



MAS 403 BT

DIN 69871

DIN 69893 (HSK)

DIN 69880

Precision Vices

Accessory

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ACCERSSORY / 附件

TOOL HOLDER MAS 403 BT



TOOL HOLDER / 刀柄 MAS 403 BT

Tool Holder / 刀柄 JIS B6339 / MAS 403 BT

MAS 403 BT

动平衡等级

G6.3 12,000 min⁻¹

G6.3 12,000 min⁻¹

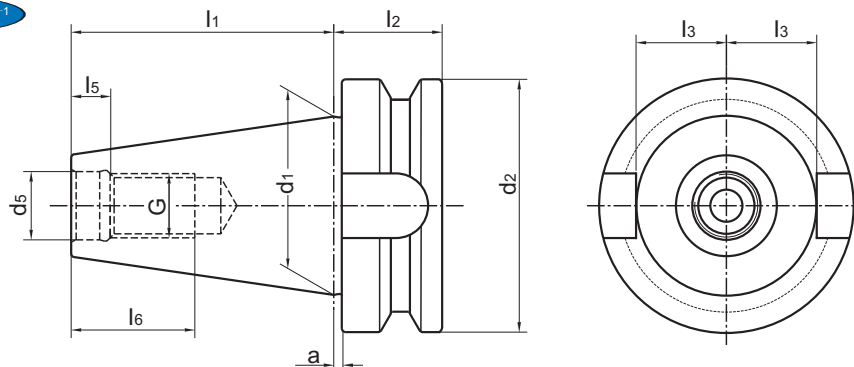
Pre-balanced

G2.5 25,000 min⁻¹

精细动平衡(可特制)

G2.5 Fine balancing

at extra charge



BT	d ₁	G	d ₅	d ₂	a	l ₁	l ₂	l ₃	l ₅	l ₆	e	d ₆
30	31.75	M12	12.5	46	2	48.4	22	16.3	7	24	—	—
40	44.45	M16	17	63	2	65.4	27	22.5	8.2	32	27	M4
50	69.85	M24	25	100	3	101.8	38	35.3	11	47	42	M6

材质：优质渗碳合金钢,中心抗拉强度最小1000N / mm²。

表面硬度HRC 60±2(HV 700±50), 硬化深度0.8mm±0.2mm,
发黑处理和精细研磨。

精度：根据DIN 7187和DIN 2080, 锥角公差等级为AT3。

Material: Allied case hardened steel, tensile strength in the core of the min.1000N/mm²

Case hardened HRC 60±2(HV 700±50),hardening depth 0.8mm±0.2mm,
black-finished and precisely grinded.

Accuracy: Cone angle-tolerance exactness<AT3 according to DIN 7187 and DIN 2080

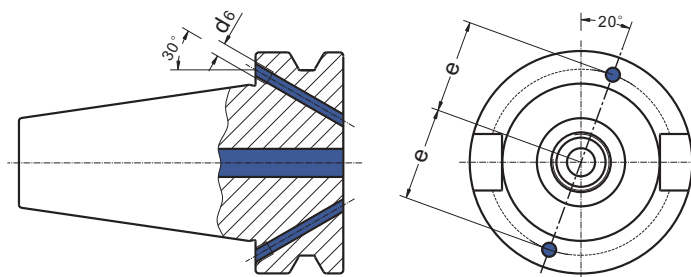
Max. run out inaccuracy <0.003mm

Cooling / 冷却方式

A型：无内冷却

AD型：中心通水

AD/B型：中心通水及法兰通水。交货时
法兰上的通孔用螺钉堵住,使用时可拧
下螺钉。



Form A:without cooling supply

Form AD:central cooling supply

Form AD/B:central cooling supply and with internal coolant through the collar



ER弹簧夹头刀柄 ————— 1.04



OZ弹簧夹头刀柄 ————— 1.09



HPS高精度弹簧夹头刀柄 ————— 1.10



强力铣刀柄 ————— 1.11



侧固式铣刀柄 ————— 1.12



带扁尾莫氏刀柄 ————— 1.19



带螺纹孔莫氏刀柄 ————— 1.21



混合式铣刀柄 ————— 1.23



面铣刀柄 ————— 1.25



钻夹头基础柄 ————— 1.28



CNC钻夹头刀柄 ————— 1.29



自紧式钻夹头刀柄 ————— 1.30



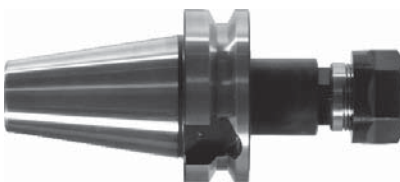
TOOL HOLDER / 刀柄 MAS 403 BT



弹性快换攻丝刀柄 1.31



刚性快换攻丝刀柄 1.32



ER弹性攻丝刀柄 1.33



转换刀柄 1.34



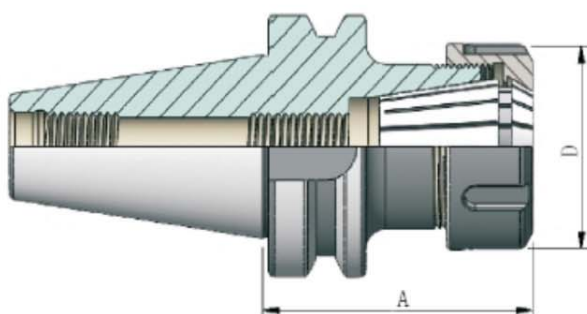
液压刀柄 1.35



热缩刀柄 1.39



镗刀柄体 1.47

Collet Chuck ER / BT-ER弹簧夹头刀柄

G6.3 12,000min⁻¹
 ≤ 0.003

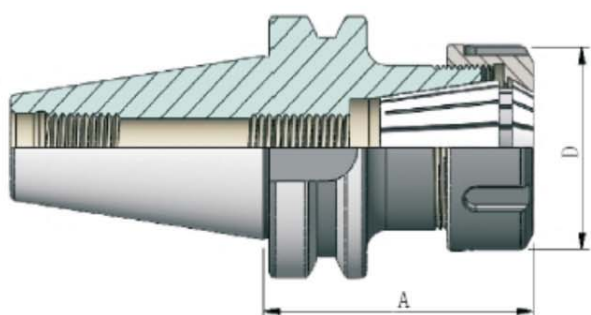
BT-ER弹簧夹头刀柄

Order No. 货号	Size 规格	Capacity 夹持范围	D 螺帽外径	Cooling 冷却方式	A 有效长度	
31.1016.70.1	BT30-1/10-70 ER16	1-10	32	AD	70	
31.1016.100.1	BT30-1/10-100 ER16	1-10	32	AD	100	
31.1020.70.1	BT30-1/13-70 ER20	1-13	35	AD	70	
31.1020.100.1	BT30-1/13-100 ER20	1-13	35	AD	100	
31.1020.135.1	BT30-1/13-135 ER20	1-13	35	AD	135	
31.1025.70.1	BT30-2/16-70 ER25	2-16	42	AD	70	
31.1032.70.1	BT30-2/20-70 ER32	2-20	50	AD	70	
31.1040.70.1	BT30-3/26-70 ER40	3-26	63	AD	70	
41.1016.63.1	BT40-1/10-63 ER16	1-10	32	AD	63	
41.1016.100.1	BT40-1/10-100 ER16	1-10	32	AD	100	
41.1016.160.1	BT40-1/10-160 ER16	1-10	32	AD	160	
41.1016.200.1	BT40-1/10-200 ER16	1-10	28	AD	200	
41.1020.70.1	BT40-1/13-70 ER20	1-13	35	AD	70	
41.1020.100.1	BT40-1/13-100 ER20	1-13	35	AD	100	
41.1020.160.1	BT40-1/13-160 ER20	1-13	35	AD	160	
41.1025.60.1	BT40-2/16-60 ER25	2-16	42	AD	60	
41.1025.100.1	BT40-2/16-100 ER25	2-16	42	AD	100	
41.1025.160.1	BT40-2/16-160 ER25	2-16	42	AD	160	
41.1025.200.1	BT40-2/16-200 ER25	2-16	42	AD	200	
41.1032.70.1	BT40-2/20-70 ER32	2-20	50	AD	70	



TOOL HOLDER / 刀柄 MAS 403 BT

Collet Chuck ER / BT-ER弹簧夹头刀柄



G6.3 12,000min⁻¹

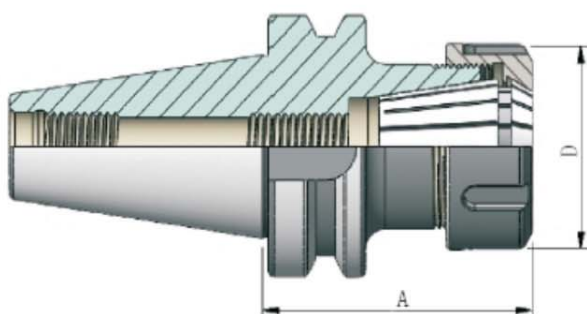
≤ 0.003

BT-ER弹簧夹头刀柄

Order No. 货号	Size 规格	Capacity 夹持范围	D 螺帽外径	Cooling 冷却方式	A 有效长度
41.1032.100.1	BT40-2/20-100 ER32	2-20	50	AD	100
41.1032.160.1	BT40-2/20-160 ER32	2-20	50	AD	160
41.1032.200.1	BT40-2/20-200 ER32	2-20	50	AD	200
41.1040.80.1	BT40-3/26-80 ER40	3-26	63	AD	80
41.1040.100.1	BT40-3/26-100 ER40	3-26	63	AD	100
41.1040.160.1	BT40-3/26-160 ER40	3-26	63	AD	160
41.1040.200.1	BT40-3/26-200 ER40	3-26	63	AD	200
51.1016.100.1	BT50-1/10-100 ER16	1-10	32	AD	100
51.1016.160.1	BT50-1/10-160 ER16	1-10	32	AD	160
51.1016.200.1	BT50-1/10-200 ER16	1-10	32	AD	200
51.1020.70.1	BT50-1/13-70 ER20	1-13	35	AD	70
51.1020.100.1	BT50-1/13-100 ER20	1-13	35	AD	100
51.1025.60.1	BT50-2/16-60 ER25	2-16	42	AD	60
51.1025.100.1	BT50-2/16-100 ER25	2-16	42	AD	100
51.1025.160.1	BT50-2/16-160 ER25	2-16	42	AD	160
51.1025.200.1	BT50-2/16-200 ER25	2-16	42	AD	200
51.1032.70.1	BT50-2/20-70 ER32	2-20	50	AD	70
51.1032.100.1	BT50-2/20-100 ER32	2-20	50	AD	100
51.1032.160.1	BT50-2/20-160 ER32	2-20	50	AD	160
51.1032.200.1	BT50-2/20-200 ER32	2-20	50	AD	200

