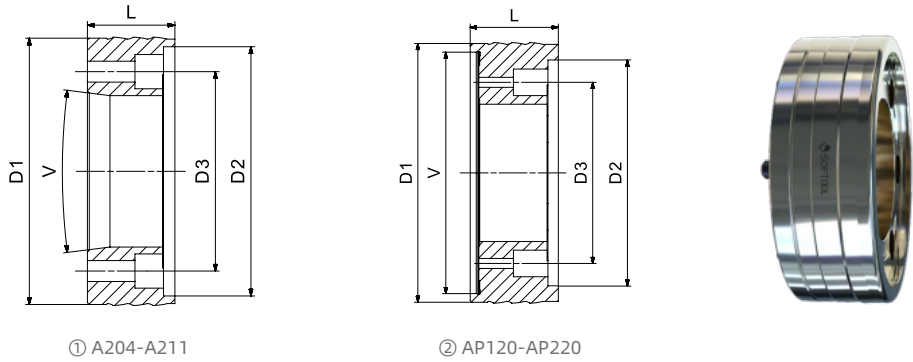
技术参数 | Technical parameters

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

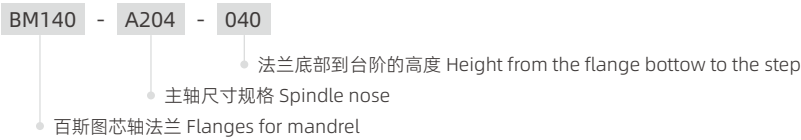


技术参数 | Technical parameters

单位 | Unit: mm

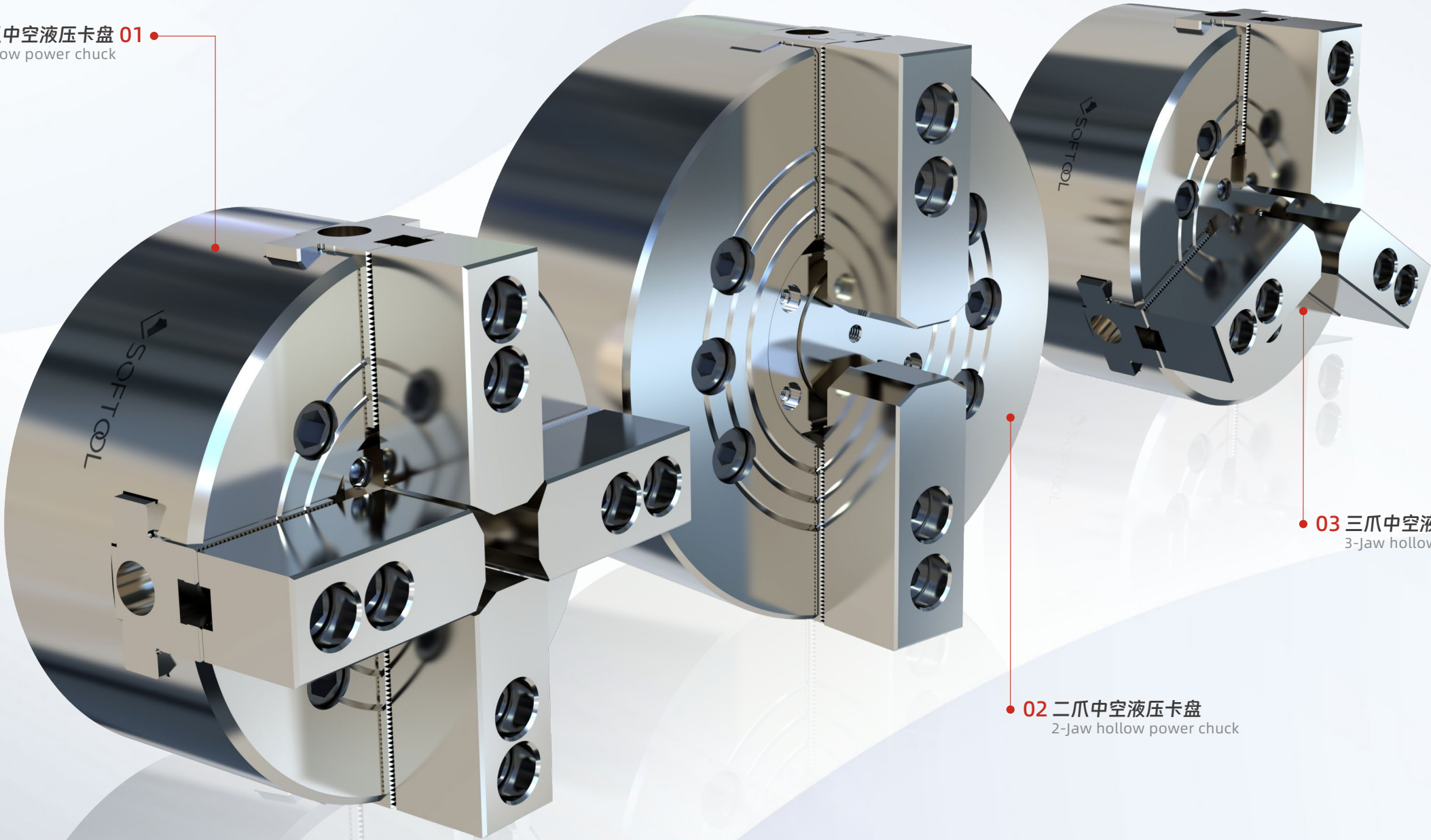
订货号 Order no.	对应芯轴类型 Size	V	法兰型号 Flange type	D1	D2	D3	L1
BM140-A204-040	BM120-3S 到 BM120-04	A204	1	140	131	LK Ø82.6[3×M10]	46
BM140-A205-040		A205				LK Ø104.8[6×M10]	
BM140-A206-060		A206				LK Ø133.4[6×M12]	66
BM140-A206-080						LK Ø171.4[6×M16]	86
BM140-A208-044		A208	2	210		LK Ø104.8[6×M10]	51
BM140-AP120-040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

命名方式 | Naming And Coding Rules



动力卡盘 POWER
CHUCKS

四爪中空液压卡盘 01
4-jaw hollow power chuck



03 三爪中空液压卡盘
3-jaw hollow power chuck

02 二爪中空液压卡盘
2-jaw hollow power chuck

命名方式 Naming And Coding Rules

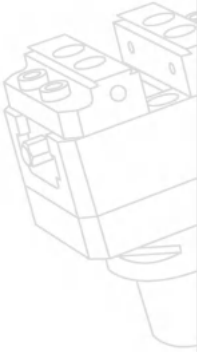


01 产品规格 Type	
BC510	三爪中空液压卡盘 3-Jaw hollow power chuck
BC610	二爪中空液压卡盘 2-Jaw hollow power chuck
BC410	四爪中空液压卡盘 4-Jaw hollow power chuck
BC520	三爪后拉球锁液压卡盘 3-Jaw pull ball-lock power chuck
BC530	三爪斜后拉气密液压卡盘 3-Jaw clined pull air-tight power chuck
BC540	浮动顶尖液压卡盘 Pull compensating power chuck
BC550	三爪中空立式液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

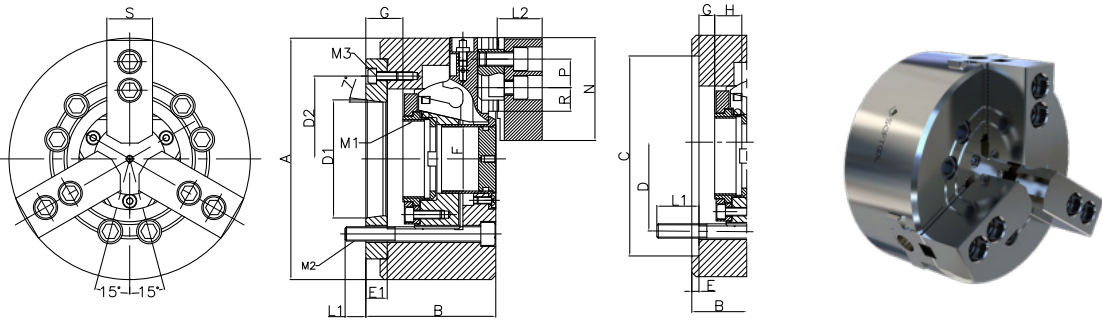
03 规格 Size		
304	204	406
305	205	408
306	206	410
308	208	412
310	210	415
312	212	418
315	215	
318		

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

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



- 高强度性，稳定耐磨
- 定位精度为 0.01mm，使用寿命长
- High strength stable wearable
- High precision,high 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 inertla[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

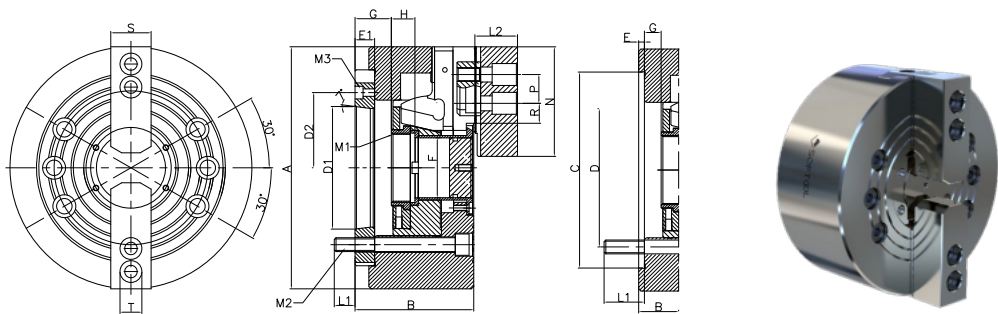
技术参数 | Technical parameters

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



- 高强度性，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, highn 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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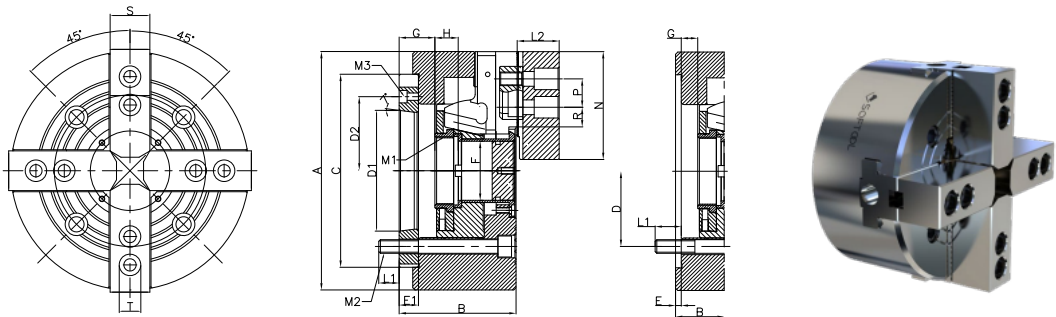
二爪中空液压卡盘 BC610
2-jaw hollow power chuck

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



- 高强度性，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,high 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-405-A205	BC410-YK-406-A206	BC410-YK-408-A206	BC410-YK-408-A208	BC410-YK-312-A208	BC410-YK-310-A208	BC410-YK-310-A211	BC410-YK-318-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 inertla[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

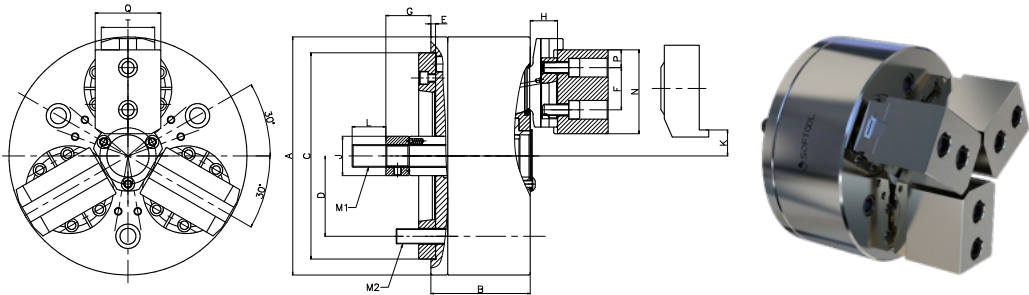
技术参数 | Technical parameters

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 workpiece
 - 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 Plunger stroke[mm]	11.3	14.3	17.5
惯量 Moment of inertia[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

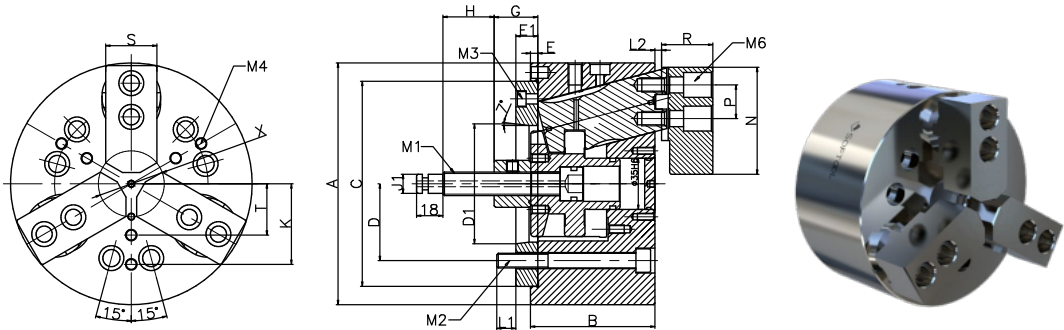
技术参数 | Technical parameters

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
- 高强度刚性，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-340-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

