



厦门金鹭特种合金有限公司
XIAMEN GOLDEN EGRET SPECIAL ALLOY CO., LTD.

工具系统

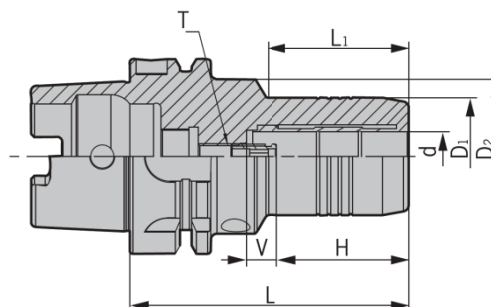
Tool System



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HSK-A-DHP 液压刀柄
HSK-A-DHP Hydraulic Chuck



型号 Specification		尺寸 Dimension								适用筒夹 Suit collet	扳手 Wrench	重量 Weight
		d	D1	D2	H	V	L1	L	T			
HSK40A-	DHP6-70	6	28	34	27.5	10	28	70	M5X0.8	-	T04	0.55
	DHP8-70	8	30	34	27.5	10	28	70	M6X1.0	-	T04	0.56
	DHP10-75	10	32	34	32.5	10	34	75	M6X1.0	-	T04	0.61
	DHP12-85	12	34	34	37.5	10	-	85	M6X1.0	D12/OD12	T04	0.68
HSK50A-	DHP6-70	6	28	40	27.5	10	28	70	M5X0.8	-	T04	0.74
	DHP8-70	8	30	40	27.5	10	28	70	M5X0.8	-	T04	0.75
	DHP10-75	10	32	40	32.5	10	34	75	M5X0.8	-	T04	0.82
	DHP12-85	12	34	40	37.5	10	44	85	M8X1.0	D12/OD12	T04	0.87
	DHP14-85	14	36	40	37.5	10	44	85	M8X1.0	-	T04	0.90
	DHP16-90	16	38	60	42.5	10	30	90	M8X1.0	-	T04	0.94
	DHP18-90	18	41	-	42.5	10	-	90	M8X1.0	-	T04	0.96
	DHP20-90	20	42	-	42.5	10	-	90	M8X1.0	D20/OD20	T04	0.99
HSK63A-	DHP6-70	6	28	50	27.5	10	24	70	M5X0.8	--	T04	1.01
	DHP8-70	8	30	50	27.5	10	24	70	M6X1.0	-	T04	1.02
	DHP10-75	10	32	50	32.5	10	35	75	M8X1.0	-	T04	1.08
	DHP12-85	12	34	50	37.5	10	40	85	M8X1.0	D12/OD12	T04	1.13
	DHP14-85	14	36	50	37.5	10	40	85	M8X1.0	-	T04	1.17
	DHP16-90	16	38	50	42.5	10	46	90	M8X1.0	-	T04	1.21
	DHP18-90	18	41	50	42.5	10	47	90	M8X1.0	-	T04	1.22
	DHP20-90	20	43	50	42.5	10	48	90	M8X1.0	D20/OD20	T04	1.25
	DHP25-120	25	57	63	51	10	59	120	M16X1.0	-	T05	2.17
	DHP32-125	32	63	75	55	10	63	125	M16X1.0	D32/OD32	T05	2.54
HSK100A-	DHP6-75	6	28	54	27.5	10	26	75	M5X0.8	-	T04	2.4
	DHP8-75	8	30	54	27.5	10	26	75	M6X1.0	-	T04	2.41
	DHP10-90	10	32	50	32.5	10	42	90	M8X1.0	-	T04	2.48
	DHP12-95	12	34	50	37.5	10	47	95	M8X1.0	D12/OD12	T04	2.53
	DHP14-95	14	36	50	37.5	10	47	95	M8X1.0	-	T04	2.58
	DHP16-100	16	38	50	42.5	10	53	100	M8X1.0	-	T04	2.61
	DHP18-100	18	41	50	42.5	10	53	100	M8X1.0	-	T04	2.66
	DHP20-105	20	43	50	42.5	10	59	105	M8X1.0	D20/OD20	T04	2.75
	DHP25-120	25	57	63	51	10	62	120	M8X1.0	-	T05	3.39
	DHP32-125	32	63	75	55	10	62	125	M8X1.0	D32/OD32	T05	3.66

注：报价时含扳手，筒夹需单独订购。

Notice: Wrench is included, while collet shall be ordered separately.

特点 / Feature

■ DHP 刀具系列用途高转速、高精密切削加工，切削效果佳。

■ 动平衡设定: G2.5; 20,000 rpm。

■ 3D 处径向跳动 0.003 mm。

■ For high-speed and high precision cutting;

■ Balanced: G2.5; 20,000 rpm;

■ Runout (X3D): < 0.003 mm.

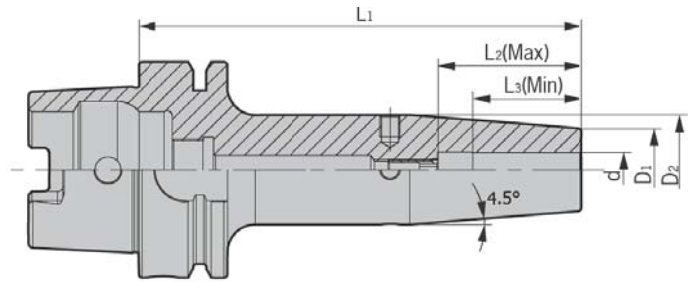
HSK-A-DHP 液压刀柄（加长款）

HSK-A-DHP Hydraulic Chuck

型号 Specication		尺寸 Dimension								适用筒夹 Suit collet	扳手 Wrench	重量 Weight
HSK63A-	DHP6-150	6	28	50	27.5	10	103	150	M5X0.8	-	T04	1.3
	DHP6-200	6	28	50	27.5	10	103	200	M5X0.8	-	T04	1.65
	DHP8-150	8	30	50	27.5	10	104	150	M6X1.0	-	T04	1.44
	DHP8-200	8	30	50	27.5	10	104	200	M6X1.0	-	T04	1.74
	DHP10-150	10	32	50	32.5	10	104	150	M6X1.0	-	T04	1.51
	DHP10-200	10	32	50	32.5	10	104	200	M6X1.0	-	T04	1.9
	DHP12-150	12	34	50	37.5	10	105	150	M6X1.0	D12/OD12	T04	1.58
	DHP12-200	12	34	50	37.5	10	105	200	M6X1.0	D12/OD12	T04	1.92
	DHP14-150	14	36	50	37.5	10	105	150	M6X1.0	-	T04	2.11
	DHP14-200	14	36	50	37.5	10	105	200	M6X1.0	-	T04	2.52
	DHP16-150	16	38	50	42.5	10	106	150	M8X1.0	-	T04	1.71
	DHP16-200	16	38	50	42.5	10	106	200	M8X1.0	-	T04	2.46
	DHP18-150	18	41	50	42.5	10	107	150	M8X1.0	-	T04	1.83
	DHP18-200	18	41	50	42.5	10	107	200	M8X1.0	-	T04	2.55
	DHP20-150	20	43	50	42.5	10	108	150	M8X1.0	D20/OD20	T04	1.91
	DHP20-200	20	43	50	42.5	10	108	200	M8X1.0	D20/OD20	T04	2.67

HSK-A-SF 热装刀柄（一体式）

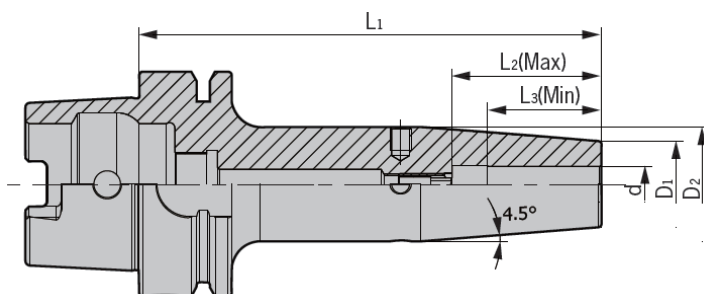
HSK-A-SF Shrink Fit Holder



型号 Specification		尺寸 Dimension						重量 Weight
		d	D1	D2	L1	L2 (Max)	L3 (Min)	
HSK63A-	SF3-80	3	10	10	80	-	9	0.50
	SF4-80	4	10	10	80	-	12	0.60
	SF5-80	5	10	10	80	-	15	0.70
	SF6-80	6	21	27	80	28	18	0.80
	SF6-130	6	21	27	130	28	18	1.00
	SF6-160	6	21	27	160	28	18	1.20
	SF8-80	8	21	27	80	34	24	0.80
	SF8-130	8	21	27	130	34	24	1.02
	SF8-160	8	21	27	160	34	24	1.25
	SF10-85	10	24	32	85	40	30	0.90
	SF10-130	10	24	32	130	40	30	1.17
	SF10-160	10	24	32	160	40	30	1.45
	SF12-90	12	24	32	90	40	30	0.92
	SF12-130	12	24	32	130	40	30	1.15
	SF12-160	12	24	32	160	40	30	1.55
	SF14-90	14	27	34	90	42	32	0.95
	SF14-130	14	27	34	130	42	32	1.18
	SF14-160	14	27	34	160	42	32	1.60
	SF16-95	16	27	34	95	42	32	1.00
	SF16-130	16	27	34	130	42	32	1.21
	SF16-160	16	27	34	160	42	32	1.65
	SF18-95	18	33	42	95	50	40	1.05
	SF18-130	18	33	42	130	50	40	1.25
	SF18-160	18	33	42	160	50	40	1.70
	SF20-100	20	33	42	100	50	40	1.20
	SF20-130	20	33	42	130	50	40	1.49
	SF20-160	20	33	42	160	50	40	1.80
	SF25-115	25	44	53	115	55	45	1.98
	SF25-160	25	44	53	160	55	45	2.10
	SF32-120	32	44	53	120	60	50	2.10
	SF32-160	32	44	53	160	60	50	2.60

HSK-A-SF 热装刀柄（一体式）

HSK-A-SF Shrink Fit Holder

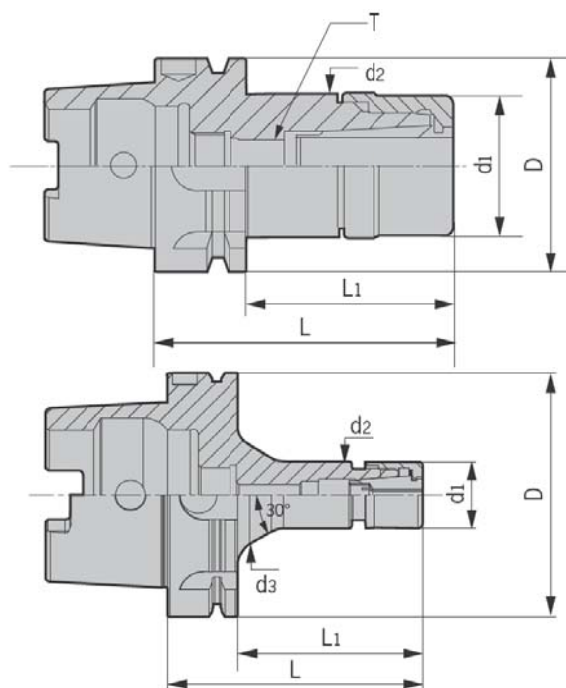


型号 Specification		尺寸 Dimension						重量 Weight
		d	D1	D2	L1	L2 (Max)	L3 (Min)	
HSK100A-	SF6-85	6	21	27	85	28	18	2.00
	SF6-130	6	21	27	130	28	18	2.30
	SF6-160	6	21	27	160	28	18	2.62
	SF8-85	8	21	27	85	34	24	2.00
	SF8-130	8	21	27	130	34	24	2.30
	SF8-160	8	21	27	160	34	24	2.65
	SF10-90	10	24	32	90	40	30	2.20
	SF10-130	10	24	32	130	40	30	2.40
	SF10-160	10	24	32	160	40	30	2.70
	SF12-95	12	24	32	95	40	30	2.30
	SF12-130	12	24	32	130	40	30	2.50
	SF12-160	12	24	32	160	40	30	2.75
	SF14-95	14	27	34	95	42	32	2.35
	SF14-130	14	27	34	130	42	32	2.60
	SF14-160	14	27	34	160	42	32	2.85
	SF16-100	16	27	34	100	42	32	2.50
	SF16-130	16	27	34	130	42	32	2.80
	SF16-160	16	27	34	160	42	32	3.13
	SF18-100	18	33	42	100	50	40	2.55
	SF18-130	18	33	42	130	50	40	2.85
	SF18-160	18	33	42	160	50	40	3.21
	SF20-105	20	33	42	105	50	40	2.60
	SF20-130	20	33	42	130	50	40	2.90
	SF20-160	20	33	42	160	50	40	3.25
	SF25-115	25	44	53	115	55	45	2.80
	SF25-160	25	44	53	160	55	45	3.40
	SF32-120	32	44	53	120	60	50	3.20
	SF32-160	32	44	53	160	60	50	3.60

特点/Feature

- 动平衡设定: G2.5; 25,000 rpm。 ■Balanced: G2.5; 25,000 rpm;
- 3D 处径向跳动 0.005 mm。 ■Runout (X3D): < 0.005 mm.

HSK-A-GSK 高速精密筒夹刀柄
HSK-A-GSK High-speed Collet

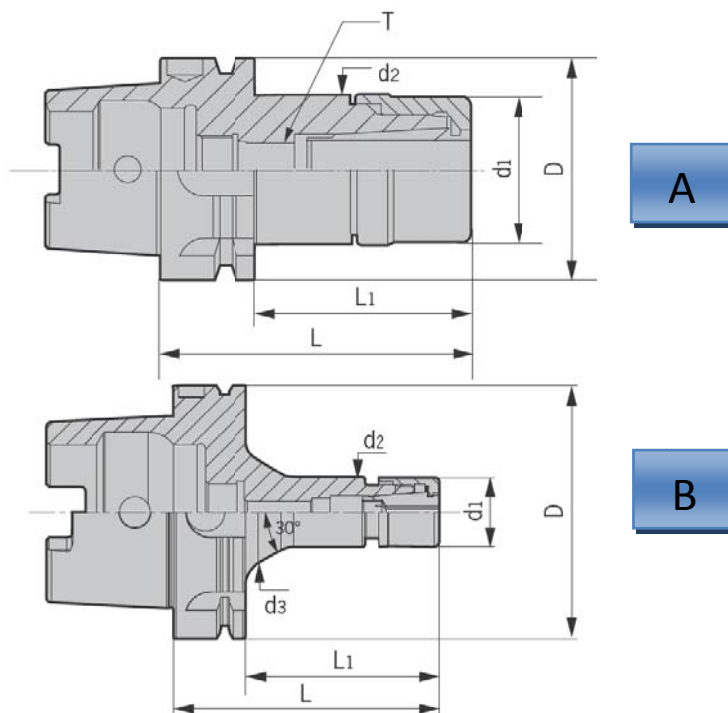


A

B

型号 Specification		图示 Figure	尺寸 Dimension								适用筒夹 Suit collet	重量 Weight
			D	d1	d2	d3	a	L	L1	T		
HSK40A-	GSK6-60	A	40	19.5	20	-	-	60	40	-	DSK6	0.47
	GSK10-75	A	40	27	27.5	-	-	75	55	-	DSK10	0.5
HSK50A-	GSK6-60	A	50	19.5	20	-	-	60	34	-	DSK6	0.60
	GSK6-80P	A	50	19.5	20	-	-	80	54	M6x1	DSK6	0.80
	GSK10-75	A	50	27	27.5	-	-	75	49	-	DSK10	1.00
	GSK10-100P	A	50	27	27.5	-	-	100	74	M10x1.5	DSK10	1.20
	GSK16-80	A	50	40	40.5	-	-	80	54	-	DSK16	1.75
	GSK16-100P	A	50	40	40.5	-	-	100	74	M16x2	DSK16	2.00
	GSK20-100	A	50	48	48.5	-	-	100	74	-	DSK20	2.10
HSK63A-	GSK6-80P	A	63	19.5	20	-	-	80	54	M6x1	DSK6	0.85
	GSK6-100P	A	63	19.5	20	-	-	100	74	M6x1	DSK6	0.95
	GSK10-75	A	63	27	27.5	-	-	75	49	-	DSK10	1.00
	GSK10-100P	A	63	27	27.5	-	-	100	74	M10x1.5	DSK10	1.40
	GSK16-80	A	63	40	40.5	-	-	80	54	-	DSK16	2.00
	GSK16-100P	A	63	40	40.5	-	-	100	74	M16x2	DSK16	2.30
	GSK16-120P	A	63	40	40.5	-	-	120	94	M16x2	DSK16	2.50
	GSK20-100	A	63	48	48.5	-	-	100	74	-	DSK20	2.45
	GSK20-120P	A	63	48	48.5	-	-	120	94	M16x2	DSK20	2.65
	GSK25-100	A	63	55	55	-	-	100	74	-	DSK25	2.30
	GSK25-120P	A	63	55	55	-	-	120	94	M20x2	DSK25	2.70

HSK-A-GSK 高速精密筒夹刀柄
HSK-A-GSK High-speed Collet



型号 Specification		图示 Figure	尺寸 Dimension								适用筒夹 Suit collet	重量 Weight
			D	d1	d2	d3	a	L	L1	T		
HSK100A-	GSK10-105P	B	100	27	27.5	40.3	30°	105	76	M10x1.5	DSK10	2.60
	GSK10-135P	B	100	27	27.5	40.3	30°	135	106	M10x1.5	DSK10	2.80
	GSK16-105P	A	100	40	40.5	-	-	105	76	M16x2	DSK16	2.80
	GSK16-135P	A	100	40	40.5	-	-	135	106	M16x2	DSK16	3.10
	GSK20-120P	A	100	48	48.5	-	-	120	91	M16x2	DSK20	3.00
	GSK20-150P	A	100	48	48.5	-	-	150	121	M16x2	DSK20	3.30
	GSK25-120P	A	100	55	55	-	-	120	91	M20x2	DSK25	3.20
	GSK25-150P	A	100	55	55	-	-	150	121	M20x2	DSK25	3.50

注：筒夹与扳手需单独另购,水螺帽与端面出水螺帽详见配件。

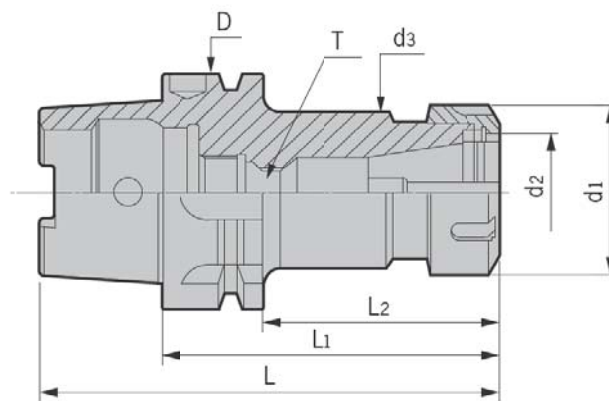
Notice: Collets and wrenchs shall be ordered separately.

特点 / Feature

■动平衡设定: G2.5; 25,000 rpm。 ■Balanced: G2.5; 25,000 rpm;

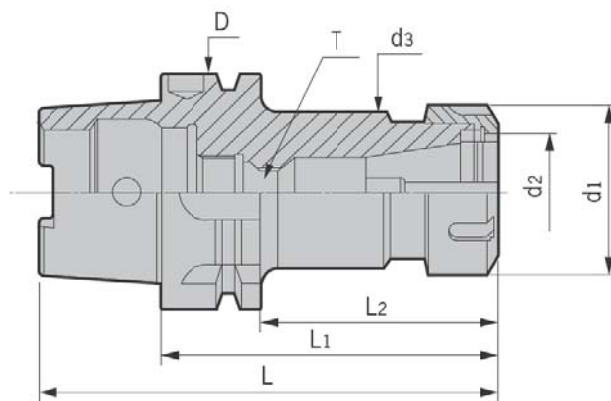
■3D 处径向跳动 0.005 mm。 ■Runout (X3D): < 0.005 mm.

HSK-A-ER 弹性筒夹刀柄
HSK-A-ER Spring Collet Chuck



型号 Specification		尺寸 Dimension							重量 Weight
		D	d1	d2	L1	L2	L	T	
HSK40A-	ER20-80	40	34	20	80	60	100	-	0.55
	ER25-80	40	42	25	80	60	100	-	0.65
	ER32-100	40	50	32	100	80	120	M10X1.5P	0.90
HSK50A-	ER16-75	50	28	16	75	34	85	-	0.50
	ER16-100	50	28	16	100	74	125	M10X1.5P	0.60
	ER20-75	50	34	20	75	44	95	-	0.70
	ER20-100	50	34	20	100	74	125	M12X1.75P	0.90
	ER25-80	50	42	25	80	44	95	M16X2.0P	1.00
	ER25-100	50	42	25	100	74	125	-	1.10
	ER25-135	50	42	25	135	109	160	M16X2.0P	1.40
	ER32-100	50	50	32	100	74	125	-	1.45
	ER32-135	50	50	32	135	109	160	M16X2.0P	1.90
	ER32-160	50	50	32	160	134	185	M16X2.0P	2.40
HSK63A-	ER16-75	63	28	16	75	49	107	-	1.00
	ER16-100	63	28	16	100	74	132	M10X1.5P	1.10
	ER16-120	63	28	16	120	94	152	M10X1.5P	1.20
	ER16-160	63	28	16	160	134	192	M10X1.5P	1.40
	ER20-80	63	34	20	80	49	107	-	1.00
	ER20-100	63	34	20	100	74	132	M12X1.75P	1.20
	ER20-120	63	34	20	120	94	152	M12X1.75P	1.30
	ER20-160	63	34	20	160	134	192	M12X1.75P	1.70
	ER25-80	63	42	25	80	49	107	-	1.10
	ER25-100	63	42	25	100	74	132	M16X2.0P	1.40
	ER25-120	63	42	25	120	94	152	M16X2.0P	1.80
	ER25-150	63	42	25	150	124	182	M16X2.0P	2.00
	ER32-100	63	50	32	100	74	132	-	1.60
	ER32-125	63	50	32	125	99	157	M16X2.0P	2.00
	ER32-160	63	50	32	160	134	192	M16X2.0P	2.50
	ER40-100	63	63	40	100	74	132	-	2.40
	ER40-120	63	63	40	120	94	152	M20X2.0P	2.60
	ER40-160	63	63	40	160	134	192	M20X2.0P	2.95

HSK-A-ER 弹性筒夹刀柄
HSK-A-ER Spring Collet Chuck



型号 Specification		尺寸 Dimension							重量 Weight
		D	d1	d2	L1	L2	L	T	
HSK100A-	ER16-100	100	28	16	100	71	150	M10X1.5P	3.40
	ER16-160	100	28	16	160	131	210	M10X1.5P	3.70
	ER20-100	100	34	20	100	71	150	M12X1.75P	3.50
	ER20-160	100	34	20	160	131	210	M12X1.75P	3.90
	ER25-100	100	42	25	100	71	150	M16X2.0P	3.70
	ER25-160	100	42	25	160	131	210	M16X2.0P	4.20
	ER25-200	100	42	25	200	171	250	M16X2.0P	4.70
	ER32-100	100	50	32	100	71	150	-	3.90
	ER32-160	100	50	32	160	131	210	M16X2.0P	4.70
	ER32-200	100	50	32	200	171	250	M16X2.0P	5.20
	ER40-100	100	63	40	100	71	150	M20X2.0P	4.30
	ER40-160	100	63	40	160	131	210	M20X2.0P	5.00
	ER40-200	100	63	40	200	171	250	M20X2.0P	5.60

注：筒夹和扳手需单独订购见。

Notice: Collets and wrenchs shall be ordered separately.

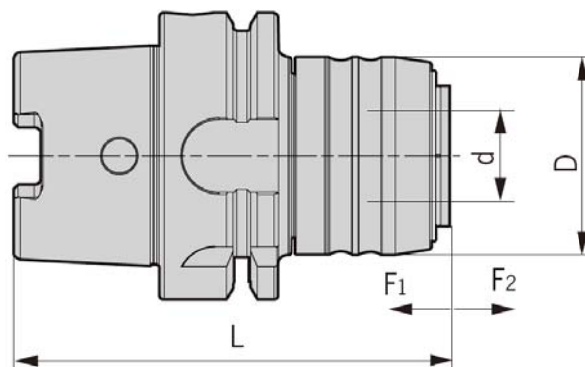
特点 / Feature

■动平衡设定: G6.3; 15,000 rpm。 ■Balanced: G6.3; 15,000 rpm;

■3D 处径向跳动 0.02 mm。 ■Runout (X3D): < 0.02 mm;

HSK-A-VER 快换式微补偿攻牙刀柄

HSK-A-VER Tapping Chuck



型号 Specification		尺寸 Dimension					攻牙能力 Tapping capacity	使用延长杆 Suit extender	重量 Weight
		D	d	L	F1	F2			
HSK40A	VER16-69	43.5	20	69	0.2	1	M3-M12	VER16-M24	0.54
	VER20-80	52	25	80	0.2	1	M5-M16	VER20-M26	0.59
	VER25-90	60	32	90	0.2	1	M6-M20	VER25-M28	0.65
HSK50A-	VER16-70	43.5	20	70	0.2	1	M3-M12	VER16-M24	0.66
	VER20-87	52	25	87	0.2	1	M5-M16	VER20-M26	0.80
	VER25-97	60	32	97	0.2	1	M6-M20	VER25-M28	0.96
HSK63A-	VER16-64	43.5	20	64	0.2	1	M3-M12	VER16-M24	0.88
	VER20-87	52	25	87	0.2	1	M5-M16	VER20-M26	1.06
	VER25-97	60	32	97	0.2	1	M6-M20	VER25-M28	1.21
	VER32-113	72	40	113	0.2	1	M10-M24	VER32-M30	1.61
	VER40-122	87	50	122	0.2	1	M14-M33	VER40-M32	1.85
HSK100A-	VER16-70	43.5	20	70	0.2	1	M3-M12	VER16-M24	3.21
	VER20-82	52	25	82	0.2	1	M5-M16	VER20-M26	3.58
	VER25-91	60	32	91	0.2	1	M6-M20	VER25-M28	3.95
	VER32-110	72	40	110	0.2	1	M10-M24	VER32-M30	4.25
	VER40-115	87	50	115	0.2	1	M14-M33	VER40-M32	4.45

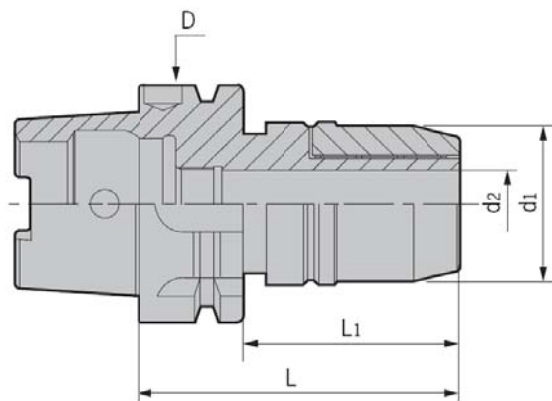
注：筒夹和扳手需单独订购。

Notice: Collets and wrenches shall be ordered separately.