MAS 403 BT

Collet Chuck ER / BT-ER弹簧夹头刀柄



G6.3 12,000min⁻¹

↗ ≤ 0.003

BT-ER弹簧夹头刀柄

Order No. 货号	Size 规格	Capacity 夹持范围	D 螺帽外径	Cooling 冷却方式	A 有效长度
51.1040.80.1	BT50-3/26-80 ER40	3-26	63	AD	80 
51.1040.100.1	BT50-3/26-100 ER40	3-26	63	AD	100 
51.1040.160.1	BT50-3/26-160 ER40	3-26	63	AD	160 
51.1040.200.1	BT50-3/26-200 ER40	3-26	63	AD	200 

应用范围: 配DIN6499弹簧夹头可夹持各种尺寸圆柱柄刀具

交货内容: 标准螺帽

相关配件: ER弹簧夹头、扳手、拉钉

Use: For clamping tools with cylindrical shank in collets of DIN 6499

Delivery range: Locknut

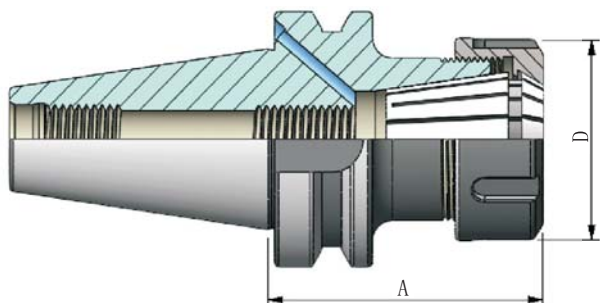
Accessories: ERcollets、wrench、rivet





TOOL HOLDER / 刀柄 MAS 403 BT

Collet Chuck ER / BT-ER弹簧夹头刀柄 (高精密AD/B)



G6.3 12,000min⁻¹

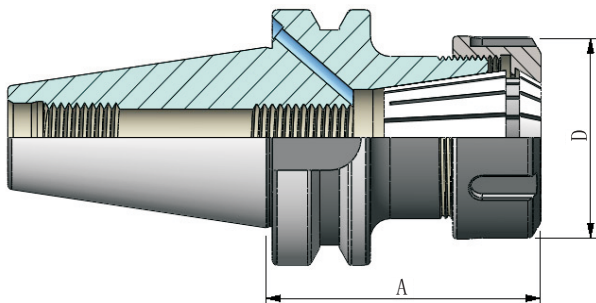
≤ 0.003

BT-ER弹簧夹头刀柄

Order No. 货号	Size 规格	Capacity 夹持范围	D 螺帽外径	Cooling 冷却方式	A 有效长度
41.1016.63.2	SK40-1/10-63 ER16(BT)	1-10	32	AD/B	63
41.1016.100.2	SK40-1/10-100 ER16(BT)	1-10	32	AD/B	100
41.1016.160.2	SK40-1/10-160 ER16(BT)	1-10	32	AD/B	160
41.1020.70.2	SK40-1/13-70 ER20(BT)	1-13	35	AD/B	70
41.1020.100.2	SK40-1/13-100 ER20(BT)	1-13	35	AD/B	100
41.1020.135.2	SK40-1/13-135 ER20(BT)	1-13	35	AD/B	135
41.1020.160.2	SK40-1/13-160 ER20(BT)	1-13	35	AD/B	160
41.1025.60.2	SK40-2/16-60 ER25(BT)	2-16	42	AD/B	60
41.1025.100.2	SK40-2/16-100 ER25(BT)	2-16	42	AD/B	100
41.1025.160.2	SK40-2/16-160 ER25(BT)	2-16	42	AD/B	160
41.1032.70.2	SK40-2/20-70 ER32(BT)	2-20	50	AD/B	70
41.1032.100.2	SK40-2/20-100 ER32(BT)	2-20	50	AD/B	100
41.1032.160.2	SK40-2/20-160 ER32(BT)	2-20	50	AD/B	160
41.1040.80.2	SK40-3/26-80 ER40(BT)	3-26	63	AD/B	80
41.1040.100.2	SK40-3/26-100 ER40(BT)	3-26	63	AD/B	100
41.1040.160.2	SK40-3/26-160 ER40(BT)	3-26	63	AD/B	160
51.1016.100.2	SK50-1/10-100 ER16(BT)	1-10	32	AD/B	100
51.1016.160.2	SK50-1/10-160 ER16(BT)	1-10	32	AD/B	160
51.1020.70.2	SK50-1/13-70 ER20(BT)	1-13	35	AD/B	70
51.1020.100.2	SK50-1/13-100 ER20(BT)	1-13	35	AD/B	100

MAS 403 BT

Collet Chuck ER / BT-ER弹簧夹头刀柄 (高精密AD/B)



G6.3 12,000min⁻¹

≤ 0.003

BT-ER弹簧夹头刀柄

Order No. 货号	Size 规格	Capacity 夹持范围	D 螺帽外径	Cooling 冷却方式	A 有效长度	
51.1016.60.2	SK50-2/16-60 ER25(BT)	2-16	42	AD/B	60	
51.1025.100.2	SK50-2/16-100 ER25(BT)	2-16	42	AD/B	100	
51.1025.160.2	SK50-2/16-160 ER25(BT)	2-16	42	AD/B	160	
51.1032.70.2	SK50-2/20-70 ER32(BT)	2-20	50	AD/B	70	
51.1032.100.2	SK50-2/20-100 ER32(BT)	2-20	50	AD/B	100	
51.1032.160.2	SK50-2/20-160 ER32(BT)	2-20	50	AD/B	160	
51.1040.80.2	SK50-3/26-80 ER40(BT)	3-26	63	AD/B	80	
51.1040.100.2	SK50-3/26-100 ER40(BT)	3-26	63	AD/B	100	
51.1040.160.2	SK50-3/26-160 ER40(BT)	3-26	63	AD/B	160	

*请注意：为了区别高精度AD/B刀柄，通常按照德国习惯在BT刀柄上也打上SK的规格标记

应用范围：配DIN6499弹簧夹头可夹持各种尺寸圆柱柄刀具
用于中心及法兰通水高精度加工

交货内容：标准螺帽(经动平衡处理)

相关配件：ER弹簧夹头、扳手、拉钉

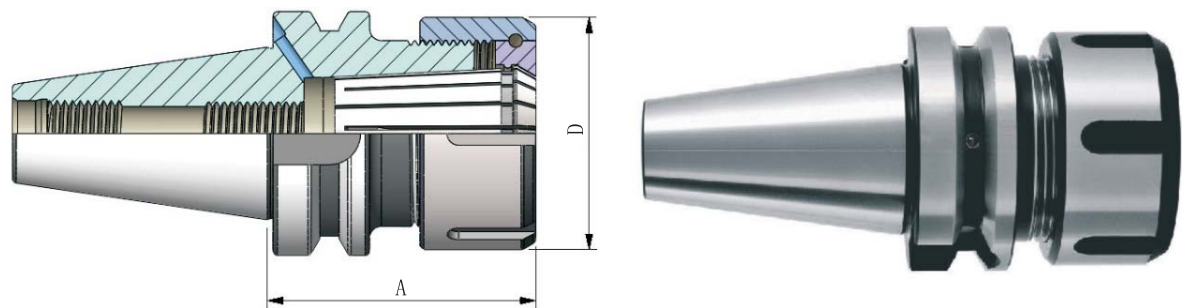
Use: For clamping tools with cylindrical shank in collets of DIN 6499
Delivery range: Locknut (balanced)
Accessories: ERcollets, wrench, rivet





TOOL HOLDER / 刀柄 MAS 403 BT

Collet Chuck OZ / BT-OZ弹簧夹头刀柄



G6.3 12,000min⁻¹

≤ 0.003

BT-OZ弹簧夹头刀柄

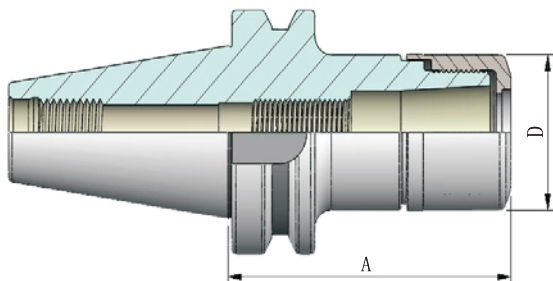
Order No. 货号	Size 规格	Capacity 夹持范围	D 螺帽外径	Cooling 冷却方式	A 有效长度	
31.1116.60.1	BT30-2/16-60 OZ16	2-16	43	AD	60	
31.1125.80.1	BT30-2/25-80 OZ25	2-25	60	AD	80	
41.1116.70.2	BT40-2/16-70 OZ16	2-16	43	AD/B	70	
41.1125.70.2	BT40-2/25-70 OZ25	2-25	60	AD/B	70	
41.1132.90.2	BT40-3/32-90 OZ32	3-32	72	AD/B	90	
51.1125.85.2	BT50-2/25-85 OZ25	2-25	60	AD/B	85	
51.1132.90.2	BT50-3/32-90 OZ32	3-32	72	AD/B	90	

应用范围: 配DIN6388 OZ弹簧夹头可夹持各种
尺寸圆柱柄刀具,用于中心及法兰
通水高精密加工
交货内容: OZ螺帽(经动平衡处理)
相关配件: OZ弹簧夹头、扳手、拉钉

Use: For clamping tools with cylindrical shank in
collets of DIN6388
Delivery range: Ball bearing locknut (balanced)
Accessories: OZcollets、wrench、rivet



MAS 403 BT

Collet Chucks HPS / BT-HPS高精密弹簧夹头刀柄


G2.5 30,000min⁻¹

≤ 0.003

BT-HPS弹簧夹头刀柄

Order No. 货号	Size 规格	Capacity 夹持范围	D	Cooling 冷却方式	A 有效长度
31.1210.60.1	BT30-3/10-60 HPS10	3-10	27.5	AD	60
31.1210.90.1	BT30-3/10-90 HPS10	3-10	27.5	AD	90
31.1216.60.1	BT30-4/16-60 HPS16	4-16	40	AD	60
31.1216.90.1	BT30-4/16-90 HPS16	4-16	40	AD	90
41.1210.60.1	BT40-3/10-60 HPS10	3-10	27.5	AD	60
41.1210.90.1	BT40-3/10-90 HPS10	3-10	27.5	AD	90
41.1210.120.1	BT40-3/10-120 HPS10	3-10	27.5	AD	120
41.1216.60.1	BT40-4/16-60 HPS16	4-16	40	AD	60
41.1216.90.1	BT40-4/16-90 HPS16	4-16	40	AD	90
41.1216.120.1	BT40-4/16-120 HPS16	4-16	40	AD	120
51.1210.105.1	BT50-3/10-105 HPS10	3-10	27.5	AD	105
51.1210.135.1	BT50-3/10-135 HPS10	3-10	27.5	AD	135
51.1210.165.1	BT50-3/10-165 HPS10	3-10	27.5	AD	165
51.1216.105.1	BT50-4/16-105 HPS16	4-16	40	AD	105
51.1216.135.1	BT50-4/16-135 HPS16	4-16	40	AD	135
51.1216.165.1	BT50-4/16-165 HPS16	4-16	40	AD	165