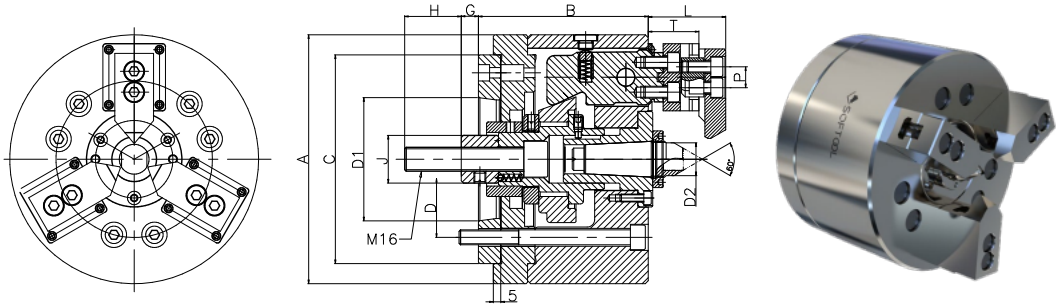
技术参数 | Technical parameters

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 $\phi 5\text{mm}$ ，可达 $\phi 10\text{mm}$ 。
- 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,the standard is $\phi 5\text{mm}$ and available for up to $\phi 10\text{mm}$.
- 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。
- 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

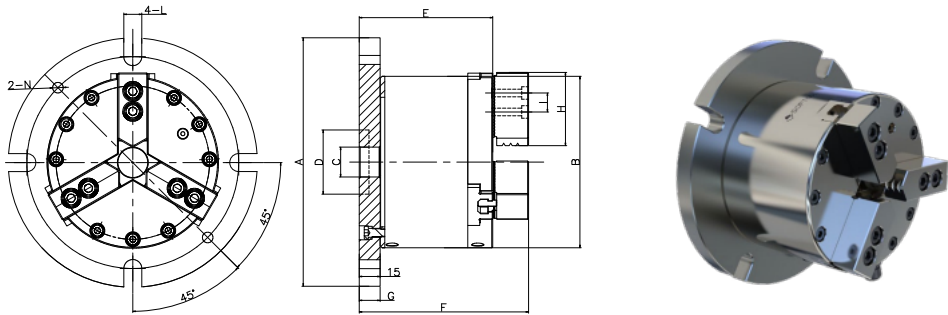
技术参数 | Technical parameters

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: A single installation requires only type 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

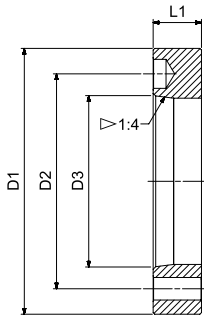
技术参数 | Technical parameters

单位 | Unit: mm

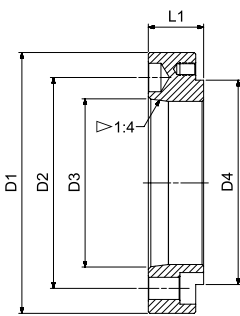
E	111	138	158	186	200
F	142	175	196	229	251
G	12	14	16	18	
H	62	73	95	100	130
I	14	20	25	30	
Q	5			6	
L	9	11	13		
N(H7)	10			12	
P	25	31	35	40	50
Weight [kg]	12	20	34	56	80

- 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



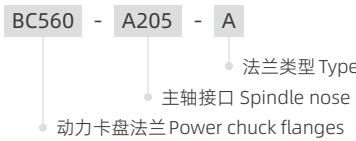
B 型

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



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

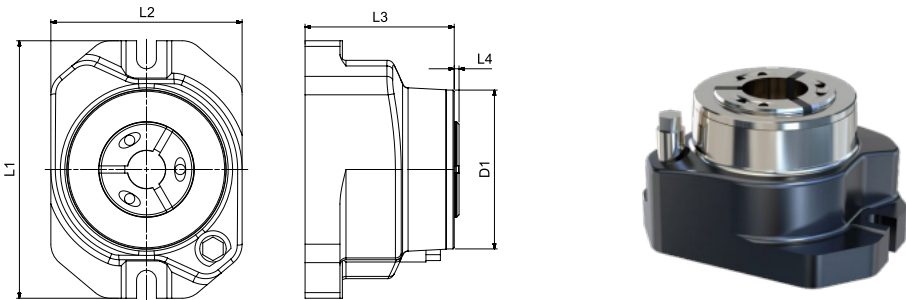
01 产品规格 Type	
BC810	静止手动卡盘 Static manual chuck
BC830	静止液压卡盘 Static hydraulic chuck
BM410	静止手动芯轴底座 Static manual mandrel base
BM420	静止液压芯轴底座 Static hydraulic mandrel base

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

02 夹头 / 芯轴规格 Size				
042	052	065	80	100
35	25	15	00	01
02	03	04	05	06
07				

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 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

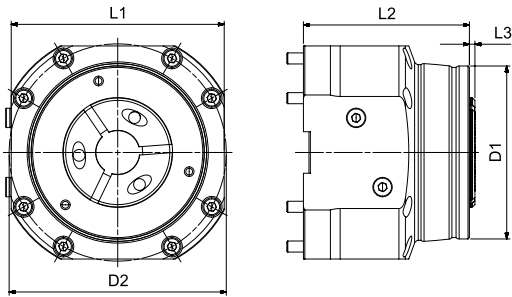
订货号 Order no.	D1	L1	L2	L3	L4(粗)	L4(精)	Weight [kg]
BC810-042-RD-003042	Ø 132 f7	214	159	124	9	4	14.3
BC810-052-RD-003052					4		14
BC810-065-RD-003065					9		13
BC810-080-RD-004080	Ø 178 f7	264	210	140	4	0	22
BC810-100-RD-015100					0		

- 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 63	 BK 卸爪器 Clamping devices Page 65
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静止液压卡盘BC830
Static hydraulic chuck BC830



- 夹头径向跳动精度 $\leq 0.01\text{mm}$
- 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 $\leq 0.01\text{mm}$
- 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 $\leq$ [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 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

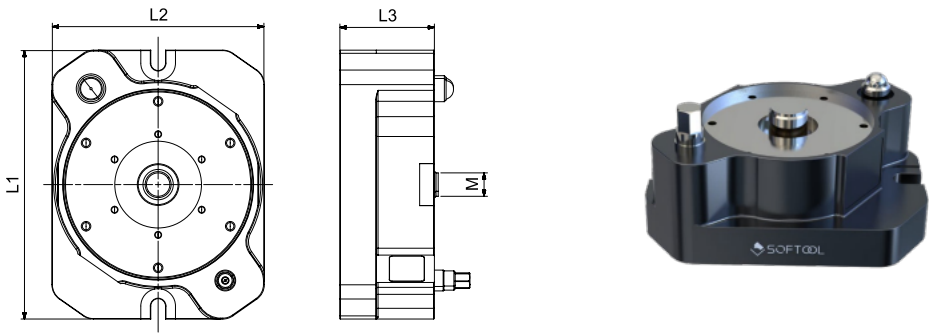
订货号 Order no.	D1	D2	L1	L2	L3(粗)	L3(精)	Weight [kg]
BC830-042-RD-003042	$\varnothing 125\text{ f7}$	LK $\varnothing 157 [8 \times \text{M8}]$	154	120	9	4	12
BC830-052-RD-003052					4		
BC830-065-RD-003065	$\varnothing 145\text{ f7}$	LK $\varnothing 180 [8 \times \text{M8}]$	174	130	9		15
BC830-080-RD-004080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



静止手动芯轴底座BM410
Static manual mandrel base BM410



- 重复定位精度 $\leq 0.01\text{mm}$
- 适合三轴、五轴、转台设备，支持多工位加工
- Repeatability accuracy $\leq 0.01\text{mm}$
- 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	BM120-0S/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

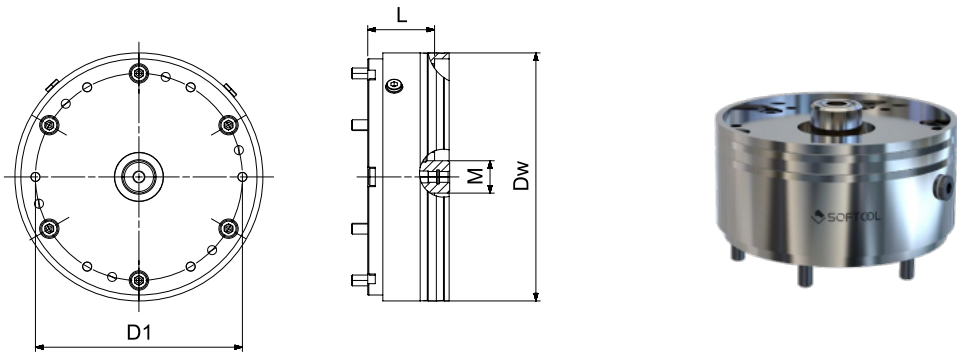
请参考 | Please refer to



命名方式 | Naming And Coding Rules



静止液压芯轴底座BM420
Static hydraulic mandrel base BM420



- 芯轴径向跳动精度 $\leq 0.01\text{mm}$
- 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 $\leq 0.01\text{mm}$
- 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	BM120-0S/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

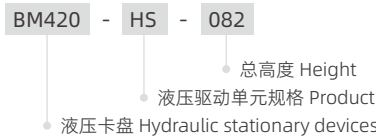
订货号 Order no.	M	D1	Dw	L	Weight [kg]
BM420-HS-082	M30 x 1,5	Ø 131 H6	139	62	9
BM420-HS-109		Ø 219 H6	230		18

- 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



命名方式 | Naming And Coding Rules



命名方式 Naming And
Coding Rules



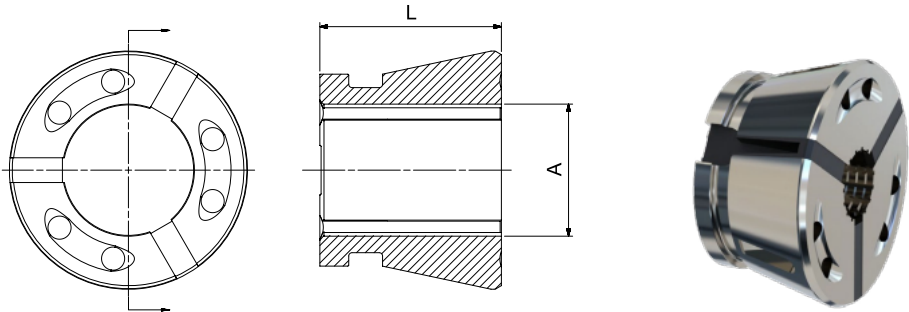
01 产品规格 Type	
BH210	粗加工夹头 Clamping head Roughing
BH220	精加工夹头 Clamping head finishing
BS110	BM210 涨套 BM210 Clamping bushing
BS130	BM120 涨套 BM120 Clamping bushing

03 轮廓 Profile	
RD	圆形 Round

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		

04 序号 Number
01

粗加工夹头 BH210
Clamping head Roughing BH210

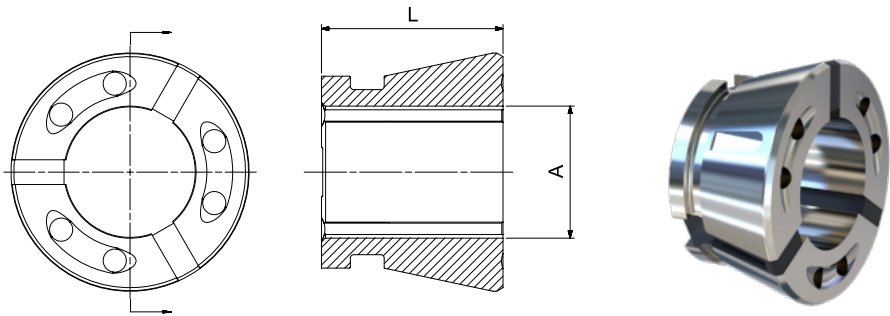


技术参数 | Technical parameters

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		带齿型 With Serration	4-80	53
BH210-100-RD-01	100	BC220-100	1	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

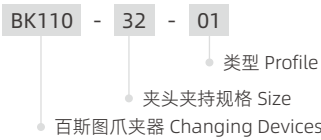


技术参数 | Technical parameters

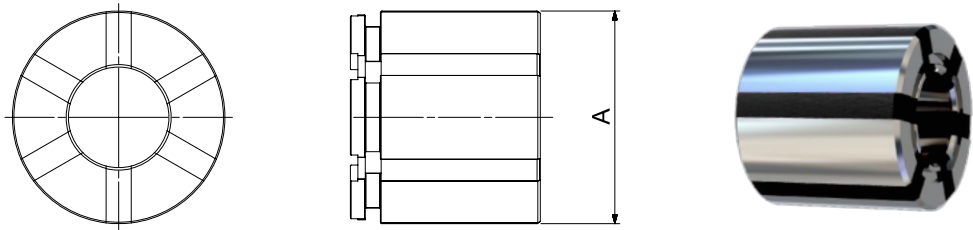
单位 | Unit: mm

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



BM210 涨套 BS110
BM210 Clamping bushing BS110

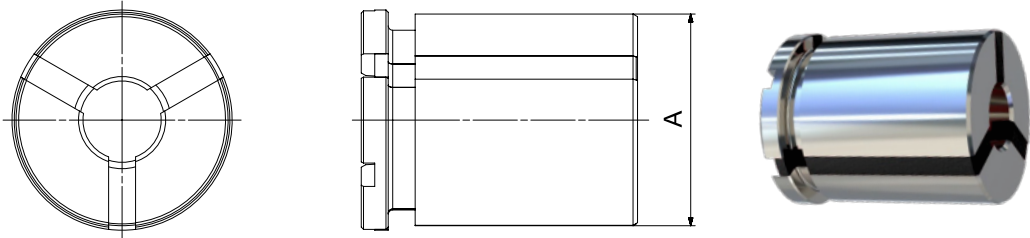


技术参数 | Technical parameters

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

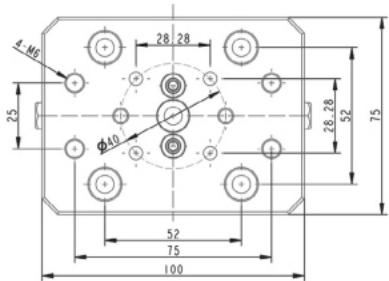
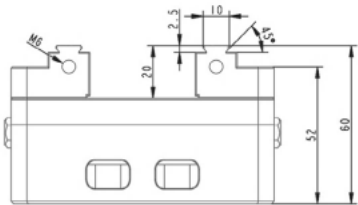
03 动力方式 Power Menthod	
M	手动 Manual
A	气动 Air