特点 / Feature

- 显著提高丝锥使用寿命 80%以上。■Tap tool life increased by 80% and above;
- 有效提高加工生产效率 2-4 倍。■Work efficiency increased 2 to 4 times;
- 明显提高表面加工质量与精度。■Better surface quality;
- 使用 ER 攻丝专用筒夹夹持。■With ER tapping collet;
- 无需依赖设备精度。■Best choice for squeeze.
- 挤压丝锥首选。

HSK-A-HPM 高速精密强力铣刀夹头
HSK-A-HPM High Speed Milling Chuck



型号 Specification		夹持范围 Clamping range	尺寸 Dimension					适用筒夹 Suit collet	重量 Weight
			D	d1	d2	L1	L		
HSK50A-	HPM16-80	3-16	50	46	16	54	80	GC16	1.00
HSK63A-	HPM16-80	3-16	63	46	16	54	80	GC16	1.30
	HPM16-100	3-16	63	46	16	74	100	GC16	1.50
	HPM20-110	6-20	63	55	20	59	110	GC20	1.70
	HPM32-110	6-32	63	68	32	89	110	GC32	2.50
HSK100A-	HPM16-115	3-16	100	46	16	86	115	GC16	3.60
	HPM20-105	6-20	100	55	20	86	105	GC20	4.20
	HPM32-105	6-32	100	68	32	86	105	GC32	4.50
	HPM32-135	6-32	100	68	32	86	135	GC32	5.00

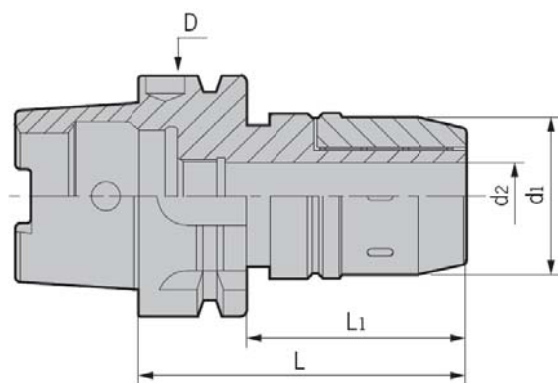
注：报价时含扳手，筒夹需单独订购。

Notice: Wrench is included, while collet shall be ordered separately.

特点 / Feature

- 动平衡设定: G2.5; 20,000 rpm。 ■ Balanced: G2.5; 20,000 rpm;
- 3D 处径向跳动 0.02 mm。 ■ Runout (X3D): < 0.02 mm;

HSK-A-HPC 高速精密强力铣刀夹头
HSK-A-HPC High Speed Milling Chuck



型号 Specification		夹持范围 Clamping range	尺寸 Dimension					适用筒夹 Suit collet	重量 Weight
			D	d1	d2	L1	L		
HSK63A-	HPC20-110	6-20	63	51.5	20	84	110	GC20	1.60
	HPC32-110	6-32	63	70.5	32	84	110	GC32	2.20
HSK100A-	HPC20-105	6-20	100	51.5	20	79	105	GC20	4.10
	HPC32-105	6-32	100	70.5	32	79	105	GC32	4.90
	HPC32-135	6-32	100	70.5	32	109	135	GC32	5.80
	HPC42-115	6-42	100	86	42	89	115	GC42	5.50

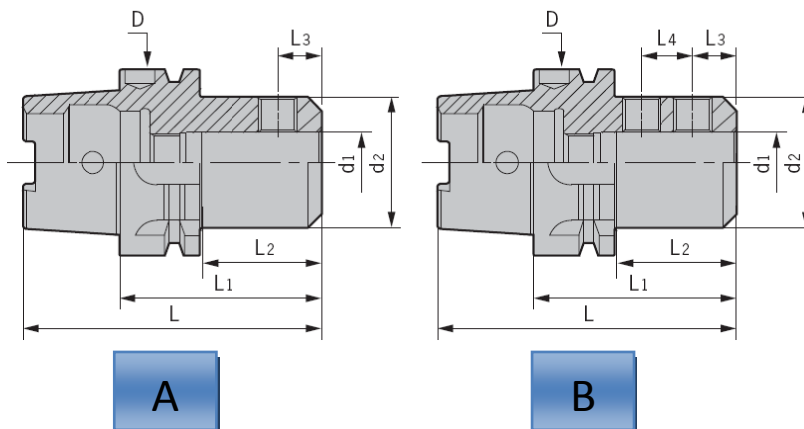
注：报价时含扳手，筒夹需单独订购。

Notice: Wrench is included, while collet is to be ordered separately.

特点 / Feature

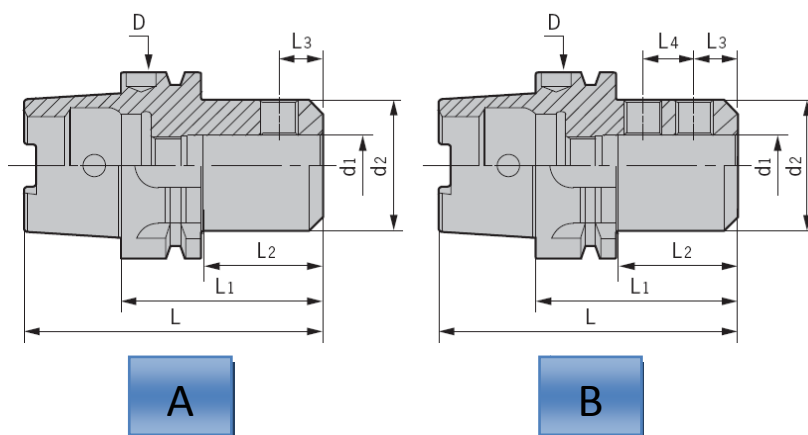
- 动平衡设定: G6.3; 15,000 rpm。 ■ Balanced: G6.3; 15,000 rpm;
- 3D 处径向跳动 0.02 mm。 ■ Runout (X3D): < 0.02 mm.

HSK-A-GLN 侧固式刀柄
HSK-A-GLN Side-lock Holder



型号 Specification		图示 Figure	尺寸 Dimension								侧面压紧螺钉 Side-lock GCrew	重量 Weight
			D	d1	d2	L1	L2	L3	L4	L		
HSK50A-	GLN6-65	A	50	6	25	65	39	18	-	90	M060U080	0.70
	GLN8-65	A	50	8	28	65	39	18	-	90	M080U080	0.80
	GLN10-65	A	50	10	35	65	39	20	-	90	M100U120	0.80
	GLN12-80	A	50	12	42	80	54	22.5	-	105	M120U140	1.20
	GLN16-80	A	50	16	48	80	54	24	-	105	M140U160	1.30
	GLN20-80	A	50	20	52	80	54	25	-	105	M160U250	1.50
HSK63A-	GLN6-65	A	63	6	25	65	39	18	-	97	M060U080	0.90
	GLN6-100	A	63	6	25	100	74	18	-	132	M060U080	1.30
	GLN8-65	A	63	8	28	65	39	18	-	97	M080U100	1.00
	GLN8-100	A	63	8	28	100	74	18	-	132	M080U100	1.40
	GLN10-65	A	63	10	35	65	39	20	-	97	M100U120	1.00
	GLN10-100	A	63	10	35	100	74	20	-	132	M100U120	1.50
	GLN12-80	A	63	12	42	80	54	22.5	-	112	M120U140	1.70
	GLN12-120	A	63	12	42	120	94	22.5	-	152	M120U140	2.00
	GLN16-80	A	63	16	48	80	54	24	-	112	M140U160	1.70
	GLN16-120	A	63	16	48	120	94	24	-	152	M140U160	2.10
	GLN20-80	A	63	20	52	80	54	25	-	112	M160U160	1.80
	GLN20-120	A	63	20	52	120	94	25	-	152	M160U160	2.40
	GLN25-110	B	63	25	65	110	84	24	25	142	M180Z160P	2.50
	GLN25-160	B	63	25	65	160	134	24	25	192	M180Z160P	2.65
	GLN32-110	B	63	32	72	110	84	24	28	142	M200Z200P	2.70
	GLN32-160	B	63	32	72	160	134	24	28	192	M200Z200P	3.00

HSK-A-GLN 侧固式刀柄
HSK-A-GLN Side-lock Holder

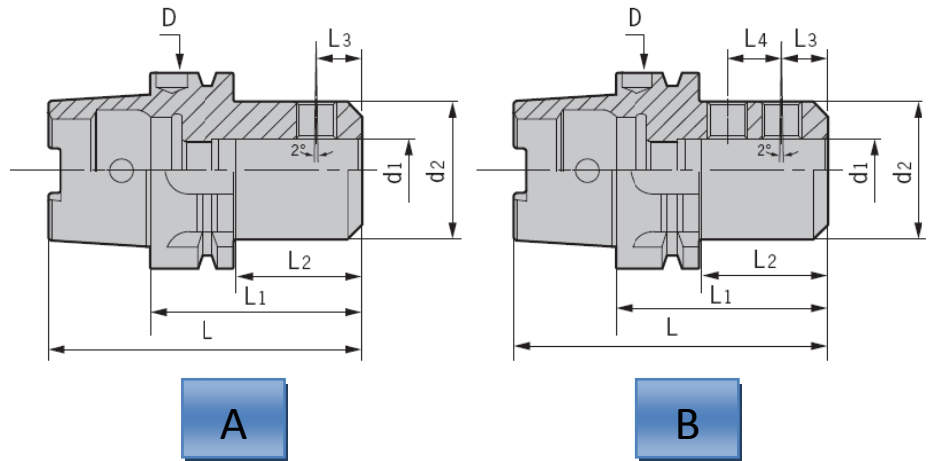


型号 Specification		图示 Figure	尺寸 Dimension								侧面压紧螺钉 Side-lock GCrew	重量 Weight
			D	d1	d2	L1	L2	L3	L4	L		
HSK100A-	GLN6-80	A	100	6	25	80	51	18	-	130	M060U080	3.00
	GLN6-130	A	100	6	25	130	131	18	-	180	M060U080	3.20
	GLN8-80	A	100	8	25	80	51	18	-	130	M080U100	3.20
	GLN8-130	A	100	8	25	130	131	18	-	180	M080U100	3.40
	GLN10-80	A	100	10	35	80	51	20	-	130	M100U120	3.40
	GLN10-130	A	100	10	35	130	131	20	-	180	M100U120	3.70
	GLN12-80	A	100	12	42	80	51	22.5	-	130	M120U140	3.40
	GLN12-130	A	100	12	42	130	131	22.5	-	180	M120U140	3.70
	GLN16-100	A	100	16	48	100	71	24	-	150	M140U160	3.80
	GLN16-160	A	100	16	48	160	71	24	-	210	M140U160	4.10
	GLN20-100	A	100	20	52	100	71	25	-	150	M180Z160P	3.90
	GLN20-160	A	100	20	52	160	71	25	-	210	M180Z160P	3.80
	GLN25-100	B	100	25	65	100	71	24	25	150	M200Z200P	4.00
	GLN25-160	B	100	25	65	160	71	24	25	210	M200Z200P	4.40
	GLN32-100	B	100	32	72	100	71	24	28	150	M200Z200P	4.10
	GLN32-160	B	100	32	72	160	71	24	28	210	M200Z200P	4.50

注：扳手需单独订购。

Notice: Wrenchs shall be ordered separately.

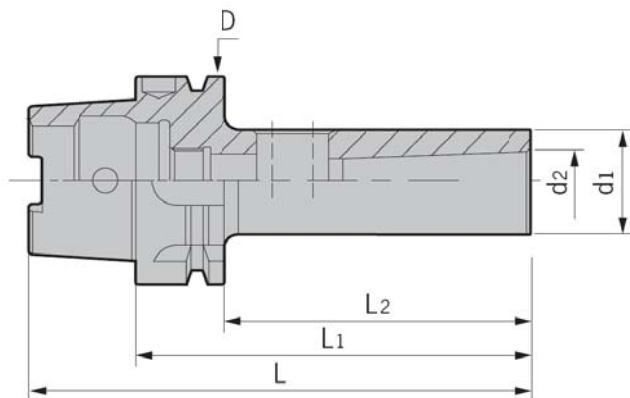
HSK-A-SLNB 侧固式刀柄
HSK-A-SLNB Side-lock Holder



型号 Specification		图示 Figure	尺寸 Dimension								侧面压紧螺钉 Side-lock GCrew	重量 Weight
			D	d1	d2	L11	L2	L32	L4	L4		
HSK63A-	GLNB6-80	A	63	6	25	80	54	18	-	112	M060U080	0.90
	GLNB8-80	A	63	8	28	80	54	18	-	112	M080U080	1.00
	GLNB10-80	A	63	10	35	80	54	20	-	112	M100U120	1.00
	GLNB12-90	A	63	12	42	90	64	22.5	-	122	M120U140	1.70
	GLNB16-100	A	63	16	48	100	74	24	-	132	M140U160	1.70
	GLNB20-100	A	63	20	52	100	74	25	-	132	M160U250	1.80
	GLNB25-110	B	63	25	65	110	84	24	22	142	M180Z160P	2.50
	GLNB32-110	B	63	32	72	110	84	24	24	142	M200Z200P	2.70
HSK100A-	GLNB6-90	A	100	6	25	90	61	18	-	140	M060U080	3.00
	GLNB8-90	A	100	8	28	90	61	18	-	140	M080U080	3.20
	GLNB10-90	A	100	10	35	90	61	20	-	150	M100U120	3.40
	GLNB12-100	A	100	12	42	100	71	22.5	-	150	M120U140	3.40
	GLNB16-100	A	100	16	48	100	71	24	-	160	M140U160	3.80
	GLNB20-110	A	100	20	52	110	81	25	-	150	M160U250	3.90
	GLNB25-120	B	100	25	65	120	91	24	22	170	M180Z160P	4.00
	GLNB32-120	B	100	32	72	120	91	24	24	170	M200Z200P	4.10

HSK-A-MTA 莫式锥套刀柄（钻头套筒）

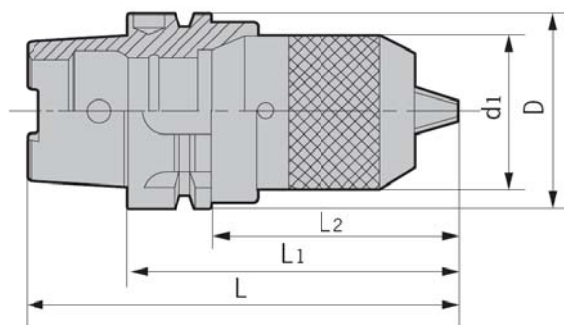
HSK-A-MTA Morse Taper Adapter



型号 Specification		尺寸 Dimension							重量 Weight
		D	d1	d2	L1	L2	L3	L	
HSK50A-	MTA1-100	50	25	12.065	100	74	56	125	1.50
	MTA2-120	50	32	17.78	120	94	67	145	1.80
	MTA3-140	50	40	23.825	140	114	84	165	1.90
HSK63A-	MTA1-100	63	25	12.065	100	74	56	132	1.90
	MTA2-120	63	32	17.78	120	94	67	152	2.00
	MTA3-140	63	40	23.825	140	114	84	172	2.20
	MTA4-160	63	48	31.267	160	134	107	192	2.50
HSK100A-	MTA1-110	100	25	12.065	110	81	56	160	3.40
	MTA2-120	100	32	17.78	120	91	67	170	3.80
	MTA3-150	100	40	23.825	150	121	84	200	4.00
	MTA4-170	100	48	31.267	170	141	107	220	4.60
	MTA5-200	100	63	44.299	200	171	135	250	5.20

HSK-A-GPU 整体式钻夹头刀柄

HSK-A-GPU Drill Chuck Holder

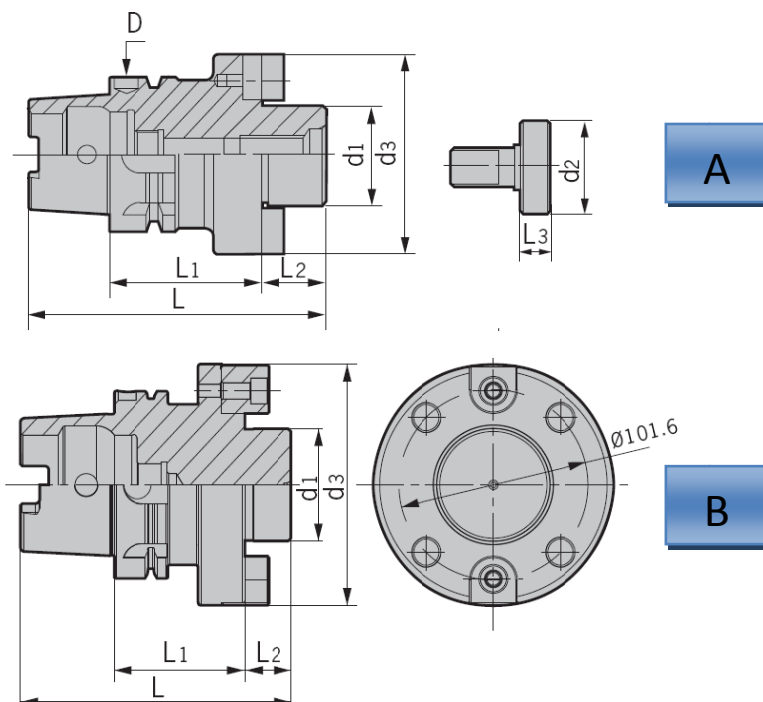


型号 Specification		尺寸 Dimension							偏摆精度 3D	重量 Weight
		D	d1	d2	L1	L2	L3	L		
HSK50A-	GPU8-120	50	50	8	120	99	55	167	0.05	1.61
HSK63A-	GPU13-150	63	50	13	150	124	55	194	0.05	2.65
	GPU16-155	63	57	16	155	129	55	199	0.05	3.12
HSK100A-	GPU13-155	100	50	13	155	130	75	217	0.05	4.23
	GPU16-160	100	57	16	160	135	75	222	0.05	4.55

注：报价时含扳手。

Notice: Wrench is included.

HSK-A-FMB 平面铣刀柄
HSK-A-FMB Face Mill Holder

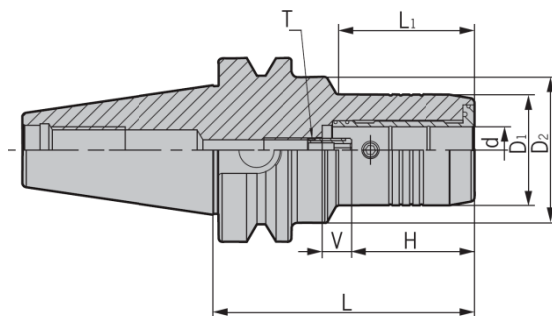


型号 Specification		图示	尺寸 Dimension								刀盘锁紧螺钉 Locking GCrew for cutter	垫圈 Washer	重量 Weight
		Figure	D	d1	d2	d3	L1	L2	L3	L			
HSK50A-	FMB22-60	A	50	22	26	48	60	18	14	104	E100U300	-	1.00
	FMB27-60	A	50	27	31.5	60	60	20	16	106	E120U300	FM-1	1.10
HSK63A-	FMB22-50	A	63	22	26	48	50	18	-	101	E100U300	-	1.30
	FMB22-100	A	63	22	26	48	100	18	-	151	E100U300	-	1.80
	FMB27-60	A	63	27	31.5	60	60	20	16	113	E120U300	FM-1	1.60
	FMB27-100	A	63	27	31.5	60	100	20	16	153	E120U300	FM-1	2.30
	FMB32-60	A	63	32	41	78	60	22	16	116	E160U350	FM-2	2.00
	FMB32-100	A	63	32	41	78	100	22	16	156	E160U350	FM-2	2.80
	FMB40-60	A	63	40	48	80	60	25	20.5	119	E200U350	FM-3	2.20
HSK100A-	FMB22-50	A	100	22	26	48	50	18	14	119	E100U300	-	2.90
	FMB22-100	A	100	22	26	48	100	18	14	169	E100U300	-	3.90
	FMB27-50	A	100	27	31.5	60	50	20	16	121	E120U300	FM-1	2.90
	FMB27-100	A	100	27	31.5	60	100	20	16	171	E120U300	FM-1	3.70
	FMB32-50	A	100	32	41	78	50	22	16	124	E160Z500-40	-	3.80
	FMB32-100	A	100	32	41	78	100	22	16	174	E160Z500-40	-	4.80
	FMB40-60	A	100	40	48	80	60	25	20.5	137	E200Z500-50	-	4.10
	FMB40-100	A	100	40	48	80	100	25	20.5	177	E200Z500-50	-	4.90
	FMB60F-70	B	100	60	-	129	70	25	101.6	160	E160U500	-	5.50

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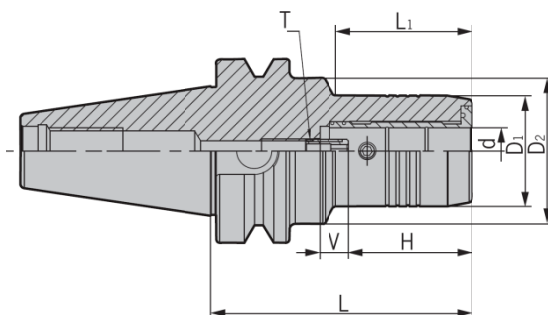
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BT-DHP 液压刀柄
BT-DHP Hydraulic Chuck



型号 Speciation		尺寸 Dimension								适用筒夹 Suit collet	扳手 Wrench	重量 Weight
		d	D1	D2	L	H	V	L1	T			
BT30-	DHP6-70	6	28	45	70	27.5	10	28	M5X0.8	-	T04	0.68
	DHP8-70	8	30	45	70	27.5	10	28	M6X1.0	-	T04	0.71
	DHP10-75	10	32	45	75	32.5	10	38	M6X1.0	-	T04	0.73
	DHP12-75	12	34	45	75	37.5	10	36	M6X1.0	D12/OD12	T04	0.78
	DHP14-85	14	36	45	85	37.5	10	44	M6X1.0	-	T04	0.83
	DHP16-90	16	38	45	90	42.5	10	48	M8X1.0	-	T04	0.92
	DHP18-90	18	41	45	90	42.5	10	48	M8X1.0	-	T04	0.95
	DHP20-90	20	43	-	90	42.5	10	-	M8X1.0	D20/OD20	T04	0.98
BT40-	DHP6-65	6	28	50	65	27.5	10	23	M5X0.8	-	T04	1.26
	DHP6-90	6	28	50	90	27.5	10	44	M5X0.8	-	T04	1.42
	DHP6-140	6	28	50	140	27.5	10	44	M5X0.8	-	T04	2.16
	DHP8-65	8	30	50	65	27.5	10	23	M6X1.0	-	T04	1.26
	DHP8-90	8	30	50	90	27.5	10	39	M6X1.0	-	T04	1.43
	DHP8-140	8	30	50	140	27.5	10	44	M6X1.0	-	T04	2.2
	DHP10-65	10	32	50	65	32.5	10	23	M6X1.0	-	T04	1.26
	DHP10-90	10	32	50	90	32.5	10	44	M6X1.0	-	T04	1.45
	DHP10-140	10	32	50	140	32.5	10	44	M6X1.0	-	T04	2.4
	DHP12-65	12	34	50	65	37.5	10	23	M6X1.0	D12/OD12	T04	1.26
	DHP12-90	12	34	50	90	37.5	10	44	M6X1.0	D12/OD12	T04	1.46
	DHP12-140	12	34	50	140	37.5	10	44	M6X1.0	D12/OD12	T04	2.6
	DHP14-65	14	36	50	65	37.5	10	23	M6X1.0	-	T04	1.26
	DHP14-90	14	36	50	90	37.5	10	44	M6X1.0	-	T04	1.48
	DHP14-140	14	36	50	140	37.5	10	44	M6X1.0	-	T04	2.8
	DHP16-65	16	38	50	65	42.5	10	23	M8X1.0	-	T04	1.27
	DHP16-90	16	38	50	90	42.5	10	48	M8X1.0	-	T04	1.5
	DHP16-140	16	38	50	140	42.5	10	48	M8X1.0	-	T04	2.8
	DHP18-75	18	41	50	75	42.5	10	30	M8X1.0	-	T04	1.35
	DHP18-90	18	41	50	90	42.5	10	48	M8X1.0	-	T04	1.53
	DHP18-140	18	41	50	140	42.5	10	48	M8X1.0	-	T04	2.85
	DHP19-75	19	43	50	75	101	10	30	M8X1.0	-	T04	1.38
	DHP20-75	20	43	50	75	42.5	10	30	M8X1.0	D20/OD20	T04	1.4
	DHP20-90	20	43	50	90	42.5	10	48	M8X1.0	D20/OD20	T04	1.56
	DHP20-140	20	43	50	140	42.5	10	48	M8X1.0	D20/OD20	T04	2.89
	DHP24-75	24	63	-	75	94	10	-	M16X1.0	-	T05	2.02
	DHP25-100	25	57	-	100	51	10	73	M16X1.0	-	T05	2.05