应用范围: 配HPS高精密弹簧夹头可夹持各种尺寸
圆柱柄刀具用于高速及高精密加工

交货内容: 标准螺帽 (经动平衡处理)

相关配件: HPS弹簧夹头、HPS扳手、拉钉

Use: For mounting straight-shank tools in collets,
To use for high speed cutting and high
precision milling

Delivery range: Locknut (balanced)

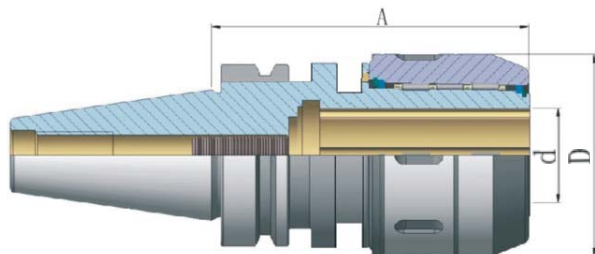
Accessories: HPScollets、HPS collect、
wrench、rivet





TOOL HOLDER / 刀柄 MAS 403 BT

Precision Milling Chuck / BT- 强力铣刀柄



G6.3 12,000min⁻¹

3xd ↗ ≤ 0.01

BT-强力铣刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	Cooling 冷却方式	A 有效长度	
31.1320.85	BT30-20-85	20	53	A	85	
31.1332.105	BT30-32-105	32	53	A	105	
41.1320.90	BT40-20-90	20	53	A	90	
41.1325.90	BT40-25-90	25	53	A	90	
41.1332.105	BT40-32-105	32	70	A	105	
41.1332.135	BT40-32-135	32	70	A	135	
51.1320.90	BT50-20-90	20	53	A	90	
51.1320.135	BT50-20-135	20	53	A	135	
51.1332.105	BT50-32-105	32	70	A	105	
51.1332.135	BT50-32-135	32	70	A	135	
51.1332.150	BT50-32-150	32	70	A	150	
51.1342.115	BT50-42-115	42	70	A	115	

应用范围: 配直筒型弹簧夹头可夹持各种尺寸圆柱柄刀具

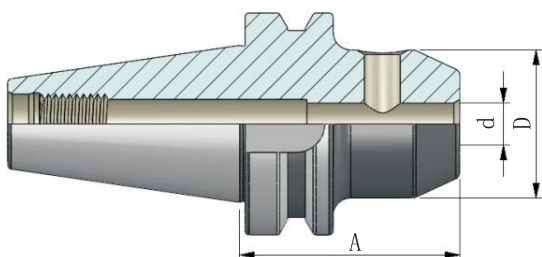
相关配件: 直筒型精密弹簧夹头、拉钉、扳手

Use: For mounting straight-shank tools in collets

Accessories: precision straight collects、rivet, and wrench



Weldon Toolholder / BT- 侧固式铣刀柄



G6.3 12,000min⁻¹

≤ 0.003

DIN 1835-B

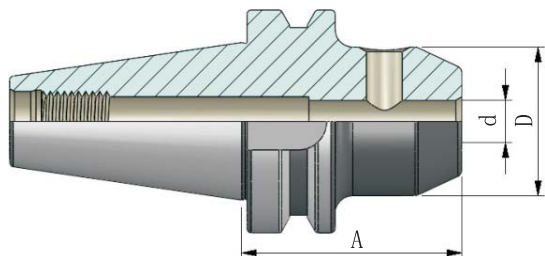
BT-侧固式铣刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	Cooling 冷却方式	A 有效长度	
31.2006.50.1	BT30-6-50	6	25	AD	50	
31.2008.50.1	BT30-8-50	8	28	AD	50	
31.2010.50.1	BT30-10-50	10	35	AD	50	
31.2012.50.1	BT30-12-50	12	42	AD	50	
31.2014.50.1	BT30-14-50	14	44	AD	50	
31.2016.63.1	BT30-16-63	16	48	AD	63	
31.2018.63.1	BT30-18-63	18	50	AD	63	
31.2020.63.1	BT30-20-63	20	52	AD	63	
41.2006.50.1	BT40-6-50	6	25	AD	50	
41.2006.100.1	BT40-6-100	6	25	AD	100	
41.2006.125.1	BT40-6-125	6	25	AD	125	
41.2006.160.1	BT40-6-160	6	25	AD	160	
41.2008.50.1	BT40-8-50	8	28	AD	50	
41.2008.100.1	BT40-8-100	8	28	AD	100	
41.2008.125.1	BT40-8-125	8	28	AD	125	
41.2008.160.1	BT40-8-160	8	28	AD	160	
41.2010.63.1	BT40-10-63	10	35	AD	63	
41.2010.100.1	BT40-10-100	10	35	AD	100	
41.2010.125.1	BT40-10-125	10	35	AD	125	
41.2010.160.1	BT40-10-160	10	35	AD	160	



TOOL HOLDER / 刀柄 MAS 403 BT

Weldon Toolholder / BT-侧固式铣刀柄



G6.3 12,000min⁻¹

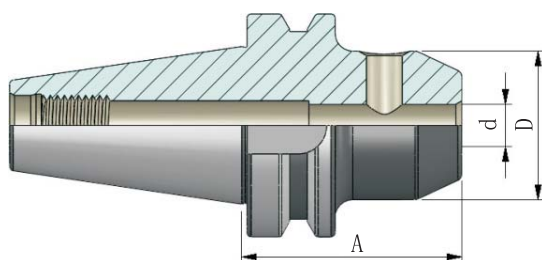
≤ 0.003

DIN 1835 B

BT-侧固式铣刀柄

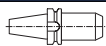
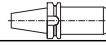
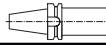
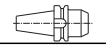
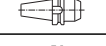
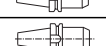
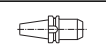
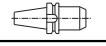
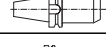
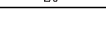
Order No. 货号	Size 规格	d 夹持直径	D 外径	Cooling 冷却方式	A 有效长度
41.2012.63.1	BT40-12-63	12	42	AD	63
41.2012.100.1	BT40-12-100	12	42	AD	100
41.2012.125.1	BT40-12-125	12	42	AD	125
41.2012.160.1	BT40-12-160	12	42	AD	160
41.2014.63.1	BT40-14-63	14	44	AD	63
41.2014.100.1	BT40-14-100	14	44	AD	100
41.2014.125.1	BT40-14-125	14	44	AD	125
41.2014.160.1	BT40-14-160	14	44	AD	160
41.2016.35.1	BT40-16-35	16	48	AD	35
41.2016.63.1	BT40-16-63	16	48	AD	63
41.2016.63.1	BT40-16-63	16	48	AD	63
41.2016.100.1	BT40-16-100	16	48	AD	100
41.2016.125.1	BT40-16-125	16	48	AD	125
41.2016.160.1	BT40-16-160	16	48	AD	160
41.2018.63.1	BT40-18-63	18	50	AD	63
41.2018.100.1	BT40-18-100	18	50	AD	100
41.2018.125.1	BT40-18-125	18	50	AD	125
41.2018.160.1	BT40-18-160	18	50	AD	160
41.2020.35.1	BT40-20-35	20	52	AD	35
41.2020.63.1	BT40-20-63	20	52	AD	63

MAS 403 BT

Weldon Toolholder / BT- 侧固式铣刀柄

G6.3 12,000min⁻¹
 ≤ 0.003

DIN 1835 B

BT-侧固式铣刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	Cooling 冷却方式	A 有效长度	
41.2020.100.1	BT40-20-100	20	52	AD	100	
41.2020.125.1	BT40-20-125	20	52	AD	125	
41.2020.160.1	BT40-20-160	20	52	AD	160	
51.2006.63.1	BT50-6-63	6	25	AD	63	
51.2008.63.1	BT50-8-63	8	28	AD	63	
51.2010.63.1	BT50-10-63	10	35	AD	63	
51.2012.80.1	BT50-12-80	12	42	AD	80	
51.2014.80.1	BT50-14-80	14	44	AD	80	
51.2016.80.1	BT50-16-80	16	48	AD	80	
51.2018.80.1	BT50-18-80	18	50	AD	80	
51.2020.80.1	BT50-20-80	20	52	AD	80	
51.2025.100.1	BT50-25-100	25	65	AD	100	
51.2032.105.1	BT50-32-105	32	72	AD	105	
51.2040.110.1	BT50-40-110	40	80	AD	110	
51.2050.125.1	BT50-50-125	50	90	AD	125	

应用范围: 适用于夹持DIN1835-B具有侧固平面的刀具
 夹持直径d ≥ 25, 由两支螺栓固定刀具
 相关配件: 拉钉

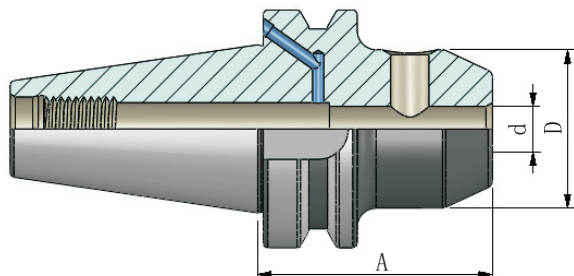
Use: For clamping cutters with cylindrical shank and inclined flat of DIN1835-B
 For d ≥ 25 two clamping screws
 Accessories: rivet





TOOL HOLDER / 刀柄 MAS 403 BT

Weldon Toolholder / BT-侧固式铣刀柄 (高精AD/B)



G6.3 12,000min⁻¹

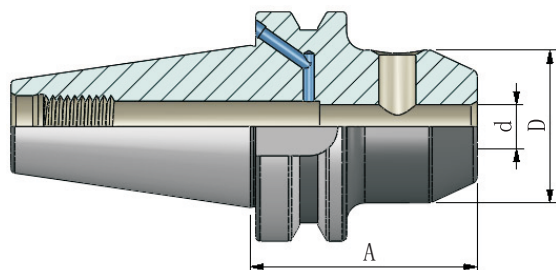
≤ 0.003

DIN 1835 B

BT-侧固式铣刀柄

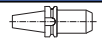
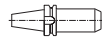
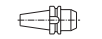
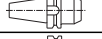
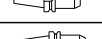
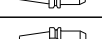
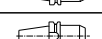
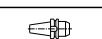
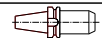
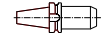
Order No. 货号	Size 规格	d 夹持直径	D 外径	Cooling 冷却方式	A 有效长度
41.2006.50.2	SK40-06-50(BT)	6	25	AD/B	50
41.2006.100.2	SK40-06-100(BT)	6	25	AD/B	100
41.2008.50.2	SK40-08-50(BT)	8	28	AD/B	50
41.2008.100.2	SK40-08-100(BT)	8	28	AD/B	100
41.2010.63.2	SK40-10-63(BT)	10	35	AD/B	63
41.2010.100.2	SK40-10-100(BT)	10	35	AD/B	100
41.2012.63.2	SK40-12-63(BT)	12	42	AD/B	63
41.2012.100.2	SK40-12-100(BT)	12	42	AD/B	100
41.2014.63.2	SK40-14-63(BT)	14	44	AD/B	63
41.2014.100.2	SK40-14-100(BT)	14	44	AD/B	100
41.2016.35.2	SK40-16-35(BT)	16	48	AD/B	35
41.2016.63.2	SK40-16-63(BT)	16	48	AD/B	63
41.2016.100.2	SK40-16-100(BT)	16	48	AD/B	100
41.2018.63.2	SK40-18-63(BT)	18	50	AD/B	63
41.2018.100.2	SK40-18-100(BT)	18	50	AD/B	100
41.2020.35.2	SK40-20-35(BT)	20	52	AD/B	35
41.2020.63.2	SK40-20-63(BT)	20	52	AD/B	63
41.2020.100.2	SK40-20-100(BT)	20	52	AD/B	100
41.2025.35.2	SK40-25-35(BT)	25	65	AD/B	35
41.2025.90.2	SK40-25-90(BT)	25	65	AD/B	90
41.2032.65.2	SK40-32-65(BT)	32	72	AD/B	65