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

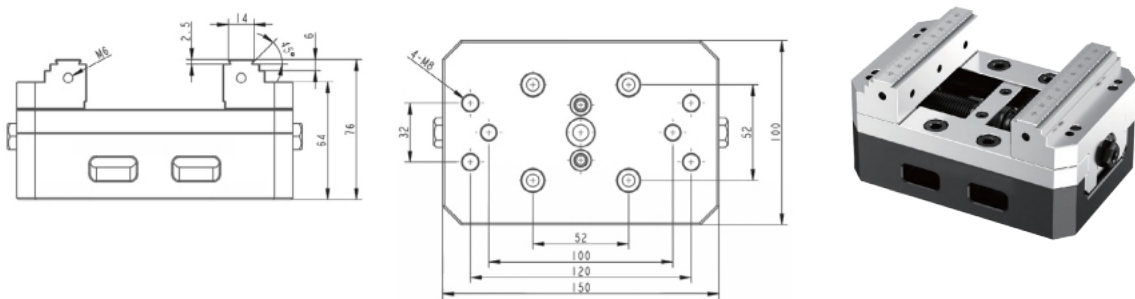
技术参数 | Technical parameters

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

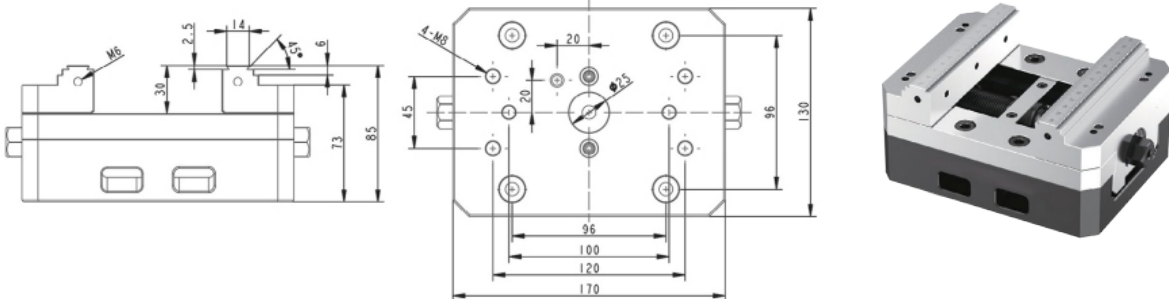
技术参数 | Technical parameters

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

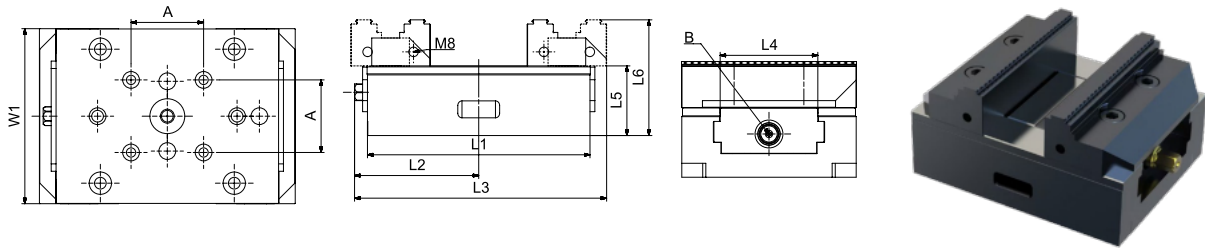
技术参数 | Technical parameters

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，有效防腐，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

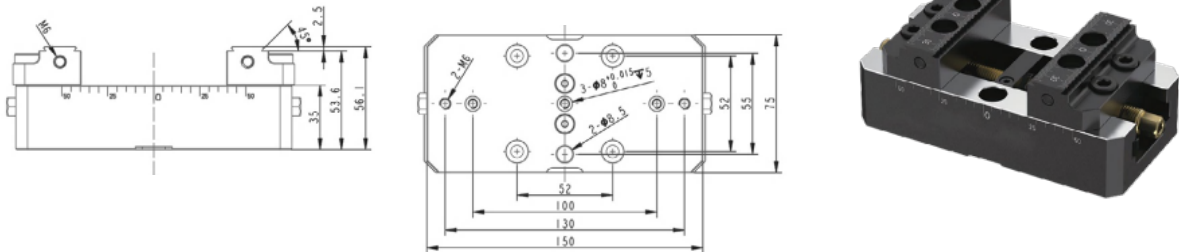
单位 | Unit: mm

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

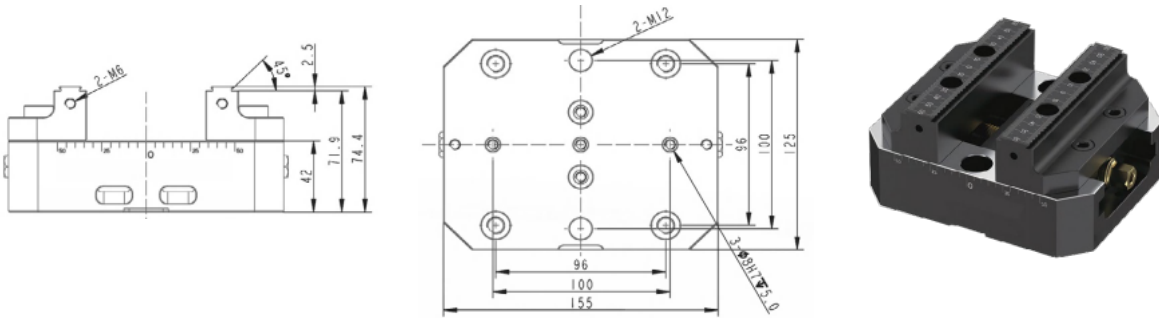
技术参数 | Technical parameters

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

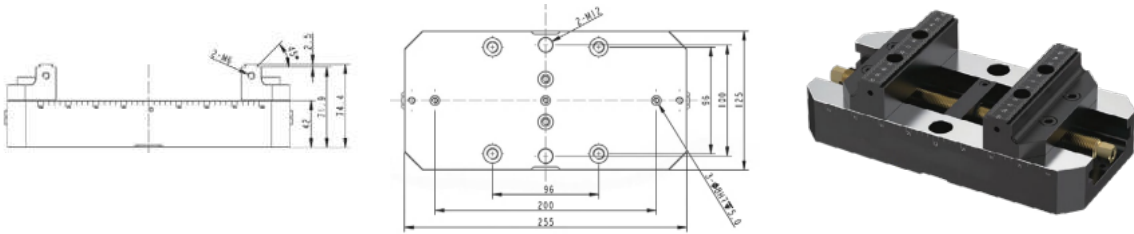
技术参数 | Technical parameters

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

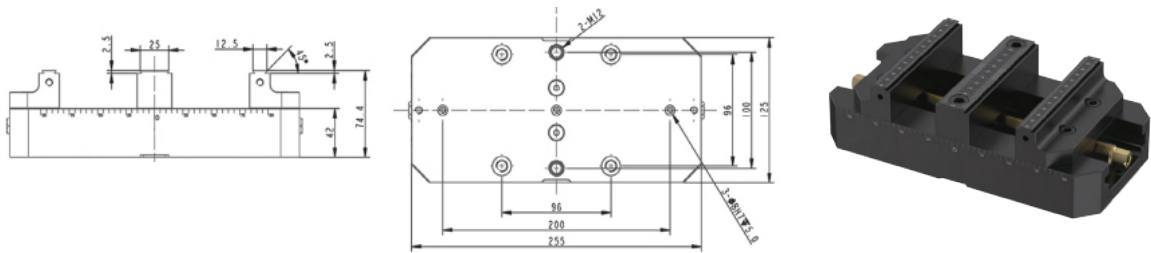
技术参数 | Technical parameters

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

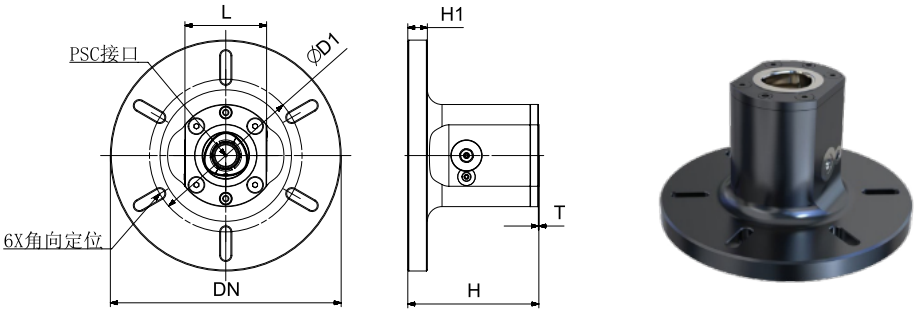
01 产品规格 Type	
BZ500	PSC 零点定位 PSC Zero point

02 接口规格 Interface Type	
PSC63	PSC6 接口 Interface
PSC80	PSC8 接口 Interface

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

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
- 适用于加工中心、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

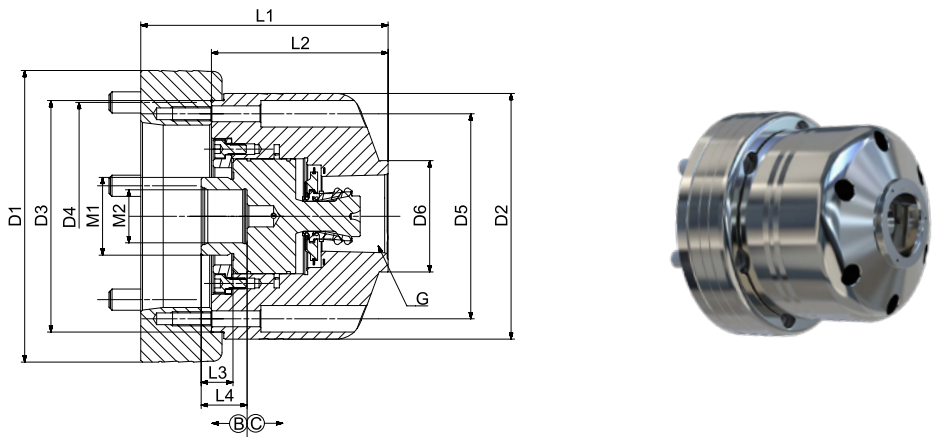
单位 | Unit: mm

订货号 Ordering code	尺寸 Dimension							重量 Weight
	DN	D	D1	H	H1	L	M	
BZ500-PSC63V-134	200	104.5	150	134	20	83.4	4XM8	10.6
BZ500-PSC63V-154				154				11
BZ500-PSC63V-174				174				11.5
BZ500-PSC63V-194				194				12
BZ500-PSC80V-162	200	260	180	162	20	109.5	4XM10	19.7
BZ500-PSC80V-182				182				20.2
BZ500-PSC80V-202				202				21.7
BZ500-PSC80V-222				222				22.3

- 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 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	轴向夹持冲程 Reserve stroke axial [mm]	轴向松开冲程 Release stroke axial [mm]	M1	M2	D1	D2	D3	
	G	B	C						
BZ500-PSC63L-140	PSC63	1.5	2	M44X1.5	M30x1.5	165	139	131	10.8
BZ500-PSC80L-150	PSC80					165	139	131	14

订货号 Ordering code	D4	D5	D6	L1	L2	L3	L4
BZ500-PSC63L-140	LKØ133.4 [6 x M12]	116	63	140	100	18.4	26
BZ500-PSC80L-150	LKØ133.4 [6 x M12]	116	80	150	110	18.4	26

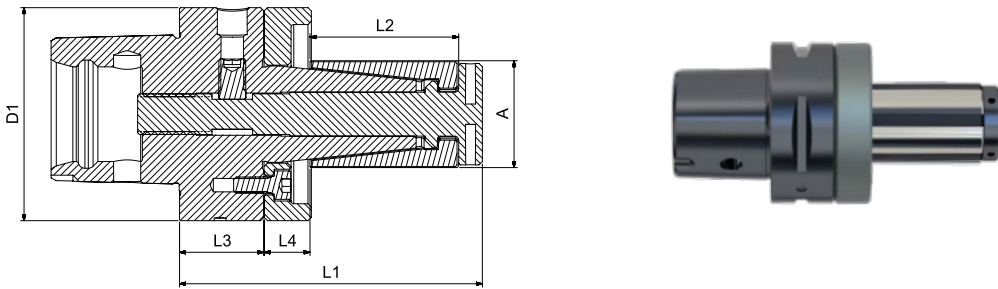
- 可单独订购配件, 按需询价
- 如果您有需要, 请查看样本背面的联系方式, 我们会立刻为您提供专业回答
- The spare parts can be ordered separately. Please inquire on demand
- If you need to, please check the contact information on the back of the sample, we will immediately provide you with a professional answer

> 请参考 | Please refer to



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 cost

> 技术参数 | Technical parameters

单位 | Unit: mm

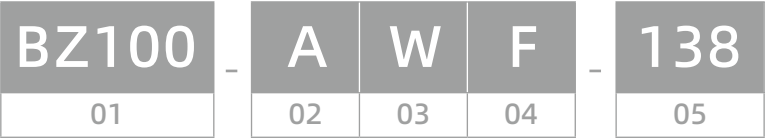
订货号 Ordering code	尺寸 Dimension							重量 Weight
	接口规格 Interface type	A	D1	L1	L2	L3	L4	
	G							
BZ500-PSC63L-01-022032	PSC63	22-32	63	70	26	25	12	1.1
BZ500-PSC63L-02-032045		32-45		90	44		14	1.4
BZ500-PSC80L-03-040065	PSC80	40-65	80	100	50	30	13	2
BZ500-PSC80L-04-060090		60-90		120	60		23	2.5

