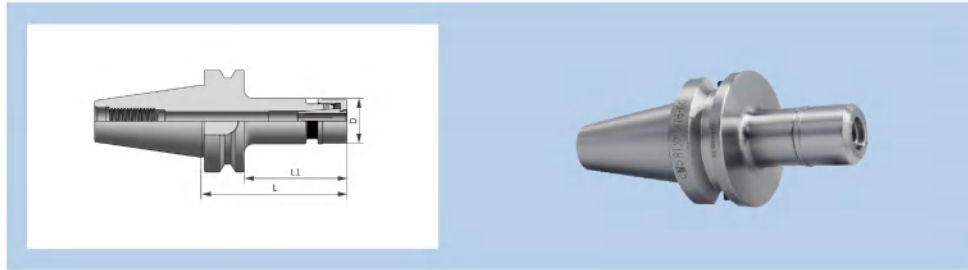


**产品特点**

- 本体精度:  $\leq 0.002\text{mm}$
- SK筒夹锥度 $4^\circ$ , 增加夹持力、提供稳定性
- 动平衡: G2.5 30000rpm

**Features**

- Radial Runout Accuracy:  $\leq 0.002\text{ mm}$
- SK collet with  $4^\circ$  taper: Enhances clamping force and ensures stability
- Dynamic balance: G2.5 at 30000 rpm



**技术参数 | Technical data**

规格 Spec.	D [mm]	L [mm]	L1 [mm]	筒夹 [collet]	螺帽 [nut]	扳手 [wrench]	
BT30	-SK6-40	19.5	40	18	SK6	SK6-P/ SK6-HS	SK6-W/ W-HS
	-SK6-60	19.5	60	38	SK6	SK6-P/ SK6-HS	SK6-W/ W-HS
	-SK6-75	19.5	75	53	SK6	SK6-P/ SK6-HS	SK6-W/ W-HS
	-SK6-90	19.5	90	68	SK6	SK6-P/ SK6-HS	SK6-W/ W-HS
	-SK10-40	27	40	18	SK10	SK10-P/ SK10-HS	SK10-W/ W-HS
	-SK10-60	27	60	38	SK10	SK10-P/ SK10-HS	SK10-W/ W-HS
	-SK10-90	27	90	68	SK10	SK10-P/ SK10-HS	SK10-W/ W-HS
	-SK10-120	27	120	98	SK10	SK10-P/ SK10-HS	SK10-W/ W-HS
	-SK13-60	34/35	60	38	SK13	SK13-P/SK13-HS	SK13-W/W-HS
	-SK13-75	34/35	75	53	SK13	SK13-P/SK13-HS	SK13-W/W-HS
	-SK13-80	34/35	80	58	SK13	SK13-P/SK13-HS	SK13-W/W-HS
	-SK13-90	34/35	90	68	SK13	SK13-P/SK13-HS	SK13-W/W-HS
	-SK16-60	40	60	38	SK16	SK16-P/ SK16-HS	SK16-W/ W-HS
	-SK16-90	40	90	68	SK16	SK16-P/ SK16-HS	SK16-W/ W-HS
	-SK20-60	48	60	38	SK20	SK20-P/ SK20-HS	SK20-W/ W-HS
	-SK20-90	48	90	68	SK20	SK20-P/ SK20-HS	SK20-W/ W-HS
-SK25-90	54	90	68	SK25	SK25-P	SK25-W	
BT40	-SK6-90	19.5	90	63	SK6	SK6-P/ SK6-HS	SK6-W/ W-HS
	-SK6-120	19.5	120	93	SK6	SK6-P/ SK6-HS	SK6-W/ W-HS
	-SK10-60	27	60	33	SK10	SK10-P/ SK10-HS	SK10-W/ W-HS
	-SK10-90	27	90	63	SK10	SK10-P/ SK10-HS	SK10-W/ W-HS
	-SK10-100	27	100	73	SK10	SK10-P/ SK10-HS	SK10-W/ W-HS
	-SK10-120	27	120	93	SK10	SK10-P/ SK10-HS	SK10-W/ W-HS
	-SK10-150	27	150	123	SK10	SK10-P/ SK10-HS	SK10-W/ W-HS
	-SK10-200	27	200	173	SK10	SK10-P/ SK10-HS	SK10-W/ W-HS
	-SK13-90	34	90	63	SK13	SK13-P	SK13-W
	-SK16-60	40	60	33	SK16	SK16-P/ SK16-HS	SK16-W/ W-HS
	-SK16-90	40	90	63	SK16	SK16-P/ SK16-HS	SK16-W/ W-HS

规格 Spec.	D [mm]	L [mm]	L1 [mm]	筒夹 [collet]	螺帽 [nut]	扳手 [wrench]	
BT40	-SK16-120	40	120	93	SK16	SK16-P/ SK16-HS	SK16-W/ W-HS
	-SK16-150	40	150	123	SK16	SK16-P/ SK16-HS	SK16-W/ W-HS
	-SK16-200	40	200	173	SK16	SK16-P/ SK16-HS	SK16-W/ W-HS
	-SK20-60	48	60	33	SK20	SK20-P/ SK20-HS	SK20-W/ W-HS
	-SK20-90	48	90	63	SK20	SK20-P/ SK20-HS	SK20-W/ W-HS
	-SK25-90	48	90	63	SK25	SK25-P	SK25-W
-SK25-120	48	120	93	SK25	SK25-P	SK25-W	
BT50	-SK6-90	19.5	90	52	SK6	SK6-P/ SK6-HS	SK6-W/ W-HS
	-SK6-120	19.5	120	82	SK6	SK6-P/ SK6-HS	SK6-W/ W-HS
	-SK10-105	27	105	67	SK10	SK10-P/ SK10-HS	SK10-W/ W-HS
	-SK10-150	27	150	112	SK10	SK10-P/ SK10-HS	SK10-W/ W-HS
	-SK16-105	40	105	67	SK16	SK16-P/ SK16-HS	SK16-W/ W-HS
	-SK16-135	40	135	97	SK16	SK16-P/ SK16-HS	SK16-W/ W-HS
	-SK16-150	40	150	112	SK16	SK16-P/ SK16-HS	SK16-W/ W-HS
	-SK16-165	40	165	127	SK16	SK16-P/ SK16-HS	SK16-W/ W-HS
	-SK20-105	48	105	67	SK20	SK20-P/ SK20-HS	SK20-W/ W-HS
	-SK20-165	48	165	127	SK20	SK20-P/ SK20-HS	SK20-W/ W-HS
	-SK25-110	54	110	72	SK25	SK25-P	SK25-W
	-SK25-150	54	150	112	SK25	SK25-P	SK25-W
BT30 (无键槽)	-SK10-60S	27	60	38	SK10	SK10-P/ SK10-HS	SK10-W/ W-HS
	-SK10-90S	27	90	68	SK10	SK10-P/ SK10-HS	SK10-W/ W-HS
	-SK16-60S	40	60	38	SK16	SK16-P/ SK16-HS	SK16-W/ W-HS
	-SK16-90S	40	90	68	SK16	SK16-P/ SK16-HS	SK16-W/ W-HS

**i** 可另外选购  
定制化: 按要求定制其他尺寸和特殊设计;

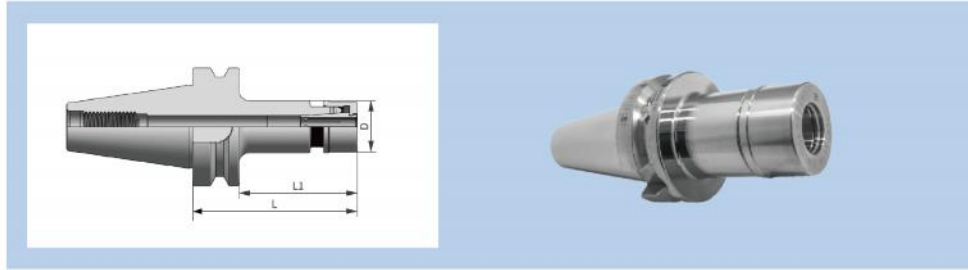
**i** Available as an optional purchase  
Customization: Customized in other sizes and special designs as required.

**产品特点**

- 本体精度 ≤ 0.002mm
- SK筒夹锥度4°，增加夹持力、提供稳定性
- 标准动平衡：G2.5 30000rpm

**Features**

- Radial Runout Accuracy: ≤ 0.002 mm
- SK collet with 4° taper: Enhances clamping force and ensures stability
- Dynamic balance: G2.5 at 30000 rpm



**技术参数 | Technical data**

规格 Spec.	D [mm]	L [mm]	L1 [mm]	筒夹 [collet]
BBT30	-SK06-60	19.5	60	SK06
	-SK10-60	27	60	SK10
	-SK16-60	40	60	SK16
BBT40	-SK06-90	19.5	90	SK06
	-SK10-90	27	90	SK10
	-SK10-100	27	100	SK10
	-SK10-120	27	120	SK10
	-SK16-90	40	90	SK16
	-SK16-100	40	100	SK16
	-SK16-120	40	120	SK16
	-SK16-200	40	200	SK16
	-SK20-90	48	90	SK20
	-SK20-100	48	100	SK20
	-SK20-120	48	120	SK20
	-SK20-200	48	200	SK20
	-SK25-90	54	90	SK25
	-SK25-100	54	100	SK25
	-SK25-120	54	120	SK25
-SK25-200	54	200	SK25	

**i** 可另外选购

定制化：按要求定制其他尺寸和特殊设计；

**i** Available as an optional purchase

Customization: Customized in other sizes and special designs as required.

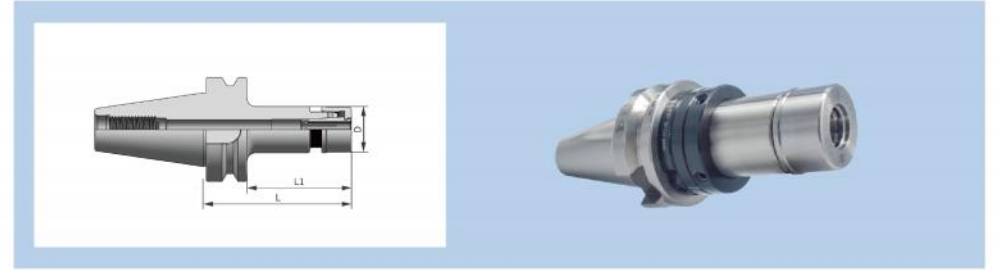


**产品特点**

- 附带动平衡环的高速刀杆，可以获得良好的动平衡性及稳定性；
- 装刀后通过转动动平衡环达到加工需要的平衡值

**Features**

- The bar with dynamic balance ring makes the cutter obtain good dynamic balance and stability.
- By adjusting the ring, to achieve the balance value required.



**技术参数 | Technical data**

规格 Spec.	D [mm]	L [mm]	L1 [mm]	筒夹 [collet]	螺帽 [nut]	扳手 [wrench]	
BT30	-SK10-90平衡环	27	90	68	SK10	SK10-HS	SK10W-HS
	-SK16-90平衡环	40	90	68	SK16	SK16-HS	SK16W-HS



**技术参数 | Technical data**

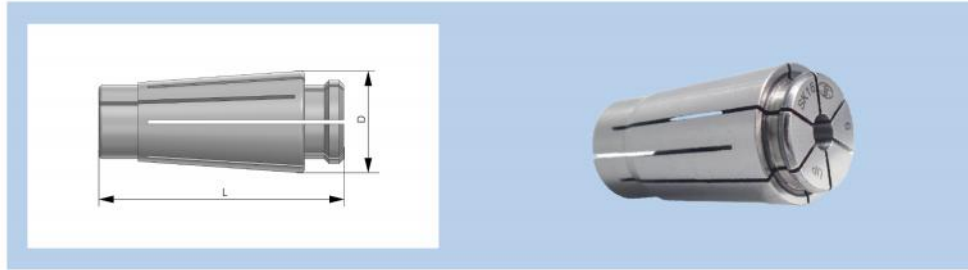
规格 Spec.	夹持范围d [mm]	D [mm]	L [mm]	L1 [mm]	螺帽 [nut]	
ISO20	-SK10-35MS	2-10	27	35	25	SK10-HS
	-SK10-35MS	2-10	27	35	20	SK10-HS
ISO25	-SK10-40MS	2-10	27	40	25	SK10-HS
	-SK10-60MS	2-10	27	60	42	SK10-HS
ISO30	-SK10-85MS	2-10	27	85	67	SK10-HS
	-SK16-60MS	3-16	40	60	42	SK10-HS

**产品特点**

- 偏差精度: 0.005mm以下 (延伸4D长度处)
- 可夹持钻头、铣刀、铰刀

**Features**

- Runout accuracy: <0.005mm (measured at 4D extended length)
- Capable of clamping drill bits, milling cutters, and reamers



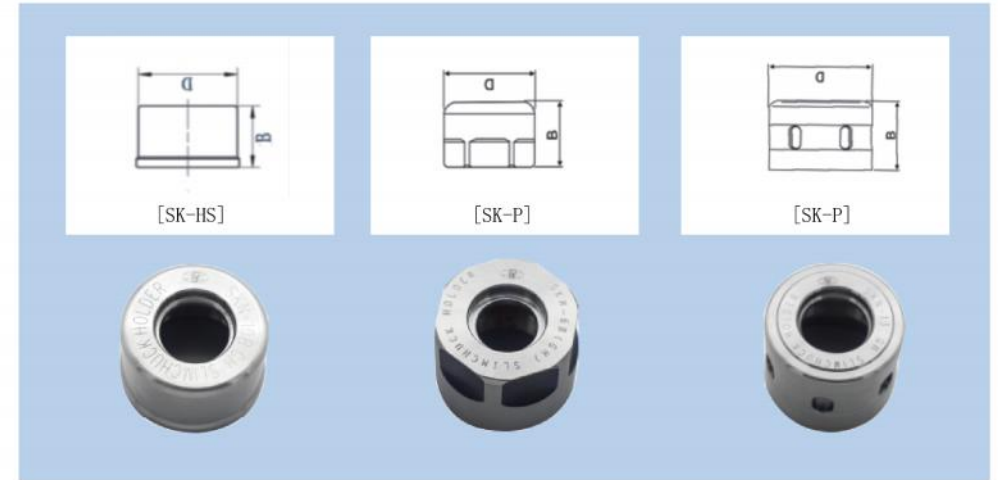
**技术参数 | Technical data**

规格 Spec.	夹持范围d [mm]	D [mm]	L [mm]
SK06	2-6	10.55	25
SK10	2-10	15.60	30
SK13	3-13	20.00	39
SK16	3-16	24.60	45
SK20	4-20	29.00	54
SK25	6-25	35.60	57



**技术参数 | Technical data**

规格 Spec.	螺帽外径 [mm]	规格 Spec.	螺帽外径 [mm]
SK06W-HS	19.5	SK06-W	19.5
SK10W-HS	27	SK10-W	28
SK13W-HS	35	SK13-W	34
SK16W-HS	40	SK16-W	40
SK20W-HS	48	SK20-W	48
--	--	SK25-W	54



**技术参数 | Technical data**

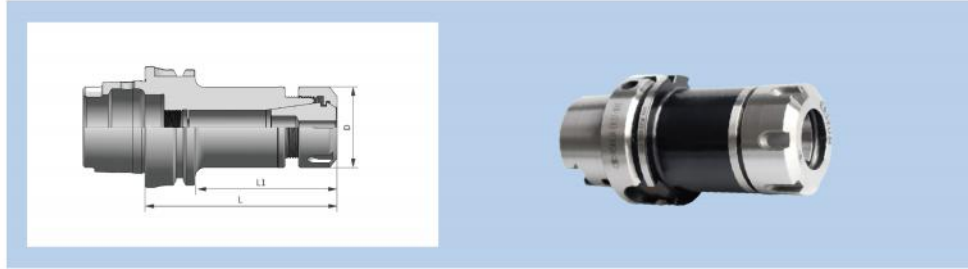
规格 Spec.	D [mm]	B [mm]
SK06-P	19.5	15
SK06-HS	19.5	15
SK10-P	27	18
SK10-HS	27	18
SK13-P	35	28
SK13-HS	35	28
SK16-P	40	24
SK16-HS	40	25
SK20-P	48	30
SK20-HS	48	30
SK25-P	54	32

产品特点

- 标准动平衡: G2.5 30000rpm
- 本体精度 ≤ 0.002mm

Features

- Standard dynamic balance: G2.5 at 30000 rpm
- Radial Runout Accuracy: ≤ 0.002 mm



技术参数 | Technical data

规格 Spec.	筒夹 [collet]	D [mm]	L [mm]	L1 [mm]	
HSK40A	-ER16-80	ER16	28	80	60
	-ER16-100	ER16	28	100	80
	-ER20-80	ER20	34	80	60
	-ER25-80	ER25	42	80	60
	-ER32-80	ER32	50	80	60
HSK50A	-ER16-70	ER16	28	70	44
	-ER16-100	ER16	28	100	74
	-ER16-120	ER16	28	120	94
	-ER20-100	ER20	34	100	74
	-ER20-120	ER20	34	120	94
	-ER25-100	ER25	42	100	74
	-ER25-135	ER25	42	135	109
	-ER32-53	ER32	50	53	27
	-ER32-55	ER32	50	55	29
	-ER32-100	ER32	50	100	74
	-ER32-130	ER32	50	130	104
	-ER32-135	ER32	50	135	109
-ER32-160	ER32	50	160	134	
HSK63A	-ER16-90	ER16	28	90	64
	-ER16-100	ER16	28	100	74
	-ER16-120	ER16	28	120	94
	-ER16-160	ER16	28	160	134
	-ER20-100	ER20	34	100	74
	-ER20-120	ER20	34	120	94
	-ER20-150	ER20	34	150	124
	-ER20-200	ER20	34	200	174
	-ER20-350	ER20	34	350	324
	-ER25-100	ER25	42	100	74

规格 Spec.	筒夹 [collet]	D [mm]	L [mm]	L1 [mm]	
HSK63A	-ER25-120	ER25	42	120	94
	-ER25-160	ER25	42	160	134
	-ER32-80	ER32	50	80	54
	-ER32-100	ER32	50	100	74
	-ER32-120	ER32	50	120	94
	-ER32-145	ER32	50	145	119
	-ER32-160	ER32	50	160	134
	-ER40-80	ER40	63	80	54
	-ER40-100	ER40	63	100	74
	-ER40-120	ER40	63	120	94
HSK100A	-ER40-150	ER40	63	150	124
	-ER16-100	ER16	28	100	71
	-ER16-160	ER16	28	160	131
	-ER20-100	ER20	34	100	71
	-ER20-160	ER20	34	160	131
	-ER25-100	ER25	42	100	71
	-ER25-130	ER25	42	130	101
	-ER32-100	ER32	50	100	71
	-ER32-135	ER32	50	135	106
	-ER32-150	ER32	50	150	121
-ER40-120	ER40	63	120	91	
-ER40-175	ER40	63	175	146	

**i** 可另外选购

客制化: 按要求定制其他尺寸和特殊设计;

**i** Available as an optional purchase

Customization: Customized in other sizes and special designs as required.