BT-DHP 液压刀柄
BT-DHP Hydraulic Chuck



型号 Specification		尺寸 Dimension								适用筒夹 Suit collet	扳手 Wrench	重量 Weight
		d	D1	D2	L	H	V	L1	T			
BT40-	DHP25-135	25	57	-	135	51	10	108	M16X1.0	-	T05	2.75
	DHP32-105	32	63	-	100	55	10	-	M16X1.0	D32/OD32	T05	2.28
	DHP32-135	32	63	-	135	55	10	-	M16X1.0	D32/OD32	T05	2.95
BT50-	DHP6-90	6	28	50	90	27.5	10	23	M5X0.8	-	T04	4.03
	DHP6-120	6	28	50	120	27.5	10	44	M5X0.8	-	T04	4.35
	DHP6-140	6	28	50	140	27.5	10	44	M5X0.8	-	T04	4.65
	DHP8-90	8	30	50	90	27.5	10	23	M6X1.0	-	T04	4.05
	DHP8-120	8	30	50	120	27.5	10	40	M6X1.0	-	T04	4.42
	DHP8-140	8	30	50	140	27.5	10	44	M6X1.0	-	T04	4.68
	DHP10-90	10	32	50	90	32.5	10	23	M6X1.0	-	T04	4.06
	DHP10-120	10	32	50	120	32.5	10	44	M6X1.0	-	T04	4.41
	DHP10-140	10	32	50	140	32.5	10	44	M6X1.0	-	T04	4.71
	DHP12-90	12	34	50	90	37.5	10	23	M6X1.0	D12/OD12	T04	4.07
	DHP12-120	12	34	50	120	37.5	10	44	M6X1.0	D12/OD12	T04	4.43
	DHP12-140	12	34	50	140	37.5	10	44	M6X1.0	D12/OD12	T04	4.73
	DHP14-90	14	36	50	90	37.5	10	23	M6X1.0	-	T04	4.07
	DHP14-120	14	36	50	120	37.5	10	44	M6X1.0	-	T04	4.43
	DHP14-140	14	36	50	140	37.5	10	44	M6X1.0	-	T04	4.72
	DHP16-90	16	38	50	90	42.5	10	23	M8X1.0	-	T04	4.08
	DHP16-120	16	38	50	120	42.5	10	48	M8X1.0	-	T04	4.43
	DHP16-140	16	38	50	140	42.5	10	48	M8X1.0	-	T04	4.73
	DHP18-90	18	41	50	90	42.5	10	32	M8X1.0	-	T04	4.1
	DHP18-120	18	41	50	120	42.5	10	48	M8X1.0	-	T04	4.47
	DHP18-140	18	41	50	140	42.5	10	48	M8X1.0	-	T04	4.75
	DHP20-90	20	43	50	90	42.5	10	32	M8X1.0	D20/OD20	T04	4.11
	DHP20-120	20	43	50	120	42.5	10	48	M8X1.0	D20/OD20	T04	4.5
	DHP20-140	20	43	50	140	42.5	10	48	M8X1.0	D20/OD20	T04	4.79
	DHP25-105	25	57	-	105	51	10	67	M16X1.0	-	T05	4.6
	DHP25-150	25	57	-	150	51	10	112	M16X1.0	-	T05	5.4
	DHP32-115	32	63	-	115	55	10	77	M16X1.0	D32/OD32	T05	4.85
	DHP32-150	32	63	-	150	55	10	112	M16X1.0	D32/OD32	T05	5.67

注：报价时含扳手，筒夹需单独订购。

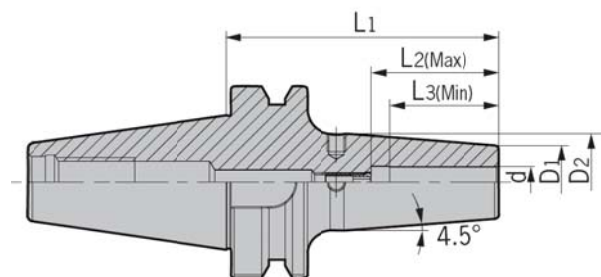
Notice: Wrench is included, while collet shall be ordered separately.

特 点 / Feature

- DHP 刀具系列用途高转速、高精密切削加工，切削效果佳。
- 动平衡设定: G2.5; 20,000 rpm。
- 3D 处径向跳动 0.003 mm。
- For high-speed and high precision cutting;
- Balanced: G2.5; 20,000 rpm;
- Runout (X3D): < 0.003 mm.

BT-SF 热装刀柄（一体式）

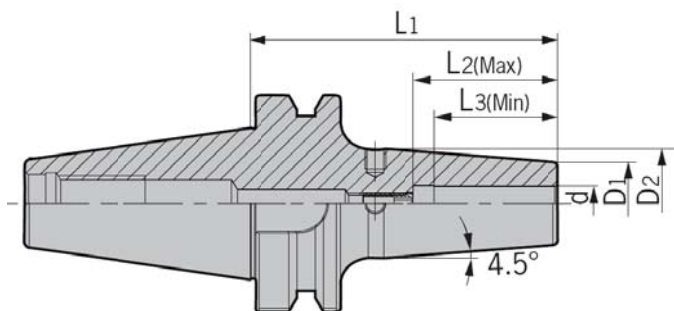
BT-SF Shrink Fit Holder



型号 Specification		尺寸 Dimension						重量 Weight
		d	D1	D2	L1	L2(Max)	L3 (Min)	
BT30-	SF3-80	3	10	10	80	-	9	0.35
	SF4-80	4	10	10	80	-	12	0.40
	SF5-80	5	10	10	80	-	15	0.43
	SF6-80	6	21	27	80	28	18	0.45
	SF8-80	8	21	27	80	34	24	0.50
	SF10-80	10	24	32	80	40	30	0.55
	SF12-80	12	24	32	80	40	30	0.62
	SF14-80	14	27	34	80	42	32	0.65
	SF16-80	16	27	34	80	42	32	0.68
	SF18-80	18	33	42	80	50	40	0.71
	SF20-90	20	33	42	90	50	40	0.75
BT40-	SF3-90	3	10	10	90	-	9	1.00
	SF4-90	4	10	10	90	-	12	1.10
	SF5-90	5	10	10	90	-	15	1.00
	SF6-90	6	21	27	90	28	18	1.15
	SF6-130	6	21	27	130	28	18	1.20
	SF6-160	6	21	27	160	28	18	1.40
	SF6-200	6	21	27	200	28	18	1.90
	SF8-90	8	21	27	90	34	24	1.15
	SF8-130	8	21	27	130	34	24	1.30
	SF8-160	8	21	27	160	34	24	1.50
	SF8-200	8	21	27	200	34	24	1.90
	SF10-90	10	24	32	90	40	30	1.20
	SF10-130	10	24	32	130	40	30	1.50
	SF10-160	10	24	32	160	40	30	1.80
	SF10-200	10	24	32	200	40	30	1.90
	SF12-90	12	24	32	90	40	30	1.30
	SF12-130	12	24	32	130	40	30	1.60
	SF12-160	12	24	32	160	40	30	1.80
	SF12-200	12	24	32	200	40	30	2.00
	SF14-90	14	27	34	90	42	32	1.30
	SF14-130	14	27	34	130	42	32	1.60

BT-SF 热装刀柄（一体式）

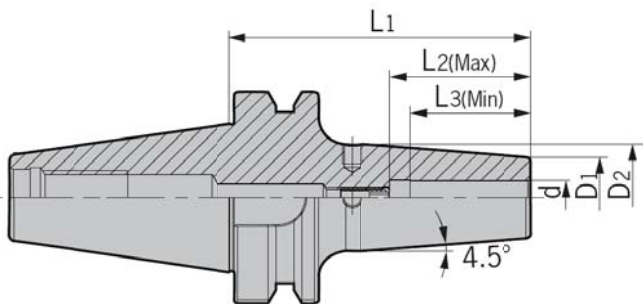
BT-SF Shrink Fit Holder



型号 Specification		尺寸 Dimension						重量 Weight
		d	D1	D2	L1	L2 (Max)	L3 (Min)	
BT40-	SF14-160	14	27	34	160	42	32	1.80
	SF14-200	14	27	34	200	42	32	2.00
	SF16-90	16	27	34	90	42	32	1.40
	SF16-130	16	27	34	130	42	32	1.70
	SF16-160	16	27	34	160	42	32	1.95
	SF16-200	16	27	34	200	42	32	2.20
	SF18-90	18	33	42	90	50	40	1.50
	SF18-130	18	33	42	130	50	40	1.80
	SF18-160	18	33	42	160	50	40	2.00
	SF18-200	18	33	42	200	50	40	2.30
	SF20-90	20	33	42	90	50	40	1.55
	SF20-130	20	33	42	130	50	40	1.85
	SF20-160	20	33	42	160	50	40	2.05
	SF20-200	20	33	42	200	50	40	2.35
	SF25-100	25	44	53	100	55	45	1.65
	SF25-130	25	44	53	130	55	45	1.90
	SF25-160	25	44	53	160	55	45	2.20
	SF25-200	25	44	53	200	55	45	2.50
	SF32-100	32	44	53	100	60	50	2.00
	SF32-130	32	44	53	130	60	50	2.30
	SF32-160	32	44	53	160	60	50	2.60
BT50-	SF6-100	6	21	27	100	28	18	3.70
	SF6-130	6	21	27	130	28	18	3.80
	SF6-160	6	21	27	160	28	18	3.88
	SF6-200	6	21	27	200	28	18	4.00
	SF8-100	8	21	27	100	34	24	3.60
	SF8-130	8	21	27	130	34	24	3.70
	SF8-160	8	21	27	160	34	24	3.90
	SF8-200	8	21	27	200	34	24	4.00
	SF10-100	10	24	32	100	40	30	3.65
	SF10-130	10	24	32	130	40	30	3.78
	SF10-160	10	24	32	160	40	30	4.00

BT-SF 热装刀柄（一体式）

BT-SF Shrink Fit Holder

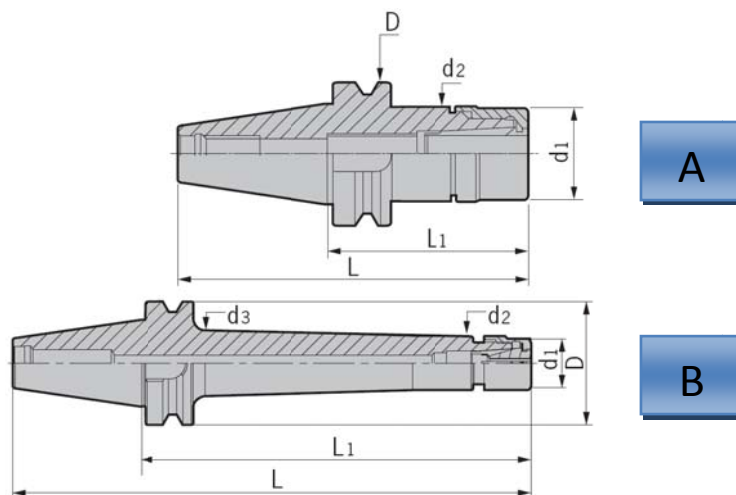


型号 Specification		尺寸 Dimension						重量 Weight
		d	D1	D2	L1	L2(Max)	L3 (Min)	
	SF10-200	10	24	32	200	40	30	4.15
	SF12-100	12	24	32	100	40	30	3.70
	SF12-130	12	24	32	130	40	30	3.80
	SF12-160	12	24	32	160	40	30	4.10
	SF12-200	12	24	32	200	40	30	4.25
	SF14-100	14	27	34	100	42	32	3.70
	SF14-130	14	27	34	130	42	32	3.80
	SF14-160	14	27	34	160	42	32	4.10
	SF14-200	14	27	34	200	42	32	4.25
	SF16-100	16	27	34	100	42	32	3.75
	SF16-130	16	27	34	130	42	32	3.88
	SF16-160	16	27	34	160	42	32	4.20
	SF16-200	16	27	34	200	42	32	4.50
BT50-	SF18-100	18	33	42	100	50	40	3.75
	SF18-130	18	33	42	130	50	40	3.88
	SF18-160	18	33	42	160	50	40	4.20
	SF18-200	18	33	42	200	50	40	4.50
	SF20-100	20	33	42	100	50	40	3.80
	SF20-130	20	33	42	130	50	40	4.00
	SF20-160	20	33	42	160	50	40	4.30
	SF20-200	20	33	42	200	50	40	4.60
	SF25-100	25	44	53	100	55	45	3.82
	SF25-130	25	44	53	130	55	45	4.05
	SF25-160	25	44	53	160	55	45	4.33
	SF25-200	25	44	53	200	55	45	4.65
	SF32-100	32	44	53	100	60	50	4.00
	SF32-130	32	44	53	130	60	50	4.40
	SF32-160	32	44	53	160	60	50	4.70
	SF32-200	32	44	53	200	60	50	5.00

特点 / Feature

- 动平衡设定: G2.5; 25,000 rpm。 ■Balanced: G2.5; 25,000 rpm;
- 3D 处径向跳动 0.003 mm。 ■Runout (X3D): < 0.003 mm.

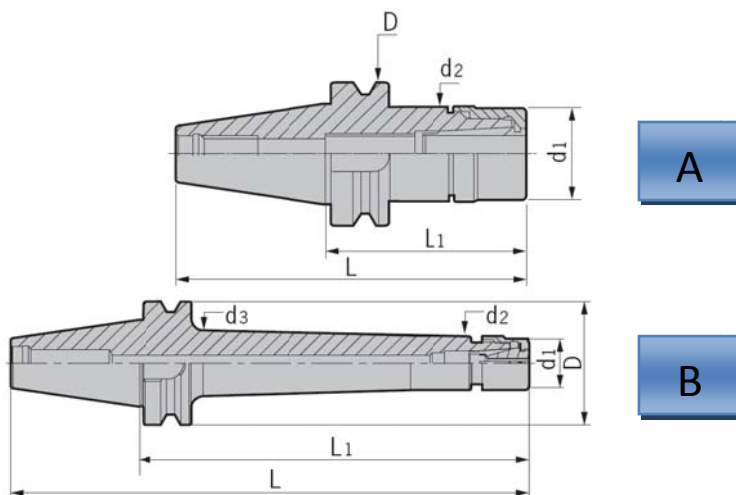
BT-GSK 高速精密筒夹刀柄
BT-GSK High Precision Chuck



型号 Specification		图示 Figure	尺寸 Dimension							适用筒夹 Suit collet	重量 Weight
			D	d1	d2	d3	L	L1	T		
BT30-	GSK6-70	A	46	19.5	20	-	118.4	70	M6x1	DSK6	0.45
	GSK6-100	A	46	19.5	20	-	148.4	100	M6x1	DSK6	0.64
	GSK10-70	A	46	27	27.5	-	118.4	70	M10x1.5	DSK10	0.46
	GSK10-100	A	46	27	27.5	-	148.4	100	M10x1.5	DSK10	0.70
	GSK16-70	A	46	40	40.5	-	118.4	70	M16x2	DSK16	0.70
	GSK16-100	A	46	40	40.5	-	148.4	100	M16x2	DSK16	1.00
	GSK16-120	A	46	40	40.5	-	168.4	120	M16x2	DSK16	1.25
	GSK16-150	A	46	40	40.5	-	198.4	150	M16x2	DSK16	1.35
	GSK20-70	A	46	48	48.5	-	118.4	70	M16x2	DSK20	0.75
	GSK20-100	A	46	48	48.5	-	148.4	100	M16x2	DSK20	1.15
	GSK25-100	A	46	55	55	-	148.4	100	M20x2	DSK25	1.20
BT40-	GSK6-70	A	63	19.5	20	-	135.4	70	M6x1	DSK6	1.05
	GSK6-100	A	63	19.5	20	-	165.4	100	M6x1	DSK6	1.25
	GSK6-120	A	63	19.5	20	-	185.4	120	M6x1	DSK6	1.39
	GSK6-150L	B	63	19.5	20	26.4	215.4	150	M6x1	DSK6	1.55
	GSK10-70	A	63	27	27.5	-	135.4	70	M10x1.5	DSK10	1.10
	GSK10-100	A	63	27	27.5	-	165.4	100	M10x1.5	DSK10	1.30
	GSK10-120	A	63	27	27.5	-	185.4	120	M10x1.5	DSK10	1.42
	GSK10-150	A	63	27	27.5	-	215.4	150	M10x1.5	DSK10	1.55
	GSK10-200L	B	63	27	27.5	33.7	265.4	200	M10x1.5	DSK10	1.85
	GSK16-70	A	63	40	40.5	-	135.4	70	M16x2	DSK16	1.21
	GSK16-100	A	63	40	40.5	-	165.4	100	M16x2	DSK16	1.42
	GSK16-120	A	63	40	40.5	-	185.4	120	M16x2	DSK16	1.61
	GSK16-150	A	63	40	40.5	-	215.4	150	M16x2	DSK16	1.80
	GSK16-200L	B	63	40	40.5	45.7	265.4	200	M16x2	DSK16	1.95
	GSK20-70	A	63	48	48.5	-	135.4	70	M16x2	DSK20	1.52
	GSK20-100	A	63	48	48.5	-	165.4	100	M16x2	DSK20	1.68
	GSK20-120	A	63	48	48.5	-	185.4	120	M16x2	DSK20	1.90
	GSK20-150	A	63	48	48.5	-	215.4	150	M16x2	DSK20	2.10
	GSK20-200L	B	63	48	48.5	55.7	265.4	200	M16x2	DSK20	2.30
	GSK25-100	A	63	55	55	-	165.4	100	M20x2	DSK25	1.81

BT-GSK 高速精密筒夹刀柄

BT-GSK High Precision Chuck



型号 Specification		图示 Figure	尺寸 Dimension							适用筒夹 Suit collet	重量 Weight
			D	d1	d2	d3	L	L1	T		
BT40-	GSK25-120	A	63	55	55	-	185.4	120	M20x2	DSK25	2.05
	GSK25-150	A	63	55	55	-	215.4	150	M20x2	DSK25	2.30
	GSK25-200L	B	63	55	55	59.9	265.4	200	M20x2	DSK25	2.65
BT50-	GSK10-105	A	100	27	27.5	-	206.8	105	M10x1.5	DSK10	3.78
	GSK10-135	A	100	27	27.5	-	236.8	135	M10x1.5	DSK10	4.00
	GSK10-165	A	100	27	27.5	-	266.8	165	M10x1.5	DSK10	4.33
	GSK10-200L	B	100	27	27.5	35.2	301.8	200	M10x1.5	DSK10	4.75
	GSK16-100	A	100	40	40.5	-	201.8	100	M16x2	DSK16	3.93
	GSK16-125	A	100	40	40.5	-	226.8	125	M16x2	DSK16	4.17
	GSK16-150	A	100	40	40.5	-	251.8	150	M16x2	DSK16	4.49
	GSK16-200L	B	100	40	40.5	48.4	301.8	200	M16x2	DSK16	5.50
	GSK16-250L	B	100	40	40.5	48.4	351.8	250	M16x2	DSK16	6.50
	GSK20-100	A	100	48	48.5	-	201.8	100	M16x2	DSK20	4.10
	GSK20-125	A	100	48	48.5	-	226.8	125	M16x2	DSK20	4.32
	GSK20-150	A	100	48	48.5	-	251.8	150	M16x2	DSK20	4.65
	GSK20-200	A	100	48	48.5	-	301.8	200	M16x2	DSK20	5.75
	GSK20-250L	B	100	48	48.5	55.4	351.8	250	M16x2	DSK20	6.78
	GSK20-300L	B	100	48	48.5	55.4	401.8	300	M16x2	DSK20	7.80
	GSK25-100	A	100	55	55	-	201.8	100	M20x2	DSK25	4.10
	GSK25-125	A	100	55	55	-	226.8	125	M20x2	DSK25	4.62
	GSK25-150	A	100	55	55	-	251.8	150	M20x2	DSK25	5.10
	GSK25-200	A	100	55	55	-	301.8	200	M20x2	DSK25	5.81
	GSK25-250L	B	100	55	55	61.4	351.8	250	M20x2	DSK25	6.85
	GSK25-300L	B	100	55	55	61.4	401.8	300	M20x2	DSK25	8.00

注：筒夹与扳手需单独另购，可选配中心出水螺帽与端面出水螺帽,详见配件。

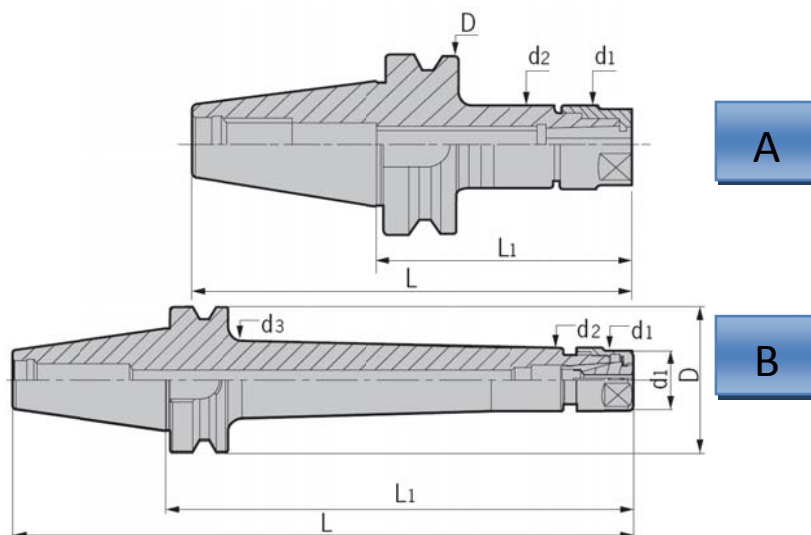
Notice: Collets and wrenches shall be ordered separately.

特点 / Feature

■动平衡设定: G2.5; 25,000 rpm。 ■Balanced: G2.5; 25,000 rpm;

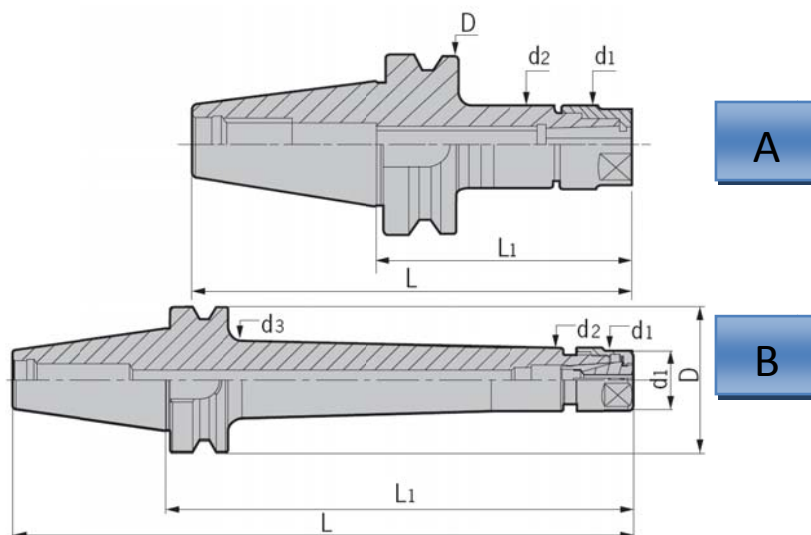
■3D 处径向跳动 0.005 mm。 ■Runout (X3D): < 0.005 mm.