- 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 immediately provide you with a professional answer

> 命名方式 | Naming And Coding Rules



命名方式 Naming And
Coding Rules



01 产品规格 Type	
BZ100	零点单元 Zero point systems module unit

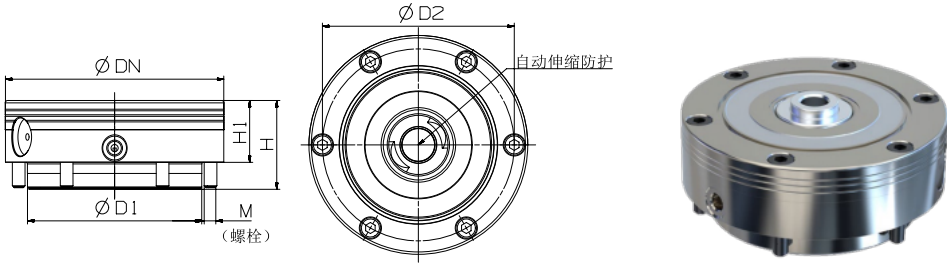
02 动力方式 Power Menthod	
M	手动 Manual
A	气动 Air
H	液压 Hydraulic

03 锁紧结构 Locking Structure	
B	球锁型 Ball
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

舌型零点定位器
Tougue-type Zero-Point Locateor



- 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	尺寸 Dimension						重量 Weight
	DN	D1	D2	H	H1	M	
BZ100-AWF-090	90	/	78	/	13.5	5XM6	0.8
BZ100-AWT-090	90	/	78	/	13.5	5XM6	0.9
BZ100-AWF-138	138	110	121	55.7	39	6XM8	4.5
BZ100-AWT-138	138	110	121	55.7	39	6XM8	4.5

订货号 Ordering code	解锁方式 Locking method	夹紧力 Clamping force	拉紧力 Tightening force	吹屑 Blowing debris
BZ100-AWF-090	气压	5	1.5	√
BZ100-AWF-138	气压	17	55	√

- 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

 定位拉钉 BZ300 Positioning dowel pin BZ300	 定向拉钉 BZ300-B Directional puller pin BZ300-B	 锁紧拉钉 BZ300-C Locking studs BZ300-C
Page 89	Page 90	Page 91

命名方式 Naming And Coding Rules

BZ300		W		A		M10	
01		02		03		04	

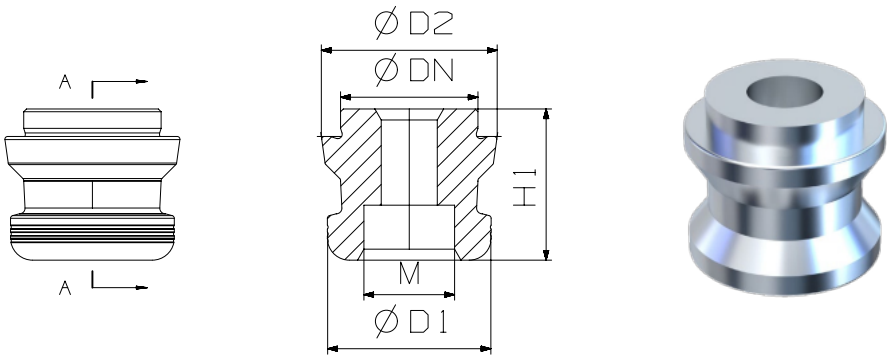
01 产品规格 Type	
BZ300	零点单元 Zero point systems Spannbolzen

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

定位拉钉
Positioning dowel pin



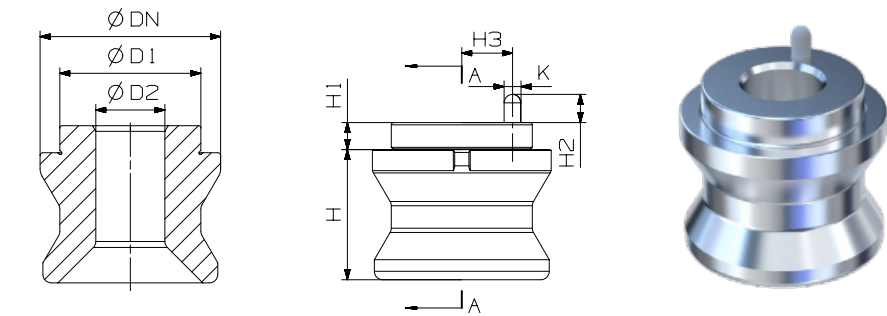
- 精度要求高，表面硬化处理
- 在使用中起到限制 X/Y 方向自由旋转的作用
- High precision requirements, surface hardening treatment
- In use to limit the X/Y direction of free rotation

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	尺寸 Dimension				夹紧力 Holding force	重量 Weight
	DN	D1h6	M	T		
BZ300-WA-M10	40	25	M10	5	35	0.3
BZ300-WA-M12	40	25	M12	5	50	0.3
BZ300-WA-M16	40	25	M16	5	75	0.3

定向拉钉
Directional puller pin



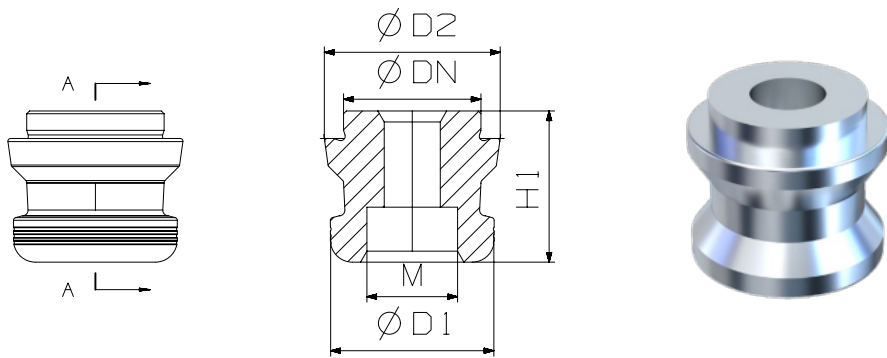
- 表面硬化处理
 - 只限制旋转自由，起到定向作用
 - 导向孔与定位边的角度为 90°
- Surface hardening treatment
 - It only limits the freedom of rotation and plays a directional role
 - The Angle between the guide hole and the positioning edge is 90°

技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	尺寸 Dimension				夹紧力 Holding force	重量 Weight
	DN	D1h6	M	T		
BZ300-WB-M10	40	25	M10	5	35	0.3
BZ300-WB-M12	40	25	M12	5	59	0.3
BZ300-WB-M16	40	25	M16	5	75	0.3

锁紧拉钉
Locking studs



- 表面硬化处理，起到增强拉紧力的作用
 - 保证定位托盘完全定位，避免过定位
- Surface hardening treatment to enhance the role of tension
 - Ensure that the positioning tray is fully positioned to avoid over-positioning

技术参数 | Technical parameters

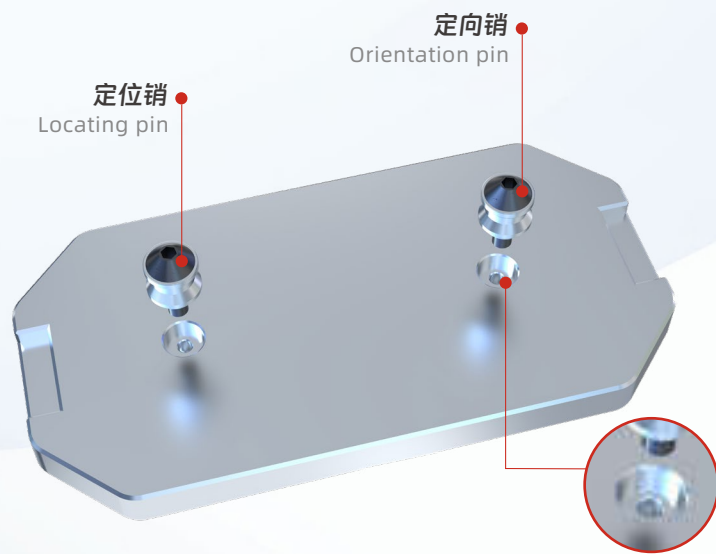
单位 | Unit: mm

订货号 Ordering code	尺寸 Dimension				夹紧力 Holding force	重量 Weight
	DN	D1h6	M	T		
BZ300-WC-M10	40	25	M10	5	35	0.3
BZ300-WC-M12	40	25	M12	5	59	0.3
BZ300-WC-M16	40	25	M16	5	75	0.3

零点定位基础板

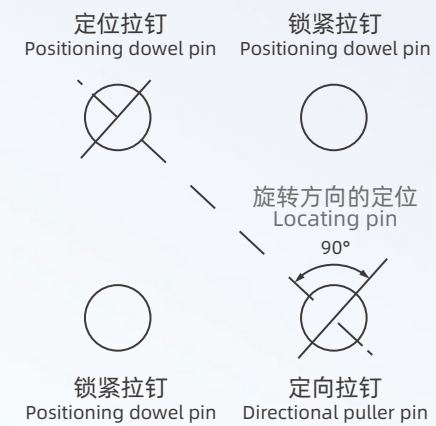
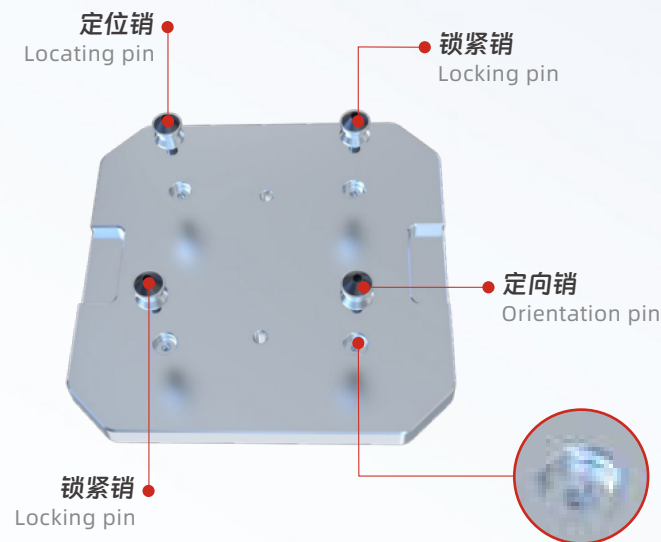
ZERO-POINT POSITIONING BASE PLATE

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

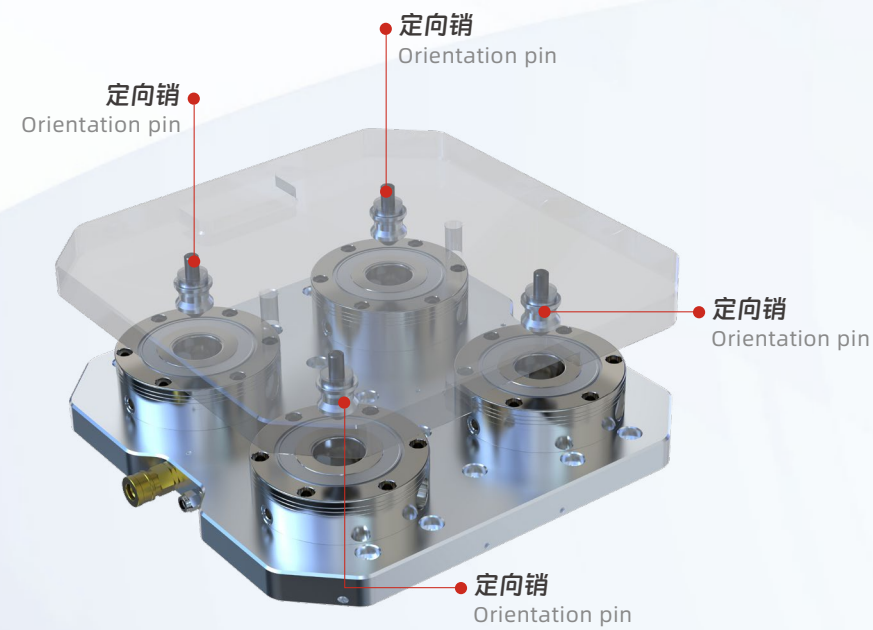
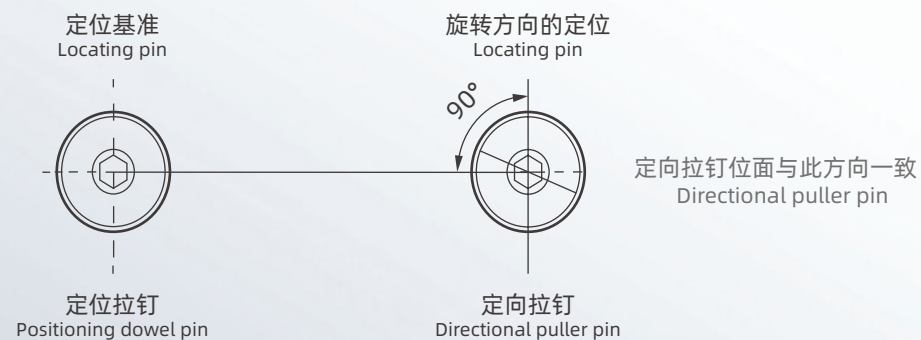