**产品特点**

- 标准动平衡: G2.5 30000rpm
- 本体精度  $\leq 0.002\text{mm}$

**Features**

- Standard dynamic balance: G2.5 at 30000 rpm
- Radial Runout Accuracy:  $\leq 0.002\text{ mm}$

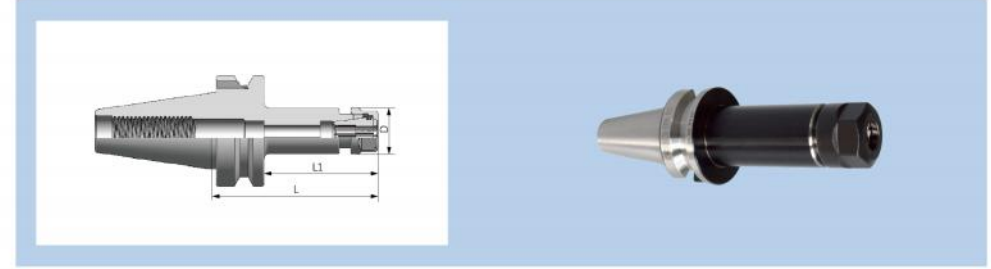


**产品特点**

- 精密动平衡: G2.5 25000rpm
- 经济实用型

**Features**

- Precision dynamic balance: G2.5 at 25000 rpm
- Economical model



**技术参数 | Technical data**

规格 Spec.	筒夹 [collet]	D [mm]	L [mm]	L1 [mm]	
HSK25E	-ER16A-44.7	ER16	28	44.7	34.7
HSK32E	-ER20M-50	ER20	28	50	30
HSK40E	-ER16-80	ER16	28	80	60
	-ER16-65	ER16	28	65	45
	-ER20-65	ER20	34	65	45
	-ER20-80	ER20	34	80	60
	-ER25-80	ER25	42	80	60
	-ER32-80	ER32	50	80	60
	-ER16-100	ER16	28	100	74
HSK50E	-ER20-100	ER20	34	100	74
	-ER25-100	ER25	42	100	74
	-ER32-100	ER32	50	100	74
	-ER16-80	ER16	28	80	54
HSK63F	-ER16-100	ER16	28	100	74
	-ER16-150	ER16	28	150	124
	-ER20-80	ER20	34	80	54
	-ER20-100	ER20	34	100	74
	-ER20-150	ER20	34	150	124
	-ER25-80	ER25	42	80	54
	-ER25-100	ER25	42	100	74
	-ER25-150	ER25	42	150	124
	-ER32-80	ER32	50	80	54
	-ER32-100	ER32	50	100	74
	-ER32-150	ER32	50	150	124
	-ER40-100	ER40	63	100	74

**技术参数 | Technical data**

规格 Spec.	筒夹 [collet]	D [mm]	L [mm]	L1 [mm]	
BT30	-ER8M-105	ER8	12	105	83
	-ER11M-70	ER11	16	70	48
	-ER11A-70	ER11	19	70	48
	-ER11A-100	ER11	19	100	78
	-ER16-40	ER16	28	40	18
	-ER16-60	ER16	28	60	38
	-ER16-70	ER16	28	70	48
	-ER16-80	ER16	28	80	58
	-ER16-100	ER16	28	100	78
	-ER16-120	ER16	28	120	98
	-ER16-150	ER16	28	150	128
	-ER20-60	ER20	34	60	38
	-ER20-70	ER20	34	70	48
	-ER20-80	ER20	34	80	58
	-ER20-100	ER20	34	100	78
	-ER20-120	ER20	34	120	98
	-ER20-135	ER20	34	135	113
	-ER20-150	ER20	34	150	128
	-ER25-70	ER25	42	70	48
	-ER25-100	ER25	42	100	78
	-ER25-135	ER25	42	135	113
	-ER25-150	ER25	42	150	128
	-ER32-60	ER32	50	60	38
	-ER32-70	ER32	50	70	48
	-ER32-100	ER32	50	100	78
	-ER32-110	ER32	50	110	88
	-ER32-150	ER32	50	150	128
	-ER40-80	ER40	63	80	58
	-ER40-100	ER40	63	100	78

注: "A" 表示配套使用 ER-A型标准螺帽; "M" 表示配套使用 ER-M型标准螺帽;

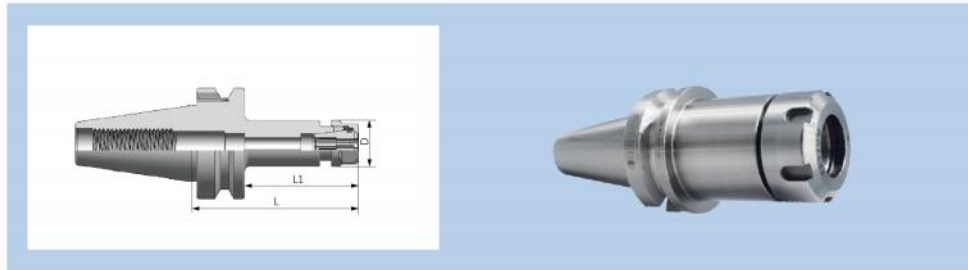


**产品特点**

- 精密动平衡: G2.5 25000rpm
- 经济实用型

**Features**

- Precision dynamic balance: G2.5 at 25000 rpm
- Economical model

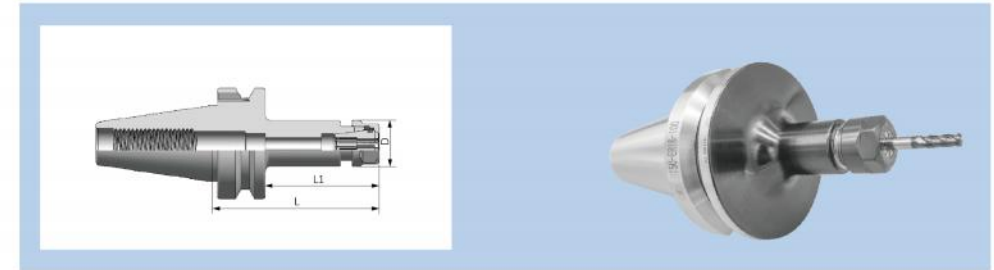


**产品特点**

- 精密动平衡: G2.5 25000rpm
- 经济实用型

**Features**

- Precision dynamic balance: G2.5 at 25000 rpm
- Economical model



**技术参数 | Technical data**

规格 Spec.	筒夹 [collet]	D [mm]	L [mm]	L1 [mm]
-ER11A-120	ER11	19	120	93
-ER11A-150	ER11	19	150	123
-ER11M-100	ER11	16	100	73
-ER11M-120	ER11	16	120	93
-ER11M-150	ER11	16	150	123
-ER16-70	ER16	28	70	43
-ER16-100	ER16	28	100	73
-ER16-120	ER16	28	120	93
-ER16-150	ER16	28	150	123
-ER16-200	ER16	28	200	173
-ER16-250	ER16	28	250	223
-ER20-70	ER20	34	70	43
-ER20-100	ER20	34	100	73
-ER20-135	ER20	34	135	108
-ER20-150	ER20	34	150	123
-ER20-200	ER20	34	200	173
-ER25-70	ER25	42	70	43
-ER25-100	ER25	42	100	73
-ER25-125	ER25	42	125	98
-ER25-150	ER25	42	150	123
-ER25-200	ER25	42	200	173
-ER32-70	ER32	50	70	43
-ER32-100	ER32	50	100	73
-ER32-150	ER32	50	150	123
-ER32-200	ER32	50	200	173
-ER32-300	ER32	50	300	273
-ER40-70	ER40	63	70	43
-ER40-100	ER40	63	100	73
-ER40-150	ER40	63	150	123

**技术参数 | Technical data**

规格 Spec.	筒夹 [collet]	D [mm]	L [mm]	L1 [mm]
-ER16-100	ER16	28	100	62
-ER16-150	ER16	28	150	112
-ER16-200	ER16	28	200	162
-ER20-100	ER20	34	100	62
-ER20-150	ER20	34	150	112
-ER20-200	ER20	34	200	162
-ER20-250	ER20	34	250	212
-ER20-300	ER20	34	300	262
-ER25-100	ER25	42	100	62
-ER25-150	ER25	42	150	112
-ER25-200	ER25	42	200	162
-ER25-250	ER25	42	250	212
-ER25-300	ER25	42	300	262
-ER32-80	ER32	50	80	42
-ER32-100	ER32	50	100	62
-ER32-150	ER32	50	150	112
-ER32-200	ER32	50	200	162
-ER32-250	ER32	50	250	212
-ER32-300	ER32	50	300	262
-ER32-400	ER32	50	400	362
-ER32-500	ER32	50	500	462
-ER40-100	ER40	63	100	62
-ER40-150	ER40	63	150	112
-ER40-200	ER40	63	200	162
-ER40-300	ER40	63	300	262
-ER40-400	ER40	63	400	362

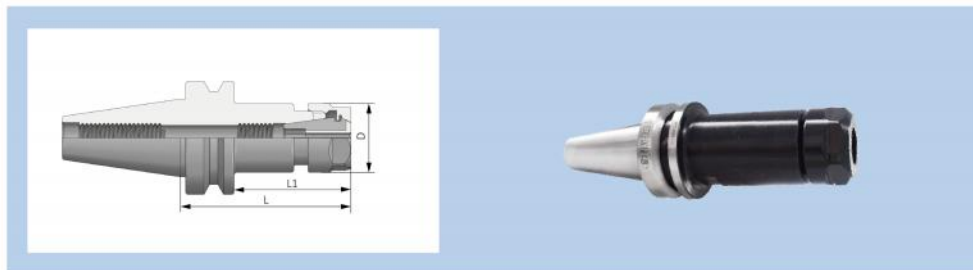


**产品特点**

- 精密动平衡: G2.5 25000rpm
- 经济实用型

**Features**

- Precision dynamic balance: G2.5 at 25000 rpm
- Economical model



**技术参数 | Technical data**

规格 Spec.	筒夹 [collet]	D [mm]	L [mm]	L1 [mm]	
BT30 (无键槽)	-ER16-70S	ER16	28	70	48
	-ER16-100S	ER16	28	100	78
	-ER20-60S	ER20	34	60	38
	-ER20-70S	ER20	34	70	48
	-ER20-100S	ER20	34	100	78
	-ER25-60S	ER25	42	60	38
	-ER25-100S	ER25	42	100	78
	-ER32-70S	ER32	50	70	48
	-ER32-100S	ER32	50	100	78

**i** 可另外选购

客制化: 按要求定制其他尺寸和特殊设计;

**i** Available as an optional purchase

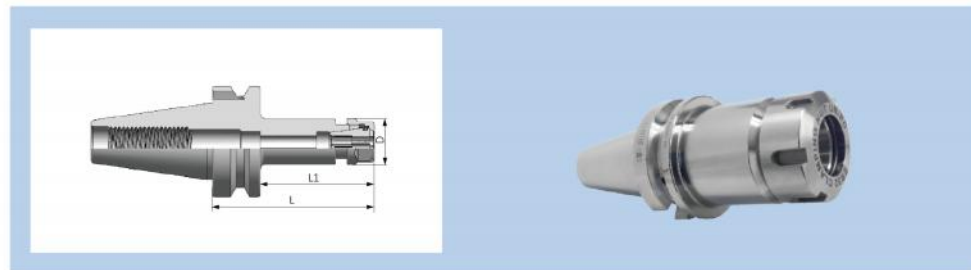
Customization: Customized in other sizes and special designs as required.

**产品特点**

- 标准动平衡: G2.5 25000rpm
- 本体精度 ≤ 0.002mm

**Features**

- Standard dynamic balance: G2.5 at 25000 rpm
- Radial Runout Accuracy: ≤ 0.002 mm



**技术参数 | Technical data**

规格 Spec.	筒夹 [collet]	D [mm]	L [mm]	L1 [mm]	
BBT30	-ER16-70	ER16	28	70	49
	-ER16-100	ER16	28	100	79
	-ER25-70	ER25	42	70	49
	-ER25-100	ER25	42	100	79
	-ER11A-100	ER11	19	100	74
BBT40	-ER16-70	ER16	28	70	44
	-ER16-100	ER16	28	100	74
	-ER16-150	ER16	28	150	124
	-ER16-200	ER16	28	200	174
	-ER20-100	ER20	34	100	74
	-ER20-150	ER20	34	150	124
	-ER20-200	ER20	34	200	174
	-ER25-100	ER25	42	100	74
	-ER25-150	ER25	42	150	124
	-ER25-200	ER25	42	200	174
	-ER32-100	ER32	50	100	74
	-ER32-150	ER32	50	150	124
	-ER32-200	ER32	50	200	174
	-ER40-100	ER40	63	100	74
	-ER20-200	ER20	34	200	174
	-ER25-100	ER25	42	100	74
	-ER25-200	ER25	42	200	174
-ER32-200	ER32	50	200	174	

**i** 可另外选购

客制化: 按要求定制其他尺寸和特殊设计;

**i** Available as an optional purchase

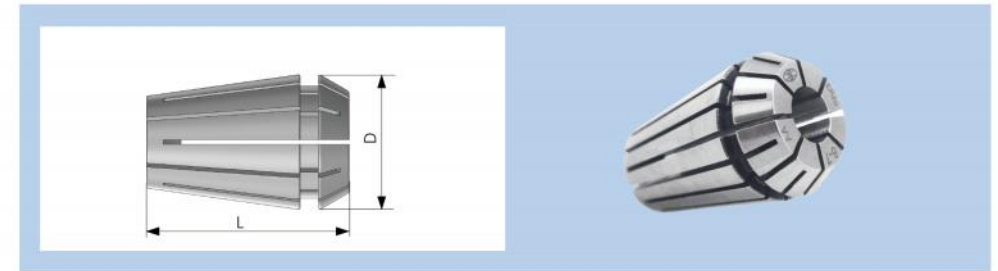
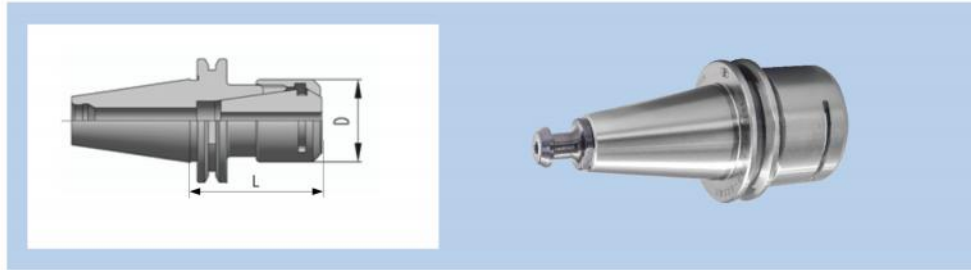
Customization: Customized in other sizes and special designs as required.