BT-DSK 高速精密筒夹刀柄
BT-DSK High Precision Chuck



型号 Specification		图示 Figure	尺寸 Dimension							适用筒夹 Suit collet	重量 Weight
			D	d1	d2	d3	L	L1	T		
BT30-	DSK6-70	A	46	20	20	-	118.4	70	M6x1	DSK6	0.45
	DSK6-100	A	46	20	20	-	148.4	100	M6x1	DSK6	0.64
	DSK10-70	A	46	27.5	27.5	-	118.4	70	M10x1.5	DSK10	0.46
	DSK10-100	A	46	27.5	27.5	-	148.4	100	M10x1.5	DSK10	0.70
	DSK16-70	A	46	40.5	40.5	-	118.4	70	M16x2	DSK16	0.70
	DSK16-100	A	46	40.5	40.5	-	148.4	100	M16x2	DSK16	1.00
	DSK16-120	A	46	40.5	40.5	-	168.4	120	M16x2	DSK16	1.25
	DSK16-150	A	46	40.5	40.5	-	198.4	150	M16x2	DSK16	1.35
	DSK20-70	A	46	48.5	48.5	-	118.4	70	M16x2	DSK20	0.75
	DSK20-100	A	46	48.5	48.5	-	148.4	100	M16x2	DSK20	1.15
	DSK25-100	A	46	55	55	-	148.4	100	M20x2	DSK25	1.20
BT40-	DSK6-70	A	63	20	20	-	135.4	70	M6x1	DSK6	1.05
	DSK6-100	A	63	20	20	-	165.4	100	M6x1	DSK6	1.25
	DSK6-120	A	63	20	20	-	185.4	120	M6x1	DSK6	1.39
	DSK6-150L	B	63	20	20	26.4	215.4	150	M6x1	DSK6	1.55
	DSK10-70	A	63	27.5	27.5	-	135.4	70	M10x1.5	DSK10	1.10
	DSK10-100	A	63	27.5	27.5	-	165.4	100	M10x1.5	DSK10	1.30
	DSK10-120	A	63	27.5	27.5	-	185.4	120	M10x1.5	DSK10	1.42
	DSK10-150	A	63	27.5	27.5	-	215.4	150	M10x1.5	DSK10	1.55
	DSK10-200L	B	63	27.5	27.5	33.7	265.4	200	M10x1.5	DSK10	1.85
	DSK16-70	A	63	40.5	40.5	-	135.4	70	M16x2	DSK16	1.21
	DSK16-100	A	63	40.5	40.5	-	165.4	100	M16x2	DSK16	1.42
	DSK16-120	A	63	40.5	40.5	-	185.4	120	M16x2	DSK16	1.61
	DSK16-150	A	63	40.5	40.5	-	215.4	150	M16x2	DSK16	1.80
	DSK16-200L	B	63	40.5	40.5	45.7	265.4	200	M16x2	DSK16	1.95
	DSK20-70	A	63	48.5	48.5	-	135.4	70	M16x2	DSK20	1.52
	DSK20-100	A	63	48.5	48.5	-	165.4	100	M16x2	DSK20	1.68
	DSK20-120	A	63	48.5	48.5	-	185.4	120	M16x2	DSK20	1.90
	DSK20-150	A	63	48.5	48.5	-	215.4	150	M16x2	DSK20	2.10

BT-DSK 高速精密筒夹刀柄
BT-DSK High Precision Chuck



型号 Specification		图示 Figure	尺寸 Dimension							适用筒夹 Suit collet	重量 Weight
			D	d1	d2	d3	L	L1	T		
BT40-	DSK20-200L	B	63	48.5	48.5	55.7	265.4	200	M16x2	DSK20	2.30
	DSK25-100	A	63	55	55	-	165.4	100	M20x2	DSK25	1.81
	DSK25-120	A	63	55	55	-	185.4	120	M20x2	DSK25	2.05
	DSK25-150	A	63	55	55	-	215.4	150	M20x2	DSK25	2.30
	DSK25-200L	B	63	55	55	59.9	265.4	200	M20x2	DSK25	2.65
BT50-	DSK10-105	A	100	27.5	27.5	-	206.8	105	M10x1.5	DSK10	3.78
	DSK10-135	A	100	27.5	27.5	-	236.8	135	M10x1.5	DSK10	4.00
	DSK10-165	A	100	27.5	27.5	-	266.8	165	M10x1.5	DSK10	4.33
	DSK10-200L	B	100	27.5	27.5	35.2	301.8	200	M10x1.5	DSK10	4.75
	DSK16-100	A	100	40.5	40.5	-	201.8	100	M16x2	DSK16	3.93
	DSK16-125	A	100	40.5	40.5	-	226.8	125	M16x2	DSK16	4.17
	DSK16-150	A	100	40.5	40.5	-	251.8	150	M16x2	DSK16	4.49
	DSK16-200L	B	100	40.5	40.5	48.4	301.8	200	M16x2	DSK16	5.50
	DSK16-250L	B	100	40.5	40.5	48.4	351.8	250	M16x2	DSK16	6.50
	DSK20-100	A	100	48.5	48.5	-	201.8	100	M16x2	DSK20	4.10
	DSK20-125	A	100	48.5	48.5	-	226.8	125	M16x2	DSK20	4.32
	DSK20-150	A	100	48.5	48.5	-	251.8	150	M16x2	DSK20	4.65
	DSK20-200	A	100	48.5	48.5	-	301.8	200	M16x2	DSK20	5.75
	DSK20-250L	B	100	48.5	48.5	55.4	351.8	250	M16x2	DSK20	6.78
	DSK20-300L	B	100	48.5	48.5	55.4	401.8	300	M16x2	DSK20	7.80
	DSK25-100	A	100	55	55	-	201.8	100	M20x2	DSK25	4.10
	DSK25-125	A	100	55	55	-	226.8	125	M20x2	DSK25	4.62
	DSK25-150	A	100	55	55	-	251.8	150	M20x2	DSK25	5.10
	DSK25-200	A	100	55	55	-	301.8	200	M20x2	DSK25	5.81
	DSK25-250L	B	100	55	55	61.4	351.8	250	M20x2	DSK25	6.85
	DSK25-300L	B	100	55	55	61.4	401.8	300	M20x2	DSK25	8.00

注：筒夹与扳手需单独另购,水螺帽与端面出水螺帽详见配件。

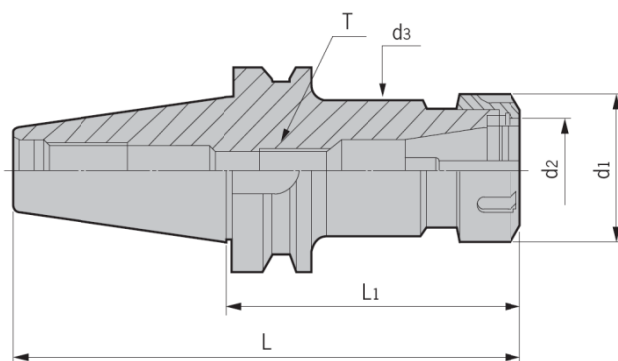
Notice: Collets and wrenchs shall be ordered separately.

特点 / Feature

■动平衡设定: G2.5; 20,000 rpm。 ■Balanced: G2.5; 20,000 rpm;

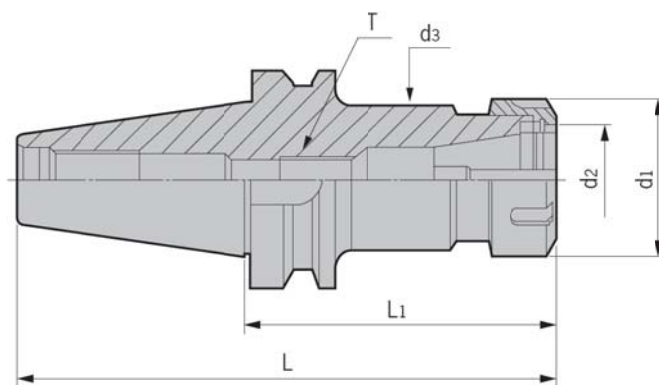
■3D 处径向跳动 0.005 mm。 ■Runout (X3D): < 0.005 mm.

BT-ER 弹性筒夹刀柄
BT-ER Spring Collet Chuck



型号 Specification		尺寸 Dimension						重量 Weight
		d1	d2	d3	L1	L	T	
BT30-	ER16-70	28	16	28	70	118.4	M10X1.5P	0.52
	ER16-100	28	16	28	100	148.4	M10X1.5P	0.64
	ER16-120	28	16	28	120	168.4	M10X1.5P	0.73
	ER20-70	34	20	34	70	118.4	M12X1.75P	0.57
	ER20-100	34	20	34	100	148.4	M12X1.75P	0.76
	ER20-135	34	20	34	135	183.4	M12X1.75P	0.99
	ER25-70	42	25	42	70	118.4	M16X2.0P	0.66
	ER32-70	42	25	42	100	148.4	M16X2.0P	0.98
	ER25-100	42	25	42	135	183.4	M16X2.0P	1.31
	ER25-135	50	32	50	70	118.4	M16X2.0P	0.72
	ER32-100	50	32	50	100	148.4	M16X2.0P	1.14
	ER40-80	63	40	63	80	128.4	M16X2.0P	1.20
BT40-	ER16-70	28	16	28	70	135.4	M10X1.5P	1.08
	ER16-100	28	16	28	100	165.4	M10X1.5P	1.21
	ER16-125	28	16	28	125	190.4	M10X1.5P	1.30
	ER16-150	28	16	28	150	215.4	M10X1.5P	1.44
	ER20-70	34	20	34	70	135.4	M12X1.75P	1.12
	ER20-100	34	20	34	100	170.4	M12X1.75P	1.33
	ER20-125	34	20	34	125	190.4	M12X1.75P	1.48
	ER20-150	34	20	34	150	215.4	M12X1.75P	1.65
	ER25-70	42	25	42	70	135.4	M16X2.0P	1.22
	ER25-100	42	25	42	100	165.4	M16X2.0P	1.49
	ER25-125	42	25	42	125	190.4	M16X2.0P	1.71
	ER25-150	42	25	42	150	215.4	M16X2.0P	1.97
	ER32-70	50	32	50	70	135.4	M16X2.0P	1.27
	ER32-100	50	32	50	100	165.4	M16X2.0P	1.70
	ER32-150	50	32	50	150	215.4	M16X2.0P	2.39
	ER32-200	50	32	50	200	265.4	M16X2.0P	3.12
	ER40-80	63	40	63	80	145.4	M16X2.0P	1.62
	ER40-100	63	40	63	100	165.4	M16X2.0P	2.08
	ER40-120	63	40	63	120	185.4	M16X2.0P	2.55
	ER40-150	63	40	63	150	215.4	M16X2.0P	3.23

BT-ER 弹性筒夹刀柄
BT-ER Spring Collet Chuck



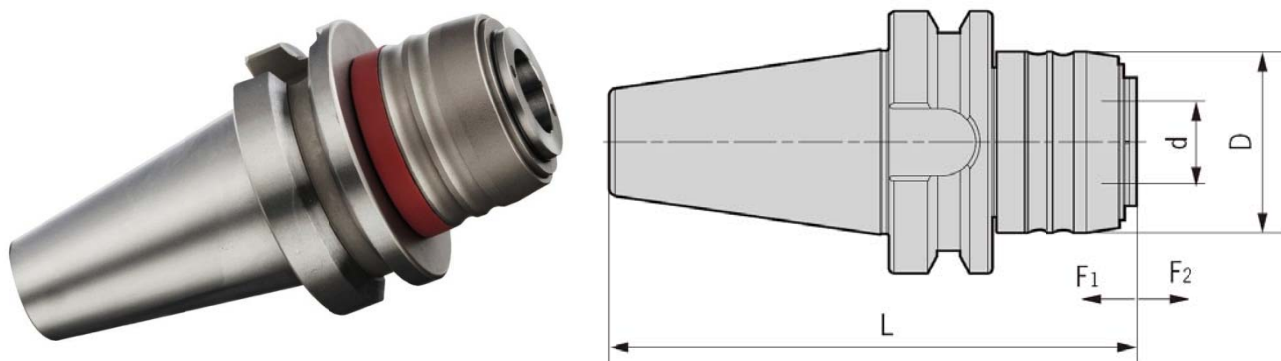
型号 Specification		尺寸 Dimension						重量 Weight
		d1	d2	d3	L1	L	T	
BT50-	ER16-70	28	16	28	70	171.8	M10X1.5P	3.67
	ER16-100	28	16	28	100	201.8	M10X1.5P	3.77
	ER16-135	28	16	28	135	236.8	M10X1.5P	3.95
	ER16-165	28	16	28	165	266.8	M10X1.5P	4.04
	ER20-70	34	20	34	70	171.8	M12X1.75P	3.66
	ER20-100	34	20	34	100	201.8	M12X1.75P	3.75
	ER20-135	34	20	34	135	236.8	M12X1.75P	4.08
	ER20-150	34	20	34	150	251.8	M12X1.75P	4.22
	ER20-200	34	20	34	200	301.8	M12X1.75P	4.66
	ER20-250	34	20	34	250	351.8	M12X1.75P	5.16
	ER25-70	42	25	42	70	171.8	M16X2.0P	3.64
	ER25-100	42	25	42	100	201.8	M16X2.0P	4.02
	ER25-125	42	25	42	125	226.8	M16X2.0P	4.26
	ER25-150	42	25	42	150	251.8	M16X2.0P	4.54
	ER25-200	42	25	42	200	301.8	M16X2.0P	5.01
	ER25-250	42	25	42	250	351.8	M16X2.0P	5.52
	ER32-80	50	32	50	80	181.8	M16X2.0P	3.80
	ER32-100	50	32	50	100	201.8	M16X2.0P	4.07
	ER32-120	50	32	50	120	221.8	M16X2.0P	4.35
	ER32-150	50	32	50	150	251.8	M16X2.0P	4.82
	ER32-200	50	32	50	200	301.8	M16X2.0P	5.32
	ER32-250	50	32	50	250	351.8	M16X2.0P	5.92
	ER40-80	63	40	63	80	181.8	M20X2.0P	3.93
	ER40-100	63	40	63	100	201.8	M20X2.0P	4.38
	ER40-120	63	40	63	120	221.8	M20X2.0P	4.86
	ER40-150	63	40	63	150	251.8	M20X2.0P	5.51

注：筒夹和扳手需单独订购见。

Notice: Collets and wrenches shall be ordered separately.

BT-VER 快换式微补偿攻牙刀柄

BT-VER Tapping Chuck



型号 Specification		尺寸 Dimension					攻牙能力 Tapping capacity	使用延长杆 Suit extender	重量 Weight
		D	d	L	F1	F2			
BT40-	VER16-61	43.5	20	61	0.2	1	M3-M12	VER16-M24	1.05
	VER20-72	52	25	72	0.2	1	M5-M16	VER20-M26	1.20
	VER25-82	60	32	82	0.2	1	M6-M20	VER25-M28	1.35
	VER32-98	72	40	98	0.2	1	M10-M24	VER32-M30	1.68
	VER40-107	87	50	107	0.2	1	M14-M33	VER40-M32	1.95
BT50-	VER16-72	43.5	20	72	0.2	1	M3-M12	VER16-M24	3.55
	VER20-72	52	25	83	0.2	1	M5-M16	VER20-M26	3.45
	VER25-93	60	32	93	0.2	1	M6-M20	VER25-M28	3.88
	VER32-98	72	40	109	0.2	1	M10-M24	VER32-M30	4.22
	VER40-107	87	50	124	0.2	1	M14-M33	VER40-M32	4.65

注：筒夹和扳手需单独订购。

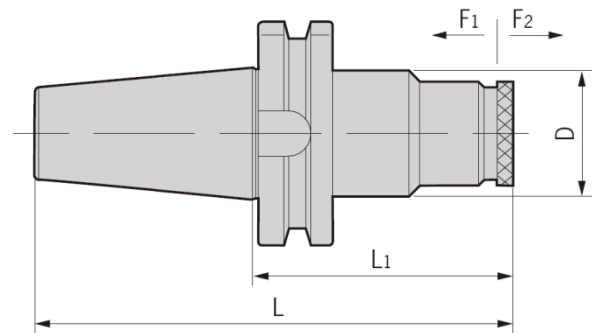
Notice: Collets and wrenchs shall be ordered separately.

特点 / Feature

- 显著提高丝锥使用寿命 80%以上。■Tap tool life increased by 80% and above;
- 有效提高加工生产效率 2-4 倍。■Work efficiency increased 2 to 4 times;
- 明显提高表面加工质量与精度。■Better surface quality;
- 使用 ER 攻丝专用筒夹夹持。■With ER tapping collet;
- 无需依赖设备精度。■Best choice for squeeze.
- 挤压丝锥首选。

BT-TPN 扭力伸缩攻牙刀柄

BT-TPN Tapping Chuck With High Rigidity

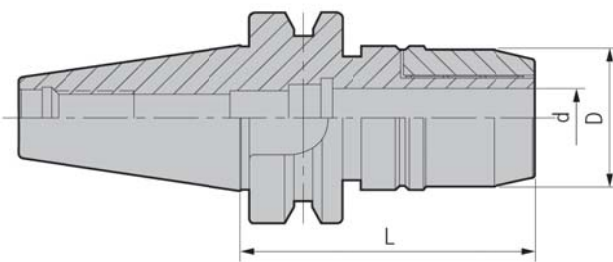


型号 Specication		尺寸 Dimension					适用筒夹 Suit collet	攻牙能力 Tapping capacity	重量 Weight
		D	F1	F2	L1	L			
BT30-	TPN316	50	10	20	111.6	162	TPD316	M3-M16	0.75
	TPN830	66	10	25	148.6	199	TPD830	M8-M30	0.80
BT40-	TPN316	50	10	20	101	168	TPD316	M3-M16	1.56
	TPN830	66	10	25	141	208	TPD830	M8-M30	2.62
BT50-	TPN316	50	10	20	118	222.8	TPD316	M3-M16	4.24
	TPN830	66	10	25	130.2	235	TPD830	M8-M30	4.77

注：筒夹需单独订购。

Notice: Collets shall be ordered separately.

BT-HPM 高速精密强力铣刀夹头
BT-HPM High Speed Milling Chuck



型号 Specification		范围 Range	尺寸 Dimension			适用筒夹 Suit collet	重量 Weight
			D	d	L		
BT30-	HPM16-70	3-16	46	16	70	GC16	1.40
	HPM20-75	6-20	55	20	75	GC20	1.80
BT40-	HPM16-70	3-16	46	16	70	GC16	1.60
	HPM16-105	3-16	46	16	105	GC16	1.80
	HPM16-135	3-16	46	16	135	GC16	2.30
	HPM20-80	6-20	55	20	80	GC20	2.40
	HPM20-105	6-20	55	20	105	GC20	2.50
	HPM20-135	6-20	55	20	135	GC22	3.90
BT50-	HPM16-90	6-32	68	32	105	GC32	4.10
	HPM16-110	6-32	68	32	135	GC32	4.30
	HPM16-135	3-16	46	16	90	GC16	4.50
	HPM16-150	3-16	46	16	110	GC16	2.80
	HPM32-105	3-16	46	16	135	GC16	4.50
	HPM32-135	3-16	46	16	150	GC16	2.80
	HPM20-105	6-20	55	20	105	GC20	3.00
	HPM20-135	6-20	55	20	135	GC20	4.70
	HPM20-150	6-20	55	20	150	GC20	4.90
	HPM32-110	6-32	68	32	110	GC32	5.20
	HPM32-135	6-32	68	32	135	GC32	5.90
	HPM32-165	6-32	68	32	165	GC32	6.60

注：筒夹和扳手需单独订购。

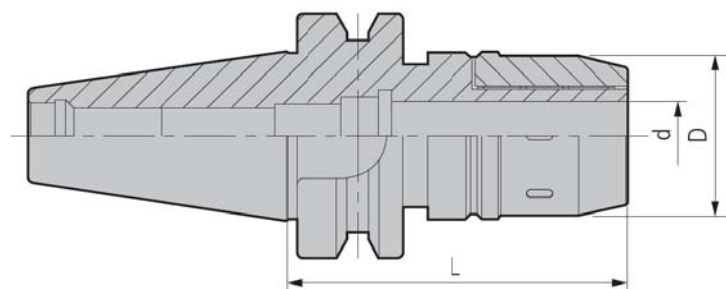
Notice: Collets and wrenches shall be ordered separately.

特点 / Feature

■动平衡设定: G2.5; 20,000 rpm。 ■Balanced: G2.5; 20,000 rpm;

■3D 处径向跳动 0.02 mm。 ■Runout (X3D): < 0.02 mm.

BT-HPC 高速精密强力铣刀夹头
BT-HPC High-speed Milling Chuck



型号 Specification		范围 Range	尺寸 Dimension			适用筒夹 Suit collet	重量 Weight
			D	d	L		
BT30-	HPC16-70	3-16	46	16	70	GC16	1.40
	HPC20-75	6-20	51.5	20	75	GC20	1.80
BT40-	HPC16-70	3-16	46	16	70	GC16	1.60
	HPC16-105	3-16	46	16	105	GC16	1.80
	HPC16-135	3-16	46	16	135	GC16	2.30
	HPC20-80	6-20	51.5	20	80	GC20	2.40
	HPC20-105	6-20	51.5	20	105	GC20	2.50
	HPC20-135	6-20	51.5	20	135	GC20	2.80
	HPC32-105	6-32	70.5	32	105	GC32	2.80
	HPC32-135	6-32	70.5	32	135	GC32	3.00
BT50-	HPC16-90	3-16	46	16	90	GC16	3.90
	HPC16-110	3-16	46	16	110	GC16	4.10
	HPC16-135	3-16	46	16	135	GC16	4.30
	HPC16-150	3-16	46	16	150	GC16	4.50
	HPC20-105	6-20	51.5	20	105	GC20	4.50
	HPC20-135	6-20	51.5	20	135	GC20	4.70
	HPC20-150	6-20	51.5	20	150	GC20	4.90
	HPC32-110	6-32	70.5	32	110	GC32	5.20
	HPC32-135	6-32	70.5	32	135	GC32	5.90
	HPC32-165	6-32	70.5	32	165	GC32	6.60

注：报价时含扳手，筒夹需单独订购。

Notice: Wrench is included, while collet is to be ordered separately.

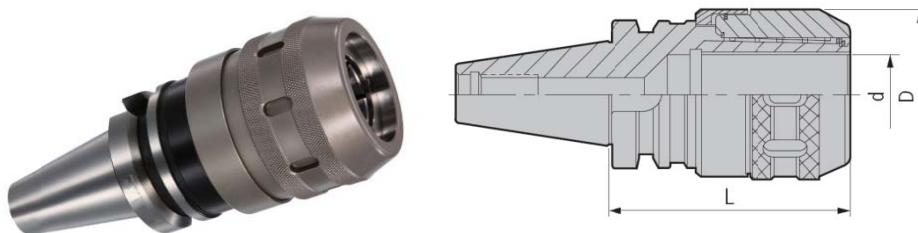
特点 / Feature

■ 动平衡设定: G6.3; 15,000 rpm。 ■ Balanced: G6.3; 15,000 rpm;

■ 3D 处径向跳动 0.02 mm。 ■ Runout (X3D): < 0.02 mm.

BT-GLC 强力筒夹本体

BT-GLC Power Milling Chuck For Heavy Duty



型号 Specification		范围 Range	尺寸 Dimension			适用筒夹 Suit collet	重量 Weight
			D	d	L		
BT30-	GLC20-75	6-20	51.5	20	75	GC20	1.59
	GLC20-100	6-20	51.5	20	100	GC20	1.73
BT40-	GLC20-80	6-20	51.5	20	80	GC20	1.85
	GLC20-100	6-20	51.5	20	100	GC20	2.11
	GLC20-135	6-20	51.5	20	135	GC32	2.65
	GLC32-105	6-32	70.5	32	105	GC32	2.28
	GLC32-135	6-32	70.5	32	135	GC32	2.87
BT50-	GLC20-105	6-20	51.5	20	105	GC20	4.30
	GLC20-150	6-20	51.5	20	150	GC20	5.83
	GLC32-110	6-32	70.5	32	110	GC32	4.52
	GLC32-135	6-32	70.5	32	135	GC32	5.44
	GLC32-165	6-32	70.5	32	165	GC32	6.19
	GLC32-200	6-32	70.5	32	200	GC32	6.95
	GLC42-115	6-42	86	42	115	GC42	5.50
	GLC42-135	6-42	86	42	135	GC42	6.43
	GLC42-165	6-42	86	42	165	GC42	7.65

注：报价时含扳手，筒夹需单独订购。

Notice: Wrench is included, while collet shall be ordered separately.

特点 / Feature

- 刀柄采用四组 220 根针状滚针经特殊排列而成。
- 端面锁紧增强了本体钢性强度。
- 立铣刀无振动无滑移实现了最大能力范围的重铣削加工，跳动精度 0.02mm。
- The tool holder uses four special layers with 220 pieces bearing arranged in particular.
- It can reduce the locking resistance and also show best performance on heavy cutting.
- The usual length of power milling chuck show that the highest runout accuracy can reach to 0.02mm.