MAS 403 BT

Weldon Toolholder / BT- 侧固式铣刀柄 (高精密AD/B)

 G6.3 12,000min⁻¹
 ≤ 0.003

DIN 1835-B

BT-侧固式铣刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	Cooling 冷却方式	A 有效长度	
41.2032.100.2	SK40-32-100(BT)	32	72	AD/B	100	
41.2040.120.2	SK40-40-120(BT)	40	80	AD/B	120	
51.2006.63.2	SK50-6-63(BT)	6	25	AD/B	63	
51.2008.63.2	SK50-8-63(BT)	8	28	AD/B	63	
51.2010.63.2	SK50-10-63(BT)	10	35	AD/B	63	
51.2012.80.2	SK50-12-80(BT)	12	42	AD/B	80	
51.2020.80.2	SK50-20-80(BT)	20	52	AD/B	80	
51.2014.80.2	SK50-14-80(BT)	14	44	AD/B	80	
51.2016.80.2	SK50-16-80(BT)	16	48	AD/B	80	
51.2018.80.2	SK50-18-80(BT)	18	50	AD/B	80	
51.2025.35.2	SK50-25-35(BT)	25	50	AD/B	35	
51.2025.100.2	SK50-25-100(BT)	25	65	AD/B	100	
51.2032.105.2	SK50-32-105(BT)	32	72	AD/B	105	
51.2040.110.2	SK50-40-110(BT)	40	80	AD/B	110	

*请注意：为了区别高精度AD/B刀柄，通常按照德国习惯在BT刀柄上也打上SK的规格标记

应用范围: 适用于夹持DIN1835-B具有侧固平面的刀具
 夹持直径d ≥ 25, 由两支螺栓固定刀具

Use: For clamping cutters with cylindrical shank and
 inclined flat of DIN1835-B
 For d ≥ 25 two clamping screws

相关配件: 拉钉

Accessories: rivet

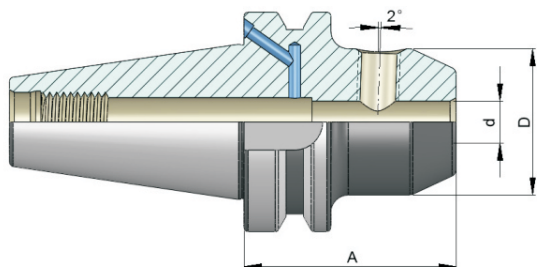


6.15-6.18



TOOL HOLDER / 刀柄 MAS 403 BT

Whistle Notch Toolholder / BT-斜2° 侧固式铣刀柄 (高精AD/B)



G6.3 12,000min⁻¹



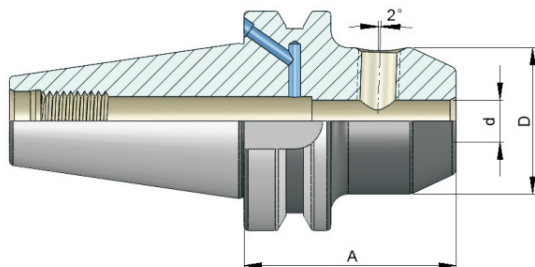
DIN 1835 E

BT-斜2° 侧固式铣刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	Cooling 冷却方式	A 有效长度	
41.2106.50.2	SK40-6-50-E(BT)	6	25	AD/B	50	
41.2108.50.2	SK40-8-50-E(BT)	8	28	AD/B	50	
41.2110.63.2	SK40-10-63-E(BT)	10	35	AD/B	63	
41.2112.63.2	SK40-12-63-E(BT)	12	42	AD/B	63	
41.2114.63.2	SK40-14-63-E(BT)	14	44	AD/B	63	
41.2116.63.2	SK40-16-63-E(BT)	16	48	AD/B	63	
41.2118.63.2	SK40-18-63-E(BT)	18	50	AD/B	63	
41.2120.63.2	SK40-20-63-E(BT)	20	52	AD/B	63	
41.2125.90.2	SK40-25-90-E(BT)	25	65	AD/B	90	
41.2132.100.2	SK40-32-100-E(BT)	32	72	AD/B	100	
41.2140.120.2	SK40-40-120-E(BT)	40	80	AD/B	120	
51.2106.63.2	SK50-6-63-E(BT)	6	25	AD/B	63	
51.2108.63.2	SK50-8-63-E(BT)	8	28	AD/B	63	
51.2110.63.2	SK50-10-63-E(BT)	10	35	AD/B	63	
51.2112.80.2	SK50-12-80-E(BT)	12	42	AD/B	80	
51.2114.80.2	SK50-14-80-E(BT)	14	44	AD/B	80	
51.2116.80.2	SK50-16-80-E(BT)	16	48	AD/B	80	
51.2118.80.2	SK50-18-80-E(BT)	18	50	AD/B	80	

MAS 403 BT

Whistle Notch Toolholder / BT- 斜2° 侧固式铣刀柄 (高精密AD/B)



G6.3 12,000min⁻¹

≤ 0.003

DIN 1835 E

BT-斜2° 侧固式铣刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	Cooling 冷却方式	A 有效长度
51.2120.80.2	SK50-20-80-E(BT)	20	52	AD/B	80 
51.2125.100.2	SK50-25-100-E(BT)	25	65	AD/B	100 
51.2132.105.2	SK50-32-105-E(BT)	32	72	AD/B	105 
51.2140.110.2	SK50-40-110-E(BT)	40	80	AD/B	110 

*请注意：为了区别高精度AD/B刀柄，通常按照德国习惯在BT刀柄上也打上SK的规格标记

应用范围: 适用于夹持DIN1835-E具有侧固平面的刀具
夹持直径d ≥ 25, 由两支螺栓固定刀具

Use: For clamping cutters with cylindrical shank and
inclined flat of DIN1835-E

For d ≥ 25 two clamping screws

Accessories: rivet

相关配件: 拉钉

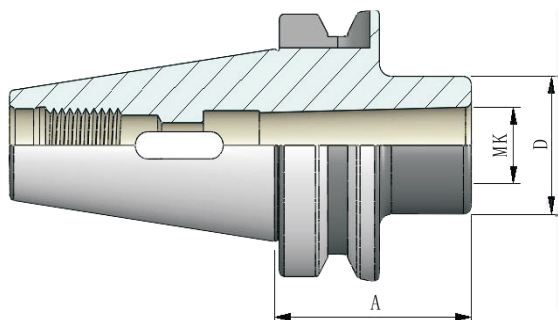


6.15-6.18



TOOL HOLDER / 刀柄 MAS 403 BT

Morse Taper ToolHolder / BT- 带扁尾莫氏刀柄



G6. 3 12,000min⁻¹

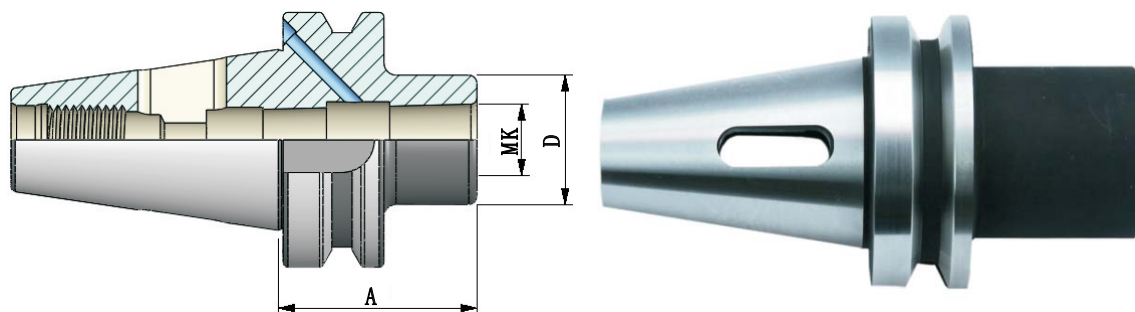
≤ 0.005

DIN 6383

BT-带扁尾莫氏刀柄

Order No. 货号	Size 规格	MK 莫氏锥度	D 外径	Cooling 冷却方式	A 有效长度
31.3001.45.1	BT30-1-45	MK1	25	AD	45
31.3002.60.1	BT30-2-60	MK2	32	AD	60
31.3003.75.1	BT30-3-75	MK3	40	AD	75
41.3001.50.1	BT40-1-50	MK1	25	AD	50
41.3002.50.1	BT40-2-50	MK2	32	AD	50
41.3003.70.1	BT40-3-70	MK3	40	AD	70
41.3004.95.1	BT40-4-95	MK4	48	AD	95
51.3001.45.1	BT50-1-45	MK1	25	AD	45
51.3002.60.1	BT50-2-60	MK2	32	AD	60
51.3003.65.1	BT50-3-65	MK3	40	AD	65
51.3004.95.1	BT50-4-95	MK4	48	AD	95
51.3005.105.1	BT50-5-105	MK5	63	AD	105
51.3002.117.1	BT50-2-117	MK2	32	AD	117
51.3003.137.1	BT50-3-137	MK3	40	AD	137
51.3004.167.1	BT50-4-167	MK4	48	AD	167
51.3005.197.1	BT50-5-197	MK5	63	AD	197

MAS 403 BT

Morse taper ToolHolder / BT- 带扁尾莫氏刀柄(高精密AD/B)

G6.3 12,000min⁻¹
 ≤ 0.005

DIN 6383

BT-带扁尾莫氏刀柄

Order No. 货号	Size 规格	MK 莫氏锥度	D 外径	Cooling 冷却方式	A 有效长度	
41.3001.50.2	SK40-1-50(BT)	MK1	25	AD/B	50	
41.3002.50.2	SK40-2-50(BT)	MK2	32	AD/B	50	
41.3003.70.2	SK40-3-70(BT)	MK3	40	AD/B	70	
41.3004.95.2	SK40-4-95(BT)	MK4	48	AD/B	95	
51.3001.45.2	SK50-1-45(BT)	MK1	25	AD/B	45	
51.3002.60.2	SK50-2-60(BT)	MK2	32	AD/B	60	
51.3003.65.2	SK50-3-65(BT)	MK3	40	AD/B	65	
51.3004.95.2	SK50-4-95(BT)	MK4	48	AD/B	95	
51.3005.105.2	SK50-5-105(BT)	MK5	63	AD/B	105	
51.3002.117.2	SK50-2-117(BT)	MK2	32	AD/B	117	
51.3003.137.2	SK50-3-137(BT)	MK3	40	AD/B	137	
51.3004.167.2	SK50-4-167(BT)	MK4	48	AD/B	167	
51.3005.197.2	SK50-5-197(BT)	MK5	63	AD/B	197	