产品特点

- 标准动平衡: G2.5 30000rpm
- 本体精度 ≤ 0.002mm

Features

- Standard dynamic balance: G2.5 at 30000 rpm
- Radial Runout Accuracy: ≤ 0.002 mm



技术参数 | Technical data

规格 Spec.	夹持范围d [mm]	D [mm]	L [mm]	筒夹 [collet]	螺帽 [nut]
ISO15	-ER11-95MS	1-7	19	ER11	ER11-MS
	-ER11-35MS	1-7	19	ER11	ER11-MS
ISO20	-ER16-35MS	1-10	22	ER16	ER16-MS
	-ER16-40MS	1-10	22	ER16	ER16-MS
	-ER20-35MS	1-13	28	ER20	ER20-MS
ISO25	-ER16-35MS	1-10	22	ER16	ER16-MS
	-ER20-35MS	1-13	28	ER20	ER20-MS
	-ER20-75MS	1-13	28	ER20	ER20-MS
ISO30	-ER25-60MS	2-16	42	ER25	ER25-UM
	-ER32-60MS	3-20	50	ER32	ER32-UM
	-ER32-80MS	3-20	50	ER32	ER32-UM

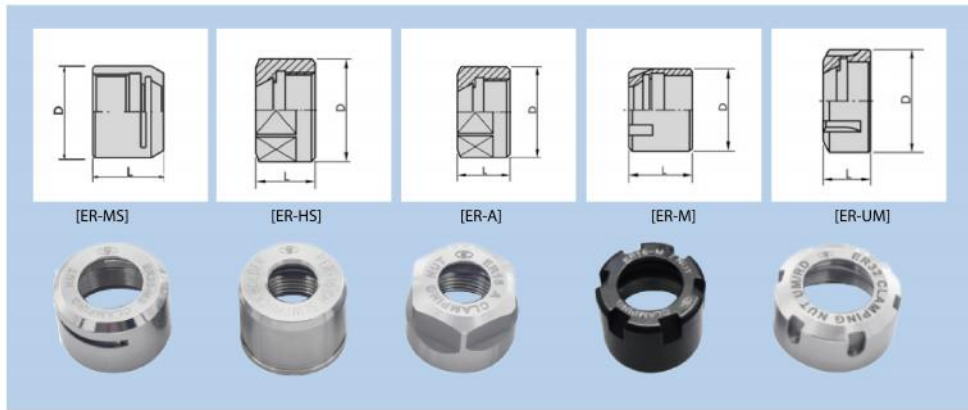
**i** 可另外选购  
定制化: 按客户要求定制其他尺寸和特殊设计;

**i** Available as an optional purchase  
Customization: Customized in other sizes and special designs as required.

技术参数 | Technical data

规格 Spec.	D [mm]	L [mm]
ER8	8.5	13.5
ER11	11.5	18
ER16	17	27
ER20	21	31
ER25	26	35
ER32	33	40
ER40	41	46

ER8		ER11		ER16		ER20		ER25		ER32		ER40	
SET	9PCS	SET	13PCS	SET	10PCS	SET	13PCS	SET	16PCS	SET	19PCS	SET	23PCS
NO.	Range mm	NO.	Range mm	NO.	Range mm	NO.	Range mm	NO.	Range mm	NO.	Range mm	NO.	Range mm
ER8-1	1.0-0.5	ER11-1	1.0-0.5	ER16-1	1.0-0.5	ER20-1	1.0-0.5	ER25-1	1.0-0.5	ER32-2	2.0-1.0	ER40-4	4.0-3.0
ER8-1.5	1.5-1.0	ER11-1.5	1.5-1.0	ER16-2	2.0-1.0	ER20-2	2.0-1.0	ER25-2	2.0-1.0	ER32-3	3.0-2.0	ER40-5	5.0-4.0
ER8-2	2.0-1.5	ER11-2	2.0-1.5	ER16-3	3.0-2.0	ER20-3	3.0-2.0	ER25-3	3.0-2.0	ER32-4	4.0-3.0	ER40-6	6.0-5.0
ER8-2.5	2.5-2.0	ER11-2.5	2.5-2.0	ER16-4	4.0-3.0	ER20-4	4.0-3.0	ER25-4	4.0-3.0	ER32-5	5.0-4.0	ER40-7	7.0-6.0
ER8-3	3.0-2.5	ER11-3	3.0-2.5	ER16-5	5.0-4.0	ER20-5	5.0-4.0	ER25-5	5.0-4.0	ER32-6	6.0-5.0	ER40-8	8.0-7.0
ER8-3.5	3.5-3.0	ER11-3.5	3.5-3.0	ER16-6	6.0-5.0	ER20-6	6.0-5.0	ER25-6	6.0-5.0	ER32-7	7.0-6.0	ER40-9	9.0-8.0
ER8-4	4.0-3.5	ER11-4	4.0-3.5	ER16-7	7.0-6.0	ER20-7	7.0-6.0	ER25-7	7.0-6.0	ER32-8	8.0-7.0	ER40-10	10-9.0
ER8-4.5	4.5-4.0	ER11-4.5	4.5-4.0	ER16-8	8.0-7.0	ER20-8	8.0-7.0	ER25-8	8.0-7.0	ER32-9	9.0-8.0	ER40-11	11-10
ER8-5	5.0-4.5	ER11-5	5.0-4.5	ER16-9	9.0-8.0	ER20-9	9.0-8.0	ER25-9	9.0-8.0	ER32-10	10-9.0	ER40-12	12-11
		ER11-5.5	5.5-5.0	ER16-10	10-9.0	ER20-10	10-9.0	ER25-10	10-9.0	ER32-11	11-10	ER40-13	13-12
		ER11-6	6.0-5.5			ER20-11	11-10	ER25-11	11-10	ER32-12	12-11	ER40-14	14-13
		ER11-6.5	6.5-6.0			ER20-12	12-11	ER25-12	12-11	ER32-13	13-12	ER40-15	15-14
		ER11-7	7.0-6.5			ER20-13	13-12	ER25-13	13-12	ER32-14	14-13	ER40-16	16-15
								ER25-14	14-13	ER32-15	15-14	ER40-17	17-16
								ER25-15	15-14	ER32-16	16-15	ER40-18	18-17
								ER25-16	16-15	ER32-17	17-16	ER40-19	19-18
										ER32-18	18-17	ER40-20	20-19
										ER32-19	19-18	ER40-21	21-20
										ER32-20	20-19	ER40-22	22-21
												ER40-23	23-22
												ER40-24	24-23
												ER40-25	25-24
												ER40-26	26-25



规格 Spec.	D [mm]	L [mm]	规格 Spec.	D [mm]	L [mm]
ER8-M	12	10.8	ER32-UM	50	23.5
ER11-M	16	12	ER40-UM	63	26.5
ER16-M	22	18	ER50-UM	78	35.3
ER20-M	28	19	ER16-HS	27	17.5
ER11-A	19	11.3	ER20-HS	34	19
ER16-A	28	17.5	ER16-MS	22	17
ER20-A	34	19	ER20-MS	28	19
ER25-UM	42	21	ER25-MS	35	23



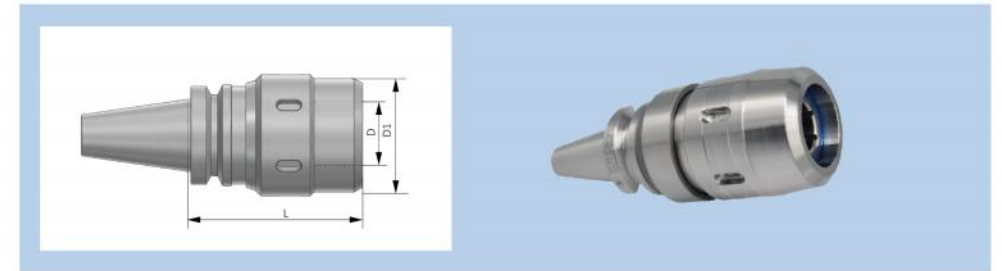
规格 Spec.	规格 Spec.	规格 Spec.	规格 Spec.	规格 Spec.
ER11-A	ER8-M	ER25-UM/RD	ER16-HS	ER16-MS
ER16-A	ER11-M	ER32-UM/RD	ER20-HS	ER20-MS
ER20-A	ER16-M	ER40-UM/RD	--	ER25-MS
--	ER20-M	ER40-UM/RD	--	--

产品特点

- 广泛应用于重负荷切削加工的刀具夹持
- 经济实用型

Features

- Widely used in heavy-duty machining for tool clamping
- Economy model



技术参数 | Technical data

规格 Spec.	L [mm]	D [mm]	D1 [mm]	筒夹 [collet]	夹持范围 [mm]	扳手 [wrench]
BT30	-MLC20-90	90	20	SC20	3-16	C20
	-MLC25-90	90	25	SC25	3-20	C25
	-MLC32-100	100	32	SC32	3-25	C32
BT40	-MLC16-100	100	16	SC16	3-12	C16
	-MLC20-90	90	20	SC20	3-16	C20
	-MLC20-120	120	20	SC20	3-16	C20
	-MLC25-90	90	25	SC25	3-20	C25
	-MLC32-110	110	25	SC25	3-20	C25
	-MLC32-105	105	32	SC32	3-25	C32
BT50	-MLC32-150	150	32	SC32	3-25	C32
	-MLC32-165	165	32	SC32	3-25	C32
	-MLC42-110	110	42	SC42	3-32	C42
BBT40	-MLC32-110	110	32	SC32	3-25	C32
	-MLC32-165	165	32	SC32	3-25	C32
HSK63A	-MLC42-110	110	42	SC42	3-32	C42
	-MLC16-100	100	16	SC16	3-12	C16
HSK100A	-MLC20-100	100	20	SC20	3-16	C20
	-MLC32-120	120	32	SC32	3-25	C32
BT30(出水型)	-MLC32-120	120	32	SC32	3-25	C32
BT40(出水型)	-MLC25-80-W	80	25	SC25	3-20	C25
	-MLC25-110-W	110	25	SC25	3-20	C25

可另外选购

定制化: 按要求定制其他尺寸和特殊设计;

Available as an optional purchase

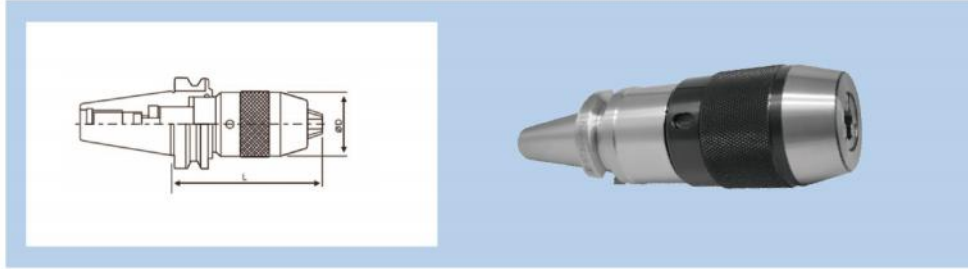
Customization: Customized in other sizes and special designs as required.

产品特点

- 支持自动换刀,提升加工效率
- 经济实用型


Features

- Supports automatic tool change, enhancing machining efficiency;
- Economy model



技术参数 | Technical data

规格 Spec.	L [mm]	D [mm]	夹持范围 [mm]	适用扳手 [wrench]
BT30	-APU08-80	80	0.5-8	APU08
	-APU13-100	100	1-13	APU13
	-APU16-110	100	1-16	APU16
	-APU16-130	130	1-16	APU16
BT40	-APU13-100	100	1-13	APU13
	-APU16-110	110	1-16	APU16
	-APU16-120	120	1-16	APU16
BT50	-APU13-100	100	1-13	APU13
	-APU13-110	110	1-13	APU13
	-APU13-120	120	1-13	APU13
	-APU13-180	180	1-13	APU13
	-APU16-120	120	1-16	APU16
-APU16-180	180	1-16	APU16	
BBT40	-APU13-100	100	1-13	APU13
HSK63A	-APU13-150	150	1-13	APU13

 可另外选购

客制化: 按要求定制其他尺寸和特殊设计;

 Available as an optional purchase

Customization: Customized in other sizes and special designs as required.

产品特点

- 适合重载粗加工
- 搭配快速钻/U钻使用


Features

- Ideal for heavy-duty roughing operations;
- Recommended for use with quick-drills / U-drills.



技术参数 | Technical data

规格 Spec.	D [mm]	D1 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	T [Thread]
HSK50A	-SLA6-65	6	25	65	39	18	--
	-SLA 8-65	8	28	65	39	18	--
	-SLA10-65	10	35	65	39	20	--
	-SLA12-80	12	42	80	54	22.5	--
	-SLA14-80	14	44	80	54	22.5	--
	-SLA16-80	16	48	80	54	24	--
	-SLA18-80	18	50	80	54	24	--
	-SLA20-80	20	52	80	54	25	--
	-SLA 6-65	6	25	65	39	18	--
	-SLA 8-65	8	28	65	39	18	--
HSK63A	-SLA10-65	10	35	65	39	20	--
	-SLA12-80	12	42	80	54	22.5	--
	-SLA14-80	14	44	80	54	22.5	--
	-SLA16-80	16	48	80	54	24	--
	-SLA18-80	18	50	80	54	24	--
	-SLA20-80	20	52	80	54	25	25
	-SLA25-110	25	65	110	84	24	28
	-SLA32-110	32	72	110	84	24	--
	-SLA16-100	16	48	100	71	24	--
	-SLA18-100	18	50	100	71	24	--
HSK100A	-SLA20-100	20	52	100	71	25	--
	-SLA25-100	25	65	100	71	24	25
	-SLA32-100	32	72	100	71	24	28
	-SLA40-120	40	90	120	71	30	32

 可另外选购

客制化: 按要求定制其他尺寸和特殊设计;

 Available as an optional purchase

Customization: Customized in other sizes and special designs as required.

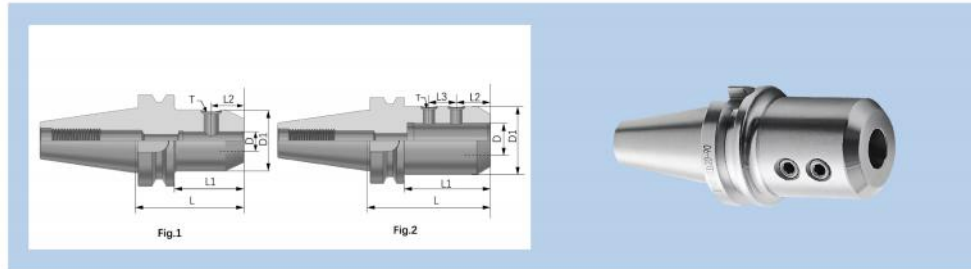


产品特点

- 适合重载切削
- 搭配快速钻/U钻使用

Features

- Ideal for Heavy-Duty Machining and High-Cutting Loads
- For Use with Quick-Drill / U-Drill



技术参数 | Technical data

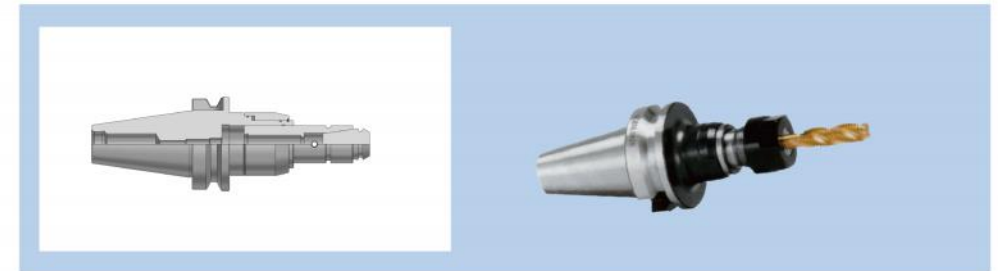
规格 Spec.	Fig	D [mm]	D1 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	T [Thread]
BT30	-SLA6-60	1	6	25	60	38	18	M6x1.0P
	-SLA 8-60	1	8	28	60	38	18	M8x1.25P
	-SLA10-60	1	10	35	60	38	20	M10x1.5P
	-SLA12-60	1	12	42	60	38	22.5	M12x1.75P
	-SLA16-75	1	16	48	75	53	24	M14x2.0P
	-SLA20-75	1	20	52	75	53	25	M16x2.0P
BT40	-SLA25-90	2	25	65	90	68	24	M18x2.0P
	-SLA 6-50	1	6	25	50	23	18	M6x1.0P
	-SLA 8-50	1	8	28	50	23	18	M8x1.25P
	-SLA10-65	1	10	35	63	38	20	M10x1.5P
	-SLA12-65	1	12	42	63	38	22.5	M12x1.75P
	-SLA16-65	1	16	48	63	38	24	M14x2.0P
	-SLA20-65	1	20	52	63	38	25	M16x2.0P
	-SLA25-100	2	25	65	100	73	24	M18x2.0P
BT50	-SLA32-100	2	32	72	100	73	24	M20x2.0P
	-SLA 6-65	1	6	25	63	27	18	M6x1.0P
	-SLA 8-65	1	8	28	63	27	18	M8x1.25P
	-SLA10-65	1	10	35	63	27	20	M10x1.5P
	-SLA12-80	1	12	42	80	42	22.5	M12x1.75P
	-SLA16-80	1	16	48	80	42	24	M14x2.0P
	-SLA20-80	1	20	52	80	42	25	M16x2.0P
	-SLA25-100	2	25	65	100	62	24	M18x2.0P
	-SLA32-105	2	32	72	105	67	24	M20x2.0P
	-SLA40-115	2	40	90	115	77	30	M20x2.0P
-SLA42-120	2	42	90	120	82	30	M20x2.0P	

**i** 可另外选购

定制化: 按要求定制其他尺寸和特殊设计;

**i** Available as an optional purchase

Customization: Customized in other sizes and special designs as required.