BT-GLC 强力筒夹本体套装组

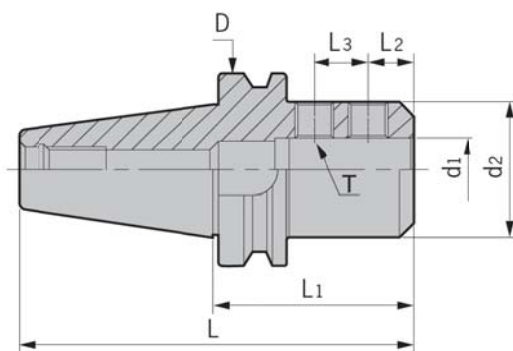
BT-GLC Power Chuck Kit

型号 Specication		筒夹 Collet	数量 PCS/SET	重量 Weight
BT40-	GLC20-100-5PCS	GC20-6,8,10,12,16	5	7.30
	GLC32-105-7PCS	GC32-6,8,10,12,16,20,25	7	7.80
BT50-	GLC20-105-5PCS	GC20-6,8,10,12,16	5	7.50
	GLC32-110-7PCS	GC32-6,8,10,12,16,20,25	7	8.40
	GLC42-115-8PCS	GC42-6,8,10,12,16,20,25,32	8	11.40

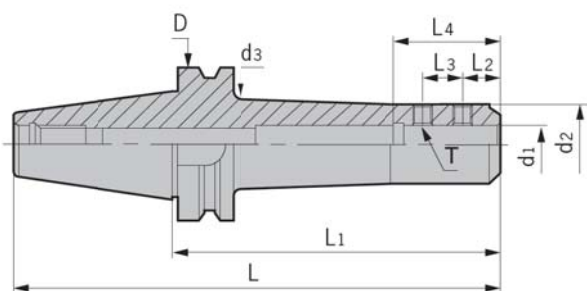


BT-GLN 侧固式刀柄

BT-GLN Side-lock Holder



A

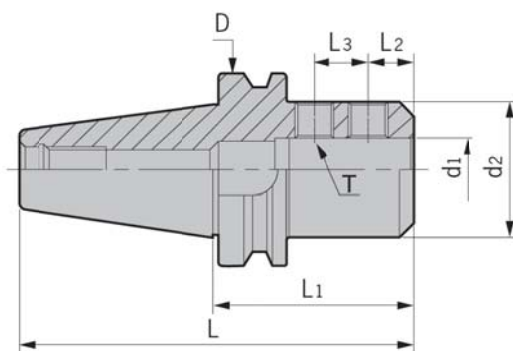


B

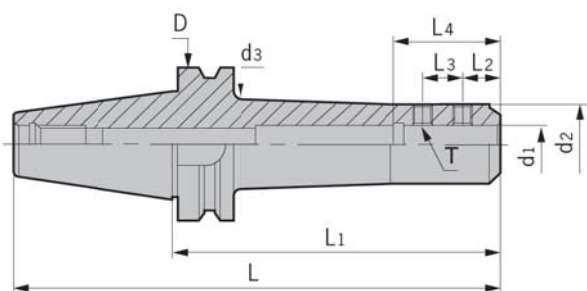
型号 Specification		图示 Figure	尺寸 Dimension								侧面压紧螺钉 Side-lock GCrew	重量 Weight
			D	d1	d2	d3	L1	L2	L3	L		
BT30-	GLN6-60	A	46	6	25	-	60	18	-	108.4	M060U080	0.55
	GLN8-60	A	46	8	28	-	60	18	-	108.4	M080U100	0.60
	GLN10-60	A	46	10	35	-	60	20	-	108.4	M100U120	0.70
	GLN12-60	A	46	12	42	-	60	22.5	-	108.4	M120U140	0.75
	GLN16-75	A	46	16	48	-	75	24	-	123.4	M140U160	1.05
	GLN20-75	A	46	20	52	-	75	25	-	123.4	M160U160	1.10
	GLN25-90	A	46	25	65	-	90	24	25	138.4	M180Z180P	1.70
BT40-	GLN6-50	A	63	6	25	-	50	18	-	115.4	M060U080	1.10
	GLN6-100	A	63	6	25	-	100	12	10	165.4	M060U080	1.40
	GLN8-50	A	63	8	28	-	50	18	-	115.4	M080U100	1.10
	GLN8-100	A	63	8	28	-	100	14	12	165.4	M080U100	1.42
	GLN10-63	A	63	10	35	-	63	20	-	128.4	M100U100	1.25
	GLN10-100	A	63	10	35	-	100	15	14	165.4	M100U120	1.45
	GLN12-63	A	63	12	42	-	63	22.5	-	128.4	M120U140	1.26
	GLN12-100	A	63	12	42	-	100	20	16	165.4	M120U140	1.50
	GLN16-63	A	63	16	48	-	63	24	-	128.4	M140U160	1.31
	GLN16-100	A	63	16	48	-	100	22	18	165.4	M140U160	1.52
	GLN20-63	A	63	20	52	-	63	25	-	128.4	M160U160	1.33
	GLN20-100	A	63	20	52	-	100	25	20	165.4	M160U160	1.60
	GLN25-100	A	63	25	65	-	100	24	25	165.4	M180Z180P	2.32
	GLN32-100	A	63	32	72	-	100	24	28	165.4	M200Z180P	3.80
BT50-	GLN6-63	A	100	6	25	-	63	18	-	164.8	M060U080	3.80
	GLN6-100	A	100	6	25	-	100	12	10	201.8	M060U080	4.20
	GLN8-63	A	100	8	28	-	63	18	-	164.8	M080U100	3.80
	GLN8-100	A	100	8	28	-	100	14	12	201.8	M080U100	4.22
	GLN10-63	A	100	10	35	-	63	18	-	164.8	M100U100	3.80
	GLN10-100	A	100	10	35	-	100	15	14	201.8	M100U120	4.25

BT-GLN 侧固式刀柄

BT-GLN Side-lock Holder



A



B

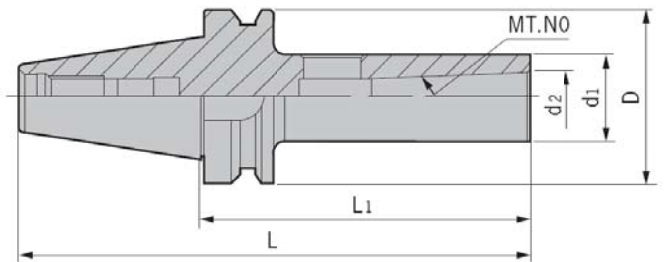
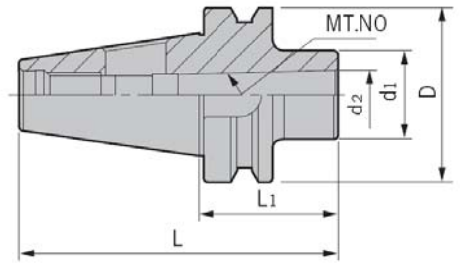
型号 Specification		图示 Figure	尺寸 Dimension								侧面压紧螺钉 Side-lock GCrew	重量 Weight
			D	d1	d2	d3	L1	L2	L3	L		
BT50-	GLN12-80	A	100	12	42	-	80	22.5	-	181.8	M120U140	3.99
	GLN12-125	A	100	12	42	-	125	20	16	226.8	M120U140	5.00
	GLN16-80	A	100	16	48	-	80	24	-	181.8	M140U160	4.03
	GLN16-125	A	100	16	48	-	125	22	18	226.8	M140U160	5.20
	GLN16-165L	B	100	16	48	53	165	22	18	266.8	M140U160	6.30
	GLN20-80	A	100	20	52	-	80	25	-	181.8	M160U160	4.03
	GLN20-125	A	100	20	52	-	125	25	20	226.8	M160U160	5.30
	GLN20-165L	B	100	20	52	57	165	25	20	266.8	M160U160	6.35
	GLN20-210L	B	100	20	52	59	210	25	20	316.8	M160U160	7.25
	GLN25-100	A	100	25	65	-	100	24	25	201.8	M180Z180P	4.62
	GLN25-165L	B	100	25	65	70	165	24	25	266.8	M180Z180P	6.63
	GLN25-210L	B	100	25	65	70	210	24	25	311.8	M180Z180P	7.30
	GLN32-105	A	100	32	72	-	105	24	28	206.8	M200Z180P	4.80
	GLN32-165L	B	100	32	72	77	165	24	28	266.8	M200Z180P	6.70
	GLN32-210L	B	100	32	72	77	210	24	28	311.8	M200Z180P	7.50
	GLN40-115	A	100	40	90	-	115	30	32	216.8	M200Z180P	5.42
	GLN42-120	A	100	42	90	-	120	30	32	221.8	M200Z180P	6.14
	GLN42-210L	B	100	42	90	95	210	30	32	311.8	M200Z180P	7.23
	GLN50-120	A	100	50	90	-	120	35	35	221.8	M200Z180P	5.65
	GLN50.8-120	A	100	50.8	90	-	120	33	34.54	221.8	M200Z180P	5.58

注：扳手需单独订购。

Notice: Wrenchs shall be ordered separately.

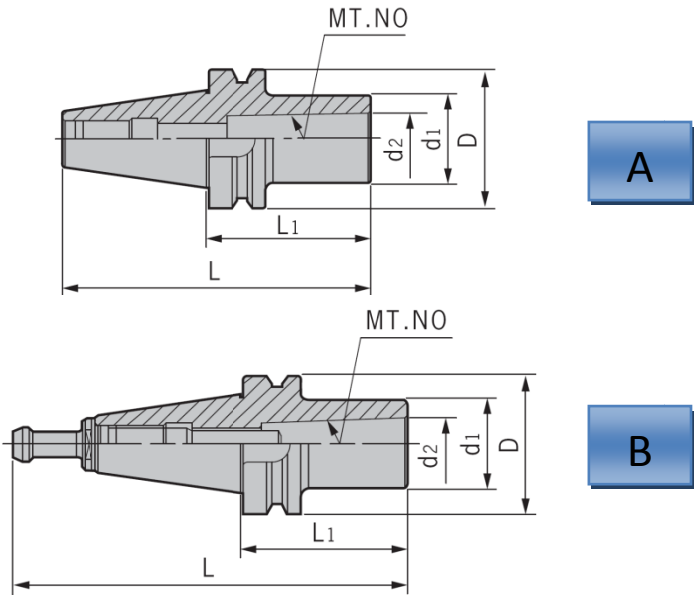
BT-MTA 莫氏锥套刀柄（钻头套筒）

BT-MTA Morse Taper Holder



型号 Specification		莫氏锥度 MT.NO	尺寸 Dimension					重量 Weight
			D	d1	d2	L1	L	
BT30-	MTA1-45	1	46	25	12.065	45	93.4	0.55
	MTA1-105	1	46	25	12.065	105	153.4	0.80
	MTA2-60	2	46	32	17.78	60	108.4	0.60
	MTA2-120	2	46	32	17.78	120	168.4	0.90
	MTA3-80	3	46	40	23.825	80	128.4	0.80
BT40-	MTA1-45	1	63	25	12.065	45	110.4	1.05
	MTA1-120	1	63	25	12.065	120	185.4	1.28
	MTA2-50	2	63	32	17.78	50	115.4	1.00
	MTA2-120	2	63	32	17.78	120	185.4	1.41
	MTA3-70	3	63	40	23.825	70	135.4	1.13
	MTA3-135	3	63	40	23.825	135	200.4	1.75
	MTA4-95	4	63	48	31.267	95	160.4	1.35
	MTA4-165	4	63	48	31.267	165	230.4	2.30
BT50-	MTA1-45	1	100	25	12.065	45	146.8	3.59
	MTA1-120	1	100	25	12.065	120	221.8	3.88
	MTA1-180	1	100	25	12.065	180	281.8	4.12
	MTA2-60	2	100	32	17.78	60	161.8	3.64
	MTA2-135	2	100	32	17.78	135	236.8	4.17
	MTA2-180	2	100	32	17.78	180	281.8	4.39
	MTA3-65	3	100	40	23.825	65	166.8	3.60
	MTA3-150	3	100	40	23.825	150	251.8	4.40
	MTA3-180	3	100	40	23.825	180	281.8	4.73
	MTA4-95	4	100	48	31.267	95	196.8	3.88
	MTA4-180	4	100	48	31.267	180	281.8	5.00
	MTA5-105	5	100	63	44.399	105	206.8	3.74

BT-MTB 莫氏锥套刀柄（螺丝锁紧）
BT-MTB Morse Taper Holder

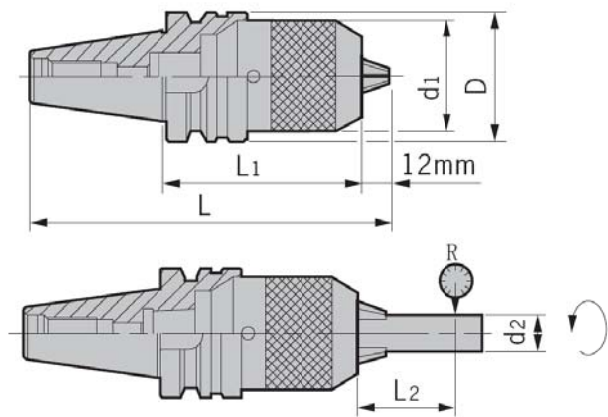


型号 Specification		莫氏锥度 MT.NO	图示 Figure	尺寸 Dimension					拉紧螺钉 Tension GCrew	范围 Range	重量 Weight
				D	d1	d2	L1	L			
BT30-	MTB1-45	1	A	46	25	12.065	45	93.4	E060U160	Φ10-Φ14	0.55
	MTB2-60	2	B	46	32	17.78	60	108.4	BT30-45-MT2	Φ16-Φ22	0.60
BT40-	MTB1-45	1	A	63	25	12.065	45	110.4	E060U160	Φ10-Φ14	1.00
	MTB2-50	2	A	63	32	17.78	50	115.4	E100U300-MTB	Φ16-Φ22	1.02
	MTB3-75	3	B	63	40	23.825	75	140.4	BT40-45-MT3	Φ24-Φ32	1.19
	MTB4-90	4	B	63	48	31.267	90	155.4	BT40-45-MT4	Φ32-Φ50	1.33
BT50-	MTB1-45	1	A	100	25	12.065	45	146.8	E060U250	Φ10-Φ14	3.30
	MTB2-45	2	A	100	32	17.78	45	151.8	E100U350	Φ16-Φ22	3.57
	MTB3-60	3	A	100	40	23.825	60	161.8	E120U400	Φ24-Φ32	3.61
	MTB4-75	4	A	100	50	31.267	75	176.8	E160U400-MTB	Φ32-Φ50	3.68
	MTB5-120	5	B	100	70	44.399	120	221.8	BT50-45-MT5	Φ55-Φ60	4.10

注：报价时含拉紧螺钉。
Notice:Tension GCrew is included.

BT-GPU 整体式钻夹头刀柄

BT-GPU Drill Chuck Holder



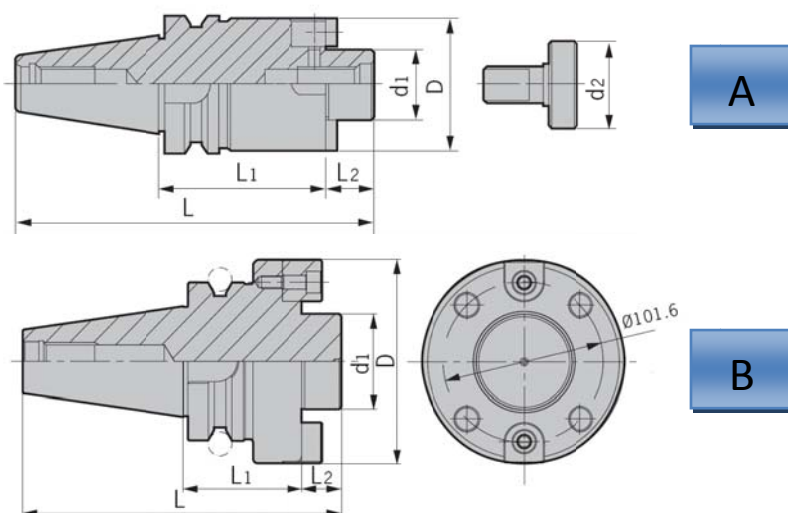
型号 Specification		尺寸 Dimension						偏摆精度	夹持范围	重量
		D	d1	d2	L1	L2	L	R	Range	Weight
BT30-	GPU8-80	46	37	8	80	55	137.4	0.04	0-8	0.72
	GPU13-110	46	50	13	110	75	170.4	0.04	0.3-13	1.62
	GPU16-120	46	57	16	120	80	180.4	0.04	3-16	1.70
BT40-	GPU8-85	63	37	8	85	55	159.4	0.04	0-8	1.36
	GPU13-100	63	50	13	100	75	177.4	0.04	0.3-13	1.76
	GPU13-130	63	50	13	130	75	207.4	0.04	0.3-13	2.47
	GPU16-105	63	57	16	105	80	187.4	0.04	3-16	2.18
BT50-	GPU8-90	100	37	8	90	55	200.4	0.04	0-8	4.32
	GPU13-100	100	50	13	100	75	213.4	0.04	0.3-13	4.98
	GPU13-130	100	50	13	130	75	243.4	0.04	0.3-13	5.50
	GPU13-180	100	50	13	180	75	293.4	0.04	0.3-13	6.06
	GPU16-105	100	57	16	105	80	223.4	0.04	3-16	4.78
	GPU16-130	100	57	16	130	80	248.4	0.04	3-16	5.24
	GPU16-190	100	57	16	190	80	308.8	0.04	3-16	6.66

注：报价时含扳手。

Notice:Wrench is included.

BT-FMA 平面铣刀柄（直柄式）

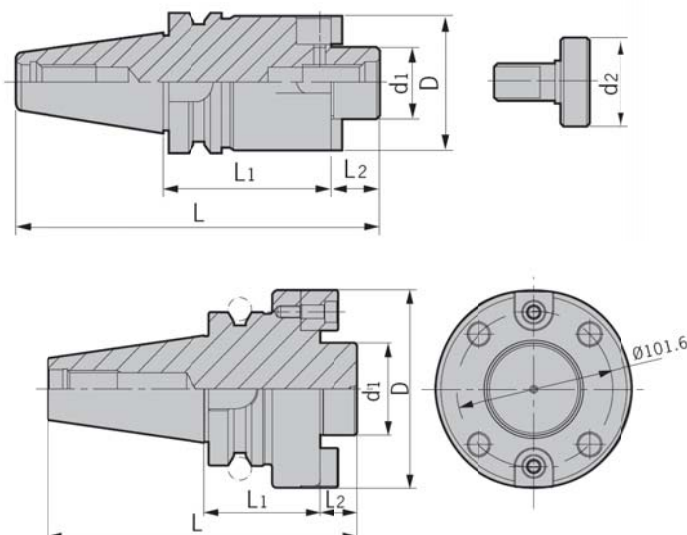
BT-FMA Face Mill Holder



型号 Specification		图示 Figure	尺寸 Dimension						刀盘锁紧螺钉 Locking GCrew for cutter	垫圈 Washer	重量 Weight
			D	d1	d2	L1	L2	L			
BT30-	FMA25.4-45	A	50	25.4	31.5	45	20	113.4	E120U300	-	1.10
	FMA25.4-60	A	50	25.4	31.5	60	20	128.4	E120U300	-	1.30
	FMA31.75-45	A	60	31.75	40	45	22	115.4	E160U350	-	1.35
BT40-	FMA25.4-45	A	50	25.4	31.5	45	20	130.4	E120U300	-	1.54
	FMA25.4-60	A	50	25.4	31.5	60	20	145.4	E120U300	-	1.77
	FMA25.4-90	A	50	25.4	31.5	90	20	175.4	E120U300	-	2.23
	FMA25.4-105	A	50	25.4	31.5	105	20	190.4	E120U300	-	2.47
	FMA31.75-45	A	60	31.75	40	45	22	132.4	E160U350	FM-2	1.65
	FMA31.75-75	A	60	31.75	40	75	22	162.4	E160U350	FM-2	2.31
	FMA31.75-90	A	60	31.75	40	90	22	177.4	E160U350	FM-2	2.64
	FMA38.10-60	A	75	38.1	50	60	25	150.4	E160U350	FM-3	2.36
	FMA50.80-60	A	95	50.8	65	60	36	161.4	E160U350	-	3.50
	FMA50.80-90	A	95	50.8	65	90	36	191.4	E160U350	-	4.00
BT50-	FMA25.4-45	A	50	25.4	31.5	45	20	166.8	E120U300	-	3.87
	FMA25.4-90	A	50	25.4	31.5	90	20	211.8	E120U300	-	4.54
	FMA25.4-150	A	50	25.4	31.5	150	20	271.8	E120U300	-	5.47
	FMA31.75-45	A	60	31.75	40	45	22	168.8	E160Z350-40	-	4.04
	FMA31.75-75	A	60	31.75	40	75	22	198.8	E160Z350-40	-	4.72
	FMA31.75-105	A	98	31.75	40	105	22	228.8	E160Z350-40	-	7.19
	FMA38.10-45	A	80	38.1	50	45	25	171.8	E160Z350-50	-	4.27
	FMA38.10-75	A	80	38.1	50	75	25	201.8	E160Z350-50	-	5.48
	FMA50.80-45	A	95	50.8	65	45	36	182.8	E240Z350-65	-	4.74
	FMA50.80-75	A	95	50.8	65	75	36	212.8	E240Z350-65	-	6.35
	FMA50.80-105	A	95	50.8	65	105	36	242.8	E240Z350-65	-	7.19
	FMA47.625F-75	B	128.75	47.625	-	75	32	208.8	E160U500	-	7.60

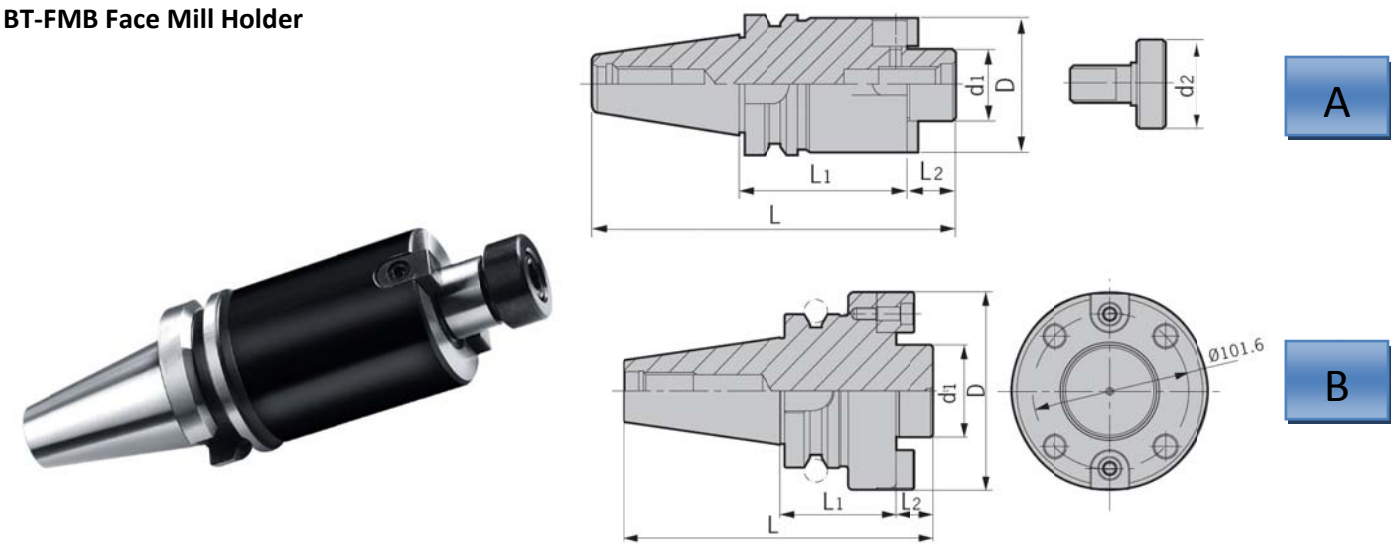
BT-FMB 平面铣刀柄（直柄式）

BT-FMB Face Mill Holder



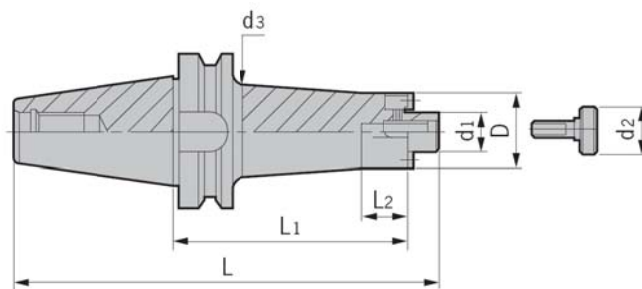
型号 Specification		图示 Figure	尺寸 Dimension						刀盘锁紧螺钉 Locking GCrew for cutter	垫圈 Washer	重量 Weight Weight
			D	d1	d2	L1	L2	L			
BT30-	FMB22-45	A	48	22	16	45	18	111.4	E100U300	-	0.85
	FMB22-60	A	48	22	16	60	18	126.4	E100U300	-	1.25
	FMB27-45	A	60	27	33	45	20	113.4	E120U300	FM-1	1.20
	FMB27-60	A	60	27	33	60	20	128.4	E120U300	FM-1	1.35
	FMB32-45	A	78	32	40	45	22	115.4	E160U350	-	1.35
BT40-	FMB22-45	A	48	22	16	45	18	128.4	E100U300	-	1.31
	FMB22-60	A	48	22	16	60	18	143.4	E100U300	-	1.51
	FMB22-90	A	48	22	16	90	18	173.4	E100U300	-	1.94
	FMB22-150	A	48	22	16	150	18	233.4	E100U300	-	2.70
	FMB22-200	A	48	22	16	200	18	283.4	E100U300	-	3.43
	FMB27-45	A	60	27	33	45	20	130.4	E120U300	FM-1	1.52
	FMB27-60	A	60	27	33	60	20	145.4	E120U300	FM-1	1.86
	FMB27-90	A	60	27	33	90	20	175.4	E120U300	FM-1	2.51
	FMB27-105	A	60	27	33	105	20	190.4	E120U300	FM-1	2.86
	FMB32-45	A	78	32	40	45	22	132.4	E160U350	FM-2	1.87
	FMB32-60	A	78	32	40	60	22	147.4	E160U350	FM-2	2.32
	FMB40-60	A	85	40	50	60	25	150.4	E200U350	FM-3	2.47
BT50-	FMB22-45	A	48	22	16	45	18	164.8	E100U300	-	3.79
	FMB22-90	A	48	22	16	90	18	209.8	E100U300	-	4.53
	FMB22-150	A	48	22	16	150	18	269.8	E100U300	-	5.27
	FMB22-200	A	48	22	16	200	18	319.8	E100U300	-	5.97
	FMB22-250	A	48	22	16	250	18	369.8	E100U300	-	6.69
	FMB22-300	A	48	22	16	300	18	419.8	E100U300	-	7.42
	FMB22-350	A	48	22	16	350	18	469.8	E100U300	-	8.13
	FMB22-400	A	48	22	16	400	18	519.8	E100U300	-	8.83
	FMB27-50	A	60	27	33	50	20	171.8	E120U300	FM-1	4.04
	FMB27-90	A	60	27	33	90	20	211.8	E120U300	FM-1	4.94
	FMB27-150	A	60	27	33	150	20	271.8	E120U300	FM-1	6.25
	FMB27-200	A	60	27	33	200	20	321.8	E120U300	FM-1	7.37