*请注意：为了区别高精度AD/B刀柄，通常按照德国习惯在BT刀柄上也打上SK的规格标记

应用范围: 适用于夹持DIN228-1B型带扁尾莫氏柄刀具
用于中心及法兰通水高精密加工
相关配件: 拉钉

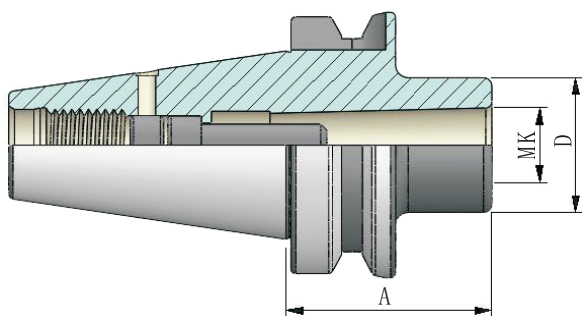
Use: For holding tools with Morse tapers and tang
according to DIN228-1 form B
Accessories: rivet



6.15-6.18

TOOL HOLDER / 刀柄 MAS 403 BT

MorseTaper With Drawbar Thread Toolholder / BT- 带螺纹孔莫氏刀柄



G6.3 12,000min⁻¹

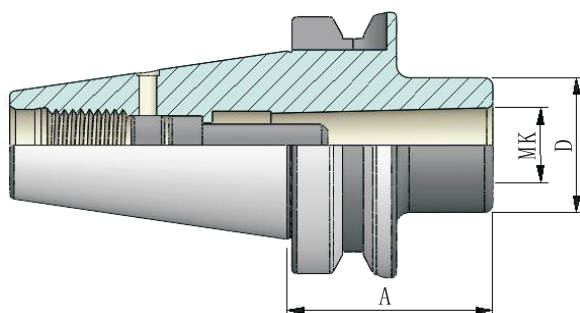
≤ 0.005

DIN 6364

BT-带螺孔莫氏刀柄

Order No. 货号	Size 规格	MK 莫氏锥度	D 外径	Cooling 冷却方式	A 有效长度
31.3101.50	BT30-1-50	MK1	25	A	50
31.3102.70	BT30-2-70	MK2	32	A	70
31.3103.100	BT30-3-100	MK3	40	A	100
41.3101.50	BT40-1-50	MK1	25	A	50
41.3102.50	BT40-2-50	MK2	32	A	50
41.3103.70	BT40-3-70	MK3	40	A	70
41.3104.95	BT40-4-95	MK4	48	A	95
41.3104.110	BT40-4-110	MK4	63	A	110
41.3102.124	BT40-2-124	MK2	32	A	124
41.3103.144	BT40-3-144	MK3	40	A	144
41.3104.167	BT40-4-167	MK4	48	A	167
51.3101.45	BT50-1-45	MK1	25	A	45
51.3102.60	BT50-2-60	MK2	32	A	60
51.3103.65	BT50-3-65	MK3	40	A	65
51.3104.70	BT50-4-70	MK4	48	A	70
51.3104.85	BT50-4-85	MK4	63	A	85
51.3105.100	BT50-5-100	MK5	63	A	100
51.3105.118	BT50-5-118	MK5	78	A	118
51.3102.136	BT50-2-136	MK2	32	A	136

Morse Taper With Drawbar Thread Toolholder / BT- 带螺纹孔莫氏刀柄



G6.3 12,000min⁻¹

≤ 0.005

DIN 6364

BT-带螺孔莫氏刀柄

Order No. 货号	Size 规格	MK 莫氏锥度	D 外径	Cooling 冷却方式	A 有效长度
51.3103.156	BT50-3-156	MK3	40	A	156
51.3104.186	BT50-4-186	MK4	48	A	186
51.3105.216	BT50-5-216	MK5	63	A	216
51.3106.276	BT50-6-276	MK6	80	A	276

应用范围: 适用于夹持DIN228-1A型带螺纹的莫氏柄刀具
相关配件: 拉钉

Use: For clamping tools with Morse tapers and
drawbar thread according to DIN228-1 form A
Accessories: rivet

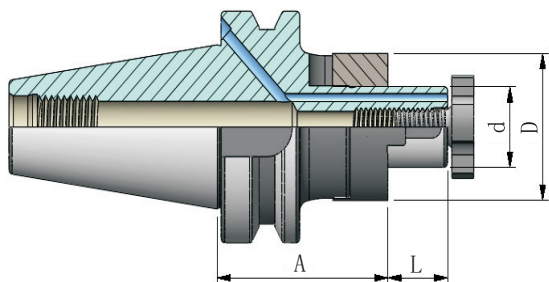


6.15-6.18



TOOL HOLDER / 刀柄 MAS 403 BT

Combi Shell Mill Toolholder / BT- 混合式铣刀柄(高精AD/B)



G6.3 12,000min⁻¹

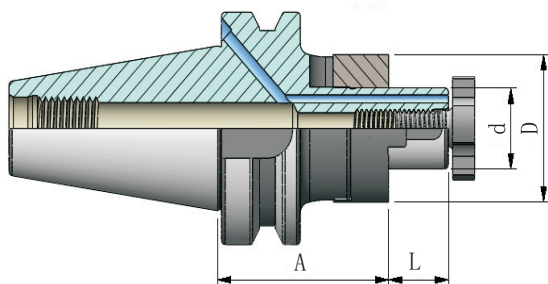
≤ 0.005

DIN 6358

BT-混合式铣刀柄

Order No. 货号	Size 规格	d 心轴直径	D 端面直径	L 心轴长度	Cooling 冷却方式	A 有效长度	
31.4016.45.1	SK30-16-45(BT)	16	32	17	AD	45	
31.4022.47.1	SK30-22-47(BT)	22	40	19	AD	47	
31.4027.49.1	SK30-27-49(BT)	27	48	21	AD	49	
41.4016.55.2	SK40-16-55(BT)	16	32	17	AD/B	55	
41.4016.100.2	SK40-16-100(BT)	16	32	17	AD/B	100	
41.4022.55.2	SK40-22-55(BT)	22	40	19	AD/B	55	
41.4022.100.2	SK40-22-100(BT)	22	40	19	AD/B	100	
41.4027.55.2	SK40-27-55(BT)	27	48	21	AD/B	55	
41.4027.100.2	SK40-27-100(BT)	27	48	21	AD/B	100	
41.4032.60.2	SK40-32-60(BT)	32	58	24	AD/B	60	
41.4032.100.2	SK40-32-100(BT)	32	58	24	AD/B	100	
41.4040.60.2	SK40-40-60(BT)	40	70	27	AD/B	60	
41.4040.100.2	SK40-40-100(BT)	40	70	27	AD/B	100	
51.4016.70.2	SK50-16-70(BT)	16	32	17	AD/B	70	
51.4022.70.2	SK50-22-70(BT)	22	40	19	AD/B	70	
51.4032.70.2	SK50-32-70(BT)	32	58	24	AD/B	70	
51.4040.70.2	SK50-40-70(BT)	40	70	27	AD/B	70	

MAS 403 BT

Combi Shell Mill Toolholder / BT- 混合式铣刀柄(高精度AD/B)

 G6.3 12,000min⁻¹
 ≤ 0.005

DIN 6358

BT-混合式铣刀柄

Order No. 货号	Size 规格	d 心轴直径	D 端面直径	L 心轴长度	Cooling 冷却方式	A 有效长度
51.4027.70.2	SK50-27-70(BT)	27	48	21	AD/B	70 

*请注意：为了区别高精度AD/B刀柄，通常按照德国习惯在BT刀柄上也打上SK的规格标记

应用范围: 适用于夹持带轴向或带径向驱动槽的铣刀
 如: 套式立铣刀, 面铣刀,
 三面刃铣刀
 交货内容: 压紧螺栓 (经动平衡处理)
 相关配件: 压紧螺栓、扳手、拉钉、驱动环

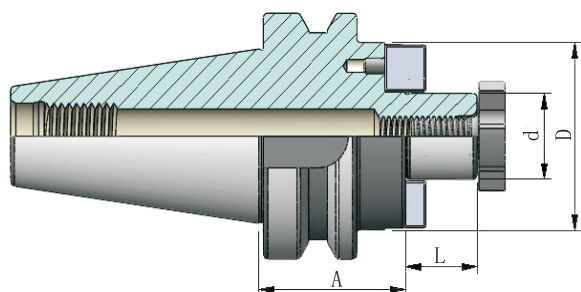
Use: For clamping shell mill
 DIN841 and DIN1880 as well
 as angular milling cutter
 DIN842 and cutter DIN1830
 Delivery range: Locknut (balanced)
 Accessories: stretching screw, wrench, rivet
 clutch drive rings





TOOL HOLDER / 刀柄 MAS 403 BT

Shell Mill Toolholder / BT- 面铣刀柄



G6.3 8,000min⁻¹

≤ 0.005

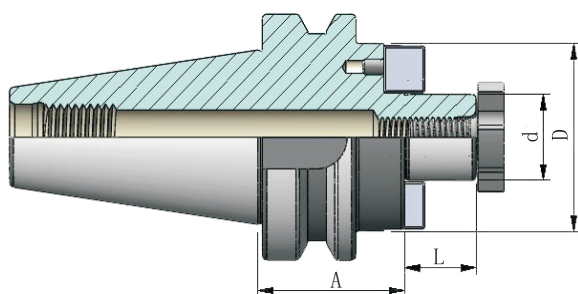
DIN 6357

BT-面铣刀柄

Order No. 货号	Size 规格	d 心轴直径	D 端面直径	L 心轴长度	Cooling 冷却方式	A 有效长度
31.4116.40.1	BT30-16-40	16	38	17	AD	40
31.4122.40.1	BT30-22-40	22	48	19	AD	40
31.4127.40.1	BT30-27-40	27	58	21	AD	40
31.4132.50.1	BT30-32-50	32	78	24	AD	50
41.4116.40	BT40-16-40	16	38	17	A	40
41.4122.40	BT40-22-40	22	48	19	A	40
41.4127.40	BT40-27-40	27	58	21	A	40
41.4132.50	BT40-32-50	32	78	24	A	50
41.4140.50	BT40-40-50	40	88	27	A	50
41.4116.100	BT40-16-100	16	40	17	A	100
41.4122.100	BT40-22-100	22	48	19	A	100
41.4127.100	BT40-27-100	27	60	21	A	100
41.4132.100	BT40-32-100	32	78	24	A	100
41.4140.100	BT40-40-100	40	88	27	A	100
51.4122.40	BT50-22-40	22	48	19	A	40
51.4127.40	BT50-27-40	27	58	21	A	40
51.4132.40	BT50-32-40	32	78	24	A	40
51.4140.50	BT50-40-50	40	88	27	A	50