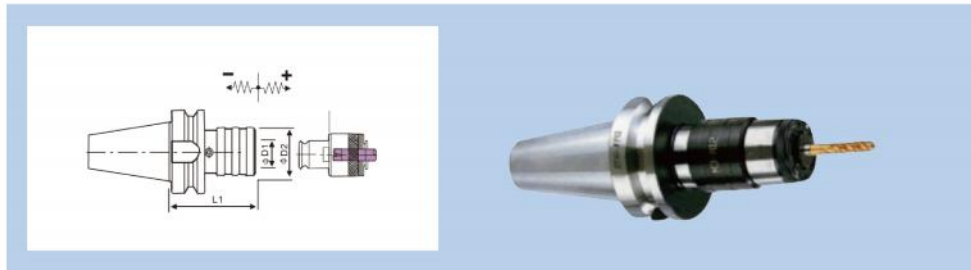
技术参数 | Technical data

规格 Spec.	攻牙范围 [tapping range]	筒夹 [collet]	
BT30	-TER16	M3-M12	ER16-TP
	-TER20	M3-M17	ER20-TP
BT40	-TER16	M3-M12	ER16-TP
	-TER20	M3-M17	ER20-TP
	-TER25	M3-M20	ER25-TP
	-TER32	M3-M27	ER32-TP
BT50	-TER16	M3-M12	ER16-TP
	-TER20	M3-M17	ER20-TP
	-TER25	M3-M20	ER25-TP
	-TER32	M3-M27	ER32-TP



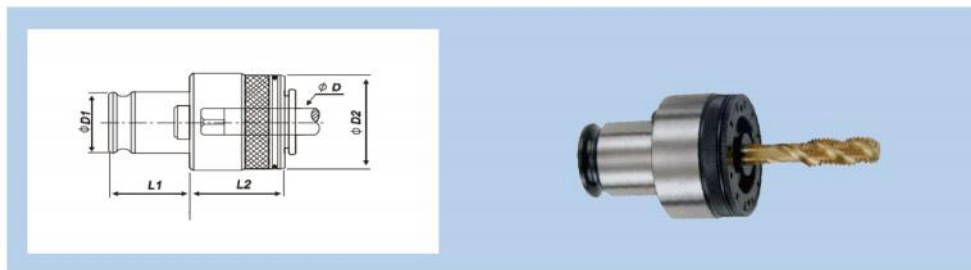
技术参数 | Technical data

规格 Spec.	D [mm]	L [mm]	攻牙能力 [tapping capacity]
ER16-TP	16	27.50	M3-M12
ER20-TP	20	31.50	M3-M17
ER25-TP	25	34.00	M3-M20
ER32-TP	32	40.00	M3-M27



技术参数 | Technical data

规格 Spec.	攻牙范围 [tapping range]	D1 [mm]	D2 [mm]	L1 [mm]	伸缩长度		丝攻筒夹 [tapping collet]
					缩 (-)	伸 (+)	
BT30-WF12	M3-M12	19	36	57	7.5	7.5	TC312
BT30-WF20	M8-M20	31	53	95	12.5	12.5	TC820
BT40-WF12	M3-M12	19	36	67	7.5	7.5	TC312
BT40-WF12-135	M3-M12	19	46	135	20.0	20.0	TC312
BT40-WF20	M8-M20	31	53	94	12.5	12.5	TC820
BT40-WF33	M14-M33	48	78	163	20.0	20.0	TC1433
BT50-WF12	M3-M12	19	36	100	7.5	7.5	TC312
BT50-WF12-135	M3-M12	19	46	135	20.0	20.0	TC312
BT50-WF20	M8-M20	31	53	102	12.5	12.5	TC820
BT50-WF33	M14-M33	48	78	163	20.0	20.0	TC1433



技术参数 | Technical data

规格 Spec.	攻牙能力 [tapping capacity]	D1 [mm]	D2 [mm]	L1 [mm]	L2 [mm]
TC 312	M3-M12	19.0	32.0	21.5	25.0
TC 820	M8-M20	31.0	50.0	35.0	34.0
TC 1433	M14-M33	48.0	72.0	55.5	45.0

产品特点

- 整体式结构，刚性增强，加工效率提升
- 采用抗震性工具钢材材质
- 高精度制程，提高刀具精度，可进行高进给加工

Features

- Monolithic design: Enhanced rigidity improves machining efficiency;
- Manufactured from high-damping tool steel;
- High-precision process: Enhances tool accuracy for high-feed machining.



技术参数 | Technical data

规格 Spec.	D [mm]	L [mm]	刀刃 [teeth]	刀片 [insert]	螺丝 [screw]	扳手 [wrench]	
HSK63A	-MAP16AP11-90-2T	16	90	2	AP.11	M2.5	T8
	-MAP20AP11-90-3T	20	90	3	AP.11	M2.5	T8
	-MAP22AP11-90-3T	22	90	3	AP.11	M2.5	T8
	-MAP25AP11-90-3T	25	90	3	AP.11	M2.5	T8
	-MAP25AP11-120-3T	25	120	3	AP.11	M2.5	T8
	-MAP32AP16-90-3T	32	90	3	AP.16	M4.0	T15
	-MAP32AP16-120-3T	32	120	3	AP.16	M4.0	T15
	-MAP40AP16-90-4T	40	90	4	AP.16	M4.0	T15
-MAP40AP16-120-4T	40	120	4	AP.16	M4.0	T15	

**i** 可另外选购

客制化：按要求定制其他尺寸和特殊设计；

**i** Available as an optional purchase

Customization: Customized in other sizes and special designs as required.

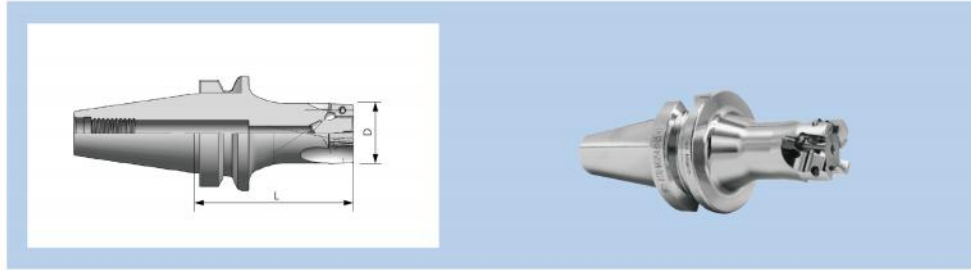


**产品特点**

- 整体式结构，刚性增强，加工效率提升
- 采用抗震性工具钢材质
- 高精度制程，提高刀具精度，可进行高进给加工

**Features**

- Monolithic design: Enhanced rigidity improves machining efficiency
- Manufactured from high-damping tool steel
- High-precision process: Enhances tool accuracy for high-feed machining



**技术参数 | Technical data**

规格 Spec.	D [mm]	L [mm]	刀刃 [teeth]	刀片 [insert]	螺丝 [screw]	扳手 [wrench]	
BT30	-MAP16AP11-60-2T	16	60	2	AP.11	M2.5	T8
	-MAP16AP11-65-2T	16	65	2	AP.11	M2.5	T8
	-MAP20AP11-65-3T	20	65	3	AP.11	M2.5	T8
	-MAP20AP11-80-3T	20	80	3	AP.11	M2.5	T8
	-MAP20AP11-120-3T	20	120	3	AP.11	M2.5	T8
	-MAD20AD11-65-3T	20	65	3	AD.11	M2.5	T8
	-MAP25AP10-65-3T	25	65	3	AP.10	M2.5	T8
	-MAP25AP10-65-4T	25	65	4	AP.10	M2.5	T8
	-MAP25AP11-50-4T	25	50	4	AP.11	M2.5	T8
	-MAP25AP11-65-3T	25	65	3	AP.11	M2.5	T8
	-MAP25AP11-120-3T	25	120	3	AP.11	M2.5	T8
	-MAD25AD11-65-4T	25	65	4	AD.11	M2.5	T8
	-MAP32AP11-65-4T	32	65	4	AP.11	M2.5	T8
	-MAP32AP11-85-3T	32	85	3	AP.11	M2.5	T8
	-MAD32AD11-65-4T	32	65	4	AD.11	M2.5	T8
	-MAD32AD11-65-5T	32	65	5	AD.11	M2.5	T8
	-MAP40AP11-65-5T	40	65	5	AP.11	M2.5	T8
	-MAP40AP16-65-4T	40	65	4	AP.16	M4.0	T15
-MAR20R39011-65-3T	20	65	3	R390..11	M2.5	T8	
BT40	-MAP16AP11-90-2T	16	90	2	AP.11	M2.5	T8
	-MAP25AP11-160-3T	25	160	3	AP.11	M2.5	T8
	-MAP32SE12-100-3T	32	100	3	SE.12	M6.0	T20
	-MAP40AP16-90-4T	40	90	4	AP.16	M4.0	T15
	-MAP40AP16-120-4T	40	120	4	AP.16	M4.0	T15
	-MAP32AP11-50-3T-S	32	50	3	AP.11	M2.5	T8

**i** 可另外选购

客制化：按要求定制其他尺寸和特殊设计；

**i** Available as an optional purchase

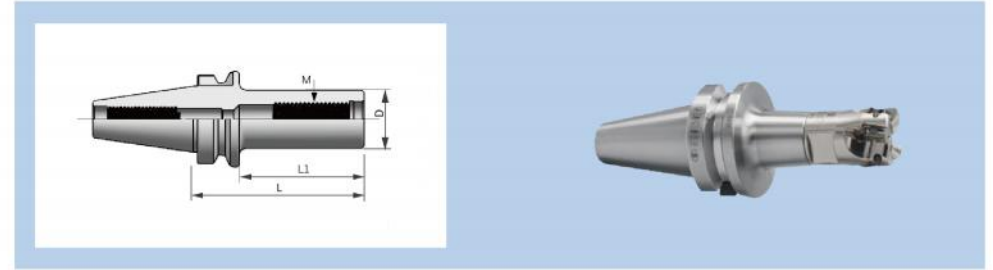
Customization: Customized in other sizes and special designs as required.

**产品特点**

- 标准动平衡G2.5（全研磨）
- 整支通孔利于出水及抗震

**Features**

- Standard dynamic balance: G6.5 (fully ground)
- Full-length through hole enhances coolant flow and vibration damping



**技术参数 | Technical data**

规格 Spec.	D [mm]	L [mm]	L1 [mm]	M [Thread]	
BT30	-MFT16-M8-45	15	45	23	M8
	-MFT20-M10-45	19	45	23	M10
	-MFT20-M10-60	19	60	38	M10
	-MFT25-M12-45	24	45	23	M12
	-MFT25-M12-60	24	60	38	M12
	-MFT30-M16-65	29	65	43	M16
	-MFT32-M16-32	29	32	10	M16
	-MFT35-M16-60	33	60	38	M16
	-MFT16-M8-60	15	60	33	M8
	-MFT16-M8-95	15	95	68	M8
BT40	-MFT20-M10-60	19	60	33	M10
	-MFT20-M10-95	19	95	68	M10
	-MFT20-M12-60	19	60	33	M12
	-MFT25-M12-75	24	75	48	M12
	-MFT25-M12-85	24	85	58	M12
	-MFT25-M12-95	22	95	68	M12
	-MFT25-M16-60	25	60	33	M16
	-MFT30-M16-95	28	95	68	M12
	-MFT30-M16-135	28	135	108	M12
	-MFT35-M16-95	33	95	68	M12
BBT40	-MFT25-M12-105	24	105	78	M12
BT50	-MFT25-M12-75	24	75	37	M12
HSK63A	-MFT25-M12-70	24	70	44	M12

**i** 可另外选购

客制化：按要求定制其他尺寸和特殊设计；

**i** Available as an optional purchase

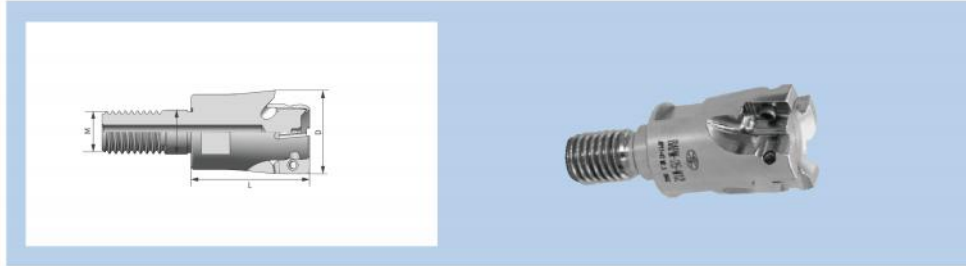
Customization: Customized in other sizes and special designs as required.

产品特点

- 搭配锁牙刀柄使用
- 经济适用型

Features

- Compatible with locking tool holders
- Economy model



技术参数 | Technical data

规格 Spec.	D [mm]	L [mm]	M [Thread]	刀片 [insert]	刀片螺丝 [screw]	扳手 [wrench]
BAPM-16-M8-11-2T	16	35	M8	APMT1135PDER	M2.5×6.5	T8
BAPM-20-M10-11-3T	20	35	M10	APMT1135PDER	M2.5×6.5	T8
BAPM-25-M12-11-3T	25	40	M12	APMT1135PDER	M2.5×6.5	T8
BAPM-25-M12-11-4T	25	40	M12	APMT1135PDER	M2.5×6.5	T8
BAPM-30-M16-16-2T	30	40	M16	APKT1604	M4×9	T15
BAPM-32-M16-16-3T	32	40	M16	APKT1604	M4×9	T15
BAPM-35-M16-16-3T	35	40	M16	APKT1604	M4×9	T15
BADM-20-M10-11-3T	20	35	M10	PLKD25PDR-LHC	M2.5×6.5	T8
BADM-25-M12-11-4T	25	40	M12	PLKD25PDR-LHC	M2.5×6.5	T8
BADM-32-M16-11-5T	32	40	M16	PLKD25PDR-LHC	M2.5×6.5	T8
R390-20-M10-11-3T	20	35	M10	R390.11	M2.5×6.5	T8
EMRM-5R-25-M12-4T	25	40	M12	RPMW1003MOE	M4×10	T15
EMRM-5R-35-M16-3T	35	40	M16	RPMW1003MOE	M4×10	T15

 可另外选购

定制化：按要求定制其他尺寸和特殊设计；

 Available as an optional purchase

Customization: Customized in other sizes and special designs as required.

产品特点

- 刀盘和刀柄配合部位轴系公差h6
- 整支通孔利于出水及抗震

Features

- Tool holder-shank fit: h6 tolerance
- Full-length through hole enhances coolant flow and vibration damping




技术参数 | Technical data

规格 Spec.	D [mm]	D1 [mm]	L [mm]	L1 [mm]	L2 [mm]	H [mm]	W [mm]	
HSK40A	-FMA25.4-50	25.4	50	60	22	30	4.5	9.5
HSK50A	-FMA25.4-50	25.4	50	50	20	24	4.5	9.5
	-FMA31.75-55	31.75	60	55	22	29	6.7	12.7
HSK63A	-FMA25.4-55	25.4	50	55	20	29	4.5	9.5
	-FMA25.4-100	25.4	50	100	20	74	4.5	9.5
	-FMA31.75-55	31.75	60	55	20	29	6.7	12.7
	-FMA31.75-130	31.75	60	130	22	104	6.7	12.7
	-FMA38.1-55	38.1	78	55	25	29	8.9	15.9
	-FMA38.1-130	38.1	78	130	30	104	8.9	15.9
HSK100A	-FMA31.75-50	31.75	60	50	22	21	6.7	12.7
	-FMA31.75-130	31.75	60	130	22	101	6.7	12.7
	-FMA38.1-50	38.1	78	50	25	21	8.9	15.9
HSK50E	-FMA38.1-130	38.1	78	130	30	95	8.9	15.9
	-FMA25.4-50	25.4	50	50	20	24	4.5	9.5

 可另外选购

定制化：按要求定制其他尺寸和特殊设计；

 Available as an optional purchase

Customization: Customized in other sizes and special designs as required.

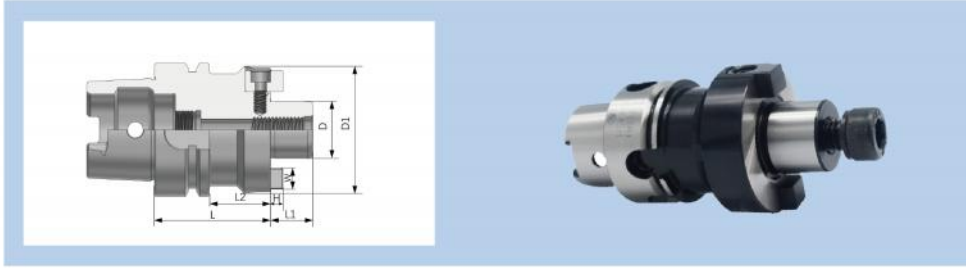


产品特点

- 刀盘和刀柄配合部位轴系公差h6
- 整支通孔利于出水及抗震

Features

- Tool holder-shank fit: h6 tolerance
- Full-length through hole enhances coolant flow and vibration damping

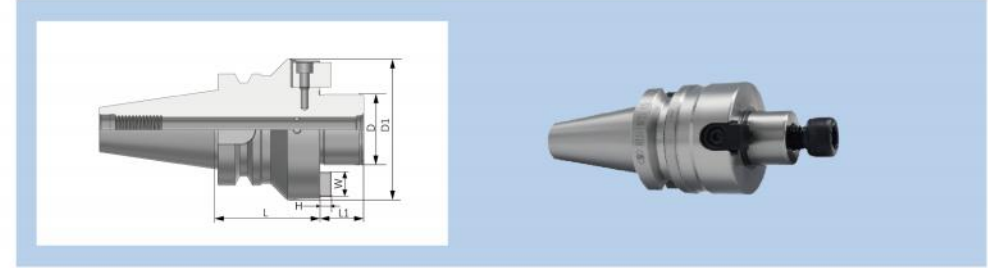


产品特点

- 刀盘和刀柄配合部位轴系公差h6
- 整支通孔利于出水及抗震

Features

- Tool holder-shank fit: h6 tolerance
- Full-length through hole enhances coolant flow and vibration damping