BT-FMB 平面铣刀柄（直柄式）
BT-FMB Face Mill Holder



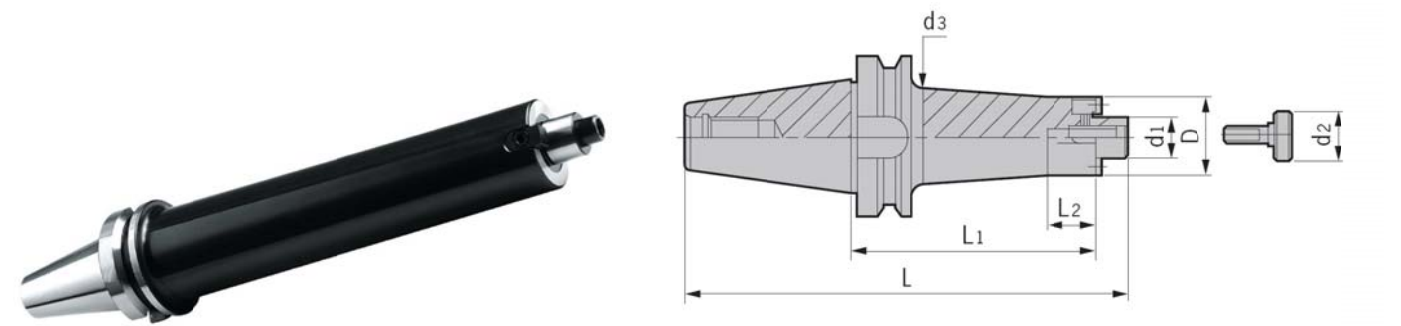
型号 Specification		图示 Figure	尺寸 Dimension						刀盘锁紧螺钉 Locking GCrew for cutter	垫圈 Washer	重量 Weight Weight
			D	d1	d2	L1	L2	L			
BT50-	FMB27-250	A	60	27	33	250	20	37 1.8	E120U300	FM-1	8.51
	FMB32-50	A	78	32	40	50	22	17 3.8	E160Z350-40	-	4.40
	FMB32-90	A	78	32	40	90	22	21 3.8	E160Z350-40	-	5.79
	FMB32-150	A	78	32	40	150	22	273.8	E160Z350-40	-	7.10
	FMB40-50	A	85	40	50	50	25	17 6.8	E200Z350-50	-	4.57
	FMB40-90	A	85	40	50	90	25	21 6.8	E200Z350-50	-	6.45
	FMB40-105	A	85	40	50	105	25	23 1.8	E200Z350-50	-	7.02
	FMB60F-75	B	140	60	-	75	25	20 1.8	E160U500	-	8.00

BT-FMA-L 平面铣刀柄（加长斜度柄）
BT-FMA-L Face Mill Holder With Extra Taper Shank



型号 Specification		尺寸 Dimension							刀盘锁紧螺钉 Locking GCrew for cutter	重量 Weight
		D	d1	d2	d3	L1	L2	L		
BT50-	FMA25.4-125L	48	25.4	31.5	60	125	30	246.8	E120U300	5.60
	FMA25.4-150L	48	25.4	31.5	60	150	30	271.8	E120U300	6.20
	FMA25.4-200L	58	25.4	31.5	62.5	200	30	321.8	E120U300	7.50
	FMA25.4-250L	58	25.4	31.5	62.5	250	30	371.8	E120U300	8.40
	FMA25.4-300L	58	25.4	31.5	62.5	300	30	421.8	E120U300	9.40
	FMA25.4-350L	58	25.4	31.5	62.5	350	30	471.8	E120U300	9.70
	FMA25.4-400L	58	25.4	31.5	62.5	400	30	521.8	E120U300	10.50
	FMA31.75-125L	70	31.75	40	75	125	30	248.8	E160Z500-40	5.60
	FMA31.75-150L	70	31.75	40	75	150	30	273.8	E160Z500-40	6.30
	FMA31.75-175L	70	31.75	40	75	175	30	298.8	E160Z500-40	8.30
	FMA31.75-200L	70	31.75	40	75	200	30	323.8	E160Z500-40	9.10
	FMA31.75-250L	70	31.75	40	75	250	30	373.8	E160Z500-40	10.60
	FMA31.75-300L	70	31.75	40	75	300	30	423.8	E160Z500-40	12.10
	FMA31.75-350L	70	31.75	40	75	350	30	473.8	E160Z500-40	13.60

BT-FMB-L 平面铣刀柄（加长斜度柄）
BT-FMB-L Face Mill Holder With Extra Taper Shank

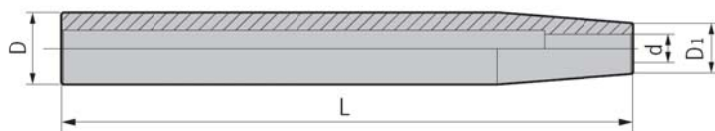


型号 Specification		尺寸 Dimension							刀盘锁紧螺钉 Locking GCrew for cutter	重量 Weight
		D	d1	d2	d3	L1	L2	L		
BT40-	FMB22-150L	48	22	16	50	150	30	233.4	E100U300	2.83
	FMB22-200L	48	22	16	50	200	30	283.4	E100U300	3.57
	FMB22-250L	48	22	16	50	250	30	333.4	E100U300	4.29
	FMB22-300L	48	22	16	50	300	30	383.4	E100U300	5.04
	FMB22-350L	48	22	16	50	350	30	433.4	E100U300	5.79
	FMB22-400L	48	22	16	50	400	30	483.4	E100U300	6.58
BT50-	FMB22-150L	58	22	16	62.5	150	58	269.8	E100U300	6.17
	FMB22-200L	58	22	16	62.5	200	58	319.8	E100U300	7.28
	FMB22-250L	58	22	16	62.5	250	58	369.8	E100U300	8.41
	FMB22-300L	58	22	16	62.5	300	58	419.8	E100U300	9.55
	FMB22-350L	58	22	16	62.5	350	78	469.8	E100U300	10.72
	FMB22-400L	58	22	16	62.5	400	78	519.8	E100U300	11.92
	FMB22-450L	58	22	16	62.5	450	78	569.8	E100U300	13.20
	FMB22-500L	58	22	16	62.5	500	78	619.8	E100U300	14.36

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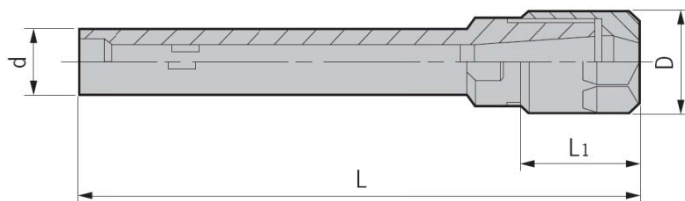
SF 热装延长杆
SF Shrink Fit Extender



型号 Specification		尺寸 Dimension				重量 Weight
		D	D1	d	L	
C12-	SF3-160	12	8	3	160	0.20
	SF4-160	12	8	4	160	0.21
C16-	SF3-160	16	10	3	160	0.22
	SF4-160	16	10	4	160	0.23
	SF5-160	16	10	5	160	0.24
	SF6-160	16	10	6	160	0.25
C20-	SF5-160	20	14	5	160	0.40
	SF6-160	20	14	6	160	0.42
	SF8-160	20	14	8	160	0.44
C25-	SF8-160	25	20	8	160	0.60
	SF10-160	25	20	10	160	0.62
	SF12-160	25	20	12	160	0.65
C32-	SF10-160	32	27	10	160	0.78
	SF12-160	32	27	12	160	0.81
	SF16-160	32	27	16	160	0.83
	SF20-160	32	27	20	160	0.85

DSK 直柄弹性筒夹延长杆

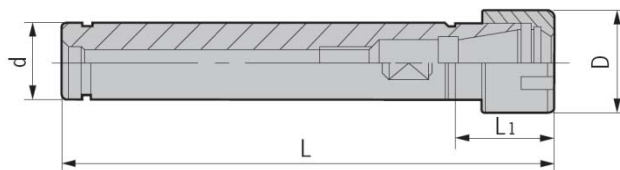
DSK Collet Extender



型号 Specification		尺寸 Dimension				重量 Weight
		D	d	L1	L	
C20-	DSK6-120	20	20	20	120	0.28
	DSK6-150	20	20	20	150	0.40
	DSK6-180	20	20	20	180	0.55
	DSK10-120	29	20	38	120	0.36
	DSK10-150	29	20	38	150	0.45
	DSK10-180	29	20	38	180	0.60

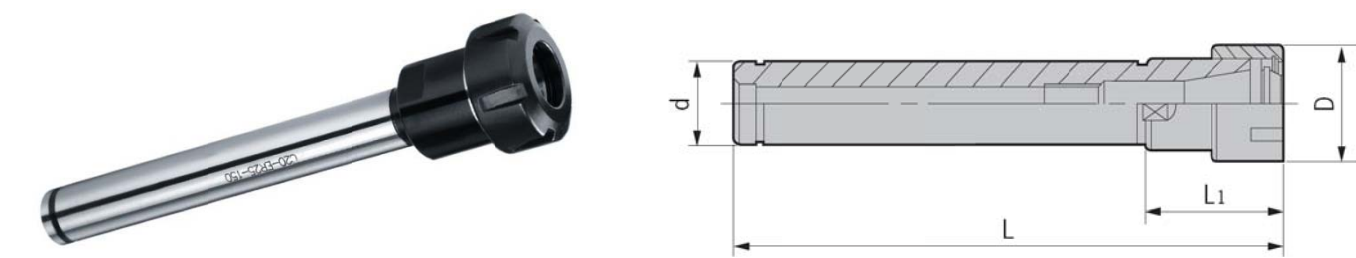
M 型直柄 ER 弹性筒夹延长杆

ER Collet Extender (M-Type)



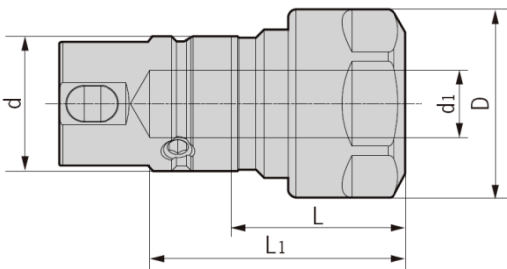
型号 Specification		尺寸 Dimension				重量 Weight
		D	d	L1	L	
C12-	ER11M-100	16	12	17	130.5	0.13
	ER11M-150	16	12	17	180.5	0.18
C16-	ER11M-100	16	16	18.5	128.5	0.18
	ER11M-150	16	16	18.5	158.5	0.24
	ER16M-100	23	16	37	137	0.18
	ER16M-150	23	16	37	187	0.24
C20-	ER16M-100	23	20	25	125	0.26
	ER16M-150	23	20	25	175	0.30
	ER20M-100	28	20	40	140	0.25
	ER20M-150	28	20	40	190	0.39
	ER20M-200	28	20	40	240	0.54
	ER25M-100	35	20	40	140	0.39
C25-	ER20M-150	28	25	28	178	0.55

ER 弹性筒夹延长杆
ER Collet Extender



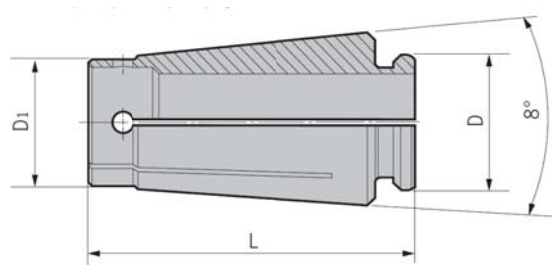
型号 Specification		尺寸 Dimension				重量 Weight
		D	d	L1	L	
C16-	ER16-100	28	16	36	136	0.16
	ER16-150	28	16	30	180	0.28
	ER20-100	34	16	36	136	0.30
C20-	ER16-100	28	20	30	130	0.29
	ER16-150	28	20	30	180	0.38
	ER20-100	34	20	36	136	0.38
	ER20-150	34	20	36	186	0.48
	ER25-100	42	20	46	146	0.45
	ER25-150	42	20	46	196	0.62
C25-	ER16-100	28	25	30	130	0.45
	ER16-150	28	25	30	180	0.60
	ER20-100	34	25	36	136	0.48
	ER20-150	34	25	36	186	0.65
	ER25-100	42	25	46	146	0.52
	ER25-150	42	25	46	196	0.75

VER 快换式微补偿攻牙延长杆
VER Synchronized Tapping Extender



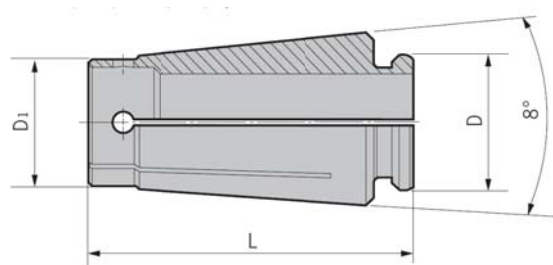
型号 Specication		夹持范围 Clamping range	尺寸 Dimension				攻牙能力 Tapping capacity	重量 Weight
			D	d	L1	L		
VER	16-M24	2-10	28	20	37	24	M3-M12	0.15
	16-L55	2-10	28	20	37	55	M3-M12	0.22
	20-M26	2-13	34	25	45	26	M5-M16	0.20
	20-L75	2-13	34	25	45	75	M5-M16	0.29
	25-M28	2-16	42	32	52	28	M6-M20	0.35
	25-L86	2-16	42	32	63	86	M6-M20	0.54
	32-M30	4-20	50	40	64	30	M10-M24	0.50
	32-L90	4-20	50	40	64	90	M10-M24	0.81
	40-M32	6-26	63	50	75	32	M14-M33	0.65
	40-L95	6-26	63	50	75	95	M14-M33	0.98

DSK 精密弹性筒夹
DSK Precision Collet



DSK6			DSK10			DSK16			DSK20			DSK25		
11PCS			18PCS			27PCS			34PCS			45PCS		
SET NO.	RANGEmm		SET NO.	RANGEmm		SET NO.	RANGEmm		SET NO.	RANGEmm		SET NO.	RANGEmm	
DSK6-	2	1.8-2.0	DSK10-	2	1.75-2.0	DSK16-	3	2.75-3.0	DSK20-	3.5	3.0-3.5	DSK25-	3.5	3.0-3.5
	2.5	2.3-2.5		3	2.75-3.0		4	3.0-3.5		4.5	3.5-4.0		4.5	3.5-4.0
	3	2.8-3.0		3.5	3.0-3.5		5	3.5-4.0		5.5	4.0-4.5		5.5	4.0-4.5
	3.5	3.0-3.5		4	3.5-4.0		6	4.0-4.5		6	4.5-5.0		6	4.5-5.0
	4	3.5-4.0		4.5	4.0-4.5		7	4.5-5.0		7	5.0-5.5		7	5.0-5.5
	4.5	4.0-4.5		5	4.5-5.0		8	5.0-5.5		8	5.5-6.0		8	5.5-6.0
	5	4.5-5.0		5.5	5.0-5.5		9	5.5-6.0		9	6.0-6.5		9	6.0-6.5
	5.5	5.0-5.5		6	5.5-6.0		3.5	6.0-6.5		4	6.5-7.0		4	6.5-7.0
	6	5.5-6.0		6.5	6.0-6.5		4.5	6.5-7.0		5	7.0-7.5		5	7.0-7.5
				7	6.5-7.0		5.5	7.0-7.5		6.5	7.5-8.0		6.5	7.5-8.0
				7.5	7.0-7.5		6.5	7.5-8.0		7.5	8.0-8.5		7.5	8.0-8.5
				8	7.5-8.0		7.5	8.0-8.5		8.5	8.5-9.0		8.5	8.5-9.0
				8.5	8.0-8.5		8.5	8.5-9.0		9.5	9.0-9.5		9.5	9.0-9.5
				9	8.5-9.0		9.5	9.0-9.5		10	9.5-10.0		10	9.5-10.0
				9.5	9.0-9.5		10	9.5-10.0		10.5	10.0-10.5		10.5	10.0-10.5
				10	9.5-10.0		10.5	10.0-10.5		11	10.5-11.0		11	10.5-11.0
							11	10.5-11.0		11.5	11.0-11.5		11.5	11.0-11.5
							11.5	11.0-11.5		12	11.5-12.0		12	11.5-12.0
							12	11.5-12.0		12.5	12.0-12.5		12.5	12.0-12.5
							12.5	12.0-12.5		13	12.5-13.0		13	12.5-13.0
							13	12.5-13.0		13.5	13.0-13.5		13.5	13.0-13.5
							13.5	13.0-13.5		14	13.5-14.0		14	13.5-14.0
							14	13.5-14.0		14.5	14.0-14.5		14.5	14.0-14.5
							14.5	14.0-14.5		15	14.5-15.0		15	14.5-15.0
							15	14.5-15.0		15.5	15.0-15.5		15.5	15.0-15.5
							15.5	15.0-15.5		16	15.5-16.0		16	15.5-16.0
							16	15.5-16.0		16.5	16.0-16.5		16.5	16.0-16.5
										17	16.5-17.0		17	16.5-17.0
										17.5	17.0-17.5		17.5	17.0-17.5
										18	17.5-18.0		18	17.5-18.0
										18.5	18.0-18.5		18.5	18.0-18.5
										19	18.5-19.0		19	18.5-19.0
										19.5	19.0-19.5		19.5	19.0-19.5
										20	19.5-20.0		20	19.5-20.0
													20.5	20.0-20.5

DSK 精密弹性筒夹
DSK Precision Collet



DSK6		DSK10		DSK16		DSK20		DSK25	
11PCS		18PCS		27PCS		34PCS		45PCS	
SET NO.	RANGEmm	SET NO.	RANGEmm	SET NO.	RANGEmm	SET NO.	RANGEmm	SET NO.	RANGEmm
									DSK25-
									21
									21.5
									22
									22.5
									23
									23.5
									24
									24.5
									25
									25.4

型号 Specification		尺寸 Dimension		
		D	D1	L
DSK	6	9	7.5	25
	10	13	11.9	30.5
	16	20.3	18.7	45
	20	24	23	50
	25	29.3	28.7	57

弹性筒夹等级说明 / Spring Collet Precision

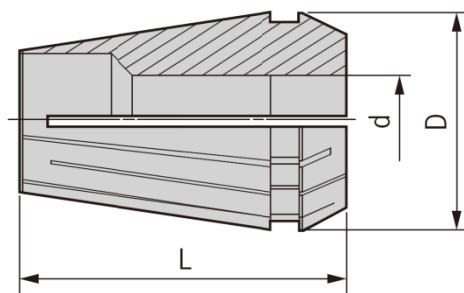
■普通级：小于等于 0.015mm ■A 级：小于等于 0.01mm ■UP 级：小于等于 0.005mm
 ■Standard: ≤0.015 mm ■A: ≤0.01 mm ■UP: ≤0.005 mm

备注：此说明适合于 SK 筒夹、ER 筒夹、GC 直筒夹。

Remark: This precision is applied to SK collet\ER collet\GC Straight Collet .

ER 弹性筒夹

ER Collet



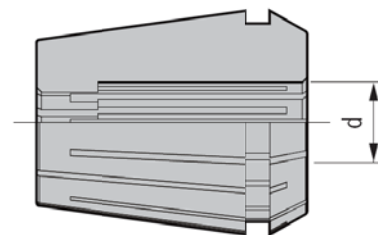
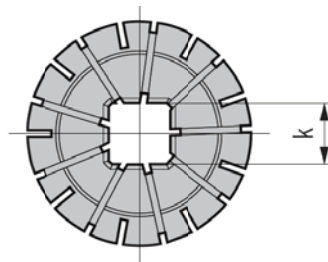
型号 Speciation											
ER11-13PCS			ER16-10PCS			ER20-12PCS			ER25-15PCS		
SET NO.	RANGEmm		SET NO.	RANGEmm		SET NO.	RANGEmm		SET NO.	RANGEmm	
ER11-	1	1.0-0.5	ER16-	1	1.0-0.5	ER20-	2	2.0-1.0	ER25-	2	2.0-1.0
	1.5	1.5-1.0		2	2.0-1.0		3	3.0-2.0		3	3.0-2.0
	2	2.0-1.5		3	3.0-2.0		4	4.0-3.0		4	4.0-3.0
	2.5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

型号		尺寸 Dimension	
Speciation		D	L
ER	11	11.50	18
	16	17.00	27.5
	20	21.00	31.5
	25	26	34
	32	33	40
	40	41	46

注：ER11-13PCS 为套装形式，另有止水型 ER 筒夹可选配。例：ER32-16C

Note: ER Collet with internal cooling is available. Example: ER32-16C

ER 攻丝筒夹
ER Tapping Collet

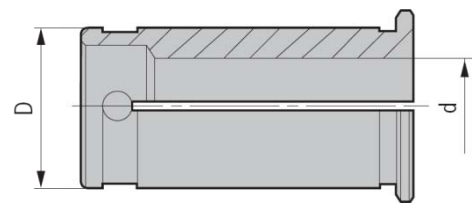


型号 Specification		尺寸 Dimension		备注通用 Taps			
		d	k	ISO529(1)	ISO529(2)	JIS	DIN376
ER16-	063050G	6.3	5	M8	M6	-	-
	070055G	7	5.5	-	-	M10;W3/8	M10
	080063G	8	6.3	M10	M8	-	-
	085065G	8.5	6.5	-	-	M12	-
	090071G	9	7.1	M12	-	-	-
ER20-	063050G	6.3	5	M8	M6	-	-
	070055G	7	5.5	-	-	M10;W3/8	M10
	080063G	8	6.3	M10	M8	-	-
	085065G	8.5	6.5	-	-	M12	-
	090071G	9	7.1	M12	-	-	-
ER32-	063050G	6.3	5	M8	M6	-	-
	070055G	7	5.5	-	-	M10;W3/8	M10
	080063G	8	6.3	M10	M8	-	-
	085065G	8.5	6.5	-	-	M12	-
	090071G	9	7.1	M12	-	-	-
	120090G	12	9	-	-	W5/8	M16
	125100G	12.5	10	M16	-	M16	-
	140112G	14	11.2	M18;M20	-	-	-
	150120G	15	12	-	-	M20	-
	160120G	16	12	-	-	-	M20

注：1 安装丝锥时柄方必须伸入筒夹方槽内部 2 选型前需确认丝锥柄径与四方尺寸。

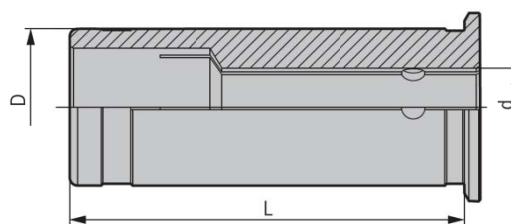
Note: ER Collet with internal cooling is available. Example: ER32-16C

GC 强力弹性直筒夹
GC Straight Collet



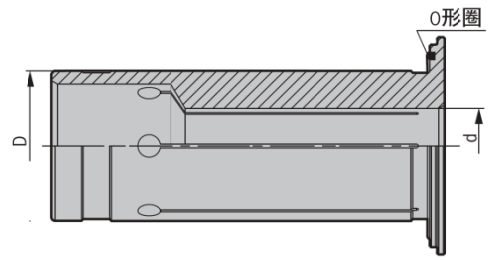
型号 Specification		尺寸 Dimension		特殊规格 (d)
		D	d	
GC16-	3	16	3	-
	4	16	4	-
	5	16	5	-
	6	16	6	-
	7	16	7	-
	8	16	8	-
	9	16	9	-
	10	16	10	-
	11	16	11	-
	12	16	12	-
GC20-	6	20	6	-
	8	20	8	-
	10	20	10	-
	12	20	12	-
	16	20	16	15
GC32-	6	32	6	-
	8	32	8	-
	10	32	10	-
	12	32	12	-
	16	32	16	15
	20	32	20	19
	25	32	25	24
GC42-	6	42	6	-
	8	42	8	-
	10	42	10	-
	12	42	12	-
	16	42	16	15
	20	42	20	19
	25	42	25	24
	32	42	32	31