MAS 403 BT

Shell Mill Toolholder / BT- 面铣刀柄



G6.3 8000min⁻¹

≤ 0.005

DIN 6357

BT-面铣刀柄

Order No. 货号	Size 规格	d 心轴直径	D 端面直径	L 心轴长度	Cooling 冷却方式	A 有效长度
51.4160.80	BT50-60-80	60	129	40	A	80

应用范围: 用于夹持带径向驱动槽的铣刀
相关配件: 压紧螺栓、扳手、拉钉

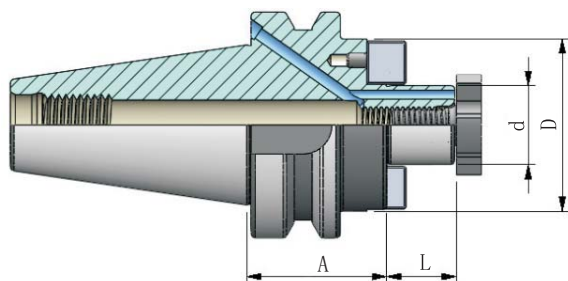
Use: For holding like shell mill cutters
Accessories: rivet、wrench、stretching screw
clutch drive rings





TOOL HOLDER / 刀柄 MAS 403 BT

Shell Mill Toolholder / BT- 面铣刀柄 (高精AD/B)



G6.3 12,000min⁻¹

≤ 0.005

DIN 6357

BT-面铣刀柄

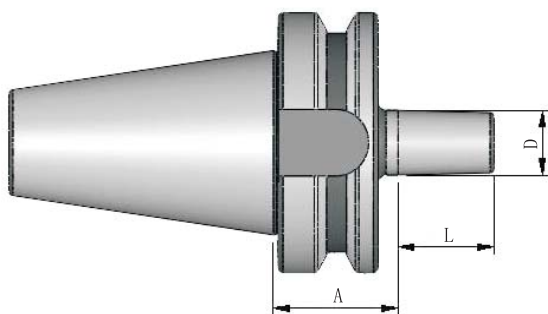
Order No. 货号	Size 规格	d 心轴直径	D 端面直径	L 心轴长度	Cooling 冷却方式	A 有效长度
41.4116.40.2	SK40-16-40(BT)	16	38	17	AD/B	40
41.4122.40.2	SK40-22-40(BT)	22	48	19	AD/B	40
41.4127.40.2	SK40-27-40(BT)	27	58	21	AD/B	40
41.4132.50.2	SK40-32-50(BT)	32	78	24	AD/B	50
41.4140.50.2	SK40-40-50(BT)	40	88	27	AD/B	50
51.4122.40.2	SK50-22-40(BT)	22	48	19	AD/B	40
51.4127.40.2	SK50-27-40(BT)	27	58	21	AD/B	40
51.4132.40.2	SK50-32-40(BT)	32	78	24	AD/B	40
51.4140.50.2	SK50-40-50(BT)	40	88	27	AD/B	50
51.4160.80.2	SK50-60-80(BT)	60	129	40	AD/B	80

*请注意：为了区别高精度AD/B刀柄，通常按照德国习惯在BT刀柄上也打上SK的规格标记

应用范围：用于夹持带径向驱动槽的铣刀
用于中心及法兰通水高精度加工
相关配件：压紧螺栓、扳手、拉钉

Use: For holding like shell mill cutters
Accessories: rivet、wrench、stretching screw
clutch drive rings



Drill Chuck Adapter / BT- 钻夹头基础柄

 G6.3 12,000min⁻¹
 ≤ 0.005

DIN 6349

BT-钻夹头基础柄

Order No. 货号	Size 规格	D 心轴直径	L 心轴长度	Cooling 冷却方式	A 有效长度
31.5012.25	BT30-B12	B12	18.5	A	25 
31.5016.25	BT30-B16	B16	24	A	25 
41.5012.32	BT40-B12	B12	18.5	A	32 
41.5016.32	BT40-B16	B16	24	A	32 
41.5018.32	BT40-B18	B18	32	A	32 
51.5016.44	BT50-B16	B16	24	A	44 
51.5018.44	BT50-B18	B18	32	A	44 

应用范围: 适用于与DIN6349的三爪钻夹头相配合
 相关配件: 钻夹头、拉钉

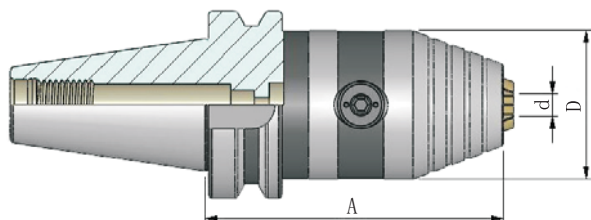
Use: For holding chucks with three jaws e. g.
 according to DIN6349
 Accessories: drill chuck、rivet





TOOL HOLDER / 刀柄 MAS 403 BT

CNC Drill Chuck / BT- CNC钻夹头刀柄



G6.3 12,000min⁻¹

BT-齿轮钻夹头刀柄

Order No. 货号	Size 规格	d	D	Cooling 冷却方式	A 有效长度
31.5108.73.1	BT30-0.5/8-73	0.5-8	36	AD	73
31.5113.93.1	BT30-1.0/13-93	1.0-13	50	AD	93
31.5116.98.1	BT30-2.5/16-98	2.5-16	50	AD	98
41.5108.78.1	BT40-0.5/8-78	0.5-8	36	AD	78
41.5113.98.1	BT40-1.0/13-98	1.0-13	50	AD	98
41.5116.103.1	BT40-2.5/16-103	2.5-16	50	AD	103
51.5113.111.1	BT50-1.0/13-111	1.0-13	50	AD	111
51.5116.113.1	BT50-2.5/16-113	2.5-16	50	AD	113

应用范围: 夹持直径为0.5-16mm的钻头

使用内六角扳手夹紧

相关配件: 拉钉、内六角扳手

Use: For clamping tools with cylindrical shank, for left and right hand turn, clamping and loosening with a hexagon socket wrench.

Accessories: rivet,



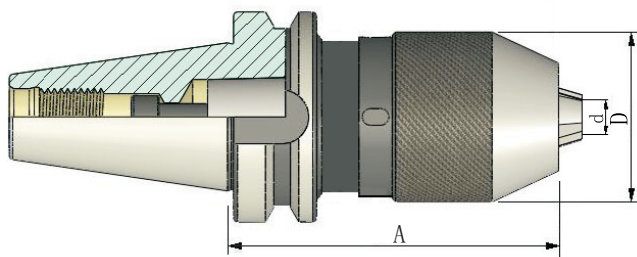
6.15-6.18



6.21

MAS 403 BT

One Set Drill Chuck / BT- 自紧式钻夹头刀柄



G6.3 8,000min⁻¹

BT-自紧式钻夹头刀柄

Order No. 货号	Size 规格	d 夹持直径	D	Cooling 冷却方式	A 有效长度
31.5208.85	BT30- 0/8-85	0-8	36	A	85
31.5213.100	BT30- 1.0/13-100	1.0-13	50	A	100
41.5208.85	BT40- 0/8-85	0-8	36	A	85
41.5213.100	BT40- 1.0/13-100	1.0-13	50	A	100
41.5216.130	BT40- 2.5/16-130	2.5-16	50	A	130
51.5213.105	BT50- 1.0/13-105	1.0-13	50	A	105
51.5216.110	BT50- 2.5/16-110	2.5-16	50	A	110

应用范围: 夹持直径为0.5-16mm的钻头
相关配件: 拉钉、扳手

Use: For clamping tools with cylindrical shank, for left and right hand turn, clamping and loosening with a hexagon socket wrench.

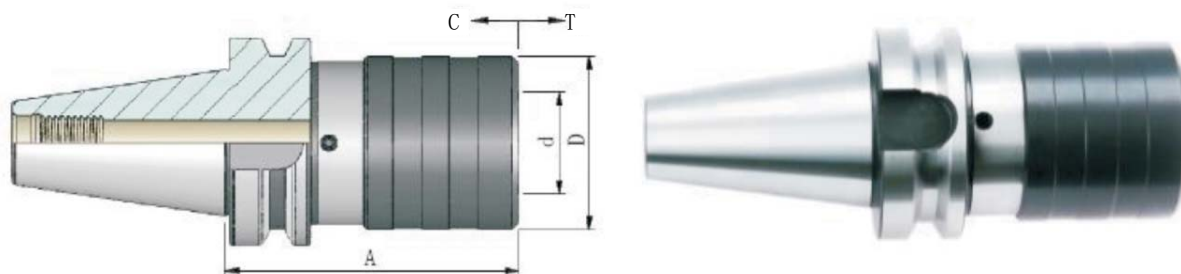
Accessories: rivet





TOOL HOLDER / 刀柄 MAS 403 BT

Quick Change Tapping Chucks with Length Compensation BT- 弹性快换攻丝刀柄



BT-弹性快换攻丝刀柄

Order No. 货号	Size 规格	d	D	T/C 拉/缩长度	Cooling 冷却方式	A 有效长度
31.6014.62	BT30-M3/M14-Gr.1	19	38	7	A	62
31.6022.95	BT30-M5/M22-Gr.2	31	54	12	A	95
41.6014.65	BT40-M3/M14-Gr.1	19	38	7	A	65
41.6022.93	BT40-M5/M22-Gr.2	31	54	12	A	93
41.6036.166	BT40-M14/M36-Gr.3	48	78	20	A	166
51.6014.100	BT50-M3/M14-Gr.1	19	38	7	A	100
51.6022.100	BT50-M5/M22-Gr.2	31	54	12	A	100
51.6036.142	BT50-M14/M36-Gr.3	48	78	17.5	A	142
51.6048.164	BT50-M22/M48-Gr.4	60	96	22.5	A	164

应用范围: 用于螺纹加工, 根据丝锥柄径及方头尺寸, 选择相应快换夹头。轴向长度可变化(弹性攻丝)。

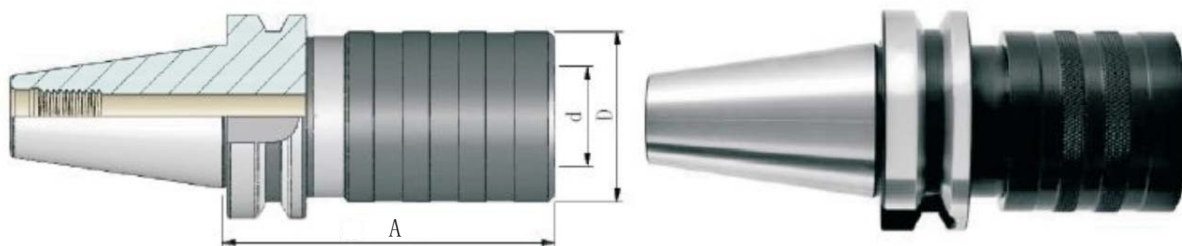
相关配件: 快换夹头、拉钉

Use: For tapping preferably. Axial length compensation on tension and pressure.