技术参数 | Technical data

	规格 Spec.	D [mm]	D1 [mm]	L [mm]	L1 [mm]	L2 [mm]	H [mm]	W [mm]
HSK40A	-FMB22-50	22	52	50	19	30	4.8	10
	-FMB22-80	22	52	80	19	60	4.8	10
HSK50A	-FMB16-45	16	40	45	17	19	3.8	8
	-FMB22-50	22	52	50	19	24	4.8	10
HSK63A	-FMB27-55	27	60	55	20	29	5.8	12
	-FMB16-45	16	40	45	17	19	3.8	8
	-FMB22-50	22	50	50	19	24	4.8	10
	-FMB22-60	22	50	60	19	34	4.8	10
	-FMB22-100	22	50	100	19	74	4.8	10
	-FMB22-130	22	50	130	19	104	4.8	10
	-FMB22-150	22	50	150	19	124	4.8	10
	-FMB22-200	22	50	200	19	174	4.8	10
	-FMB27-55	27	53	55	20	29	5.8	12
	-FMB27-100	27	53	100	20	74	5.8	12
HSK100A	-FMB27-130	27	53	130	20	104	5.8	12
	-FMB22-50	22	48	50	19	21	4.8	10
	-FMB22-100	22	48	100	19	71	4.8	10
	-FMB27-55	27	60	55	20	26	5.8	12
	-FMB32-55	32	78	55	22	26	6.8	14
	-FMB40-60	40	89	60	25	31	8.3	16
	-FMB22-50	22	48	50	19	21	4.8	10
	-FMB22-100	22	48	100	19	71	4.8	10
	-FMB27-55	27	60	55	20	26	5.8	12
	-FMB32-55	32	78	55	22	26	6.8	14
HSK40E	-FMB22-45	22	52	45	19	25	4.8	10
	-FMB22-80	22	52	80	19	60	4.8	10
HSK50E	-FMB22-50	22	52	50	19	24	4.8	10

技术参数 | Technical data

	规格 Spec.	D [mm]	D1 [mm]	L [mm]	L1 [mm]	H [mm]	W [mm]
BT30	-FMA25.4-45	25.4	50	45	20	4.5	9.5
	-FMA25.4-60	25.4	50	60	20	4.5	9.5
	-FMA25.4-100	25.4	50	100	20	4.5	9.5
BT40	-FMA31.75-45	31.75	60	45	22	6.7	12.7
	-FMA25.4-45	25.4	50	45	20	4.5	12.7
	-FMA25.4-60	25.4	50	60	20	4.5	9.5
	-FMA25.4-90	25.4	50	90	20	4.5	9.5
	-FMA25.4-105	25.4	50	105	20	4.5	9.5
	-FMA31.75-45	31.75	60	45	22	6.7	12.7
	-FMA31.75-60	31.75	60	60	22	6.7	12.7
	-FMA31.75-75	31.75	60	75	22	6.7	12.7
	-FMA31.75-90	31.75	60	90	22	6.7	12.7
	-FMA38.10-60	38.10	75	60	25	8.9	15.9
BT50	-FMA50.80-60	50.80	98	60	36	9.75	19.05
	-FMA25.4-45	25.4	50	45	20	4.5	9.5
	-FMA25.4-100	25.4	50	100	20	4.5	9.5
	-FMA25.4-150	25.4	50	150	20	4.5	9.5
	-FMA25.4-200	25.4	50	200	20	4.5	9.5
	-FMA25.4-300	25.4	50	300	20	4.5	9.5
	-FMA31.75-45	31.75	60	45	22	6.7	12.7
	-FMA31.75-60	31.75	60	60	22	6.7	12.7
	-FMA31.75-75	31.75	60	75	22	6.7	12.7
	-FMA31.75-105	31.75	60	105	22	6.7	12.7
	-FMA38.10-45	38.10	80	45	25	8.9	15.9
	-FMA38.10-75	38.10	80	75	25	8.9	15.9
	-FMA50.80-45	50.80	98	45	36	9.75	19.05
	-FMA50.80-75	50.80	98	75	36	9.75	19.05
	-FMA47.625-75	47.62	128.75	75	32	12.5	25.4
	-FMA47.625-150	47.62	128.75	105	32	12.5	25.4

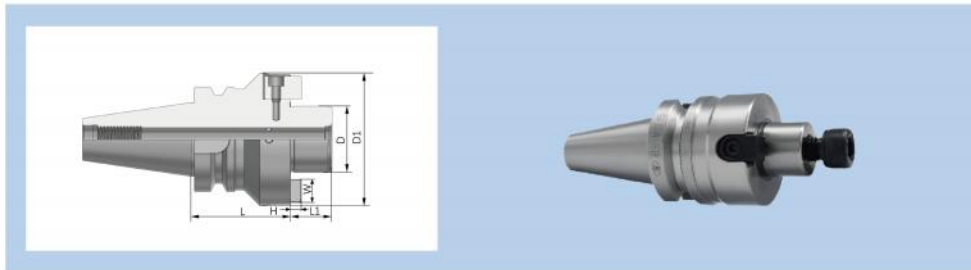


产品特点

- 刀盘和刀柄配合部位轴系公差h6
- 整支通孔利于出水及抗震

Features

- Tool holder-shank fit: h6 tolerance
- Full-length through hole enhances coolant flow and vibration damping



技术参数 | Technical data

规格 Spec.	D [mm]	D1 [mm]	L [mm]	L1 [mm]	H [mm]	W [mm]		
BT30	-FMB16-45	16	34	45	14	3.8	8	
	-FMB16-60	16	34	60	14	3.8	8	
	-FMB16-100	16	34	100	14	3.8	8	
	-FMB22-45	22	50	45	19	4.8	10	
	-FMB22-60	22	50	60	19	4.8	10	
	-FMB22-70	22	50	70	19	4.8	10	
	-FMB22-100	22	50	100	19	4.8	10	
	-FMB27-45	27	60	45	20	5.8	12	
	-FMB27-60	27	60	60	20	5.8	12	
	-FMB32-45	32	78	45	22	6.8	14	
	-FMB40-60	40	80	60	25	8.3	16	
	BT40	-FMB16-60	16	34	60	14	3.8	8
		-FMB16-100	16	34	100	14	3.8	8
		-FMB22-45	22	48	45	19	4.8	10
-FMB22-60		22	48	60	19	4.8	10	
-FMB22-100		22	48	100	19	4.8	10	
-FMB22-150		22	48	150	19	4.8	10	
-FMB22-200		22	48	200	19	4.8	10	
-FMB22-300		22	48	300	19	4.8	10	
-FMB27-45		27	60	45	20	5.8	12	
-FMB27-60		27	60	60	20	5.8	12	
-FMB27-100		27	60	100	20	5.8	12	
-FMB27-105		27	60	105	20	5.8	12	
-FMB27-150		27	60	150	20	5.8	12	
-FMB27-250		27	60	250	20	5.8	12	
-FMB32-45		32	78	45	22	6.8	14	
-FMB32-60		32	78	60	22	6.8	14	
-FMB32-100		32	78	100	22	6.8	14	
-FMB40-60		40	80	60	25	8.3	16	

规格 Spec.	D [mm]	D1 [mm]	L [mm]	L1 [mm]	H [mm]	W [mm]	
BT50	-FMB22-45	22	48	45	19	4.8	10
	-FMB22-60	22	48	60	19	4.8	10
	-FMB22-90	22	48	90	19	4.8	10
	-FMB22-150	22	48	150	19	4.8	10
	-FMB22-200	22	48	200	19	4.8	10
	-FMB22-250	22	48	250	19	4.8	10
	-FMB22-300	22	48	300	19	4.8	10
	-FMB22-350	22	48	350	19	4.8	10
	-FMB22-400	22	48	400	19	4.8	10
	-FMB27-50	27	60	50	20	5.8	12
	-FMB27-90	27	60	90	20	5.8	12
	-FMB27-100	27	60	100	20	5.8	12
	-FMB27-150	27	60	150	20	5.8	12
	-FMB27-200	27	60	200	20	5.8	12
	-FMB27-250	27	60	250	20	5.8	12
	-FMB32-50	32	78	50	22	6.8	14
	-FMB32-60	32	78	60	22	6.8	14
	-FMB32-90	32	78	90	22	6.8	14
	-FMB32-100	32	78	100	22	6.8	14
	-FMB32-120	32	78	120	22	6.8	14
	-FMB40-50	40	89	50	25	8.3	16
	-FMB40-90	40	89	90	25	8.3	16
	-FMB40-105	40	98	105	25	8.3	16
	-FMB60-75	60	138	75	25	12.5	25.4
-FMB60-100	60	138	100	25	12.5	25.4	
-FMB60-200	60	138	200	25	12.5	25.4	
BBT30	-FMB16-50	16	34	50	14	3.8	8
BBT40	-FMB22-100	22	50	100	19	4.8	10
BBT50	-FMB27-90	22	50	90	19	5.8	12
	-FMB22-150	27	60	150	20	4.8	10

**i** 可另外选购

客制化：按要求定制其他尺寸和特殊设计；

**i** Available as an optional purchase

Customization: Customized in other sizes and special designs as required.



## 2刃减重型刀盘-铝合金可调节

2 Flutes Lightweight Face Mill

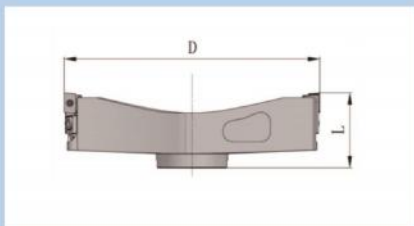
PILIK

### 产品特点

- 两刃结构可最大限度降低刀盘自身重量
- 可调节刀片高低刃，提供整体动平衡校正服务
- 可入刀库

### Features

- Tool holder-shank fit: h6 tolerance
- Full-length through hole enhances coolant flow and vibration damping
- Magazine-compatible design



### 技术参数 | Technical data

规格 Spec.	D [mm]	L [mm]	刀座 [blade holder]
PACM-125-FMB22-2T	125	54	PACM-SE12/PACM-AP16
PACM-160-FMA25.4-2T	160	58	PACM-SE12/PACM-AP16
PACM-160-FMB27-2T	160	58	PACM-SE12/PACM-AP16
PACM-180-FMA25.4-2T	180	60	PACM-SE12/PACM-AP16
PACM-180-FMB27-2T	180	60	PACM-SE12/PACM-AP16
PACM-200-FMB27-2T	200	62	PACM-SE12/PACM-AP16
PACM-200-FMB32-2T	200	62	PACM-SE12/PACM-AP16
PACM-215-FMA25.4-2T	215	63	PACM-SE12/PACM-AP16
PACM-215-FMB27-2T	215	63	PACM-SE12/PACM-AP16
PACM-250-FMB27-2T	250	65	PACM-SE12/PACM-AP16
PACM-315-FMB32-2T	315	69	PACM-SE12/PACM-AP16
PACM-320-FMB27-2T	320	69	PACM-SE12/PACM-AP16

**i** 可另外选购

定制化: 按要求定制其他尺寸和特殊设计;

**i** Available as an optional purchase

Customization: Customized in other sizes and special designs as required.

PILIK

## 2刃减重型刀盘-刚体可调节

2 Flutes Lightweight Face Mill

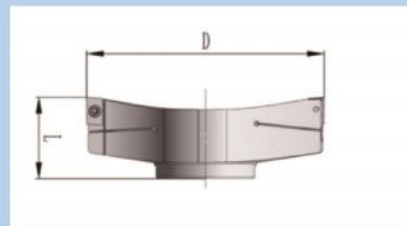


### 产品特点

- 两刃结构可最大限度降低刀盘自身重量
- 可调节刀片高低刃，提供整体动平衡校正服务
- 可入刀库

### Features

- Tool holder-shank fit: h6 tolerance
- Full-length through hole enhances coolant flow and vibration damping
- Magazine-compatible design



### 技术参数 | Technical data

规格 Spec.	D [mm]	L [mm]	刀片 [insert]	刀片螺丝 [Screw]	扳手 [wrench]
BAP400R-70-27-AP16-2T	70	54	AP.16	M4X10	T15
BAP400R-100-25.4-AP16-2T	100	54	AP.16	M4X10	T15
BAP400R-110-25.4-AP16-2T	110	54	AP.16	M4X10	T15
BAP400R-125-25.4-AP16-2T	125	54	AP.16	M4X10	T15
BAP400R-140-32-AP16-2T	140	58	AP.16	M4X10	T15
BAP400R-160-25.4-AP16-2T	160	58	AP.16	M4X10	T15

**i** 可另外选购

定制化: 按要求定制其他尺寸和特殊设计;

**i** Available as an optional purchase

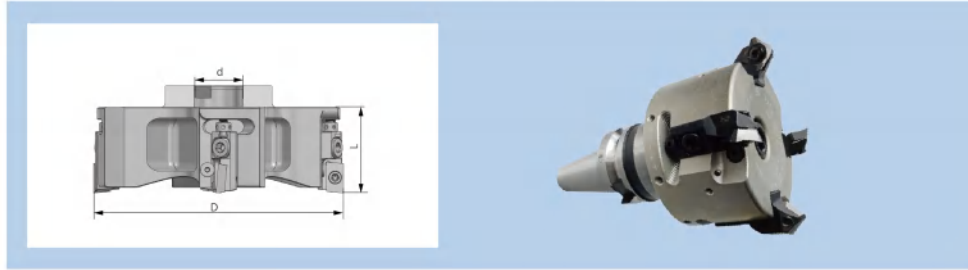
Customization: Customized in other sizes and special designs as required.

**产品特点**

- 轻量化铝合金本体
- 可快速调节高低刃
- 可换刀片座
- 中心出水

**Features**

- Lightweight aluminum body
- Quick-adjustable cutting height
- Replaceable blade holder
- Through-spindle coolant (TSC)

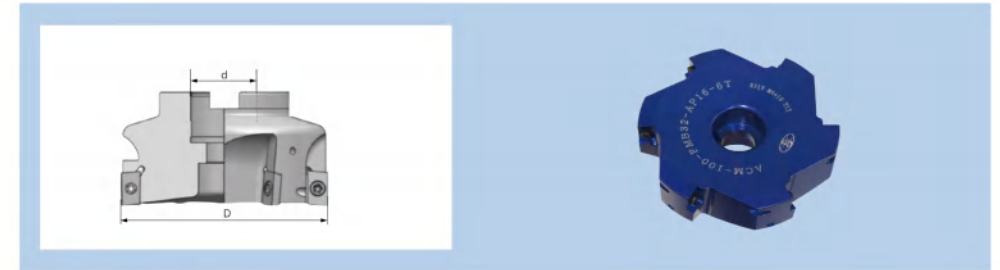


**技术参数 | Technical data**

规格 Spec.	L [mm]	D [mm]	d [mm]	刃数 [optional teech]	刀座 [blade holder]
PACM-63-FMB22	50	63	22	4	PACM-SE12/AP16
PACM-63-FMA25.4	50	63	25.4	4	PACM-SE12/AP16
PACM-80-FMB22	55	80	22	4	PACM-SE12/AP16
PACM-80-FMA25.4	55	80	25.4	4	PACM-SE12/AP16
PACM-100-FMB32	55	100	32	4	PACM-SE12/AP16
PACM-100-FMB31.75	55	100	31.75	4	PACM-SE12/AP16
PACM-125-FMB32	63	125	32	4	PACM-SE12/AP16
PACM-125-FMA25.4	63	125	25.4	6	PACM-SE12/AP16
PACM-125-FMA31.75	63	125	31.75	4	PACM-SE12/AP16
PACM-125-FMA38.1	63	125	38.1	4	PACM-SE12/AP16
PACM-140-FMB27	63	140	27	4	PACM-SE12/AP16
PACM-160-FMB32	63	160	32	6	PACM-SE12/AP16
PACM-160-FMB40	63	160	40	6	PACM-SE12/AP16
PACM-160-FMA38.1	63	160	38.1	6	PACM-SE12/AP16
PACM-160-FMA50.8	63	160	50.8	8	PACM-SE12/AP16
PACM-200-FMB27	63	200	27	8	PACM-SE12/AP16
PACM-200-FMA31.75	63	200	31.75	8	PACM-SE12/AP16
PACM-200-FMA38.1	63	200	38.1	8	PACM-SE12/AP16
PACM-200-FMA47.625	63	200	47.625	8	PACM-SE12/AP16
PACM-250-FMA38.1	63	250	38.1	8	PACM-SE12/AP16
PACM-250-FMB40	63	250	40	8	PACM-SE12/AP16
PACM-250-FMA47.625	63	250	47.625	8	PACM-SE12/AP16
PACM-300-FMA47.625	50	300	47.625	8/12	PACM-SE12/AP16
PACM-300-FMB40	50	300	40	8/12	PACM-SE12/AP16

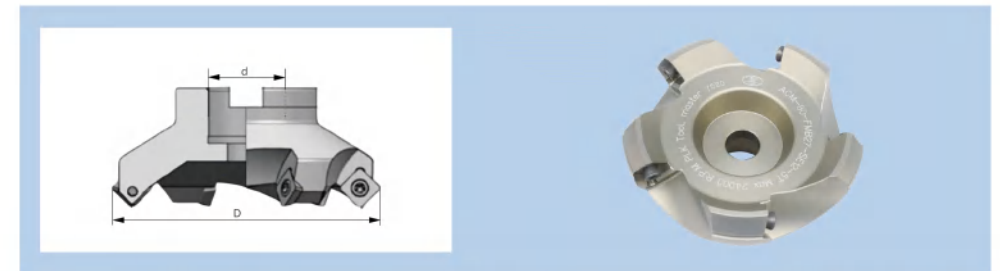
**i** 可另外选购  
定制化: 按客户要求定制其他尺寸和特殊设计;

**i** Available as an optional purchase  
Customization: Customized in other sizes and special designs as required.



**技术参数 | Technical data**

规格 Spec.	D [mm]	d [mm]	刃数 [optional teech]	刀片 [insert]	螺丝 [screw]	扳手 [wrench]
ACM-50-FMB22-AP16-4T	50	22	4	AP.16	M4X10	T15
ACM-63-FMB22-AP16-4T	63	22	4	AP.16	M4X10	T15
ACM-63-FMB22-AP16-5T	63	22	5	AP.16	M4X10	T15
ACM-80-FMB22-AP16-6T	80	22	6	AP.16	M4X10	T15
ACM-80-FMB27-AP16-6T	80	27	6	AP.16	M4X10	T15
ACM-80-FMA25.4-AP16-4T	80	25.4	4	AP.16	M4X10	T15
ACM-100-FMB32-AP16-6T	100	32	6	AP.16	M4X10	T15
ACM-125-FMB40-AP16-6T	125	40	6	AP.16	M4X10	T15
ACM-125-FMA31.75-AP16-4T	125	31.75	4	AP.16	M4X10	T15
ACM-280-FMB40-AP16-2T	280	40	2	AP.16	M4X10	T15