四工位拉钉安装示意图
Four-station pull stud installation diagram

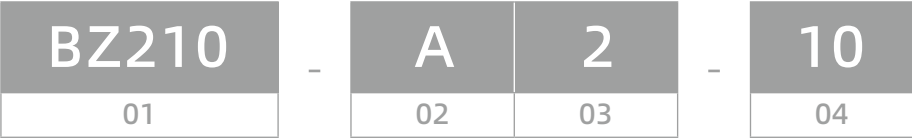
方式一
Method 1



方式二
Method 2



命名方式 Naming And Coding Rules



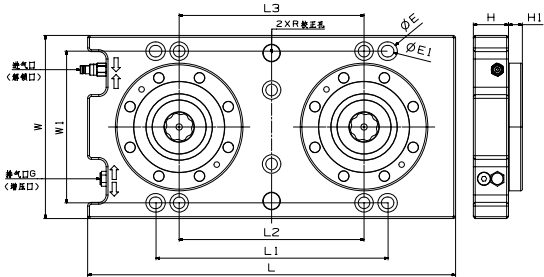
01 产品规格 Type	
BZ210	零点定位基础板 Zero position base plate

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

04 夹紧力 Clamping Force	
10	10KN
20	17KN

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

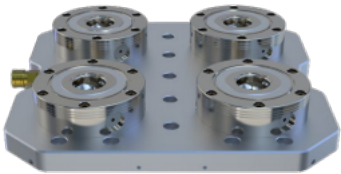
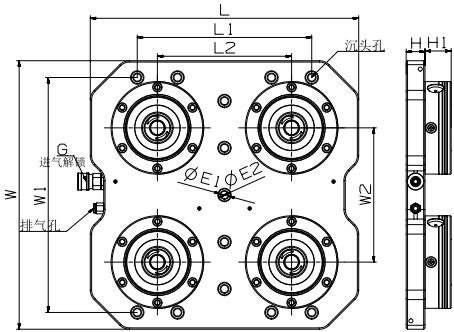
单位 | Unit: mm

订货号 Ordering code	尺寸 Dimension											
	L	W	L1	L2	L3(±0.01)	W1	H	H1	R	E	E1	G
BZ210-A2-10	366	166	250-252	200	200	138	30	10	18	20	12.5	G1/8
BZ210-A2-20	398	198	250-252	200	200	164	38	15	18	20	12.5	G1/4

订货号 Ordering code	解锁方式 Locking method	夹紧力 Clamping force	拉紧力 Tightening force	吹屑 Blowing debris	重量 Weight
BZ210-A2-10	气压	2X10	2X25	√	12.6
BZ210-A2-20	气压	2X17	2X55	√	22.7

- 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

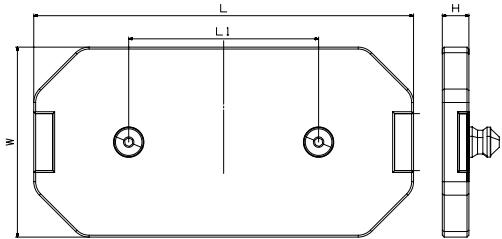
单位 | Unit: mm

订货号 Ordering code	尺寸 Dimension										
	L	W	L1	L2(±0.01)	W1	W2	H	H1	E	E1	G
BZ210-A4-10	366	166	336	200	250-252	200	32	10	20	12.5	G1/8
BZ210-A4-20	398	198	364	200	250-252	200	38	15	20	12.5	G1/4

订货号 Ordering code	解锁方式 Locking method	夹紧力 Clamping force	拉紧力 Tightening force	吹屑 Blowing debris	重量 Weight
BZ210-A4-10	气压	4X10	4X25	√	28.7
BZ210-A4-20	气压	4X17	4X55	√	46

- 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

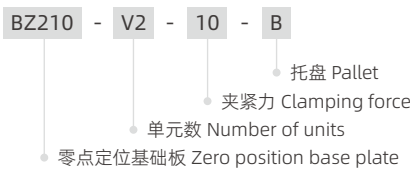
技术参数 | Technical parameters

单位 | Unit: mm

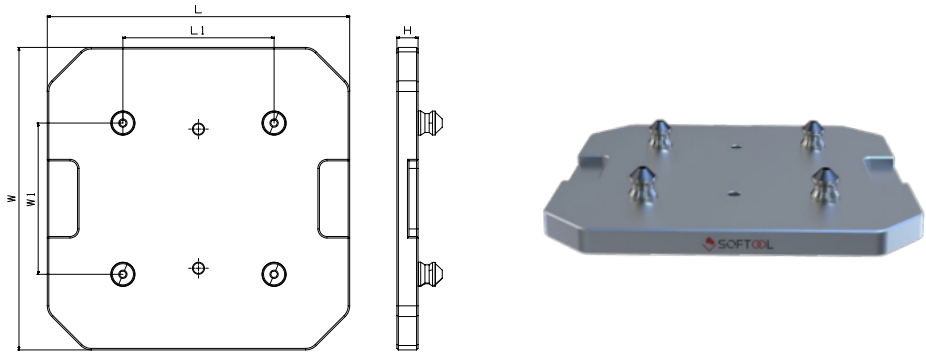
订货号 Ordering code	尺寸 Dimension				重量 Weight
	L	W	L1	H	
BZ210-V2-10-B	366	166	200	28	16.67
BZ210-V2-20-B	398	198	200	28	16.67

- 如需非标定制，请查看样本后面的联系方式
- If you need non-standard customization, please check the contact information behind the sample
- 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



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

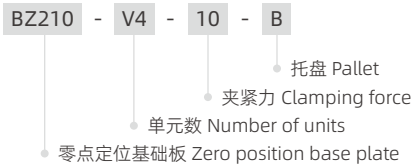
技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	尺寸 Dimension				重量 Weight
	L	W	L1	H	
BZ210-V4-10-B	366	166	200	28	34
BZ210-V4-20-B	398	198	200	28	34
BZ210-V4-40-B	366	166	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



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

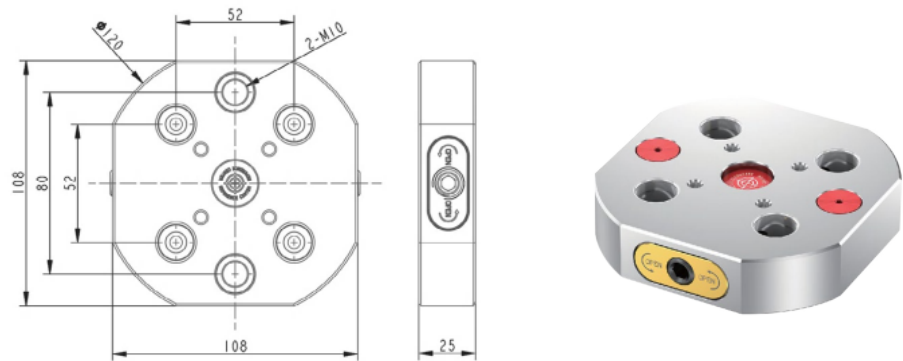
02 动力方式 Power Menthod	
M	手动 Manual
A	气动 Air
H	液压 Hydraulic

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



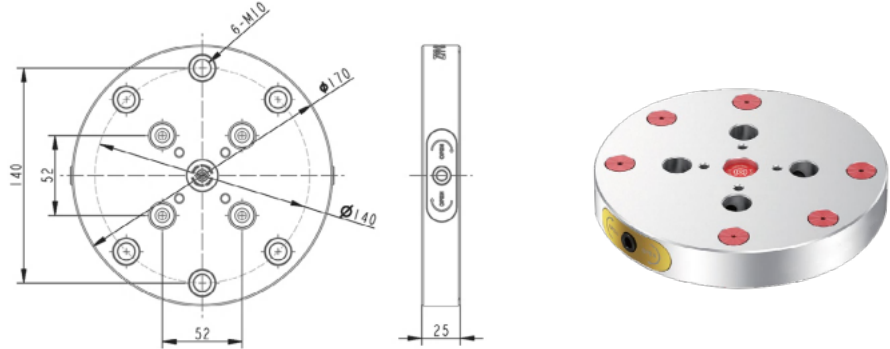
- 材质：硬化不锈钢
 - 手动夹紧、解锁，操作简单，无需额外动力源
 - 表面硬化处理，耐磨性高
- Material: Hardened stainless steel
 - Manual clamping and unlocking, simple operation, no need for additional power source
 - Surface hardening treatment, high wear resistance

技术参数 | Technical parameters

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



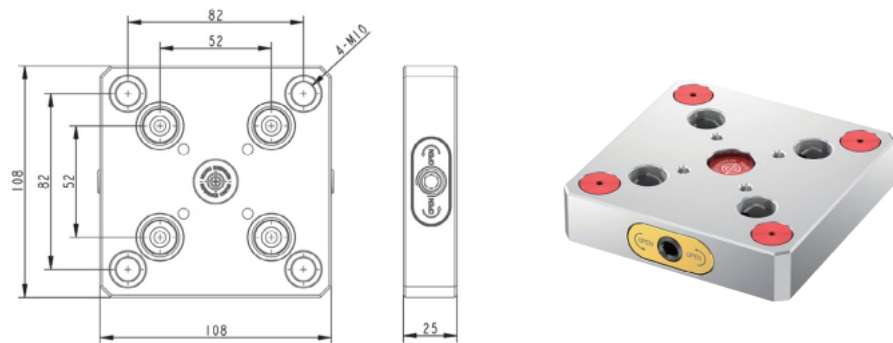
- 材质：硬化不锈钢
 - 手动夹紧、解锁，操作简单，无需额外动力源
 - 表面硬化处理，耐磨性高
- Material: Hardened stainless steel
 - Manual clamping and unlocking, simple operation, no need for additional power source
 - Surface hardening treatment, high wear resistance

技术参数 | Technical parameters

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

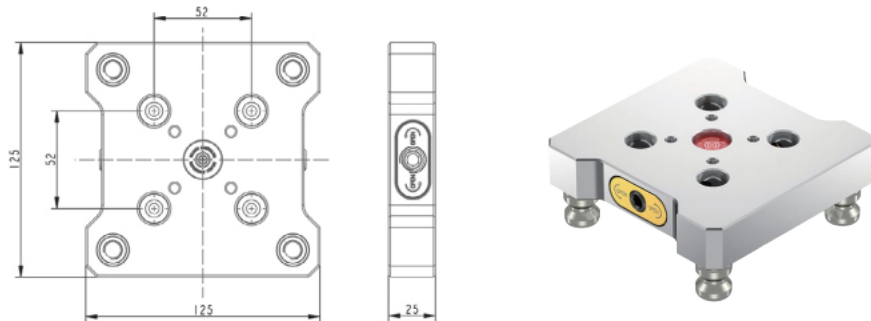
技术参数 | Technical parameters

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

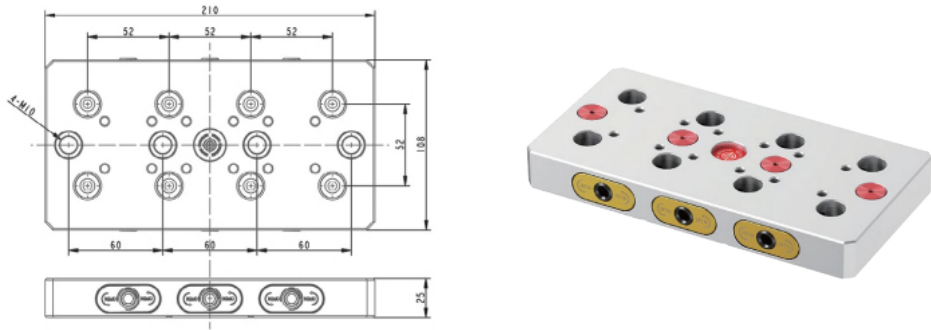
技术参数 | Technical parameters

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



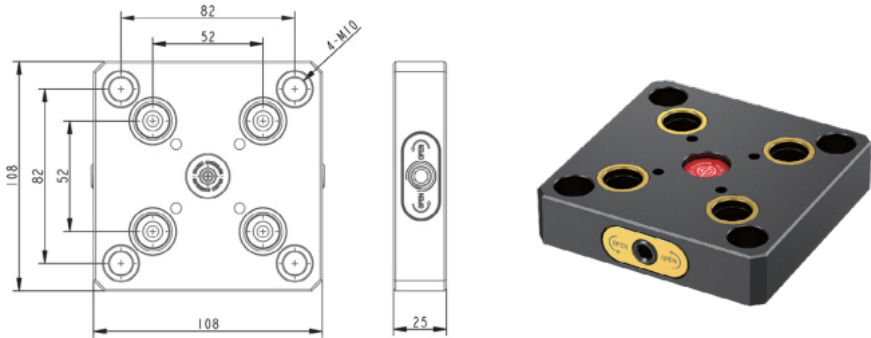
- 材质：硬化不锈钢
 - 手动夹紧、解锁，操作简单，无需额外动力源
 - 表面硬化处理，耐磨性高
- Material: Hardened stainless steel
 - Manual clamping and unlocking, simple operation, no need for additional power source
 - Surface hardening treatment, high wear resistance

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



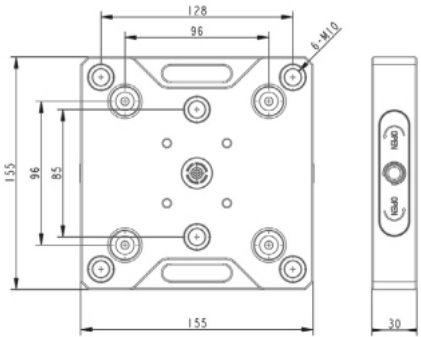
- 材质：硬化不锈钢
 - 手动夹紧、解锁，操作简单，无需额外动力源
 - 表面硬化处理，耐磨性高
- Material: Hardened stainless steel
 - Manual clamping and unlocking, simple operation, no need for additional power source
 - Surface hardening treatment, high wear resistance