Accessories: Quick change chuck, rivet



Quick Change Tapping Chucks without Length Compensation BT- 刚性快换攻丝刀柄


BT-刚性快换攻丝刀柄

Order No. 货号	Size 规格	d	D	Cooling 冷却方式	A 有效长度	
31.6114.66.1	BT30-M3/M14-Gr.1	19	38	AD	66	
31.6122.80.1	BT30-M5/M22-Gr.2	31	54	AD	80	
41.6114.72.1	BT40-M3/M14-Gr.1	19	38	AD	72	
41.6122.93.1	BT40-M5/M22-Gr.2	31	54	AD	93	
41.6136.130.1	BT40-M14/M36-Gr.3	48	78	AD	130	
51.6114.80.1	BT50-M3/M14-Gr.1	19	38	AD	80	
51.6122.95.1	BT50-M5/M22-Gr.2	31	54	AD	95	
51.6136.142.1	BT50-M14/M36-Gr.3	48	78	AD	142	
51.6148.170.1	BT50-M22/M48-Gr.4	60	96	AD	170	

应用范围: 用于螺纹加工, 轴向长度不可变化
可中心冷却。

相关配件: 快换夹头、拉钉

Use: For tapping preferably

Axial length nonadjustable

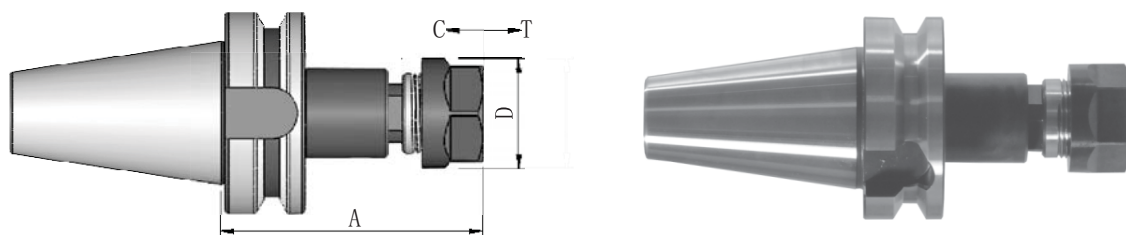
Accessories: Quick change chuck、rivet





TOOL HOLDER / 刀柄 MAS 403 BT

BT- ER弹性攻丝刀柄



BT- ER弹性攻丝刀柄

Order No. 货号	Size 规格	Range 攻丝范围	ER 弹性夹头	D 直径	C 压缩长度	T 拉伸长度	A 有效长度
31. 6216. 80	BT30-WER16-080	M3~M10	ER16	28	3	8	80
31. 6220. 80	BT30-WER20-080	M3~M12	ER20	34	3	8	80
41. 6216. 80	BT40-WER16-080	M3~M10	ER16	28	3	8	80
41. 6220. 80	BT40-WER20-080	M3~M12	ER20	34	3	8	80
41. 6232. 100	BT40-WER32-100	M6~M20	ER32	50	3	8	100
51. 6216. 100	BT50-WER16-100	M3~M10	ER16	28	3	8	100
51. 6220. 100	BT50-WER20-100	M3~M12	ER20	34	3	8	100
51. 6232. 100	BT50-WER32-100	M6~M20	ER32	50	3	8	100

应用范围:用于螺纹加工, 根据丝锥的柄径及方头尺寸, 选择相应的刀柄及ER攻丝夹头
相关配件: ER 弹簧攻丝夹头

Accessories: ERcollects

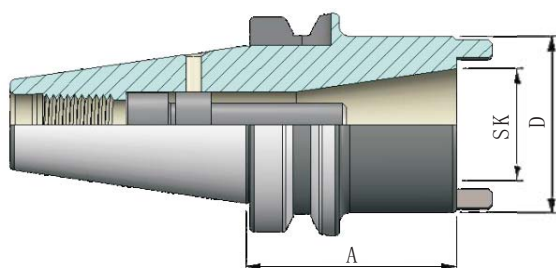


6.26-6.28



6.15

Adaptor Sleeves / BT- 转换刀柄



BT-转换刀柄

Order No. 货号	Size 规格	SK	D	Cooling 冷却方式	A 有效长度	
41.9030.60	BT40-30-60	SK30	63	A	60	
41.9040.100	BT40-40-100	SK40	63	A	100	
51.9040.70	BT50-40-70	SK40	70	A	70	
51.9050.120	BT50-50-120	SK50	97	A	120	

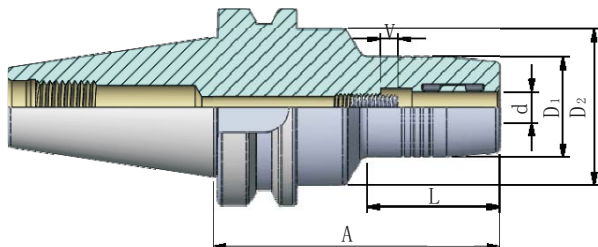
应用范围: 用于将MAS 403 BT刀柄接口转换成DIN2080或
DIN69871

Use: Transfor from MAS 403 BT to DIN2080 or DIN69871



TOOL HOLDER / 刀柄 MAS 403 BT

BT Hydraulic Expansion Chucks / BT- 液压刀柄



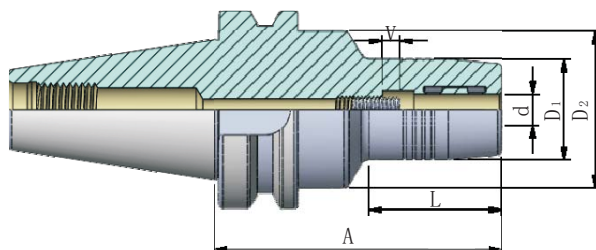
G2.5 25,000min⁻¹

2.5xd ≤ 0.005

BT-液压刀柄

Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	L	V 微调长度	cooling* 冷却方式	A 有效长度		
31.7006.70.1	BT30-6-70	6	28	45	28	10	AD	70		
31.7008.70.1	BT30-8-70	8	30				AD			
31.7010.75.1	BT30-10-75	10	32		38		AD	75		
31.7012.75.1	BT30-12-75	12	34		34		AD			
31.7014.85.1	BT30-14-85	14	36		44		AD	85		
31.7016.90.1	BT30-16-90	16	38		46		AD	90		
31.7018.90.1	BT30-18-90	18	41				AD			
31.7020.90.1	BT30-20-90	20	43				-		AD	
41.7006.90.1	BT40-6-90	6	28	50	43	10	AD	90		
41.7006.140.1	BT40-6-140							AD	140	
41.7008.90.1	BT40-8-90	8	30		44.5		AD	90		
41.7008.140.1	BT40-8-140							AD	140	
41.7010.90.1	BT40-10-90	10	32		44.5		AD	90		
41.7010.140.1	BT40-10-140							AD	140	
41.7012.90.1	BT40-12-90	12	34	50	44.5	10	AD	90		
41.7012.140.1	BT40-12-140							AD	140	
41.7014.90.1	BT40-14-90	14	36		44.5		AD	90		
41.7014.140.1	BT40-14-140							AD	140	

MAS 403 BT

BT Hydraulic Expansion Chucks / BT- 液压刀柄

G2.5 25,000min⁻¹

2.5xd ≤ 0.005

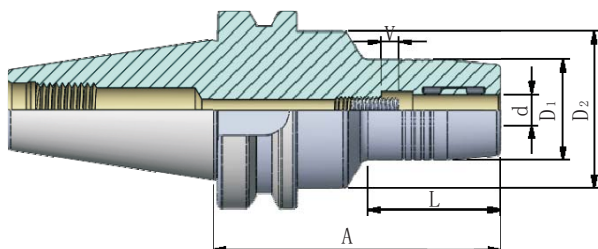
BT-液压刀柄

Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	L	V 微调长度	cooling* 冷却方式	A 有效长度	
41.7016.90.1	BT40-16-90	16	38	50	47.5	10	AD	90	
41.7016.140.1	BT40-16-140						AD	140	
41.7018.90.1	BT40-18-90	18	41		47.5		AD	90	
41.7018.140.1	BT40-18-140						AD	140	
41.7020.90.1	BT40-20-90	20	43		47.5		AD	90	
41.7020.140.1	BT40-20-140						AD	140	
41.7025.100.1	BT40-25-100	25	53		73		AD	100	
41.7025.135.1	BT40-25-135				108		AD	135	
41.7032.105.1	BT40-32-105	32	60		78		AD	105	
41.7032.135.1	BT40-32-135				108		AD	135	
51.7006.90.1	BT50-6-90	6	28	50	32	10	AD	90	
51.7006.120.1	BT50-6-120				38		AD	120	
51.7006.140.1	BT50-6-140						AD	140	
51.7008.90.1	BT50-8-90	8	30		32		AD	90	
51.7008.120.1	BT50-8-120				40		AD	120	
51.7008.140.1	BT50-8-140						AD	140	
51.7010.90.1	BT50-10-90	10	32		32		AD	90	
51.7010.120.1	BT50-10-120				42		AD	120	
51.7010.140.1	BT50-10-140						AD	140	



TOOL HOLDER / 刀柄 MAS 403 BT

BT Hydraulic Expansion Chucks / BT- 液压刀柄



G2.5 25,000min⁻¹

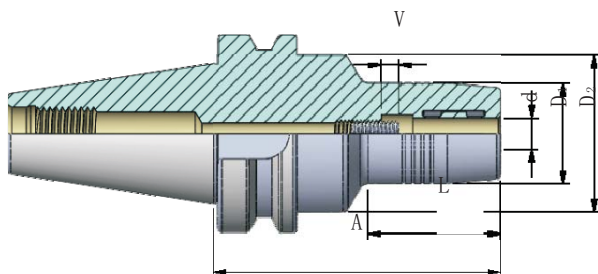
2.5xd ≤ 0.005

BT-液压刀柄

Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	L	V 微调长度	cooling* 冷却方式	A 有效长度	
51.7012.90.1	BT50-12-90	12	34	50	32	10	AD	90	
51.7012.120.1	BT50-12-120				44		AD	120	
51.7012.140.1	BT50-12-140						AD	140	
51.7014.90.1	BT50-14-90	14	36	50	32	10	AD	90	
51.7014.120.1	BT50-14-120				44		AD	120	
51.7014.140.1	BT50-14-140						AD	140	
51.7016.90.1	BT50-16-90	16	38	50	32	10	AD	90	
51.7016.120.1	BT50-16-120				46		AD	120	
51.7016.140.1	BT50-16-140						AD	140	
51.7018.90.1	BT50-18-90	18	41	50	32	10	AD	90	
51.7018.120.1	BT50-18-120				46		AD	120	
51.7018.140.1	BT50-18-140						AD	140	
51.7020.90.1	BT50-20-90	20	43	50	32	10	AD	90	
51.7020.120.1	BT50-20-120				48		AD	120	
51.7020.140.1	BT50-20-140						AD	140	
51.7025.105.1	BT50-25-105	25	57	50	67	10	AD	105	
51.7025.150.1	BT50-25-150				112		AD	150	
51.7032.115.1	BT50-32-115	32	63	50	77	10	AD	115	