规格 Spec.	D [mm]	d [mm]	刃数 [optional teech]	刀片 [insert]	螺丝 [screw]	扳手 [wrench]
ACM-50-FMB22-SE12-4T	50	22	4	SE.12	M5x11	T20
ACM-63-FMB22-SE12-4T	63	22	4	SE.12	M5x11	T20
ACM-80-FMB27-SE12-5T	80	27	5	SE.12	M5x11	T20
ACM-100-FMB32-SE12-6T	100	32	6	SE.12	M5x11	T20
ACM-125-FMB32-SE12-6T	125	32	6	SE.12	M5x11	T20
ACM-160-FMB40-SE12-7T	160	40	7	SE.12	M5x11	T20
ACM-200-FMB40-SE12-10T	200	40	10	SE.12	M5x11	T20

SEHT1204AFFN



技术参数 | Technical data

形状 Form	规格 Spec.	合金钢 [Alloyed Steel]	不锈钢 [Stainless Steels]	铸铁 [Cast Iron]	铝及铝合金 [Aluminum&Al]	高温合金 [Refractory Alloys]	高硬材料 [Hard Material]
	APKT100304PDER		●				
	APKT1003PDER	●	●				
	APEX100304PDER				●		
	APKT1003PDER				●		
	APGT1135PDER-G2				●		
	APGT1604PDER-G2				●		
	APMT1135PDER-H2	●	●	●			
	APMT1604PDER-H2	●	●	●			
	ADGT1135-LHC	●			●		
	APKT1604PDER				●		
	APKT160404-1N				●		
	SEHT1204AFTN	●	●	●			
	SEHT1204AFFN				●		
	SEHT1204-1N				●		
	TBG6060102L	●	●				
	TPGH080204L	●	●				
	TPGH090204L	●	●				
	TBGH6060102L				●		
	TPGH080204L				●		
	TPGH090204L				●		

**i** 可另外选购  
客制化: 按要求定制其他尺寸和特殊设计;

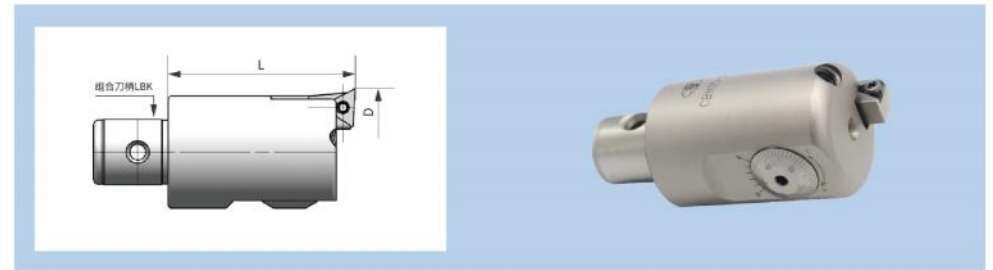
**i** Available as an optional purchase  
Customization: Customized in other sizes and special designs as required

产品特点

- 可搭配LBK刀杆和BST刀杆并可与CK系统刀杆相容;
- CBH精镗刀用于精切削镗孔, 范围20-202mm可搭配选用;
- 调整刻度为圆周50等分, 每格调整尺寸为直径0.01mm, 另有副尺可作更精细之调整;
- 精密导螺丝位于内部, 不受切削、磨损、生锈等影响具有内部润滑、精准耐用;
- 内藏式水孔、刀尖直接冷却, 刀片寿命长;
- 调整伸缩部为方型结构, 双支撑面固定, 所有切削稳固且刚性强。

Features

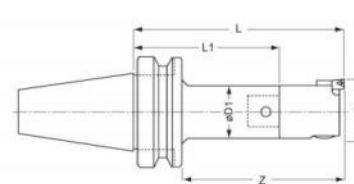
- Compatible with LBK/BST tool holders and CK system tool holders
- CBH precision boring tool: Suitable for fine boring, working range 20-202mm (optional accessories)
- Adjustment scale: 50 divisions per circumference, each division adjusts diameter by 0.01mm; Fine-tuning via auxiliary scale
- Internal precision lead screw: Protected from chips, wear, and corrosion
- with internal lubrication for lasting accuracy
- Internal coolant channels: Direct coolant to cutting edge extends insert life
- Square-shaped adjustment mechanism with dual support surfaces: Ensures rigidity and stable cutting performance



技术参数 | Technical data

规格 Spec.	接合规格 [toolholder]	搪孔范围D [mm]	搪刀长度L [mm]	刀片规格/螺丝/刀片扳手 [insert/screw/wrench]
CBH20	LBK1	20-26	35	TB06/M2/T6 TP08/M2/T6 TP09/M2/T6
CBH25	LBK2	25-33	40	
CBH32	LBK3	32-42	40	
CBH40	LBK4	40-55	50	TP08/M2/T6 TP09/M2.5/T8 TC11/M2.5/T8
CBH52	LBK5	52-75	60	
CBH68	LBK6	68-102	72	
CBH100	BST Series	100-152	72	
CBH150	BST Series	150-202	72	

CBH微调精镗刀+LBK刀柄

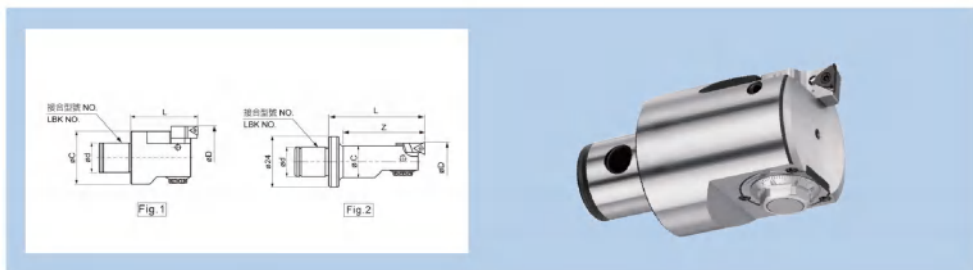


**产品特点**

- 可搭配LBK刀杆和BST刀杆并可与CK系统刀杆相容
- MBH精镗刀用于精切削镗孔，范围20-200mm均可搭配选用
- 调整刻度每格调整尺寸为直径0.01mm;
- 精密导丝螺与螺帽均经过硬化处理，坚固耐用;
- 内藏式水孔、刀尖直接冷却，刀片寿命长;
- 刀片左为两面固定无振动产生，可增加刀片寿命与加工面光滑度。

**Features**

- Compatible with LBK/BST tool holders and CK system tool holders;
- MBH precision boring tool: Suitable for fine boring, working range 20-200mm (optional accessories);
- Every division for adjustment is 0.01 mm on diameter;
- High precision lead screw and nut have been heat treated and hardened with high durability;
- Built-in coolant nozzle easy for chip removal and work cooling;
- Insert holder is with two-face support, free of vibration, which will also extend the working life of insert and ensure smoothness of working surface.



**技术参数 | Technical data**

规格 Spec.	Fig.	接合规格 [toolholder]	C [mm]	d [mm]	镗孔范围D [mm]	L [mm]	Z [mm]	刀片规格/螺丝/刀片扳手 [insert/screw/wrench]
MBH16A	2	LBK2	24	14	16-20	55	50	WCGT02/φ2.7×M2/T6
MBH16B	2	LBK2	24	14	16-20	80	75	
MBH20	1	LBK1	19	11	20-26	35		
MBH25	1	LBK2	26	14	25-32	40		TP09/M2.5/T8;TC09/φ3.2×M2/T6;
MBH32	1	LBK3	31	18	32-42	40		
MBH40	1	LBK4	39	22	40-55	50		TP11/M3/T9 TC11/M2.5/T8
MBH52	1	LBK5	50	28	52-70	60		
MBH68	1	LBK6	64	36	A 68-88	75		
					B 85-105			

**MBH微调精镗刀+LBK刀柄**

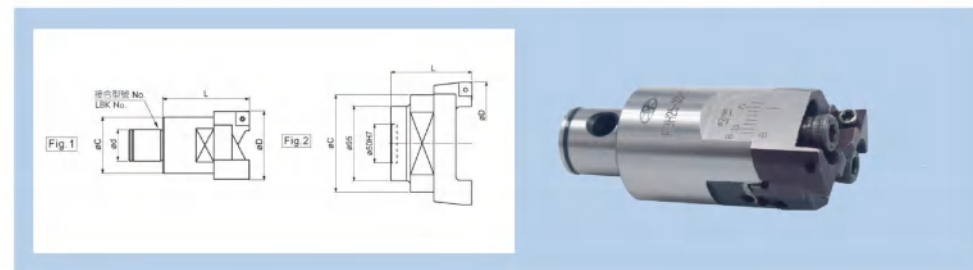


**产品特点**

- 适用单刃，双刃及高低阶镗孔，镗孔范围19-204mm;
- 新型刀刃滑座设计，刀背补强，加工时滑座承受的两个作用力相互抵消，产生最大刚性和切削力，适合各性能的搪孔作用;
- 可依据各种不同加工需求，调整镗刀，做少量多样加工;
- 清晰的侧边刻度，协助使用者调整至所需范围，无需在刀具设定仪上预设;
- 最适合在各切削中心机或镗床配合使用，刀盘为通用型，节省刀具研磨时间并大幅度增加镗孔效率;
- 高低段差设计，平刃或高低刃均可采用。

**Features**

- Suitable for single-edge, double-edge boring heads, and multi-stage boring (high/low steps); Boring range: 19-204mm.
- Innovative tool slide design with reinforced back: Counteracts opposing forces during machining to maximize rigidity and cutting force, adaptable to diverse boring applications.
- Adjustable boring bars enable flexible setups for small-batch, high-mix production.
- Clear side-mounted scale: Enables direct adjustment to target dimensions without presetting on tool setters.
- Optimized for machining centers/boring machines: Universal tool holder reduces grinding time and boosts efficiency.
- High/low step design: Compatible with flat-edge or stepped-edge inserts.



**技术参数 | Technical data**

规格 Spec.	Fig.	接合规格 [LBK NO.]	镗孔范围 [boring range]	L [mm]	C [mm]	刀片规格 [insert]
RBH19-25-C	1	LBK1	19-25	45	19	CCMT060204
RBH25-33-C	1	LBK2	25-33	45	24	CCMT060204
RBH32-42-C	1	LBK3	32-42	55	31	CCMT060204
RBH32-42-T	1	LBK3	32-42	55	31	TCMT110204
RBH40-55-C	1	LBK4	40-55	65	39	CCMT09T304
RBH40-55-T	1	LBK4	40-55	65	39	TCMT16T304
RBH40-55-S	1	LBK4	40-55	65	39	SCMT09T304
RBH52-70-C	1	LBK5	52-70	75	50	CCMT09T304
RBH52-70-T	1	LBK5	52-70	75	50	TCMT16T304
RBH52-70-S	1	LBK5	52-70	75	50	SCMT09T304
RBH68-92-C	1	LBK6	68-92	85	64	CCMT120408
RBH68-92-T	1	LBK6	68-92	85	64	TCMT16T304
RBH68-92-S	1	LBK6	68-92	85	64	SCMT120404
RBH90-122-C	1	LBK6	90-122	100	80	CCMT120408
RBH90-122-T	1	LBK6	90-122	100	80	TCMT220408
RBH90-122-S	1	LBK6	90-122	100	80	SCMT120404
RBH120-164-C	2	BST Series	120-164	95	100	CCMT120408
RBH120-164-T	2	BST Series	120-164	95	100	TCMT220408
RBH120-164-S	2	BST Series	120-164	95	100	SCMT120404
RBH160-204-C	2	BST Series	160-204	95	130	CCMT120408
RBH160-204-T	2	BST Series	160-204	95	130	TCMT220408
RBH160-204-S	2	BST Series	160-204	95	130	SCMT120404



## CBI小径微调精镗刀

Small diameter finish boring head type CBI

PILIK

PILIK

## CBI小径微调精镗刀

Small diameter finish boring head type CBI



### 产品特点

- CBI小径精镗刀有三种选择，通用于 $\phi 3-50$ 小孔使用，如使用全钨钢小径镗刀杆可加工 $03-014$ mm小孔；
- 调整刻度为圆周50等分，每格调整尺寸为直径 $0.01$ mm；另有副尺可作更精细的调整；
- 精密导丝螺位于内部，不受切削、磨损、生锈等影响，具有内部润滑，精准耐用。

### Features

- Available are three different styles enabling small diameter boring from  $03$ mm to  $050$ mm. Boring range can be within  $03$ mm to  $014$ mm if small diameter solid carbide boring bar has been employed.
- The dial has been graduated into 50 divisions, each of which is  $0.01$ mm on diameter. Available is a sub-dial for finer adjustment.
- High precision internal lead screw with inner lubrication is free from the effects of chip, featuring high durability.



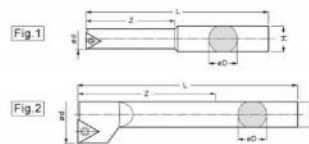
### 技术参数 | Technical data

规格 Spec.	接合型号 [toolholder]	内置刀杆d [mm]	外径直径D [mm]	长度L [mm]	移动量 [mm]
CBI 4	LBK4	10	39	32	0-2.0
CBI 5	LBK5	12	50	40	0-3.5
CBI 6	LBK6	16	64	50	0-5.0
MSD 16	LBK6	16	64	50	0-5.0

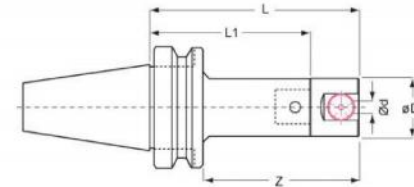
注：MSD 16调整刻度为圆周100等分

### CBI专用小径镗刀杆BJ型

规格 Spec.	Fig.	搪孔范围d [mm]	L [mm]	Z [mm]	刀片 [insert]	
CBI 4专用	BJ1008-32	1	8-10	64	32	TB..0601
	BJ1010-40	1	10-12	72	40	TB..0601
	BJ1012-45	2	12-16	77	27	TP..0902
	BJ1016-45	2	16-20	77	27	TP..0902
	BJ1020-45	2	20-24	77	27	TP..0902
CBI 5专用	BJ1208-32	1	8-10	64	32	TB..0601
	BJ1210-40	1	10-12	72	40	TB..0601
	BJ1212-45	1	12-16	77	45	TP..0902
	BJ1216-45	2	16-20	77	22	TP..0902
	BJ1220-45	2	20-25	77	25	TP..0902
CBI 6专用	BJ1606-24	1	6-8	76	24	WB..0601
	BJ1608-32	1	8-10	75	32	TB..0601
	BJ1610-40	1	10-12	75	40	TB..0601
	BJ1612-53	1	12-16	85	53	TP..0902
	BJ1616-68	1	16-20	100	68	TP..0902
	BJ1620-83	2	20-25	115	83	TP..0902
	BJ1625-90	2	25-30	122	90	TP..0902
	BJ1630-90	2	30-40	122	90	TP..0902
	BJ1640-90	2	40-50	122	90	TP..0902



### CBI小径微调精镗刀+LBK镗刀杆+小径镗刀杆BJ型



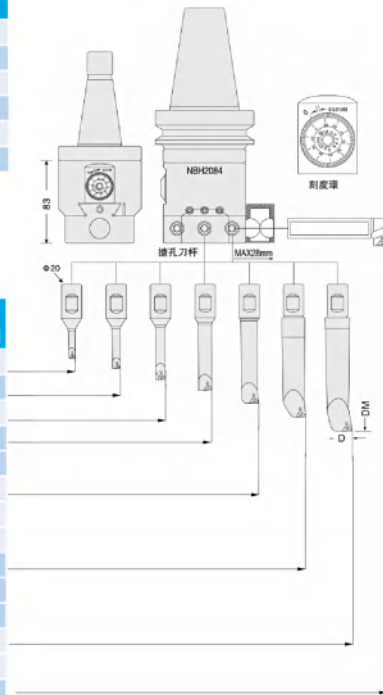
规格 Spec.	移动量 [mm]	Z [mm]	组合内容			接合型号 (toolholder)	L [mm]	L1 [mm]	D1 [mm]
			LBK刀杆	CBI刀头	小径镗刀杆				
BT30-CBI4-BJ10-5PCS	0-2.0	80	BT30-LBK4-070	CBI4	BJ10-5PCS	LBK4	102	70	39
BT30-CBI5-BJ12-5PCS	0-3.5	78	BT30-LBK5-060	CBI5	BJ12-5PCS	LBK5	100	60	50
BT30-CBI6-BJ16-9PCS	0-5.0	88	BT30-LBK6-060	CBI6	BJ16-9PCS	LBK6	110	60	64
BT40-CBI4-BJ10-5PCS	0-2.0	98	BT40-LBK4-085	CBI4	BJ10-5PCS	LBK4	117	85	39
BT40-CBI5-BJ12-5PCS	0-3.5	88	BT40-LBK5-075	CBI5	BJ12-5PCS	LBK5	115	75	50
BT40-CBI6-BJ16-9PCS	0-5.0	88	BT40-LBK6-065	CBI6	BJ16-9PCS	LBK6	115	65	64
BT50-CBI4-BJ10-5PCS	0-2.0	109	BT50-LBK4-115	CBI4	BJ10-5PCS	LBK4	147	115	39
BT50-CBI5-BJ12-5PCS	0-3.5	107	BT50-LBK5-105	CBI5	BJ12-5PCS	LBK5	145	105	50
BT50-CBI6-BJ16-9PCS	0-5.0	107	BT50-LBK6-095	CBI6	BJ16-9PCS	LBK6	145	95	64