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

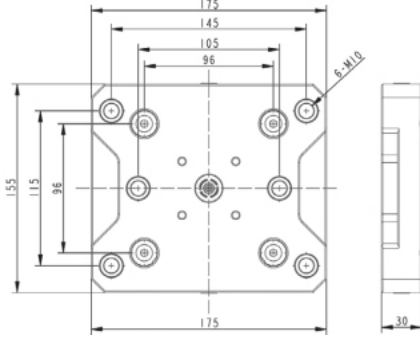
技术参数 | Technical parameters

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

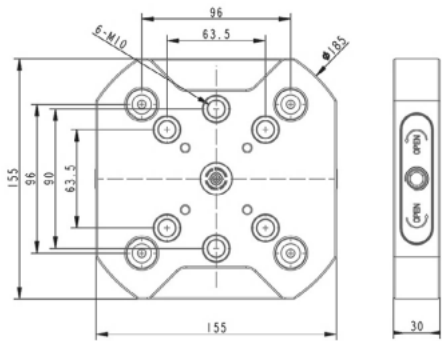
技术参数 | Technical parameters

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



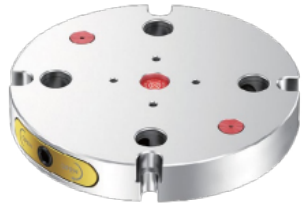
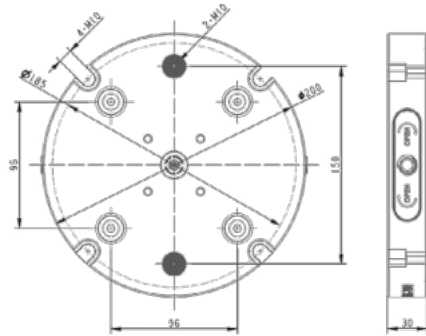
- 材质：硬化不锈钢
 - 手动夹紧、解锁，操作简单，无需额外动力源
 - 表面硬化处理，耐磨性高
- Material: Hardened stainless steel
 - Manual clamping and unlocking, simple operation, no need for additional power source
 - Surface hardening treatment, high wear resistance

技术参数 | Technical parameters 单位 | Unit: mm

订货号 Ordering code	锁紧力 Locking force	螺栓 Bolt	重量 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



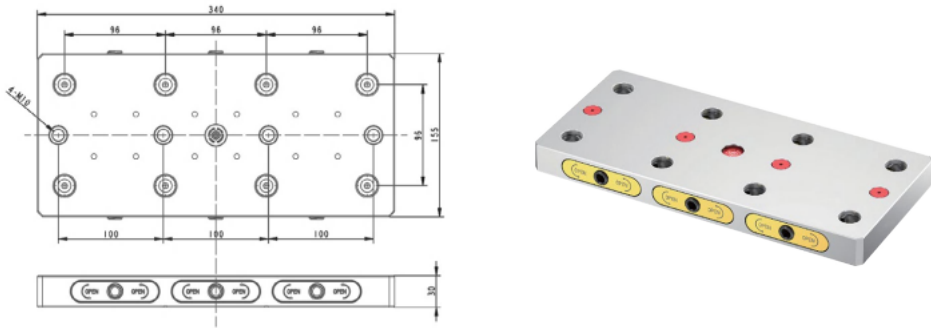
- 材质：硬化不锈钢
 - 手动夹紧、解锁，操作简单，无需额外动力源
 - 表面硬化处理，耐磨性高
- Material: Hardened stainless steel
 - Manual clamping and unlocking, simple operation, no need for additional power source
 - Surface hardening treatment, high wear resistance

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-96-200	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

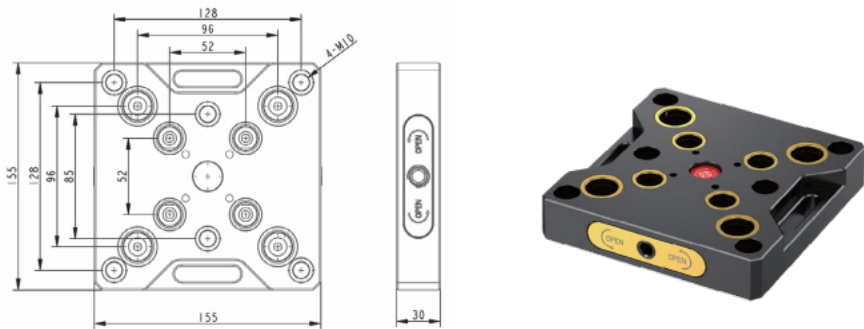
技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	锁紧力 Locking force	螺栓 Bolt	重量 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

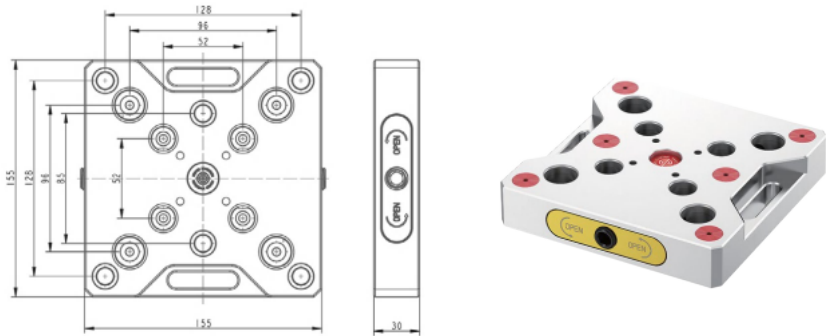
技术参数 | Technical parameters

单位 | Unit: mm

订货号 Ordering code	锁紧力 Locking force	螺栓 Bolt	重量 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



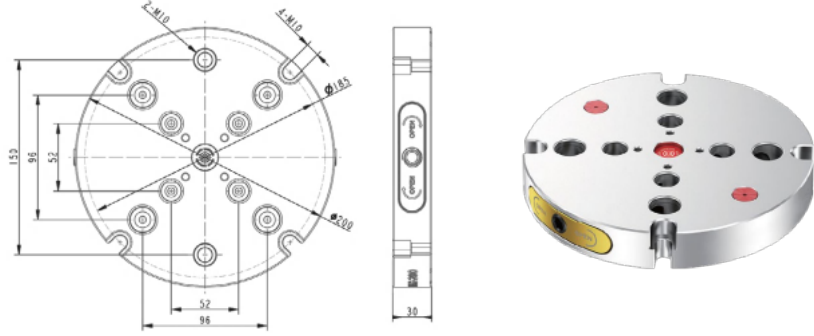
- 材质：硬化不锈钢
 - 手动夹紧、解锁，操作简单，无需额外动力源
 - 表面硬化处理，耐磨性高
- Material: Hardened stainless steel
 - Manual clamping and unlocking, simple operation, no need for additional power source
 - Surface hardening treatment, high wear resistance

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



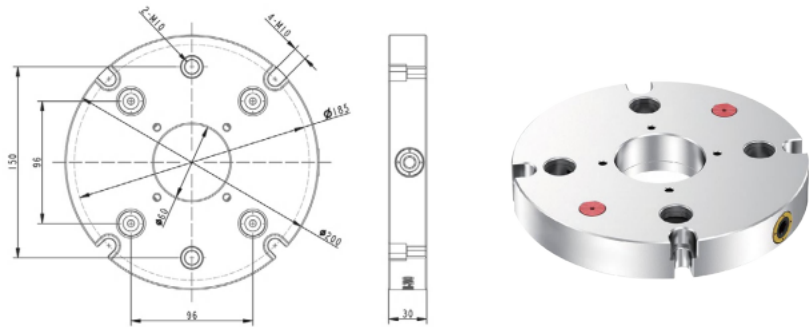
- 材质：硬化不锈钢
 - 手动夹紧、解锁，操作简单，无需额外动力源
 - 表面硬化处理，耐磨性高
- Material: Hardened stainless steel
 - Manual clamping and unlocking, simple operation, no need for additional power source
 - Surface hardening treatment, high wear resistance

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



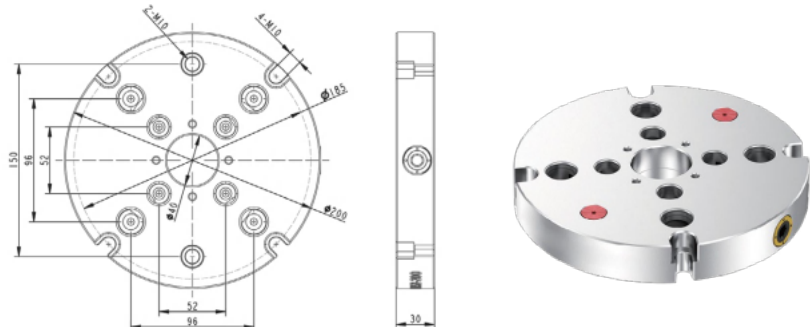
- 材质：硬化不锈钢
 - 手动夹紧、解锁，操作简单，无需额外动力源
 - 表面硬化处理，耐磨性高
- Material: Hardened stainless steel
 - Manual clamping and unlocking, simple operation, no need for additional power source
 - Surface hardening treatment, high wear resistance

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

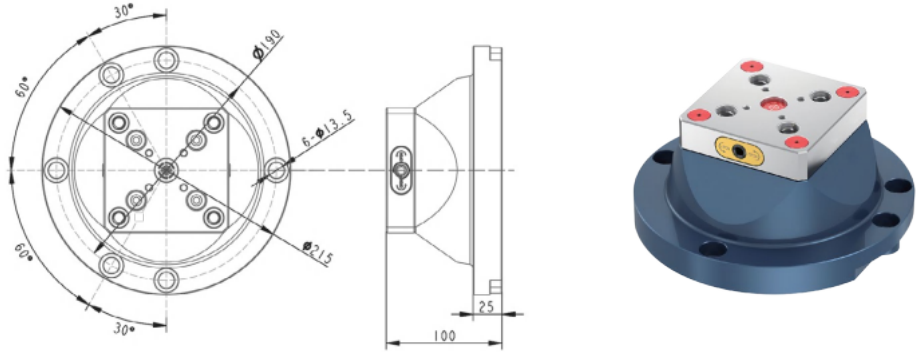
04 快换板个数 Number of quick change plate	
1	1 个 One
2	2 个 Two

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

06 高度 / 长度 Heigh / Length	
100	高度 100mm Heigh 100mm
120	高度 120mm Heigh 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

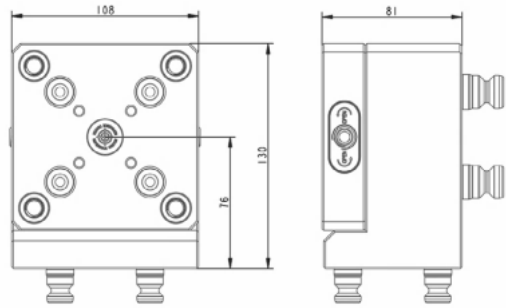
技术参数 | Technical parameters

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



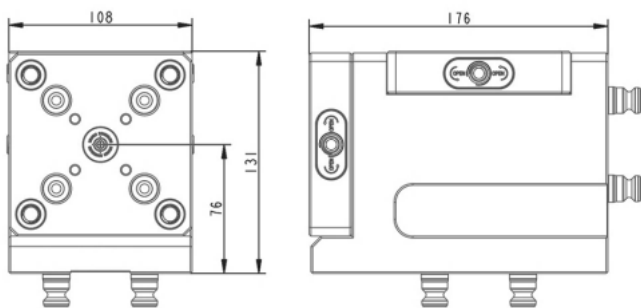
- 材质：铝 + 硬化不锈钢
 - 手动夹紧、解锁操作简单，无需额外动力源
 - 表面硬化处理，耐磨性高
- Material: Aluminum + hardened stainless steel
 - Manual clamping and unlocking, simple operation, no need for additional power source
 - Surface hardening treatment, high wear resistance

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



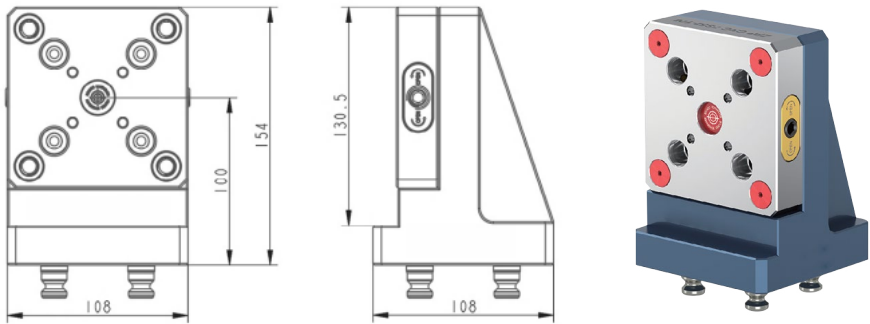
- 材质：铝 + 硬化不锈钢
 - 手动夹紧、解锁操作简单，无需额外动力源
 - 表面硬化处理，耐磨性高
- Material: Aluminum + hardened stainless steel
 - Manual clamping and unlocking, simple operation, no need for additional power source
 - Surface hardening treatment, high wear resistance

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



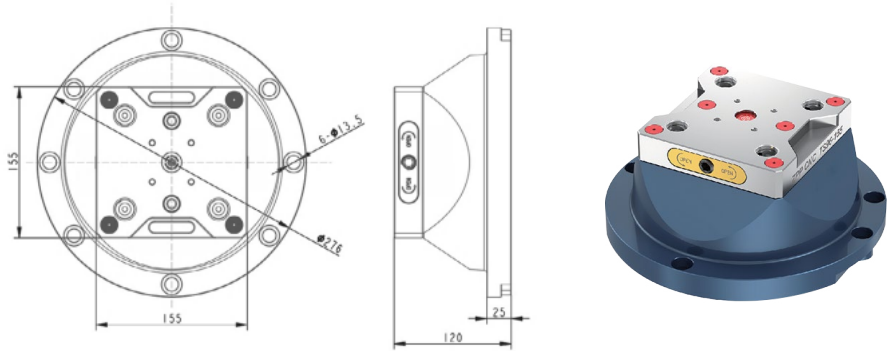
- 材质：铝 + 硬化不锈钢
 - 手动夹紧、解锁操作简单，无需额外动力源
 - 表面硬化处理，耐磨性高
- Material: Aluminum + hardened stainless steel
 - Manual clamping and unlocking, simple operation, no need for additional power source
 - Surface hardening treatment, high wear resistance