D 型端面出水液压刀柄转换筒夹
Hydraulic Collet - Flange Cooling



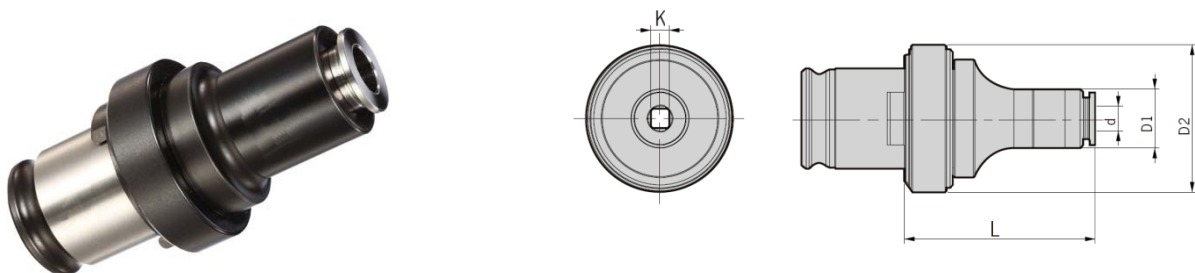
型号 Specication		尺寸 Dimension		
		d	D	L
DHC12-	3	3	12	45
	4	4	12	45
	5	5	12	45
	6	6	12	45
	8	8	12	45
DHC20-	3	3	20	50.5
	4	4	20	50.5
	5	5	20	50.5
	6	6	20	50.5
	8	8	20	50.5
	10	10	20	50.5
	12	12	20	50.5
	14	14	20	50.5
	16	16	20	50.5
DHC32-	6	6	32	60.5
	8	8	32	60.5
	10	10	32	60.5
	12	12	32	60.5
	14	14	32	60.5
	16	16	32	60.5
	18	18	32	60.5
	20	20	32	60.5
	25	25	32	60.5

OD 型中心出水液压刀柄转换筒夹
Hydraulic Collet - Internal Cooling



型号 Specification		尺寸 Dimension		
		d	D	L
ODHC12-	3	3	12	45
	4	4	12	45
	5	5	12	45
	6	6	12	45
	8	8	12	45
ODHC20-	3	3	20	50.5
	4	4	20	50.5
	5	5	20	50.5
	6	6	20	50.5
	8	8	20	50.5
	10	10	20	50.5
	12	12	20	50.5
	14	14	20	50.5
ODHC32-	16	16	20	50.5
	6	6	32	60.5
	8	8	32	60.5
	10	10	32	60.5
	12	12	32	60.5
	14	14	32	60.5
	16	16	32	60.5
	18	18	32	60.5
	20	20	32	60.5
	25	25	32	60.5

TPD316 丝锥筒夹
TPD316 Tapping Collet



型号 Specification		尺寸 Dimension				备注通用 Taps				
		d	k	D1	D2	ISO529(1)	ISO529(2)	JIS	DIN371	DIN376
TPD316-	028021-L	2.8	2.1	20	33	-	-	-	-	M4
	0315025-L	3.15	2.5	20	33	M4	M3	-	-	-
	035027-L	3.5	2.7	20	33	-	-	-	M3	M5
	0400315-L	4	3.15	20	33	M5	M4	-	-	-
	040032-L	4	3.2	20	33	-	-	M3; W1/8	-	-
	045034-L	4.5	3.4	20	33	-	-	-	M4	M6
	0450355-L	4.5	3.55	20	33	M6	-	-	-	-
	050040-L	5	4	20	33	-	M5	M4	-	-
	055045-L	5.5	4.5	20	33	-	-	M5; W3/16	-	-
	060045-L	6	4.5	20	33	-	-	M6; W1/4	-	-
	060049-L	6	4.9	20	33	-	-	-	M5 M6	M8
	061050-L	6.1	5	20	33	-	-	W5/16	-	-
	062050-L	6.2	5	20	33	-	-	M8	-	-
	063050-L	6.3	5	20	33	M8	M6	-	-	-
	070055-L	7	5.5	20	33	-	-	M10; W3/8	-	M10
	080060-L	8	6	20	33	-	-	W7/16; PT1/8	-	-
	080062-L	8	6.2	20	33	-	-	-	M8	-
	080063-L	8	6.3	20	33	M10	M8	-	-	-
	085065-L	8.5	6.5	20	33	-	-	M12	-	-
	090070-L	9	7	27	33	-	-	W1/2	-	M12
	090071-L	9	7.1	27	33	M12	-	-	-	-
	100080-L	10	8	27	33	-	M10	-	M10	-
	105080-L	10.5	8	27	33	-	-	M14	-	-
	110090-L	11	9	27	33	-	-	PT1/4	-	M14
	112090-L	11.2	9	27	33	M14	-	-	-	-
	120090-L	12	9	27	33	-	-	W5/8	-	M16
	125100-L	12.5	10	27	33	M16	-	M16	-	-

TPD 丝锥筒夹长度 Length of Tapping Collet		
L	L+60	L+100
45	105	145

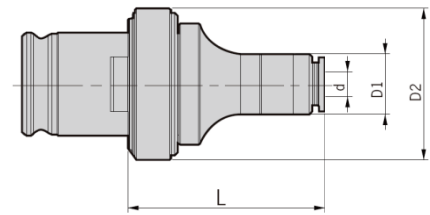
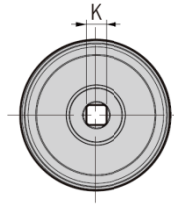
注：ISO529（1）为细柄普通粗牙螺纹丝锥；

ISO529（2）为粗柄普通粗牙螺纹丝锥。

TPD316 丝锥筒夹分别有三款长度可选。例：TPD316-028021-105

Note: Please note the length of the tapping collet when you order. For example: TPD316-028021-105

TPD830 丝锥筒夹
TPD830 Tapping Collet



型号 Specication		尺寸 Dimension				备注通用 Taps			
		d	k	D1	D2	IOS529(1)	JIS	DIN371	DIN376
TPD830-	060049-L	6	4.9	20	50	-	-	-	M8
	061050-L	6.1	5	20	50	-	W5/16	-	-
	062050-L	6.2	5	20	50	-	M8	-	-
	063050-L	6.3	5	20	50	M8	-	-	-
	070055-L	7	5.5	20	50	-	M10; W3/8	-	M10
	080060-L	8	6	20	50	-	W7/16; PT1/8	M8	-
	080062-L	8	6.2	20	50	-	-	-	-
	080063-L	8	6.3	20	50	M10	-	-	-
	085065-L	8.5	6.5	20	50	-	M12	-	-
	090070-L	9	7	27	50	-	W1/2	-	M12
	090071-L	9	7.1	27	50	M12	-	-	-
	100080-L	10	8	27	50	-	-	M10	-
	105080-L	10.5	8	27	50	-	M14	-	-
	110090-L	11	9	27	50	-	PT1/4	-	M14
	112090-L	11.2	9	27	50	M14	-	-	-
	120090-L	12	9	27	50	-	W5/8	-	M16
	125100-L	12.5	10	27	50	M16	M16	-	-
	140110-L	14	11	32	50	-	M18; W3/4; PT3/8	-	M18
	140112-L	14	11.2	32	50	M18; M20	-	-	-
	150120-L	15	12	32	50	-	M20	-	-
	160120-L	16	12	32	50	-	-	-	M20
	160125-L	16	12.5	32	50	M22	-	-	-
	170130-L	17	13	32	50	-	M22; W7/8	-	-
	180140-L	18	14	36	50	M24	PT1/2	-	-
	180145-L	18	14.5	36	50	-	-	-	M22; M24
	190150-L	19	15	36	50	-	M24	-	-
	200150-L	20	15	36	50	-	M27; W1 PT5/8	-	-
	200160-L	20	16	36	50	M27; M30	-	-	M27
	220180-L	22	18	36	50	-	-	-	M30
	230170-L	23	17	36	50	-	M30; PT3/4	-	-

TPD 丝锥筒夹长度 Length of Tapping Collet		
L	L+60	L+100
65	125	165

注：ISO529（1）为细柄普通粗牙螺纹丝锥；

ISO529（2）为粗柄普通粗牙螺纹丝锥。

其中“d”，“k”尺寸为标准丝锥柄部参考数据。

TPD830丝锥筒夹分别有三款长度可选。例：TPD830-060049-125

Note: Please note the length of the tapping collet when you order. For example: TPD830-060049-125

高速刀柄 J 型螺帽

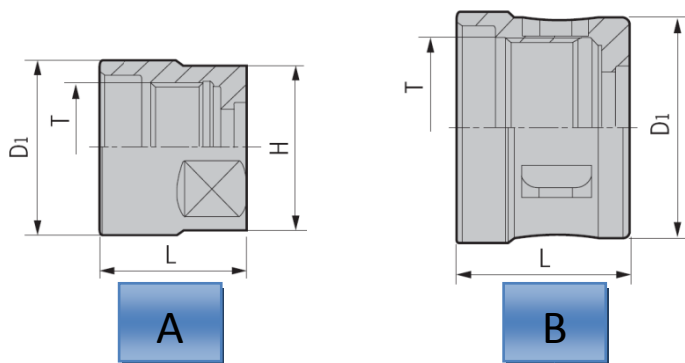
J-Nut for High Speed Tool Holder



J 型螺帽型号 J-nut		中心出水密封盖型号 Nut Seal (Internal Cooling)	扳手型号 Wrench
DSK	GSK		
DSK6-J	GSK6-J	MSK6-C3、3.3、4、4.2、5、6	WMSK10
DSK10-J	GSK10-J	MSK10-C3、4、4.5、5、5.5、6、6.2、6.5、6.8、7、8、8.5、10	WMSK16
DSK16-J	GSK16-J	MSK16-C7、8、8.5、10、10.3、11、11.5、12、12.5、13.5、14、15、16	WMSK20
DSK20-J	GSK20-J	MSK20-C8、10、12、16、17.5、20	WMSK25
DSK25-J	GSK25-J	MSK25-C8、10、12、16、17、17.5、18、20、25	WMSK6

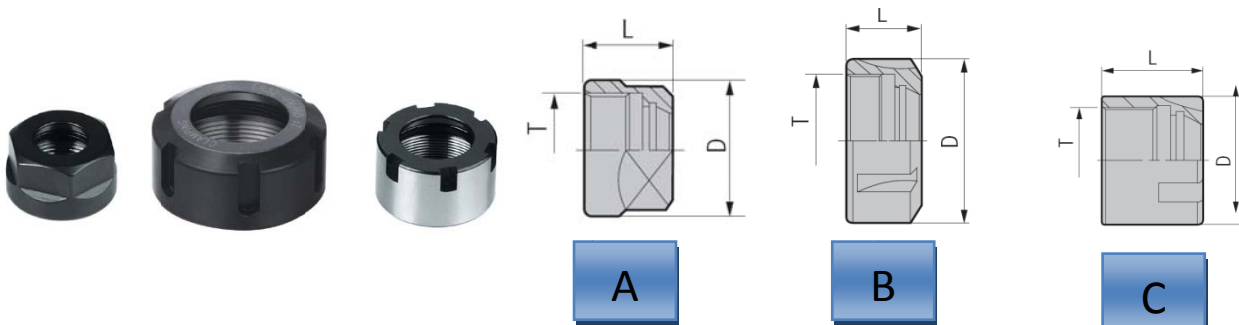
J 型螺帽型号 J-nut		端面出水密封盖型号 Nut Seal(Flange Cooling)	扳手型号 Wrench
DSK	GSK		
DSK6-J	GSK6-J	MSK6-D3、3.3、4、4.2、5、6	WMSK10
DSK10-J	GSK10-J	MSK10-D3、4、4.5、5、5.5、6、6.2、6.5、6.8、7、8、8.5、10	WMSK16
DSK16-J	GSK16-J	MSK16-D7、8、8.5、10、10.3、11、11.5、12、12.5、13.5、14、15、16	WMSK20
DSK20-J	GSK20-J	MSK20-D8、10、12、16、17.5、20	WMSK25
DSK25-J	GSK25-J	MSK25-D8、10、12、16、17、17.5、18、20、25	WMSK6

DSK 高速刀柄专用螺帽
Clamping Nuts For DSK Collet Chuck



型号 Specification		图示 Figure	尺寸 Dimension			T
			D1	H	L	
DSK	6-A	A	20	18	21	M15.5x1.0P
	10-A	A	27.5	25	24	M21.5x1.0P
	16-M	B	40.5	-	31	M32x1.5P
	20-M	B	48	-	33	M40x1.0P
	25-M	B	55	-	37	M45x1.5P

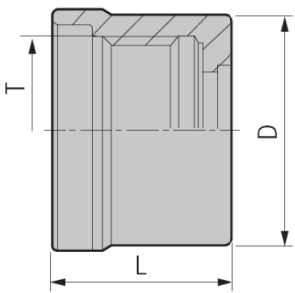
ER 夹头螺帽
Clamping Nut For ER Collet Chuck



型号 Specification		图示 Figure	尺寸 Dimension		
			D	L	T
CNA-	ER16	A	28	17.5	M 22XP1.5
	ER20	A	34	19	M 25XP1.5
CNU-	M/RD-ER25	B	42	20	M 32XP1.5
	M/RD-ER32	B	50	22.5	M 40XP1.5
	M/RD-ER40	B	63	25.5	M 50XP1.5
CNM-	ER11	C	16	12	M 13XP0.75
	ER16	C	23	18	M 19XP1.0
	ER20	C	28	19	M 24XP1.0
	ER25	C	35	20	M 30XP1.0

GSK 高速刀柄专用螺帽

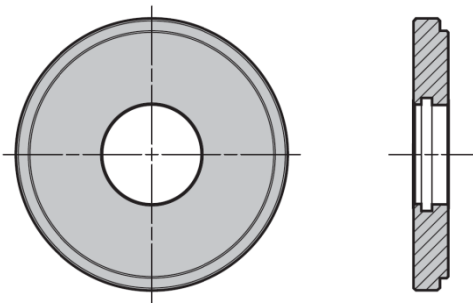
Clamping Nuts For GSK Collet Chuck



型号 Specification		尺寸 Dimension		
		D	L	T
GSK	6	19.5	21	M15.5x1.0P
	10	27	24	M21.5x1.0P
	16	40	31	M32x1.5P
	20	48	33	M40x1.0P
	25	55	37	M45x1.5P

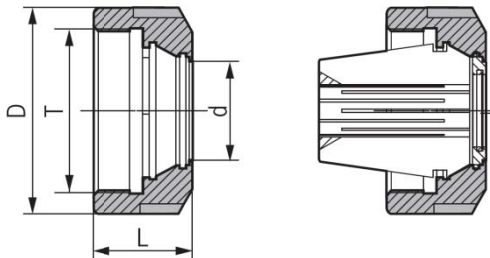
ER 螺帽止水环

Seal Ring For ER Clamping Nut



型号 Specification														
MER16			MER20			MER25			MER32			MER40		
SET NO.	RANGEmm		SET NO.	RANGEmm		SET NO.	RANGEmm		SET NO.	RANGEmm		SET NO.	RANGEmm	
MER16	C3.5	3.5	MER20	C3.5	3.5	MER25	C3.5	3.5	MER32	C3.5	3.5	MER40	C3.5	3.5
	C4	4		C4	4		C4	4		C4	4		C4	4
	C4.5	4.5		C4.5	4.5		C4.5	4.5		C4.5	4.5		C4.5	4.5
	C5	5		C5	5		C5	5		C5	5		C5	5
	C5.5	5.5		C5.5	5.5		C5.5	5.5		C5.5	5.5		C5.5	5.5
	C6	6		C6	6		C6	6		C6	6		C6	6
	C6.5	6.5		C6.5	6.5		C6.5	6.5		C6.5	6.5		C6.5	6.5
	C7	7		C7	7		C7	7		C7	7		C7	7
	C7.5	7.5		C7.5	7.5		C7.5	7.5		C7.5	7.5		C7.5	7.5
	C8	8		C8	8		C8	8		C8	8		C8	8
	C8.5	8.5		C8.5	8.5		C8.5	8.5		C8.5	8.5		C8.5	8.5
	C9	9		C9	9		C9	9		C9	9		C9	9
	C9.5	9.5		C9.5	9.5		C9.5	9.5		C9.5	9.5		C9.5	9.5
	C10	10		C10	10		C10	10		C10	10		C10	10
				C10.5	10.5					C10.5	10.5			

	C11	11		C11	11		C11	11		C11	11
	C11.5	11.5		C11.5	11.5		C11.5	11.5		C11.5	11.5
	C12	12		C12	12		C12	12		C12	12
	C12.5	12.5		C12.5	12.5		C12.5	12.5		C12.5	12.5
	C13	13		C13	13		C13	13		C13	13
				C13.5	13.5		C13.5	13.5		C13.5	13.5
				C14	14		C14	14		C14	14
				C14.5	14.5		C14.5	14.5		C14.5	14.5
				C15	15		C15	15		C15	15
				C15.5	15.5		C15.5	15.5		C15.5	15.5
				C16	16		C16	16		C16	16
							C16.5	16.5		C16.5	16.5
							C17	17		C17	17
							C17.5	17.5		C17.5	17.5
							C18	18		C18	18
							C18.5	18.5		C18.5	18.5
							C19	19		C19	19
							C19.5	19.5		C19.5	19.5
							C20.5	20.5		C20	20
										C20.5	20.5
										C21	21
										C21.5	21.5
										C22	22
										C22.5	22.5
										C23	23
										C23.5	23.5
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										C24.5	24.5
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										C25.5	25.5
										C26	26

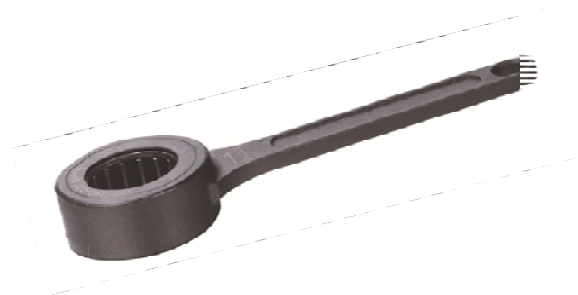


型号 Specification		尺寸 Dimension			
		D	d	L	T
ER	16-J	28	11.1	22.5	M22x1.5-6H
	20-J	34	14.1	26	M25x1.5-6H
	25-J	42	19.1	25.5	M32x1.5-6H
	32-J	50	24.1	27.5	M40x1.5-6H
	40-J	63	30.1	30.5	M50x1.5-6H

GSK 套筒专用扳手

Wrench For GSK Tool Holder

型号 Specication		适用螺帽 Clamping nut	重量 Weight
WGSK	6	DSK6	0.30
	10	DSK10	0.35
	16	DSK16	0.40
	20	DSK20	0.50
	25	DSK25	0.55



DSK 专用扳手

Wrench For DSK Tool Holder

型号 Specication		适用螺帽 Clamping nut	重量 Weight
TSK	6-A	DSK6	0.10
	10-A	DSK10	0.10
	16-M	DSK16	0.20
	20-M	DSK20	0.30
	25-M	DSK25	0.40



ER 专用扳手

Wrench For ER Tool Holder

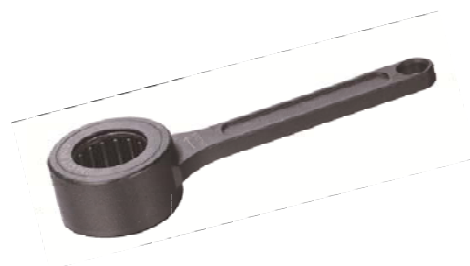
型号 Specification		适用螺帽 Clamping nut	重量 Weight
ER	16-A	CNA-ER16	0.10
	20-A	CNA-ER20	0.10
	11-M	CNM-ER11	0.20
	16-M	CNM-ER16	0.20
	20-M	CNM-ER20	0.20
	25-M	CNM-ER25	0.20
	25-UM.KM/RD	CNU-ER25	0.20
	32-UM.KM/RD	CNU-ER32	0.20
	40-UM.KM/RD	CNU-ER40	0.30



HPM 强力弹性套筒专用扳手

Wrench For Milling Chuck HPM

型号 Specication		适用本体 Tool holder	重量 Weight
WHPM	16	HPM16	0.40
	20	HPM20	0.50
	32	HPM32	0.60



GLC/HPC 强力筒夹本体专用扳手

Wrench For Tool Holder GLC/HPC

型号 Specification		适用本体 Tool holder	重量 Weight
SP-GLC	20	GLC20/HPC20	0.20
	32	GLC32/HPC32	0.30
	42	GLC42/HPC42	0.45



GPU 钻夹头专用扳手

Wrench For Drill Chuck GPU

型号 Specification		适用本体 Tool holder	重量 Weight
SP-GPU	8	GPU8	0.10
	13	GPU13	0.12
	16	GPU16	0.12



TPD 丝锥筒夹扳手

Wrench For TPD Tapping Collet

型号 Specification		适用本体 Tool holder	重量 Weight
WTPD	316	TPD316	0.10
	830	TPD830	0.12



MSK 密封盖专用扳手

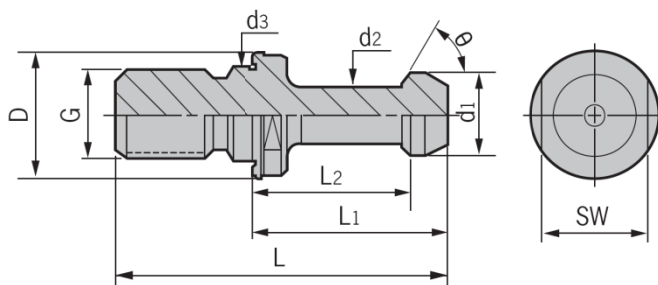
Wrench For MSK Nuts Seal

型号 Specification		适用密封盖 Nut Seal	重量 Weight
WMSK	6	MSK6	0.10
	10	MSK10	0.10
	16	MSK16	0.20
	20	MSK20	0.20



BT 螺栓拉钉

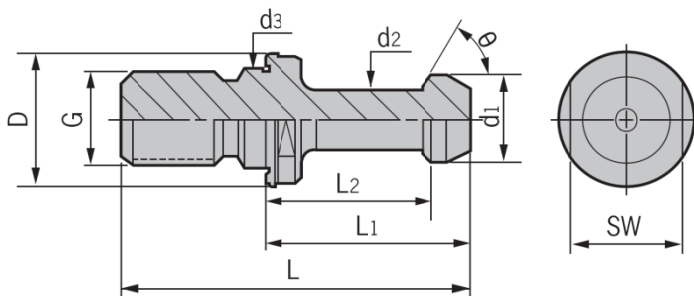
BT Pull Stud Without Hole



型号 Specication		尺寸 Dimension										重量 Weight
		D	d1	d2	d3	L1	L2	L	θ	G	SW	
BT30-	45	16.5	11	7	12.5	23	18	43	45°	M12	13	0.03
	60	16.5	11	7	12.5	23	18	43	60°	M12	13	0.03
BT40-	45	23	15	10	17	35	28	60	45°	M16	19	0.07
	60	23	15	10	17	35	28	60	60°	M16	19	0.07
	90	23	15	10	17	35	28	60	90°	M16	19	0.07
BT50-	45	38	23	17	25	45	35	85	45°	M24	30	0.25
	60	38	23	17	25	45	35	85	60°	M24	30	0.25
	90	38	23	17	25	45	35	85	90°	M24	30	0.25

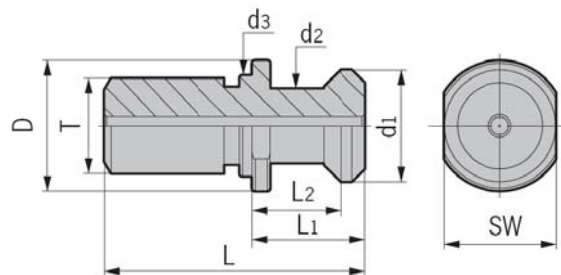
BT 螺栓出水拉钉

BT Pull Stud With Cooling Hole



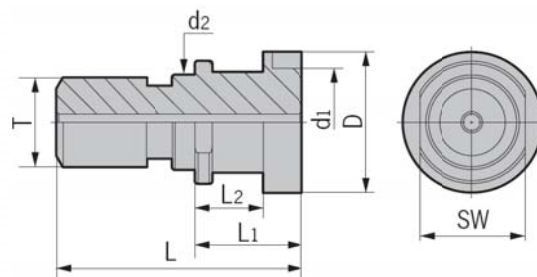
型号 Specication		给水孔径 Coolant dia.	尺寸 Dimension										重量 Weight
			D	d1	d2	d3	L1	L2	L	θ	G	SW	
BT40-	45C	4	23	15	10	17	35	28	60	45°	M16	19	0.07
	60C	4	23	15	10	17	35	28	60	60°	M16	19	0.07
	90C	4	23	15	10	17	35	28	60	90°	M16	19	0.07
BT50-	45C	6	38	23	17	25	45	35	85	45°	M24	30	0.25
	60C	6	38	23	17	25	45	35	85	60°	M24	30	0.25
	90C	6	38	23	17	25	45	35	85	90°	M24	30	0.25

MAZAK 螺栓拉钉
MAZAK Pull Stud



型号 Specification		尺寸 Dimension									重量 Weight
		D	d1	d2	d3	L	L1	L2	SW	T	
MAZAK-	40	22	18.8	12.45	17	44.1	19.1	14	19	M16	0.02
	50	37	28.96	20.83	25	65.2	25.2	25.55	30	M24	0.10