技术参数 | Technical data

规格 Spec.	镗刀头 [boring head]	镗孔范围 [mm]	精度 [precision]
BT30-NBH2084-8P	NBH2084S	8-280	0.01
BT40-NBH2084-8P	NBH2084S	8-280	0.01
BT50-NBH2084-8P	NBH2084S	8-280	0.01
NT30-NBH2084-8P	NBH2084S	8-280	0.01
NT40-NBH2084-8P	NBH2084S	8-280	0.01
NT50-NBH2084-8P	NBH2084S	8-280	0.01

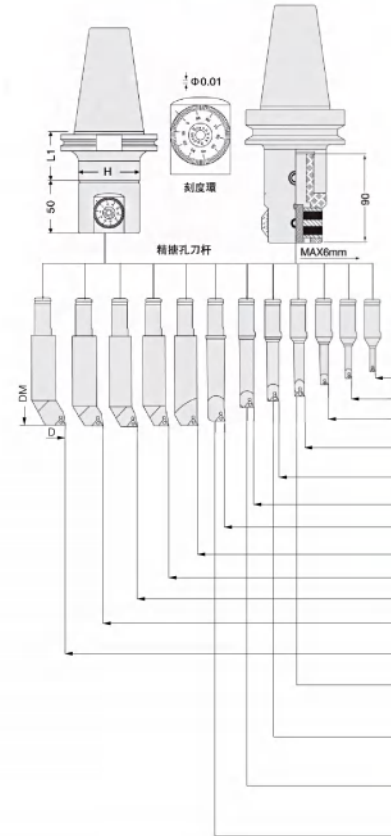
规格 Spec.	镗孔范围D [mm]	深度DW [mm]	刀片 [insert]	螺丝/扳手 [screw/wrench]
SBJ2008-32	8-11	32	TBGT0601...L	M2/T6
SBJ2010-40	10-13	40	TBGT0601...L	M2/T6
SBJ2012-53	12-17	53	TBGT0601...L	M2/T8
SBJ2016-68	16-21	68	TPGH0902...L	M2/T8
SBJ2016-120	16-21	120	TPGH0902...L	M3/T8
SBJ2020-83	20-130	83	TPGH1103...L	M3/T8
SBJ2020-150	20-130	150	TPGH1103...L	M3/T8
SBJ2020-200	20-130	200	TPGH1103...L	M3/T8
SBJ2025-96	25-135	96	TPGH1103...L	M3/T8
SBJ2025-150	25-135	150	TPGH1103...L	M3/T8
SBJ2025-200	25-135	200	TPGH1103...L	M3/T8
SBJ2030-115	30-140	115	TPGH1103...L	M3/T8
SBJ2030-200	30-140	200	TPGH1103...L	M3/T8
SBJ2020-L	120-280	84+BT	TPGH1103...L	M3/T8



技术参数 | Technical data

规格 Spec.	镗孔范围 [mm]	规格 Spec.	镗孔范围 [mm]
NT30-SBJ16-8P	6-51mm	SK40-SBJ16-8P	6-51mm
NT40-SBJ16-8P	6-51mm	SK50-SBJ16-8P	6-51mm
NT50-SBJ16-8P	6-51mm	HSK63A-SBJ16-8P	6-51mm
BT30-SBJ16-8P	6-51mm	HSK100A-SBJ16-8P	6-51mm
BT40-SBJ16-8P	6-51mm	CAT40-SBJ16-8P	6-51mm
BT50-SBJ16-8P	6-51mm	CAT50-SBJ16-8P	6-51mm

注：精度如左图所示

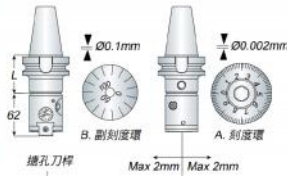


规格 Spec.	镗孔范围D [mm]	深度DW [mm]	刀片 [insert]	螺丝/扳手 [screw/wrench]
SBJ1606-24	6-9	24	WBGT0601...L	M2/T6
SBJ1608-32	8-11	32	TBGT0601...L	M2/T6
SBJ1610-40	10-13	40	TBGT0601...L	M2/T6
SBJ1612-53	12-15	53	TPGH0902...L	M2/T6
SBJ1614-60	14-17	60	TPGH0902...L	M2/T8
SBJ1616-68	16-21	68	TPGH0902...L	M2/T8
SBJ1620-83	20-26	83	TPGH1103...L	M2/T8
SBJ1625-90	25-31	90	TPGH1103...L	M2/T8
SBJ1630-90	30-36	90	TPGH1103...L	M3/T8
SBJ1635-90	35-41	90	TPGH1103...L	M3/T8
SBJ1640-90	40-46	90	TPGH1103...L	M3/T8
SBJ1645-90	45-51	90	TPGH1103...L	M3/T8
SBJ1616-120	16-21	120	TPGH0902...L	M3/T8
SBJ1616-150	16-21	150	TPGH0902...L	M3/T8
SBJ1620-150	20-26	150	TPGH1103...L	M3/T8
SBJ1620-200	20-26	200	TPGH1103...L	M3/T8
SBJ1625-150	25-31	150	TPGH1103...L	M3/T8
SBJ1625-200	25-31	200	TPGH1103...L	M3/T8
SBJ1630-150	30-36	150	TPGH1103...L	M3/T8
SBJ1630-200	30-36	200	TPGH1103...L	M3/T8

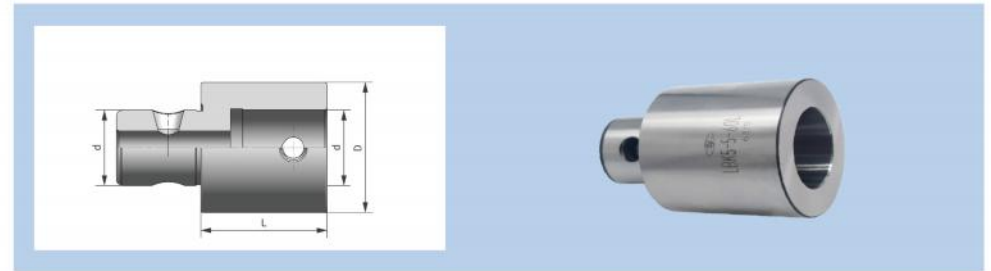
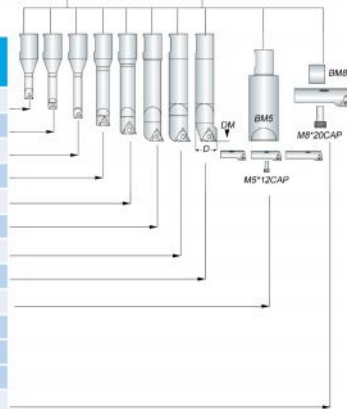


技术参数 | Technical data

规格 Spec.	镗刀头 [boring head]	镗孔范围 [mm]	精度 [mm]	L [mm]
NT40-HBOR63	HBOR63	6-150	0.002	55
NT50-HBOR63	HBOR63	6-150	0.002	65
BT40-HBOR63	HBOR63	6-150	0.002	55
BT50-HBOR50	HBOR63	6-150	0.002	65
BT50-HBOR63	HBOR63	6-150	0.002	85
SK40-HBOR63	HBOR63	6-150	0.002	60
SK50-HBOR63	HBOR63	6-150	0.002	65
HSK63HBOR63	HBOR63	6-150	0.002	67



规格 Spec.	镗孔范围D [boring range]	深度DM [mm]	刀片 [insert]	螺丝/扳手 [screw/wrench]
BR1606-21	6-9	21	WBGTO601...L	SB-1STR-M2/T6
BR1608-28	8-11	28	TBGT0601...L	SB-1STR-M2/T6
BR1610-35	10-13	35	TBGT0601...L	SB-1STR-M2/T6
BR1612-42	12-15	42	TPGH0902...L	SB-2TR-M2.5/T8
BR1614-50	14-17	50	TPGH0902...L	SB-2TR-M2.5/T8
BR16-16-60	16-20	60	TPGH0902...L	SB-2TR-M2.5/T8
BR1620-65	20-24	65	TPGH1103...L	SB-3TR-M3/T8
BR1624-68	24-28	68	TPGH1103...L	SB-3TR-M3/T8
BM5	60+SRTP2938/SRTB3652/SRTP4468			M5x12CPA
SRTP2938	29-38	+10	TPGH0902...L	SB-2TR-M2.5/T8
SRTP3652	36-52	+12	TPGH0902...L	SB-2TR-M2.5/T8
SRTP4468	44-68	+12	TPGH0902...L	SB-2TR-M2.5/T8
BM8	+SRTB70110/SRTP110150			M8x20CPA
SRTP70110	70-110	+20	TPGH1103...L	SB-3TR-M3/T8
SRTP110150	110-150	+20	TPGH1103...L	SB-3TR-M3/T8



技术参数 | Technical data

规格 Spec.	d [mm]	D [mm]	L [mm]	接合镗刀头 [applicable boring heads]
LBK1-1-30L	11	19	30	RBH20;CBH20
LBK2-2-30L	14	24	30	RBH25;CBH25
LBK3-3-30L	18	31	30	RBH32;CBH32
LBK3-3-45L	18	31	45	RBH32;CBH32
LBK3-3-60L	18	31	60	RBH32;CBH32
LBK4-4-45L	22	39	45	RBH40;CBH40;CBH4
LBK5-5-60L	28	50	60	RBH52;CBH52;CBH5
LBK6-6-60L	36	64	60	RBH68, RBH90; CBH68, 100, 150; CBH6
BST-BST-100L	50	95	100	RBH120以上; CBH200以上

**i** 可另外选购

客制化：按要求定制其他尺寸和特殊设计；

**i** Available as an optional purchase

Customization: Customized in other sizes and special designs as required.

**技术参数 | Technical data**

规格 Spec.	L [mm]	D [mm]	接合镗刀头 [applicable boring heads]
BT30	-LBK1-50	50	CBH20
	-LBK1-55	55	CBH20
	-LBK2-70	70	RBH25;CBH25
	-LBK2-75	75	RBH25;CBH25
	-LBK2-80	80	RBH25;CBH25
	-LBK2-85	85	RBH25;CBH25
	-LBK3-50	50	RBH32;CBH32
	-LBK3-60	60	RBH32;CBH32
	-LBK3-80	80	RBH32;CBH32
	-LBK3-85	85	RBH32;CBH32
	-LBK4-70	70	RBH40;CBH40;CB14
	-LBK5-60	60	RBH52;CBH52;CB15
	-LBK5-70	70	RBH52;CBH52;CB15
	-LBK5-80	80	RBH52;CBH52;CB15
	-LBK6-60	60	RBH68,90;CBH68,100,150;CB16
-LBK6-65	65	RBH68,90;CBH68,100,150;CB16	
-LBK6-70	70	RBH68,90;CBH68,100,150;CB16	
BT40	-LBK1-75	75	CBH20
	-LBK1-100	100	CBH20
	-LBK1-105	105	CBH20
	-LBK2-75	75	RBH25;CBH25
	-LBK2-85	85	RBH25;CBH25
	-LBK2-105	105	RBH25;CBH25
	-LBK2-115	115	RBH25;CBH25
	-LBK2-145	145	RBH25;CBH25
	-LBK2-165	165	RBH25;CBH25
	-LBK2-280	280	RBH25;CBH25
	-LBK3-80	80	RBH32;CBH32
	-LBK3-95	95	RBH32;CBH32
	-LBK3-125	125	RBH32;CBH32
	-LBK3-135	135	RBH32;CBH32
	-LBK3-155	155	RBH32;CBH32
	-LBK3-215	215	RBH32;CBH32
	-LBK4-70	70	RBH40;CBH40;CB14
	-LBK4-85	85	RBH40;CBH40;CB14

规格 Spec.	L [mm]	D [mm]	接合镗刀头 [applicable boring heads]
BT40	-LBK4-130	130	RBH40;CBH40;CB14
	-LBK4-175	175	RBH40;CBH40;CB14
	-LBK5-60	60	RBH52;CBH52;CB15
	-LBK5-75	75	RBH52;CBH52;CB15
	-LBK5-125	125	RBH52;CBH52;CB15
	-LBK5-175	175	RBH52;CBH52;CB15
	-LBK6-65	65	RBH68,90;CBH68,100,150;CB16
	-LBK6-115	115	RBH68,90;CBH68,100,150;CB16
	-LBK6-165	165	RBH68,90;CBH68,100,150;CB16
BT50	-LBK1-115	115	CBH20
	-LBK1-140	140	CBH20
	-LBK2-110	110	RBH25;CBH25
	-LBK2-140	140	RBH25;CBH25
	-LBK3-100	100	RBH32;CBH32
	-LBK3-125	125	RBH32;CBH32
	-LBK3-155	155	RBH32;CBH32
	-LBK3-175	175	RBH32;CBH32
	-LBK3-215	215	RBH32;CBH32
	-LBK4-115	115	RBH40;CBH40;CB14
	-LBK4-125	125	RBH40;CBH40;CB14
	-LBK4-145	145	RBH40;CBH40;CB14
	-LBK4-155	155	RBH40;CBH40;CB14
	-LBK4-175	175	RBH40;CBH40;CB14
	-LBK4-205	205	RBH40;CBH40;CB14
	-LBK5-105	105	RBH52;CBH52;CB15
	-LBK5-140	140	RBH52;CBH52;CB15
	-LBK5-150	150	RBH52;CBH52;CB15
	-LBK5-180	180	RBH52;CBH52;CB15
	-LBK5-210	210	RBH52;CBH52;CB15
	-LBK5-240	240	RBH52;CBH52;CB15
-LBK6-95	95	RBH68,90;CBH68,100,150;CB16	
-LBK6-120	120	RBH68,90;CBH68,100,150;CB16	
-LBK6-150	150	RBH68,90;CBH68,100,150;CB16	
-LBK6-170	170	RBH68,90;CBH68,100,150;CB16	
-LBK6-205	205	RBH68,90;CBH68,100,150;CB16	
-LBK6-230	230	RBH68,90;CBH68,100,150;CB16	
-LBK6-290	290	RBH68,90;CBH68,100,150;CB16	



可另外选购

客制化：按要求定制其他尺寸和特殊设计；



Available as an optional purchase

Customization: Customized in other sizes and special designs as required.



## BT-BST镗刀杆

BT-BST Taper Shank for Boring Heads

PILIK

PILIK

砂轮刀杆  
Grinding Wheel Tool Holder



### 技术参数 | Technical data

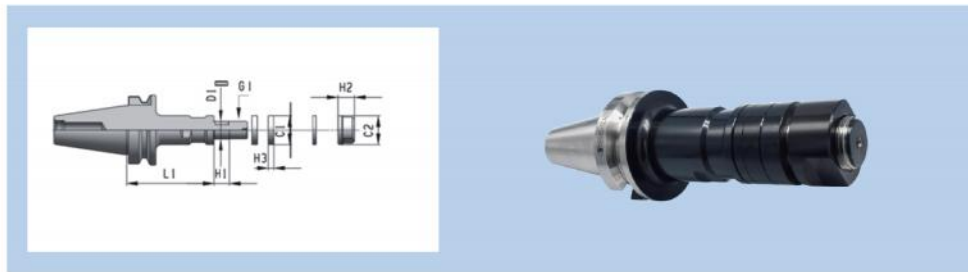
规格 Spec.	L [mm]	D [mm]	接合镗刀头 [applicable boring heads]
BT40	-BST-70	70	RBH120以上; CBH200以上
	-BST-100	100	RBH120以上; CBH200以上
	-BST-150	150	RBH120以上; CBH200以上
BT50	-BST-200	200	RBH120以上; CBH200以上
	-BST-250	250	RBH120以上; CBH200以上
	-BST-300	300	RBH120以上; CBH200以上
	-BST-350	350	RBH120以上; CBH200以上
	-BST-400	400	RBH120以上; CBH200以上



## BT-SCA侧铣刀杆

BT-SCA Side Cutter Chuck

PILIK



### 技术参数 | Technical data

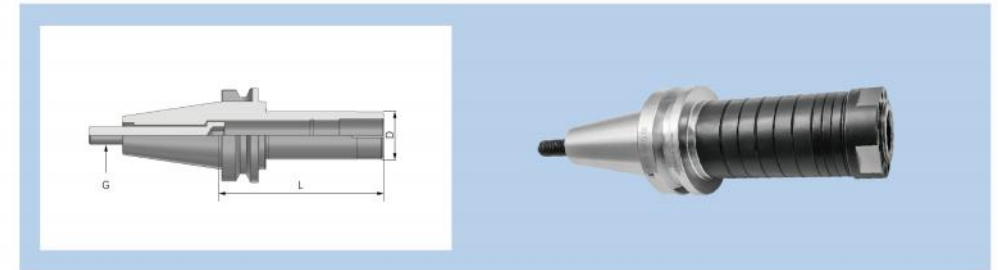
规格 Spec.	D1 [mm]	L1 [mm]	G1 [mm]	H1 [mm]	H3 [mm]	H2 [mm]	C1 [mm]	C2 [mm]
BT30	-SCA13-55	13	55	M12x1.25	15	5x10x20	12	20
	-SCA13-90	13	90	M12x1.25	15	5x10x20	12	20
BT40	-SCA16-80	16	80	M16x1.5	16	5x10x20	13	26
	-SCA22-80	22	80	M20x1.5	21	5x10x20	18	34
	-SCA27-80	27	80	M24x2.0	25	5x10x20	21	40
	-SCA32-90	32	90	M30x2.0	30	5x10x20	26	46

### 产品特点

- 螺丝拉杆型 (拉丁型通配)
- 支持各种尺寸规格定制

### Features

- Screw-type drawbar and drawbar type (optional)
- Custom sizes and specifications available



### 技术参数 | Technical data

规格 Spec.	D [mm]	L [mm]	G
BT40	-OD25.4-80	25.4	80
	-OD31.75-80	31.75	80
	-OD31.75-100	31.75	100
	-OD31.75-150	31.75	150
	-OD32-80	32	80
	-OD32-100	32	100
	-OD32-150	32	150
BBT40	-OD25.4-80	25.4	80
	-OD31.75-80	31.75	80
	-OD31.75-100	31.75	100
	-OD31.75-150	31.75	150
	-OD32-80	32	80
	-OD32-100	32	100
	-OD32-150	32	150

**i** 可另外选购

客制化: 按要求定制其他尺寸和特殊设计;  
附有拉钉类型: 可选配

**i** Available as an optional purchase

Customization: Customized in other sizes and special designs as required  
Drawbar types: Optional.