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



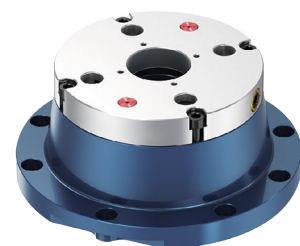
- 材质：铝 + 硬化不锈钢
 - 手动夹紧、解锁操作简单，无需额外动力源
 - 表面硬化处理，耐磨性高
- Material: Aluminum + hardened stainless steel
 - Manual clamping and unlocking, simple operation, no need for additional power source
 - Surface hardening treatment, high wear resistance

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

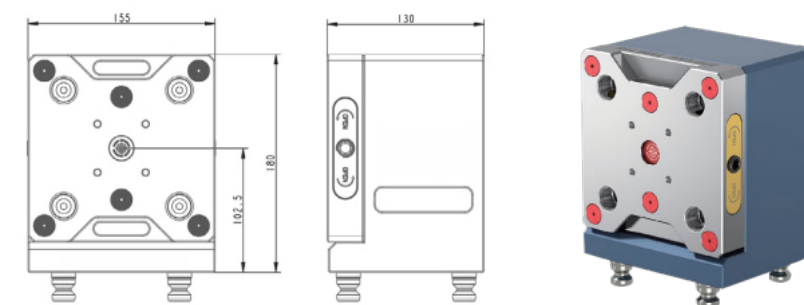


- 材质: 铝 + 硬化不锈钢
 - 手动夹紧、解锁操作简单, 无需额外动力源
 - 表面硬化处理, 耐磨性高

單位 | 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



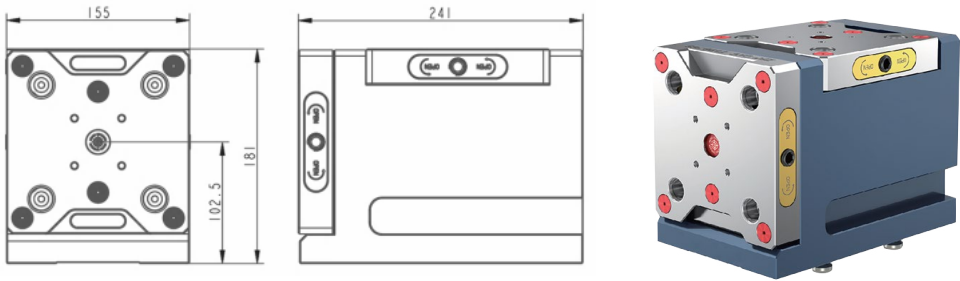
- 材质: 铝 + 硬化不锈钢
 - 手动夹紧、解锁操作简单, 无需额外动力源
 - 表面硬化处理, 耐磨性高
 - Material: Aluminum + hardened stainless steel
 - Manual clamping and unlocking, simple operation, no need for additional power source
 - Surface hardening treatment, high wear resistance

單位 | 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



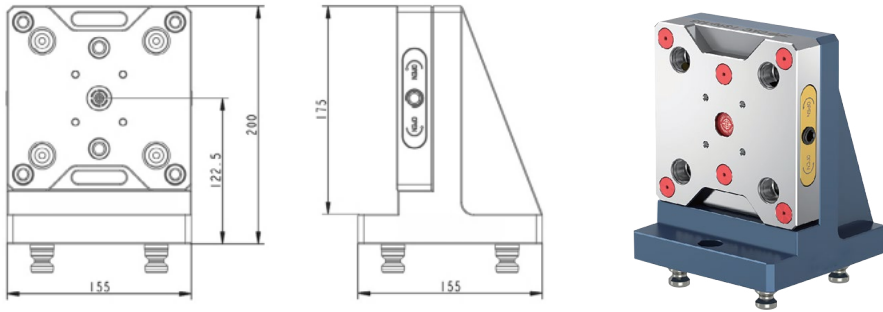
- 材质：铝 + 硬化不锈钢
 - 手动夹紧、解锁操作简单，无需额外动力源
 - 表面硬化处理，耐磨性高
- Material: Aluminum + hardened stainless steel
 - Manual clamping and unlocking, simple operation, no need for additional power source
 - Surface hardening treatment, high wear resistance

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



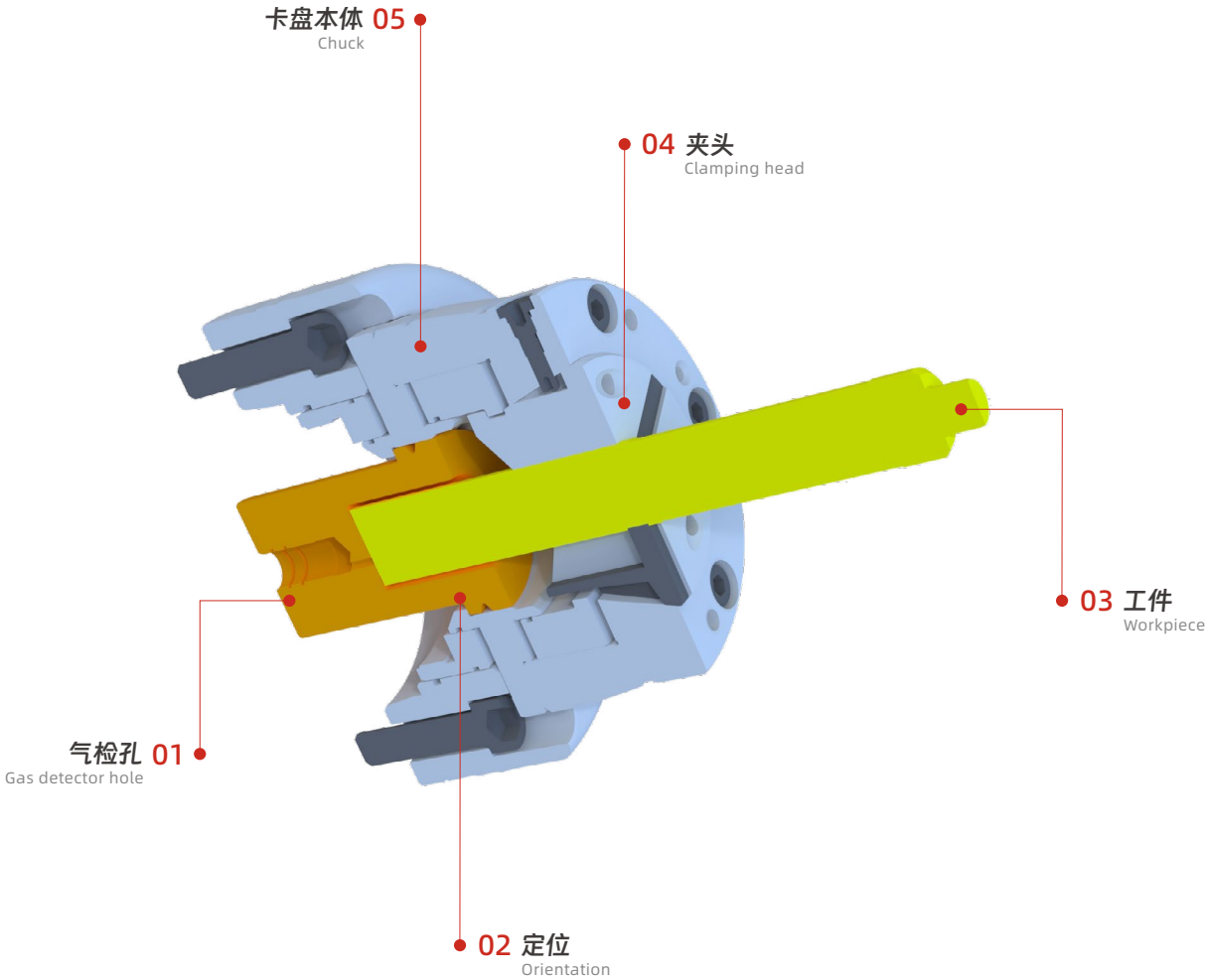
- 材质：铝 + 硬化不锈钢
 - 手动夹紧、解锁操作简单，无需额外动力源
 - 表面硬化处理，耐磨性高
- Material: Aluminum + hardened stainless steel
 - Manual clamping and unlocking, simple operation, no need for additional power source
 - Surface hardening treatment, high wear resistance

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

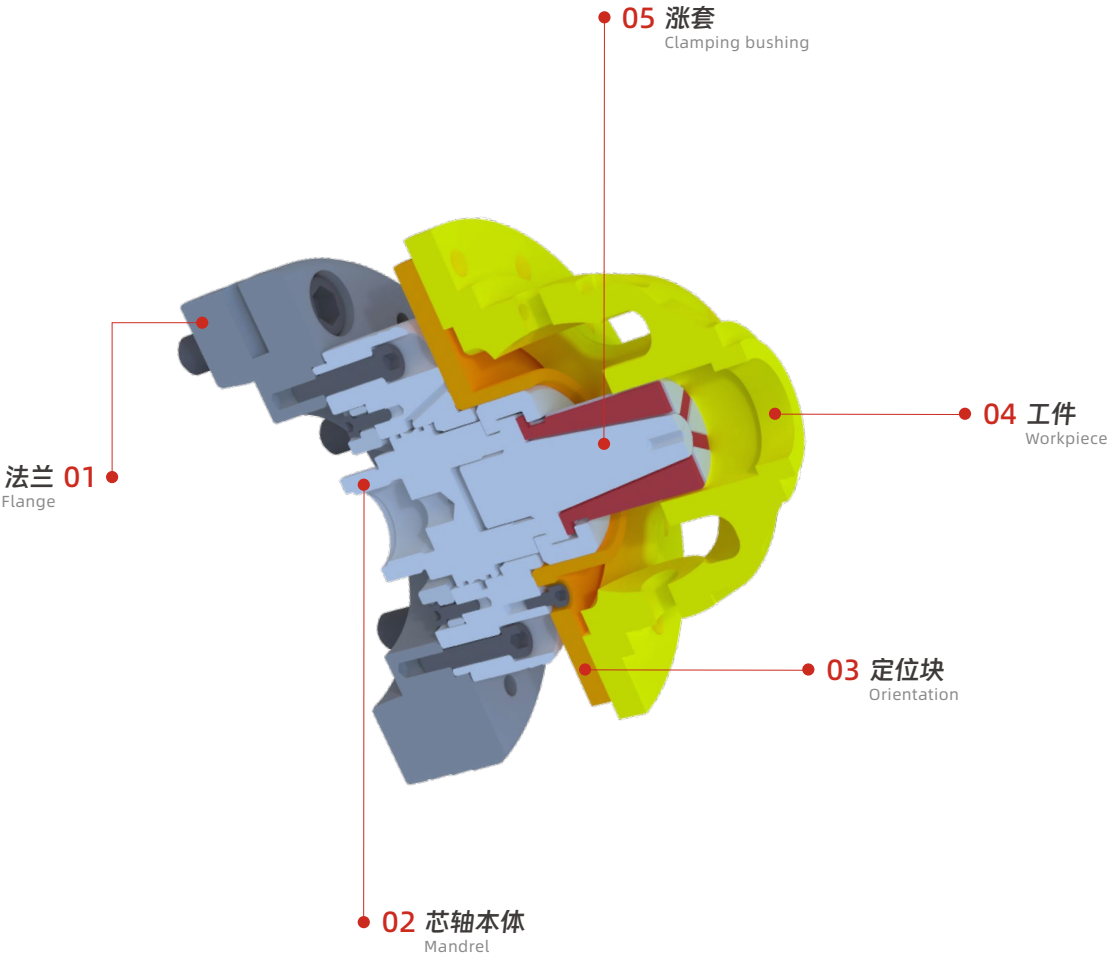
卡盘成功案例
Chuck success cases



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

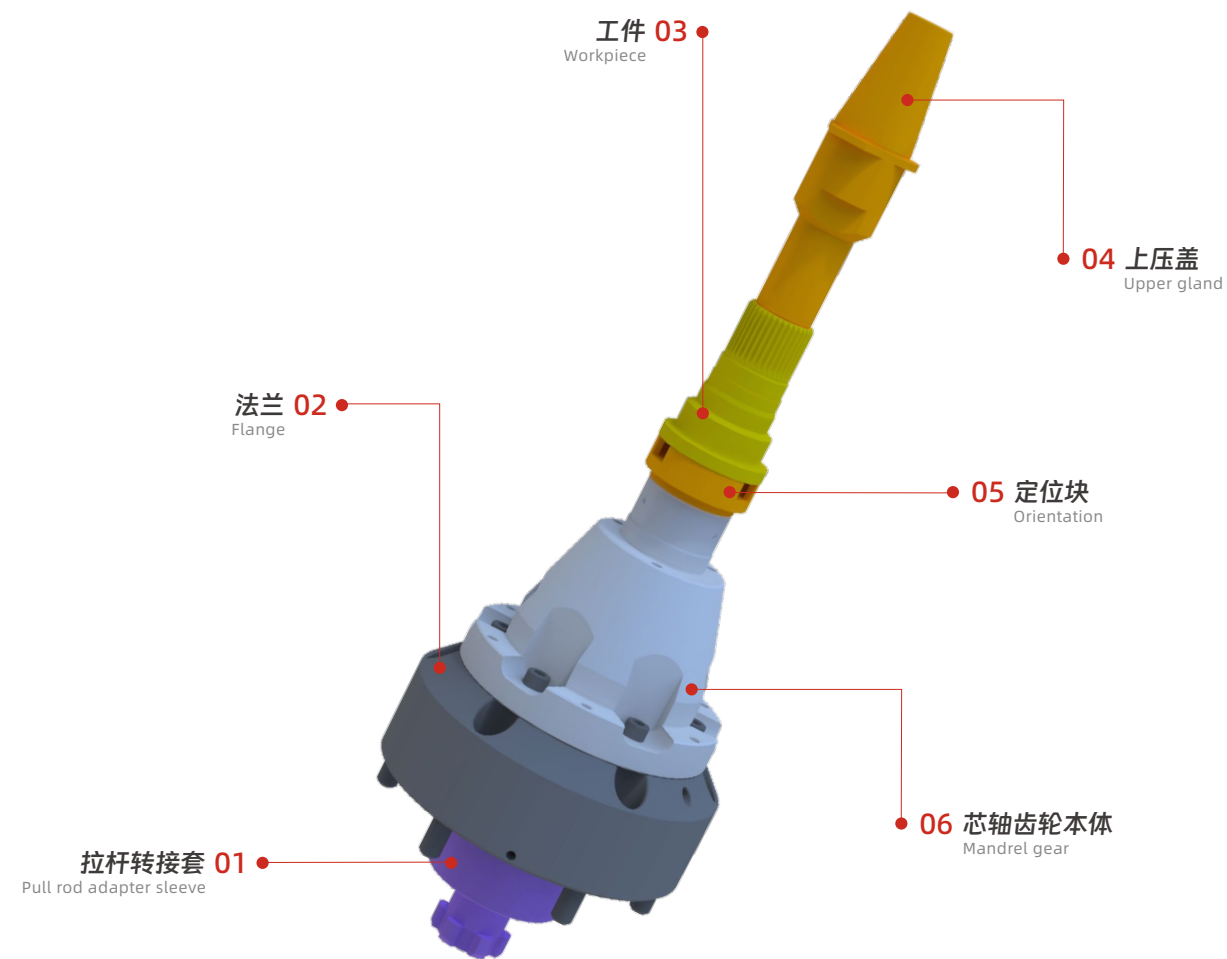


车床加工
Lathe machining

- 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: 反胀工件, 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 $\leq 0.005\text{mm}$; 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 $< 0.005\text{mm}$; Gear hobbing accuracy up to 4 levels