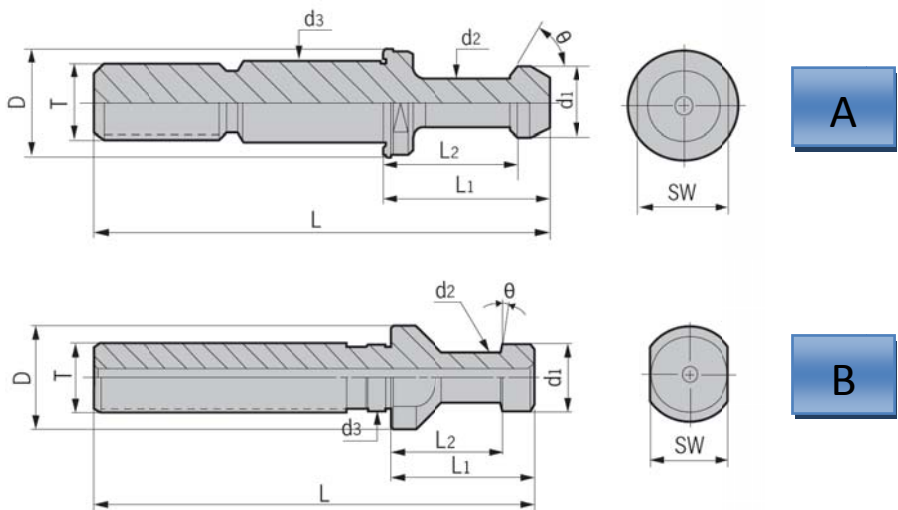
DIN2080 螺栓拉钉
DIN2080 Pull Stud



型号 Specification		尺寸 Dimension								重量 Weight
		D	d1	d2	L	L1	L2	SW	T	
DIN2080-	40	25	21.1	17	53	25	13.6	19	M16	0.06
	50	39.3	32	25	65	25	13.35	30	M24	0.30

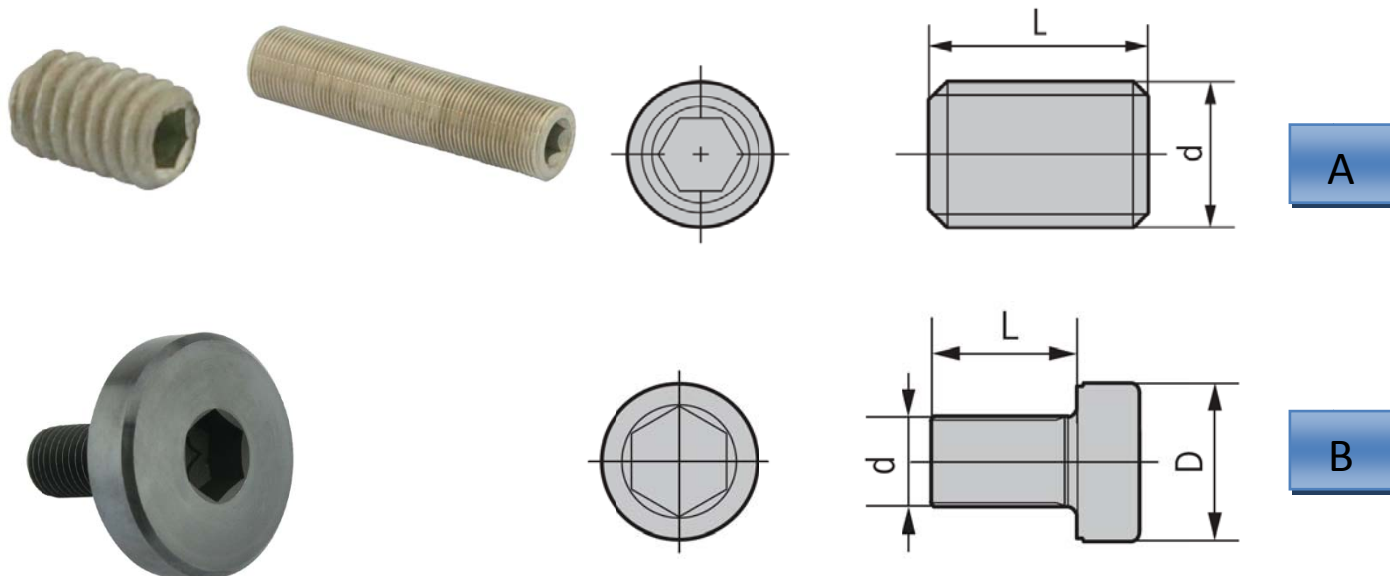
MTB 拉紧拉钉

MTB Tension GCrew



型号 Specification		图示 Figure	尺寸 Dimension										重量 Weight
			D	d1	d2	d3	L1	L2	L	θ	G	SW	
BT30-	45-MT2	A	16.5	11	7	12	23	18	105	45°	M10	13	0.07
BT40-	45-MT3	A	23	15	10	17	35	28	110	45°	M12	19	0.10
	45-MT4	A	23	15	10	17	35	28	110	45°	M16	19	0.10
BT50-	45-MT5	A	38	23	17	25	45	35	165	45°	M20	30	0.65

专用内六角螺钉 Locking Screw

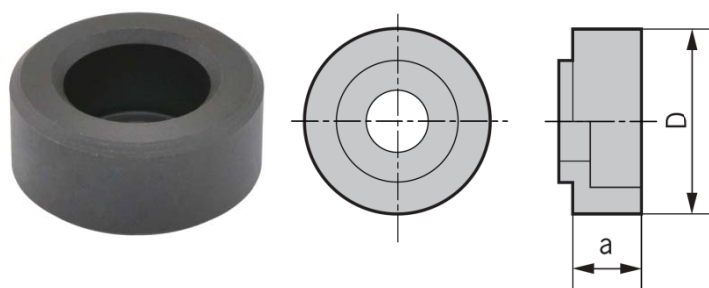


型号 Specication	专用 For	图示 Figure	尺寸 Dimension			扳手 Wrench
			d	L	D	
M180Z130P	SLN	A	18	13	-	L10
M180Z160P	SLN	A	18	16	-	L10
M180Z180P	SLN	A	18	18	-	L10
M200Z180P	SLN	A	20	18	-	L10
M200Z200P	SLN	A	20	20	-	L10
E100Z300-MTB	MTB	B	10	30	13.5	L05
E160Z400-MTB	MTB	B	16	40	20	L08
E160Z350-40	FMA/B	B	16	35	40	L17
E160Z500-40	FMA/B	B	16	50	40	L17
E160Z350-50	FMA/B	B	16	35	50	L17
E160Z500-50	FMA/B	B	16	50	50	L17
E240Z500-65	FMA/B	B	24	50	65	L17

垫圈

Washer For Face Mill Arbor

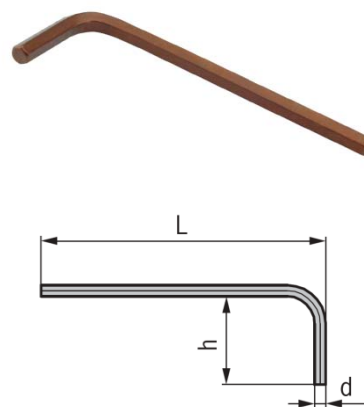
型号 Specication	对应刀具 For	尺寸 Dimension	
		a	D
FM-1	FMB	16	33
FM-2	FMA FMB	20.5	40
FM-3	FMA FMB	20.5	50



L 形扳手

Allen Key

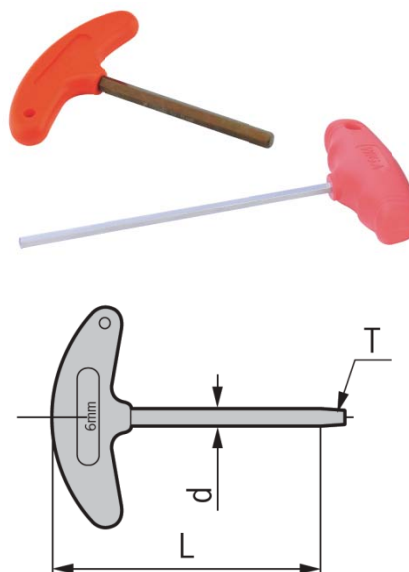
型号 Specification	尺寸 Dimension		
	d	L	h
L02	2	52	12
L025	2.5	60	15
L03	3	65	20
L04	4	70	25
L05	5	78	28
L06	6	85	32



T 形扳手

Wrench – T

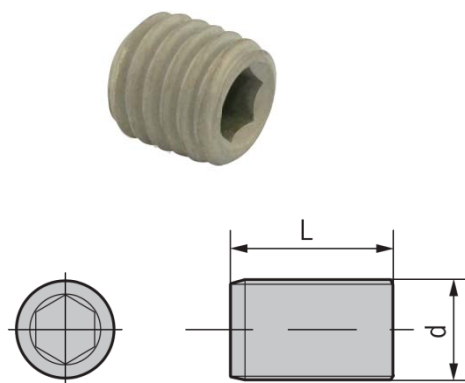
型号 Specification	尺寸 Dimension		
	d	L	T
T02	2	58	2
T025	2.2	66	2.5
T03	3	72	3
T04	4	76	4
T05	5	92	5
T06	6	102	6
T03-L	3	110	3
T04-L	4	120	4
T05-L	5	150	5
T06-L	6	170	6
T08-L	8	190	8
T30M	6	120	30



紧定螺钉

Locking Screw

型号 Speciation	尺寸 Dimension		扳手 Wrench
	d	L	
M060U080	6	8	L03
M080U080	8	8	L04
M080U100	8	10	L04
M100U100	10	10	L05
M100U120	10	12	L05
M120U140	12	14	L06
M120U160	12	16	L06
M120U200	12	20	L06
M140U160	14	16	L06
M140U200	14	20	L06
M160U160	16	16	L08
M160U250	16	25	L08
M030U060-D	3	6	T015
M040U040-D	4	4	T02
M040U050-D	4	5	T02
M040U060-D	4	6	T02
M040U080-D	4	8	T02
M040U100-D	4	10	T02
M040U120-D	4	12	T02
M040U160-D	4	16	T02
M040U200-D	4	20	T02
M050U060-D	5	6	T025
M050U080-D	5	8	T025
M050U200-D	5	20	T025
M050U300-D	5	30	T025
M060U060-D	6	6	T03
M060U080-D	6	8	T03
M060U100-D	6	10	T03
M060U120-D	6	12	T03
M060U160-D	6	16	T03
M060U200-D	6	20	T03
M060U400-D	6	40	T03
M060U500-D	6	50	T03
M080U100-D	8	10	T04
M080U120-D	8	12	T04
M080U160-D	8	16	T04
M080U200-D	8	20	T04
M080U300-D	8	30	T04
M100U120-D	10	12	T05
M100U140-D	10	14	T05
M100U160-D	10	16	T05
M100U200-D	10	20	T05
M100U250-D	10	25	T05

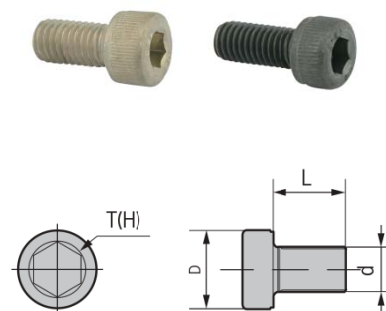


型号 Specication	尺寸 Dimension		扳手 Wrench
	d	L	
M120U120-D	12	12	T06
M120U140-D	12	14	T06
M120U200-D	12	20	T06
M120U250-D	12	25	T06
M120U300-D	12	30	T06

内六角螺钉

Locking Screw

型号 Speciation	尺寸 Dimension			扳手 Wrench
	D	d	L	
E030U080	5.5	3	8	L025
E040U100	7	4	10	L03
E040U160	7	4	16	L03
E040U200	7	4	20	L03
E050U100	8.5	5	10	L04
E050U120	8.5	5	12	L04
E050U160	8.5	5	16	L04
E050U200	8.5	5	20	L04
E050U300	8.5	5	30	L04
E050U350	8.5	5	35	L04
E050U450	8.5	5	45	L04
E050U650	8.5	5	65	L04
E050U800	8.5	5	80	L04
E050U1300	8.5	5	130	L04
E060U120	10	6	12	L05
E060U160	10	6	16	L05
E060U200	10	6	20	L05
E060U250	10	6	25	L05
E060U600	10	6	60	L05
E060U900	10	6	90	L05
E080U100	12.5	8	10	L06
E080U160	12.5	8	16	L06
E080U200	12.5	8	20	L06
E080U250	12.5	8	25	L06
E080U300	12.5	8	30	L06
E080U350	12.5	8	35	L06
E080U800	12.5	8	80	L06
E080U850	12.5	8	85	L06
E080U1200	12.5	8	120	L06
E100U160	15	10	16	L08
E100U200	15	10	20	L08
E100U250	15	10	25	L08
E100U300	15	10	30	L08
E100U350	15	10	35	L08
E100U1100	15	10	110	L08
E120U250	18	12	25	L10
E120U300	18	12	30	L10
E120U400	18	12	40	L10
E120U500	18	12	50	L10
E160U250	24	16	25	L12
E160U350	24	16	35	L12



附录:

电磁诱导加热原理（热胀冷缩）

Shrink-Fit Principle

快速加热原理 / Heating

由加热器内之感应线圈，产生高频电磁波使刀杆感应电流而快速加热，使刀柄内孔扩张，提升换刀效率。

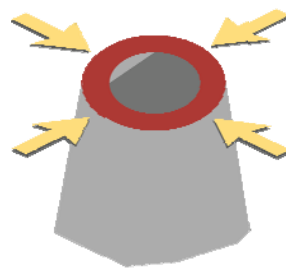
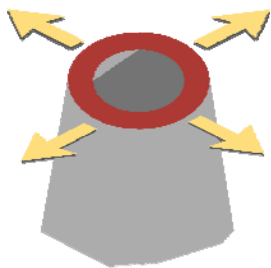
When the induction coils works with electricity, the shank of the tool holder which placed in the coils heating system, is heated and expands.

冷却原理 / Cooling

利用空压机之强制降温冷却，使刀杆能迅速到达常温状态。（冷却时间与空压机马力大小成正比）

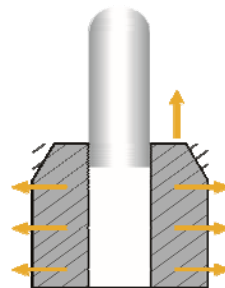
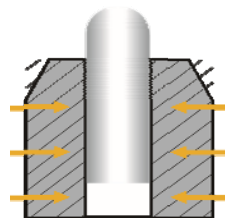
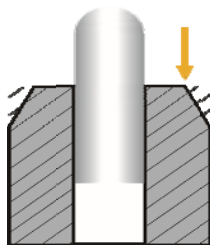
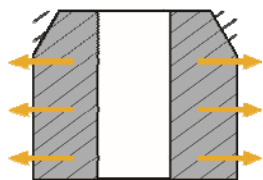
Cooling with compressed air to room temperature. (Cooling time is inversely proportional to the power of air compressor)

例：BT40-SF12-90



加热 20-24 秒冷却 180 秒

Heating Time:20-24" Cooling Time:180"



加热

Heating

将刀具置加热器内加热，
时间约 20-24 秒

Place tool holder in heating
machine 20-24s for heating

置入刀具

Inserting

将刀具置入加热膨胀后的刀柄

Insert the cutter
to the expanded holder

固定夹持

Cooling

温度冷却收缩后的刀柄，可稳固夹持刀具

Cool the holder
and hold the cutter

取出

Removing

刀柄在加热膨胀后，
可轻易取出刀具

Heat the holder
and remove the cutter

操作便利安全 / User-Friendly With High Security

刀杆被加热至换刀温度后，约五秒后自动开启送风装置冷却刀杆，不必移动加热器，提高操作之安全性。

When the holder is heated to the temperature to remove the cutter, the cooling system will be switched on automatically.

No bothering to remove the heater.

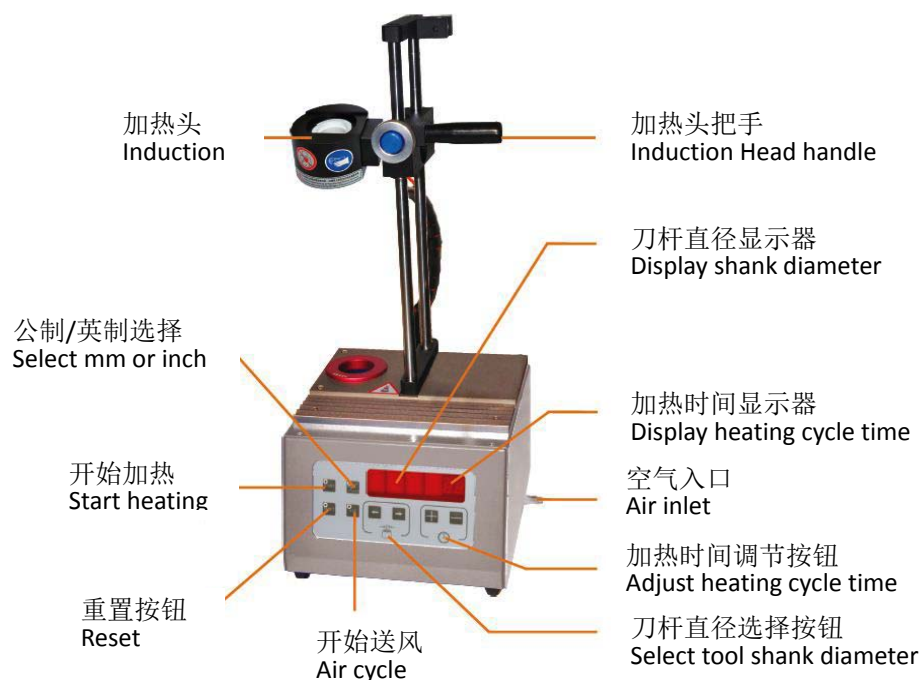
电磁诱导加热
Heating Machine

加热头固定装置
Induction Head “brake”
(blue button)

热缩机所需
Machine Requirements

■ 电力供应
■ Electrical supply

■ 空气供应
■ Air supply



型号 Specification	加热时间 Shrink time	冷却方式 Cooling of inductor	输出电源 Voltage	瞬间输出最大功率 Power	适用刀具材质 Tools	范围 Range	LxWxH (mm)	重量 Weight
SF-300	20-24"	风冷 Air Cooling	SINGLE-PHASE 220V 50/60HZ 15AMP	2000~3000W	钨钢 Carbide	Φ3 - 20 mm 标配 Φ18 - 32 mm 选配	300x300x685	20KG

变径刀柄座

Tool Holder Adapter

型号 Specification		
HSK	40-SF	
	50-SF	
	63-SF	
	100-SF	
BT	30-SF	
	40-SF	
	50-SF	

型号 Speciation	
AD-DSF	
用途：用于固定不同规格刀杆尺寸上 For different sizes of holders	

刀具夹持器

Clamp For Tools

型号 Specification
CFCT-3
CFCT-4
CFCT-6
CFCT-8
CFCT-10
CFCT-12

用途：用于置入、取出刀具用，并可设定刀具长度
For inserting and removing the cuttingtools from tool holder;
Setting either the overhang length orinsertion length of the cutting tool.

加热头

Induction Head

型号 Speciation	
SF-HC-3-20 标配	
SF-HC-18-32 选配	
用途：用于加热不同规格尺寸 Induction for different sizes o	

导热环

Induction Ring

型号 Specification	
SFIR3-5	
SFIR6-12	
SFIR14-20	
SFIR25-32	
用途：有效隔绝热源、冷空气与外界接触 To prevent the heating and cooling part from outside environment.	

HSK 套筒

HSK Tool Holder Sleeve

型号 Specification
SFTHS84*101
用途: 用于固定不同规格刀杆尺寸上 Supporting holder during tool changes

使用工具

Tools That Can Be Used

- 请使用超硬刀具。高速钢刀具不能热卸。
- 使用公差范围外的刀具是刀柄破损和发生滑落事故的原因。
- 另外，刀具柄部的细小铁屑等附着物会和阻碍夹持孔正常装夹，造成刀具无法拔出。
- ✧ Please use the carbide cutter. No HSS cutter.
- ✧ No shrink release is possible for any tool for high speed steel.
- ✧ A tools exceeding its tolerance can cause breakage or slippage.

佩戴耐热手套

Take Care To Avoid Burns

- 热装作业时，会产生高温，非常危险，请务必佩戴耐热手套。
- ✧ Take care to avoid burns:Because the metal becomes quite hot during heating operation, be sure to wear gloves.

拉钉（BT）

Retention Knob(BT)

- 请利用出水拉钉，否则请将拉钉取下后再进行加热。
- 通常拉钉不排出空气就不能放入刀具。
- ✧ Use a retention knob that has perforations, or remove the retention knob and heat it.
- ✧ The typical retention knob has no vent to release air, preventing tools from being inserted

冷却液导管(HSK)

Coolant Duct(HSK)

- 带着冷却液导管加热时，会破坏导管的 O 型环。
- 加热时，请卸下冷却液导管。
- 不利用冷却液贯穿时，请准备可以安装着进行热装卸的仿真导管。
- ✧ Remove the coolant duct before heating the holder, heating the holder with coolant duct attached, the o-ring will be damaged.
- ✧ A dummy duct is available for coolant shrinking and removing in place.

用外部空气冷却

Cooling By Air From Outside

- 在 HRB-03S、HRB-02S、HRB-01 中、用外部空气冷却时，不要将空气直接加到热装装置上。
- 电热器内的风扇熔化，出现故障。
- ✧ Do not directly apply air to the shrink-ting heater when cooling the HRB-03S, HRB-02S or HRB-01 using air from the outside.
- ✧ The fan in the heater will melt resulting in a breakdown.

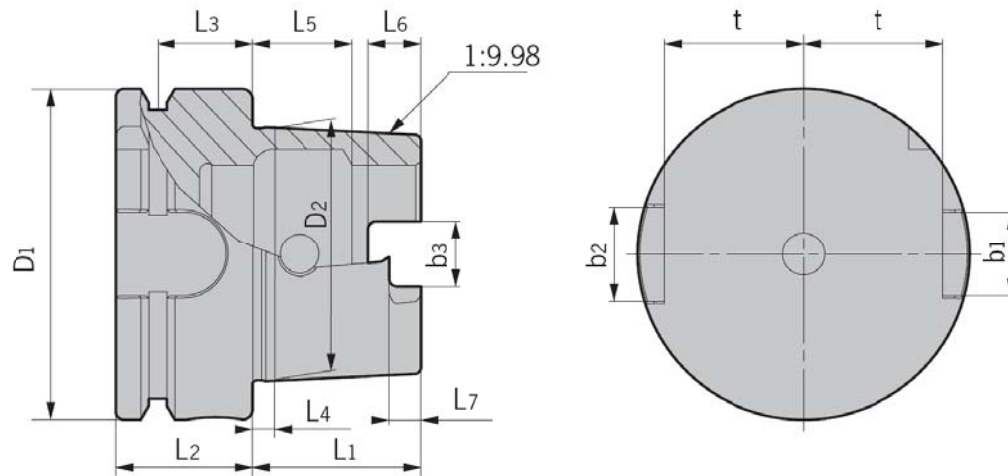
水冷时的注意

Precautions For Water-Cooling

- 热装之后水冷，产生大量水蒸气，有烫伤的危险性。
- 请在热装装置冷却 1 分钟以上（COOL 状态）之后进行水冷。
- 请完全除去水分。残留水分后，生锈会引起刀柄破损。
- ✧ Water-cooling immediately after shrink tting may result in burns due to the large quantity of steam generated.
- ✧ Be sure to set the shrink-ting heater setting to cool and cool the holder for at least one minute before water-cooling it.
- ✧ Moisture left on the holder may lead to rust formation and damage to the holder. so be sure to completely remove all moisture.

HSK 柄详细图

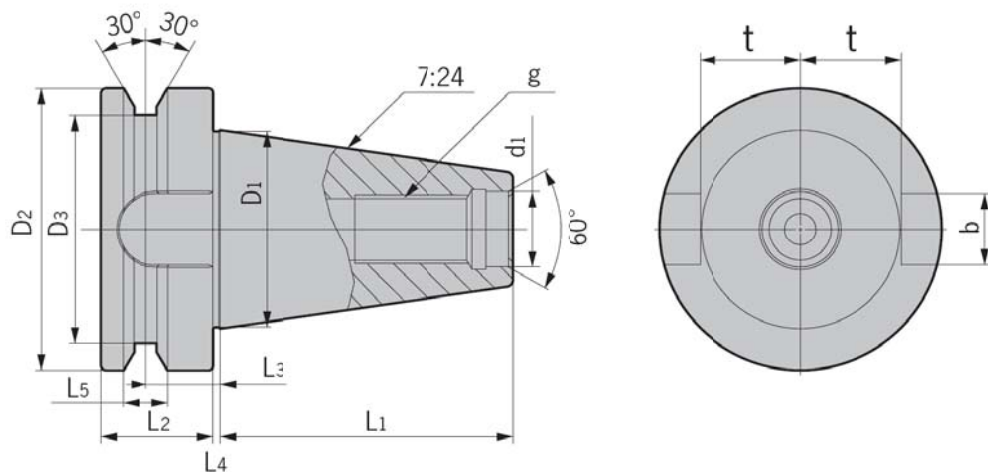
HSK Tool Holder Specification - DIN69893



型号 Specification	尺寸 Dimension												
	D1	D2	L1	L2	L3	L4	L5	L6	L7	b1	b2	b3	t
HSK40A	40	30.007	20	20	16	4	11.42	6	3.5	11	9	8.05	17
HSK50A	50	38.009	25	26	18	5	14.13	7.5	4.5	14	12	10.54	21
HSK63A	63	48.01	32	26	18	6.3	18.13	10	6	18	16	12.5	26.5
HSK100A	100	75.013	50	29	20	10	28.56	15	10	22	20	20	44

BT 柄详细图

BT Tool Holder Specification - JIS MAS403



型号 Specification	尺寸 Dimension											
	D1	d1	L1	D2	D3	L2	L3	L4	L5	b	t	g
BT30	31.75	12.5	48.4	46	38	20	13.6	2	8	16.1	16.3	M12
BT40	44.45	17	65.4	63	53	25	16.6	2	10	16.1	22.6	M16
BT50	69.85	25	101.8	100	85	35	23.2	3	15	25.7	35.4	M24