产品特点

- 用于对刀仪测量
- 本体精度: < 0.003mm

Features

- For tool setter measurement
- Radial Runout of Body: < 0.003 mm

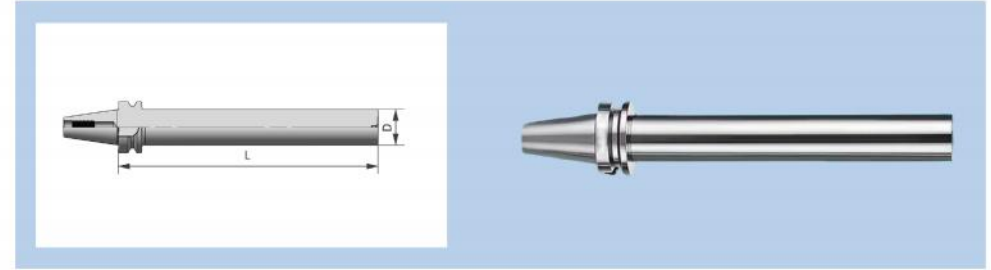


产品特点

- 皆通过真圆测试机, 精确检验通过
- 支持定制


Features

- Compatible with Hexagon probes
- Custom sizes and specifications available



技术参数 | Technical data

规格 Spec.	D [mm]	L [mm]
BT30-HSK40	30	32
BT30-ISOT11	11	33
BT30-ISO20	22.22	33
BT30-ISO25	25.4	33
BT40-BT30	31.75	27
BT40-HSK50	38	30
BT50-BT30	31.75	38
BT50-BT40	44.45	38
BT50-HSK32	24	39
BT50-HSK40	30	39
BT50-HSK50	38	39
BT50-HSK63	48	39
BT50-HSK80	60	47
BT50-HSK100	75	98
HSK40E-HSK32E	24	40
HSK40E-BT30	31.75	68.4
HSK40E-ISO25	25.4	65
HSK63A-HSK50F	30	49

 可另外选购

客制化: 按要求定制其他尺寸和特殊设计;  
附有螺丝拉杆类型: 可进行机加工作业

 Available as an optional purchase


Customization: Customized in other sizes and special designs as required  
Screw-type drawbar included: Enables machining operations;  
Screw-type drawbar types: Supports machining operations.

技术参数 | Technical data

规格 Spec.	D [mm]	L [mm]
BT30	-TA30-200	200
	-TA30-250	250
	-TA30-300	300
BT40	-TA40-250	250
	-TA40-300	300
	-TA40-350	350
BT50	-TA40-300	300
	-TA40-350	350
	-TA40-400	400
	-TA50-300	300
BBT30	-TA30-250	250
	-TA32-235	235
BBT40	-TA30-250	250
	-TA20-150	150
ISO20	-TA20-150	150
	-TA20-200	200
ISO25	-TA20-150	150
	-TA20-200	200
ISO30	-TA30-250	250

 可另外选购

客制化: 按要求定制其他尺寸和特殊设计;

 Available as an optional purchase

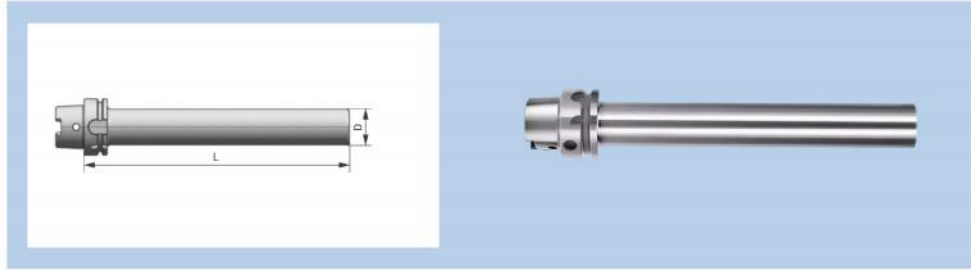
Customization: Customized in other sizes and special designs as required.

产品特点

- 皆通过真圆测试机，精确检验通过
- 支持定制

Features

- Compatible with Hexagon probes
- Custom sizes and specifications available

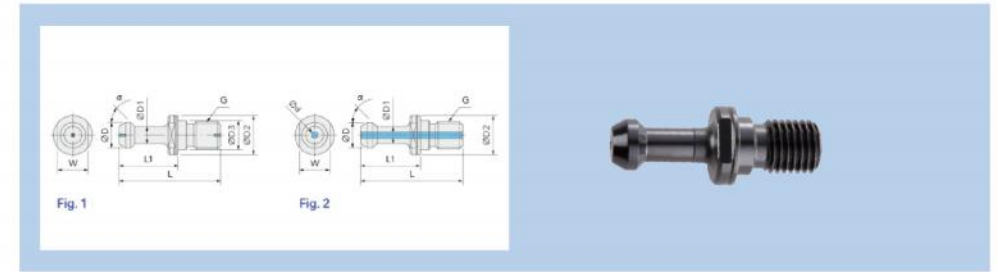


产品特点

标准型&中心出水

Features

Standard Pull Studs and Center Water-Cooled Pull Studs



技术参数 | Technical data

规格 Spec.	D [mm]	L [mm]
HSK25A-TA25-120	25	120
HSK32A-TA25-120	25	120
HSK40A-TA25-200	25	200
HSK40A-TA30-200	30	200
HSK50A-TA30-200	30	200
HSK50A-TA36-300	36	300
HSK63A-TA40-200	40	200
HSK63A-TA40-300	40	300
HSK100A-TA50-300	50	300
HSK25E-TA25-120	25	120
HSK32E-TA25-120	25	120
HSK32E-TA25-200	25	200
HSK40E-TA30-200	30	200
HSK50E-TA30-200	30	200

**i** 可另外选购  
客制化：按要求定制其他尺寸和特殊设计

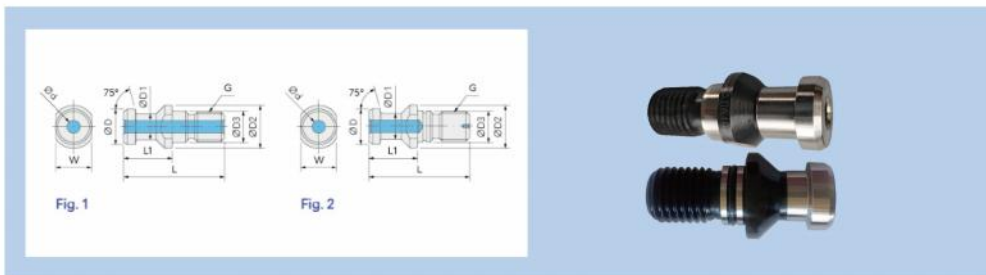
**i** Available as an optional purchase  
Customization: Customized in other sizes and special designs as required  
Screw-type drawbar included: Enables machining operations.

技术参数 | Technical data

规格 Spec.	Fig.	D [mm]	D1 [mm]	D2 [mm]	D3 [mm]	L [mm]	L1 [mm]	G	W
BT30-45°	1	11	7	16.5	12.5	43	23	M12	13
BT30-60°	1	11	7	16.5	12.5	43	23	M12	13
BT30-90°	1	11	7	16.5	12.5	43	23	M12	13
BT40-45°	1	15	10	23	17	60	35	M16	19
BT40-60°	1	15	10	23	17	60	35	M16	19
BT40-90°	1	15	10	23	17	60	35	M16	19
BT50-45°	1	23	17	38	25	85	45	M24	30
BT50-60°	1	23	17	38	25	85	45	M24	30
BT50-90°	1	23	17	38	25	85	45	M24	30

技术参数 | Technical data

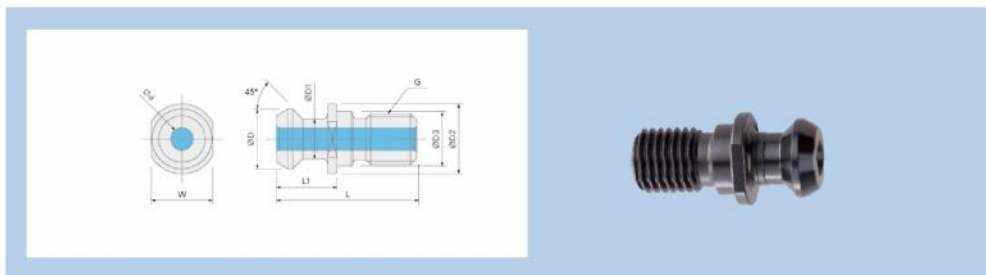
规格 Spec.	Fig.	d [mm]	D [mm]	D1 [mm]	D2 [mm]	D3 [mm]	L [mm]	L1 [mm]	G	W
BT30-45°-W	2	2.5	11	7	16.5	12.5	43	23	M12	13
BT30-60°-W	2	2.5	11	7	16.5	12.5	43	23	M12	13
BT30-90°-W	2	2.5	11	7	16.5	12.5	43	23	M12	13
BT40-45°-W	2	4	15	10	23	17	60	35	M16	19
BT40-60°-W	2	4	15	10	23	17	60	35	M16	19
BT40-90°-W	2	4	15	10	23	17	60	35	M16	19
BT50-45°-W	2	7	23	17	38	25	85	45	M24	30
BT50-60°-W	2	7	23	17	38	25	85	45	M24	30
BT50-90°-W	2	7	23	17	38	25	85	45	M24	30



技术参数 | Technical data

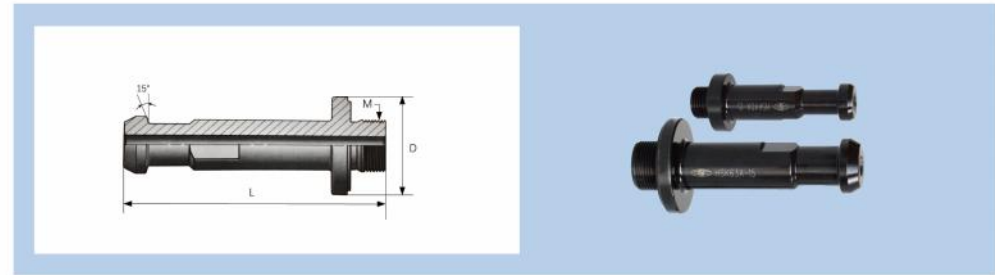
规格 Spec.	Fig.	d [mm]	D [mm]	D1 [mm]	D2 [mm]	D3 [mm]	L [mm]	L1 [mm]	G	W
DIN30-A (带通孔)	1	--	13	9	17	13	44	24	M12	14
DIN40-A (带通孔)	1	7	19	14	23	17	54	26	M16	19
DIN50-A (带通孔)	1	11.5	28	21	36	25	74	34	M24	30

规格 Spec.	Fig.	d [mm]	D [mm]	D1 [mm]	D2 [mm]	D3 [mm]	L [mm]	L1 [mm]	G	W
DIN30-B	2	--	13	9	17	13	44	24	M12	14
DIN40-B	2	7	19	14	23	17	54	26	M16	19
DIN50-B	2	11.5	28	21	36	25	74	34	M24	30



技术参数 | Technical data

规格 Spec.	d [mm]	D [mm]	D1 [mm]	D2 [mm]	D3 [mm]	L [mm]	L1 [mm]	G	W
MAZAK BT40	7	18.8	12.45	22	17	44.1	19.1	M16	19
MAZAK BT50	10	29.0	20.83	37	25	65.2	25.2	M24	30



技术参数 | Technical data

规格 Spec.	D [mm]	L [mm]	螺牙
HSK40A-15°	21	58	M12
HSK63A-15°	34	80	M18



技术参数 | Technical data

规格 Spec.	规格 Spec.	规格 Spec.
BT30	MAZAK-BT40	DIN40(69872)
BT40	MAZAK-BT50	DIN50(69872)
BT50	---	---



技术参数 | Technical data

规格 Spec.	规格 Spec.	规格 Spec.
BT30A	BT30S	TLD-BT30S
BT40A	ISO20	TLD-HSK32
BT50A	ISO25	TLD-HSK40
--	ISO30	TLD-HSK50
--	HSK25	TLD-HSK63
--	HSK32	TLD-HSK100
--	HSK40	--
--	HSK50	--



技术参数 | Technical data

品名 Pro.	规格 Spec.
超硬膜偏心式寻边器	HME-420
回转式寻边器长款	TREF-540
回转式寻边器短款	TREF-535
回转式寻边器套装	TREF-540&TREF-535

衬套  
(Machined Bushing)



定制热缩刀杆  
(Custom Heat-Shrink Tool Holder)



定制夹头  
(Custom Collet)



液压夹具  
(Hydraulic Fixture)



砂轮刀杆  
(Grinding Wheel Arbor)



砂轮刀杆  
(Grinding Wheel Arbor)



三面刃刀盘  
(Side and Face Milling Cutter)



定制刀盘  
(Custom Cutter Body)



插齿刀杆  
(Gear Shaper Cutter Arbor)





快速钻头 (U Drill)  
长度1D-5D、直径SD13-SD60  
刀片SP&WC



切削铣刀 (Milling Cutter)  
圆刃端铣刀、直角铣刀、高速铣刀  
大进给切削刀具



主轴拉爪 (Gripper)  
BT、HSK、CAT



加长杆 (Extension Tool)  
ER加长杆、小径侧固式加长杆  
车床筒夹加长杆



专机用夹头 (Special Collet)  
三瓣夹头、多瓣夹头



磨床磨杆 (Grinding Rod)  
砂轮磨杆、内孔磨磨杆



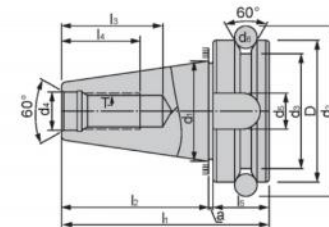
角度头专用刀柄  
BT30、BT40、BT50  
HSK63A



拉刀杆 (Broach Bar)

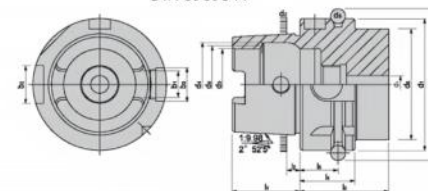


三点组合模具校刀器  
BT30、BT40、BT50  
HSK-A、HSK-E



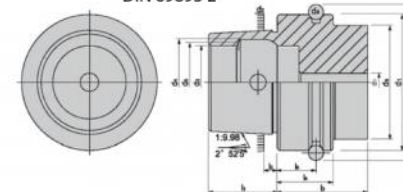
规格	D (h8)	d1	d2	d3	d4 (H12)	d5	d6	l1	l2 (±0.2)	l3 (min)	l4 (min)	l5	a (±0.4)	T (6H)
BT30	46	31.75	56.14	38	12.5	16.1	8	70.4	68.4	34	24	20	2	M12×1.75P
BT40	63	44.45	75.79	53	17	16.1	10	92.4	65.4	43	30	25	2	M16×2.0P
BT50	100	69.85	119.02	83	25	25.7	15	139.8	101.8	62	45	35	3	M24×3.0P

DIN 69893 A



规格	d1 (h10)	d2	d3 (H10)	d4 (H11)	d5	d6 (Max)	d7 (±0.1)	d8	d9	l1 (±0.2)	l2	l3 (min)	l4 (±0.1)	l5 (±0.1)	b1 (±0.4)	b2 (10H)	b3 (10H)
HSK32	32	24.007	17	20.5	19	26	37	4	4.2	16	3.2	35	20	16	7.05	7	9
HSK40	40	30.007	21	25.5	23	34	45	4	5	20	4	35	20	16	8.05	9	11
HSK50	50	38.009	26	32	29	42	59.3	7	6.8	25	5	42	26	18	10.54	12	14
HSK63	63	48.010	34	40	37	53	72.3	7	8.4	32	6.3	42	26	18	12.54	16	18
HSK100	100	75.013	53	63	58	88	109.75	7	12	50	10	45	29	20	20.02	20	22

DIN 69893 E



规格	d1 (h10)	d2	d3 (H10)	d4 (H11)	d5	d6 (Max)	d7 (±0.1)	d8	d9	l1 (±0.2)	l2	l3 (min)	l4 (±0.1)	l5 (±0.1)
HSK25	25	19	14	16.4	15	20	28.5	2	--	13	2.5	20	10	4.5
HSK32	32	24	17	21	19	26	37	3	4.2	16	3.2	35	20	16
HSK40	40	30.007	21	25.5	23	34	45	4	5	20	4	35	20	16
HSK50	50	38.009	26	32	29	42	59.3	7	6.8	25	5	42	26	18
HSK63	63	48.010	34	40	37	53	72.3	7	8.4	32	6.3	42	26	18