虎钳成功案例

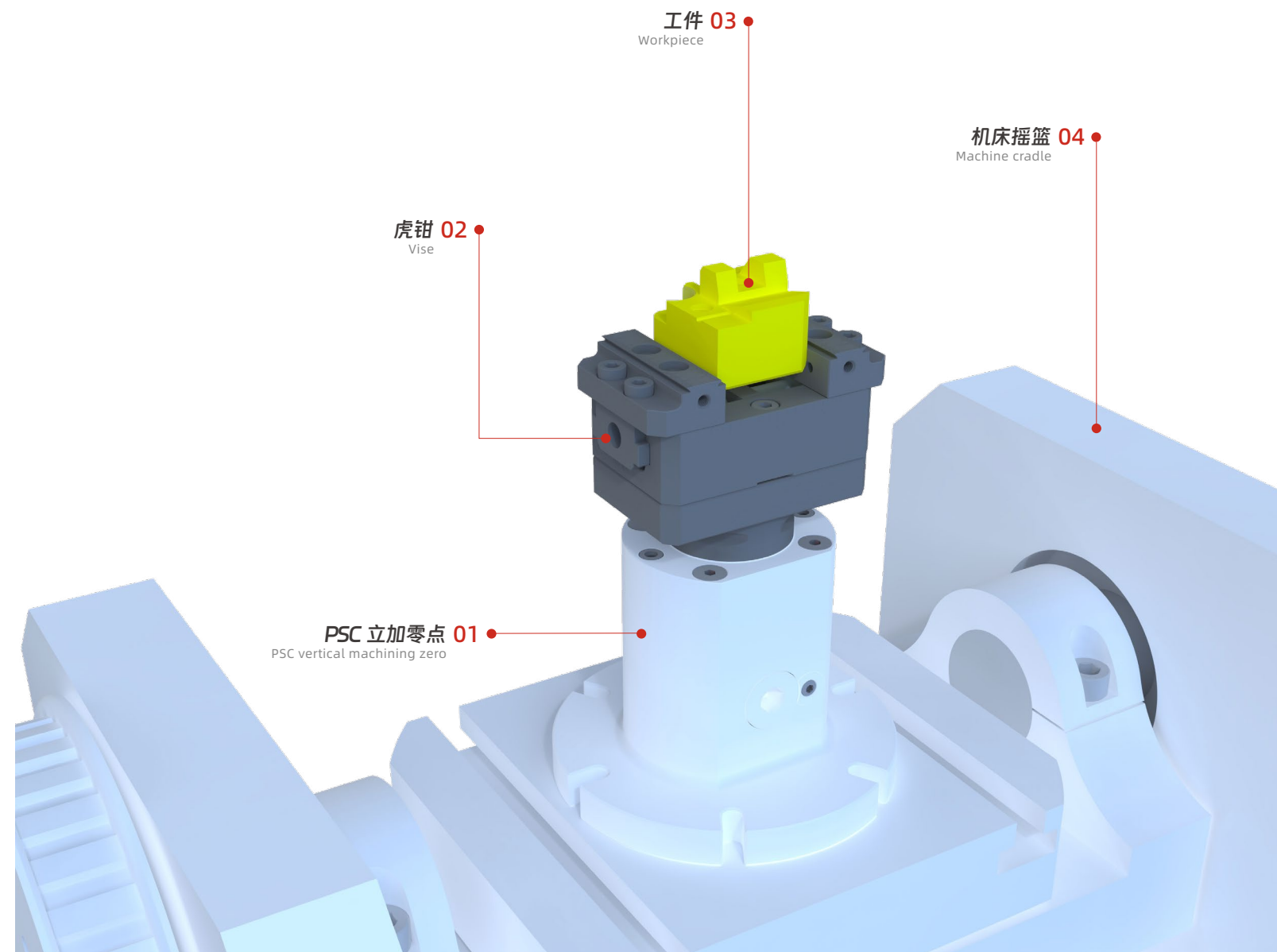
Vise success cases

五轴加工

Five axes machining

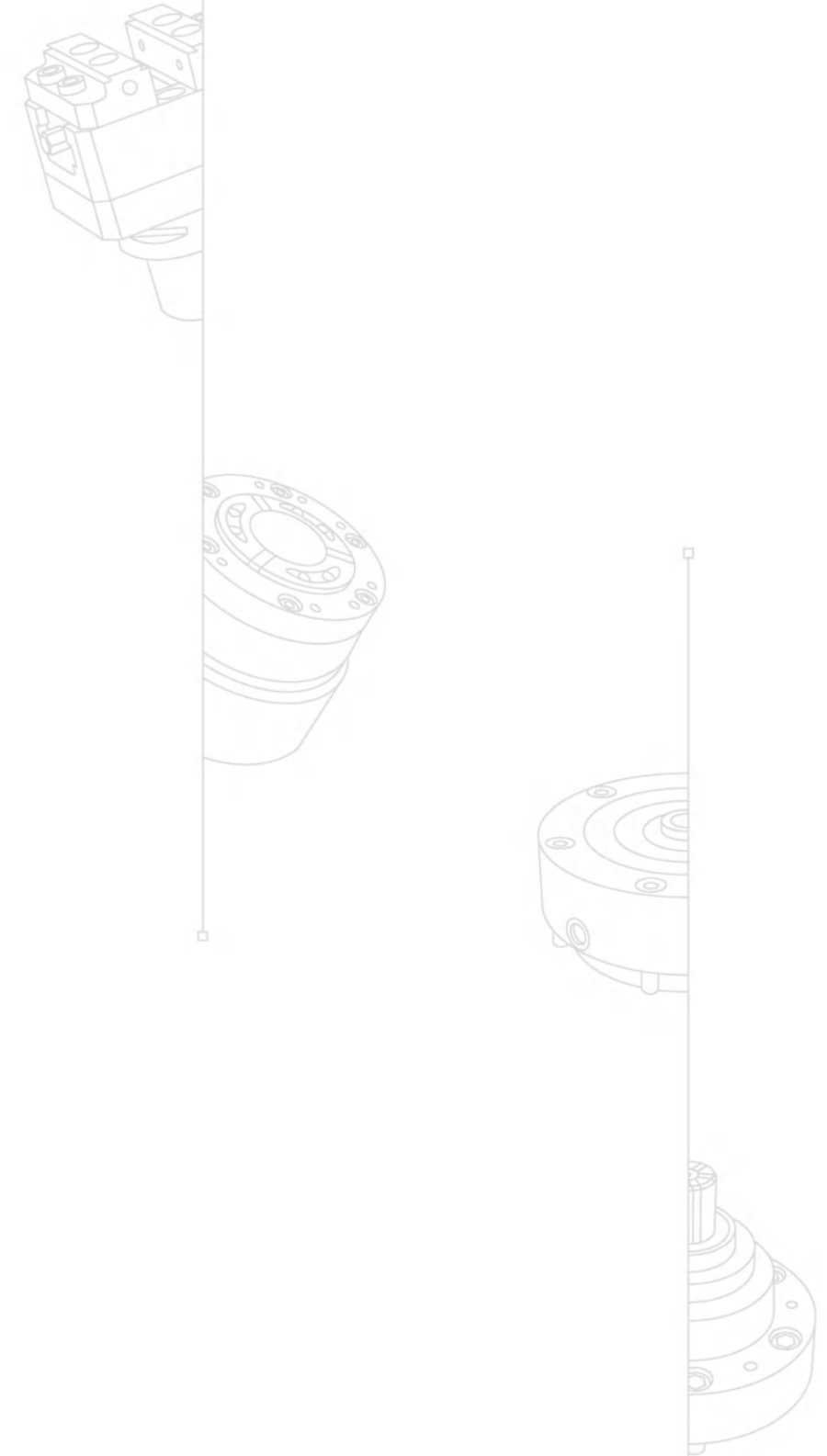
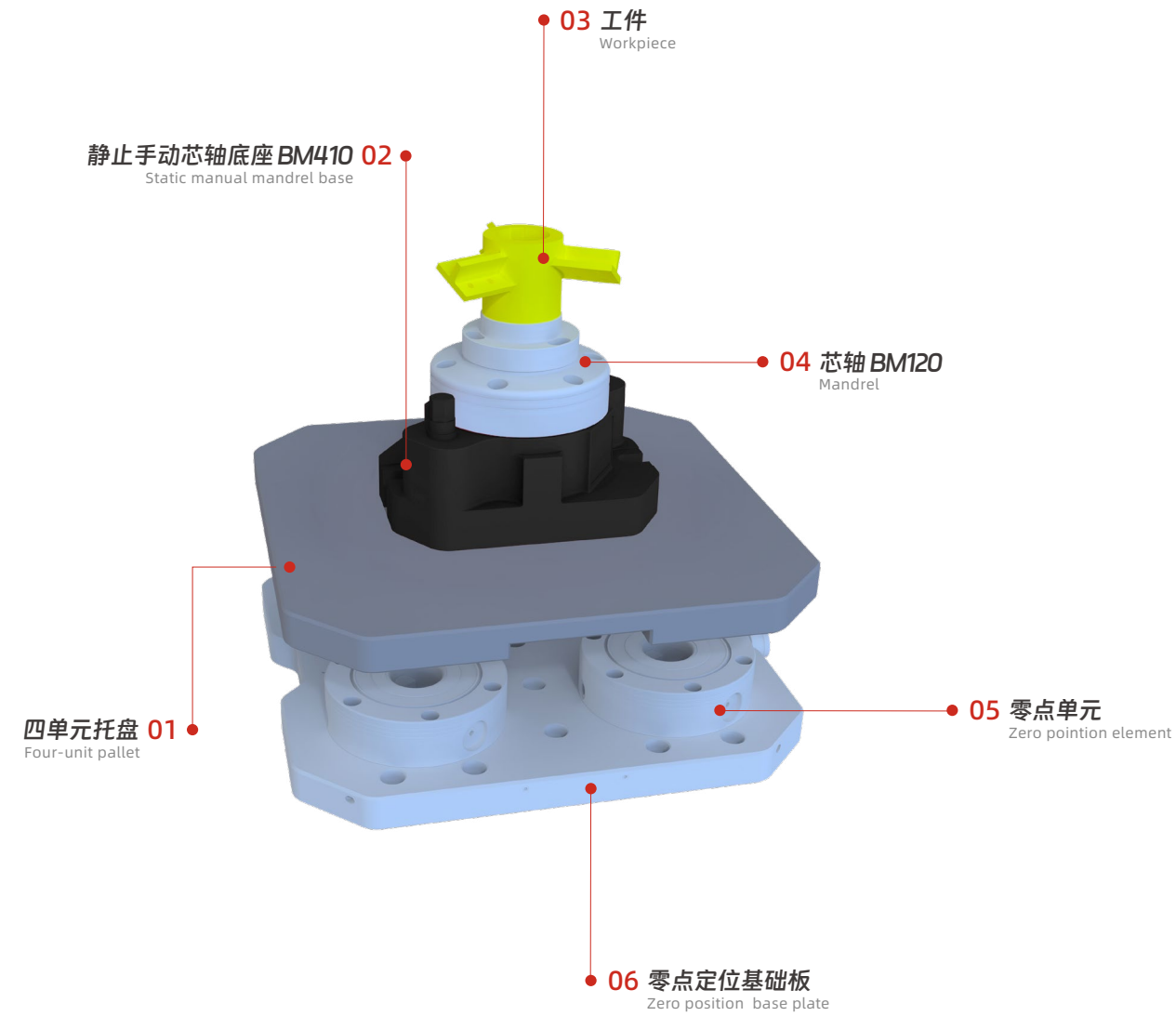
- 机床: 五轴哈默
- 工件: 非标刀夹
- 加工方式: 精铣刀片槽, 攻螺纹
- 驱动方式: 手动锁紧
- 特点: 重复定位精度 0.002mm

- 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 freedom

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