MAS 403 BT

BT Hydraulic Expansion Chucks / BT- 液压刀柄



G2.5 25,000min⁻¹

2.5xd ≤ 0.005

BT-液压刀柄

Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	L	V 微调长度	cooling* 冷却方式	A 有效长度
51.7032.150.1	BT50-32-150	32	63		112	10	AD	150

*同时有AD/B的冷却方式供选择，如货号为51.7020.90.1是AD的冷却方式
货号为51.7020.90.2是AD/B的冷却方式

应用范围: 用于夹持圆柱柄DIN1835A+B+E型和DIN6535
HA+HB+HE型(直径≥12mm时,可用减径套)
被夹持刀具的柄部公差要达到h6
相关配件: 液压减径套、拉钉、扳手

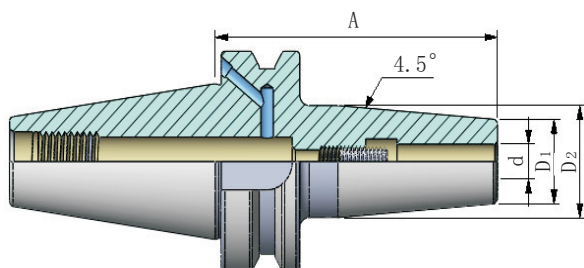
Use: For mounting straight-shank tools acc
DIN 1835 form A+B+E and DIN 6535 form
HA+HB+HE(larger than dia.12mm only
with reduction sleeve)
The Tolerance a of Tools Should be h6
Accessories: reduction sleeves、rivet





TOOL HOLDER / 刀柄 MAS 403 BT

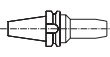
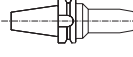
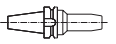
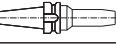
BT Shrink with 4.5° / BT 4.5° 热缩刀柄



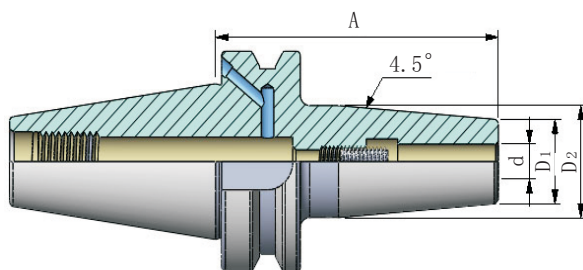
G2.5 25,000min⁻¹

4xd ↗ ≤ 0.005

BT-4.5° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	cooling 冷却方式	A 有效长度	
31.8003.80.2	BT30-3-80	3	11	15	AD/B	80	
31.8004.80.2	BT30-4-80	4	14	22	AD/B		
31.8005.80.2	BT30-5-80	5	16		AD/B		
31.8006.80.2	BT30-6-80	6	21	27	AD/B		
31.8008.80.2	BT30-8-80	8			AD/B		
31.8010.90.2	BT30-10-90	10	24	32	AD/B	90	
31.8012.90.2	BT30-12-90	12			AD/B		
31.8014.90.2	BT30-14-90	14	27	34	AD/B		
31.8016.90.2	BT30-16-90	16			AD/B		
31.8018.90.2	BT30-18-90	18	33	42	AD/B		
31.8020.90.2	BT30-20-90	20			AD/B		
41.8003.80.2	BT40-3-80	3	11	15	AD/B	80	
41.8004.80.2	BT40-4-80	4	14	22	AD/B		
41.8005.80.2	BT40-5-80	5	16		AD/B		
41.8006.90.2	BT40-6-90	6	21	27	AD/B	90	
41.8006.120.2	BT40-6-120				AD/B	120	
41.8008.90.2	BT40-8-90	8			AD/B	90	
41.8008.120.2	BT40-8-120				AD/B	120	
41.8010.90.2	BT40-10-90	10			AD/B	90	

MAS 403 BT

BT Shrink with 4.5° / BT 4.5° 热缩刀柄

G2.5 25,000min⁻¹

4xd ↗ ≤ 0.005

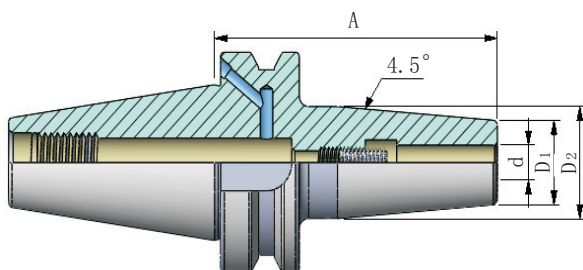
BT-4.5° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	cooling 冷却方式	A 有效长度	
41.8010.120.2	BT40-10-120	10	24	32	AD/B	120	
41.8012.90.2	BT40-12-90	12			AD/B	90	
41.8012.120.2	BT40-12-120				AD/B	120	
41.8014.90.2	BT40-14-90	14	27	34	AD/B	90	
41.8014.120.2	BT40-14-120				AD/B	120	
41.8016.90.2	BT40-16-90	16			AD/B	90	
41.8016.120.2	BT40-16-120				AD/B	120	
41.8018.90.2	BT40-18-90	18	33	42	AD/B	90	
41.8018.120.2	BT40-18-120				AD/B	120	
41.8020.90.2	BT40-20-90	20			AD/B	90	
41.8020.120.2	BT40-20-120				AD/B	120	
41.8025.100.2	BT40-25-100	25	44	53	AD/B	100	
41.8025.120.2	BT40-25-120				AD/B	120	
41.801/4.90.2	BT40-1/4"-90	1/4"	21	27	AD/B	90	
41.805/16.90.2	BT40-5/16"-90	5/16"			AD/B		
41.803/8.90.2	BT40-3/8"-90	3/8"	24	32	AD/B		
41.801/2.90.2	BT40-1/2"-90	1/2"			AD/B		
41.805/8.90.2	BT40-5/8"-90	5/8"	27	34	AD/B		
41.803/4.90.2	BT40-3/4"-90	3/4"	33	42	AD/B		
41.8001.100.2	BT40-1"-100	1"	44	53	AD/B	100	



TOOL HOLDER / 刀柄 MAS 403 BT

BT Shrink with 4.5° / BT 4.5° 热缩刀柄



G2.5 25,000min⁻¹

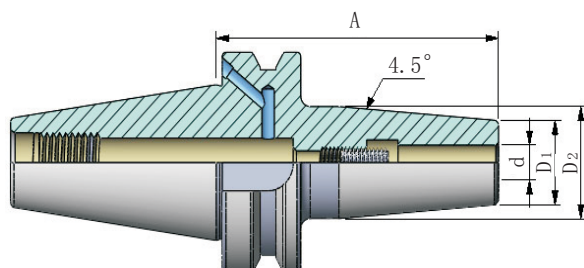
4xd ↗ ≤ 0.005

BT-4.5° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	cooling 冷却方式	A 有效长度	
51.8004.100.2	BT50-4-100	4	14	22	AD/B	100	
51.8005.100.2	BT50-5-100	5	16		AD/B		
51.8006.100.2	BT50-6-100	6	21	27	AD/B		
51.8006.160.2	BT50-6-160				AD/B	160	
51.8008.100.2	BT50-8-100	8			AD/B	100	
51.8008.160.2	BT50-8-160				AD/B	160	
51.8010.100.2	BT50-10-100	10	24	32	AD/B	100	
51.8010.160.2	BT50-10-160				AD/B	160	
51.8012.100.2	BT50-12-100	12			AD/B	100	
51.8012.160.2	BT50-12-160				AD/B	160	
51.8014.100.2	BT50-14-100	14	27	34	AD/B	100	
51.8014.160.2	BT50-14-160				AD/B	160	
51.8016.100.2	BT50-16-100	16			AD/B	100	
51.8016.160.2	BT50-16-160				AD/B	160	
51.8018.110.2	BT50-18-110	18	33	42	AD/B	110	
51.8018.160.2	BT50-18-160				AD/B	160	
51.8020.110.2	BT50-20-110	20			AD/B	110	
51.8020.160.2	BT50-20-160				AD/B	160	
51.8025.120.2	BT50-25-120	25	44	53	AD/B	120	
51.8025.160.2	BT50-25-160				AD/B	160	

MAS 403 BT

BT Shrink with 4.5° / BT 4.5° 热缩刀柄



G2.5 25,000min⁻¹

4xd ≤ 0.005

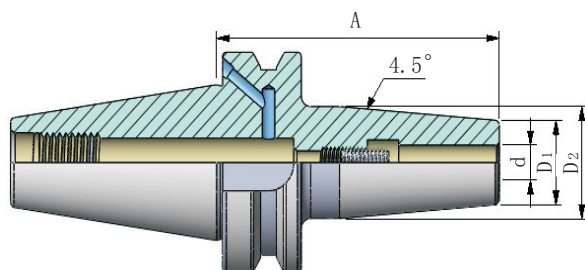
BT-4.5° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	cooling 冷却方式	A 有效长度
51.8032.120.2	BT50-32-120	32	44	53	AD/B	120
51.8032.160.2	BT50-32-160				AD/B	160
51.8006.200.2	BT50-6-200	6	21	27	AD/B	200
51.8008.200.2	BT50-8-200	8			AD/B	
51.8010.200.2	BT50-10-200	10	24	32	AD/B	
51.8012.200.2	BT50-12-200	12			AD/B	
51.8014.200.2	BT50-14-200	14	27	34	AD/B	
51.8016.200.2	BT50-16-200	16			AD/B	
51.8018.200.2	BT50-18-200	18	33	42	AD/B	
51.801/4.160.2	BT50-1/4"-160	1/4"	21	27	AD/B	160
51.805/6.160.2	BT50-5/16"-160	5/16"			AD/B	
51.803/8.160.2	BT50-3/8"-160	3/8"	24	32	AD/B	
51.801/2.160.2	BT50-1/2"-160	1/2"			AD/B	
51.805/8.160.2	BT50-5/8"-160	5/8"	27	34	AD/B	
51.803/4.160.2	BT50-3/4"-160	3/4"	33	42	AD/B	
51.8001.160.2	BT50-1"-160	1"	44	53	AD/B	



TOOL HOLDER / 刀柄 MAS 403 BT

BT Shrink with 4.5° / BT 4.5° 热缩刀柄



G2.5 25,000min⁻¹

4xd ↗ ≤ 0.005

BT-4.5° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	cooling 冷却方式	A 有效长度
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应用范围:装夹迅速,夹紧力大,高速切削.

适用于夹持高速钢HSS和硬质合金圆柱柄刀具.

直径为Ø3,Ø4和Ø5的被夹持刀具的柄部公差

要求达到h4,直径为Ø6~Ø32的被夹持柄部公

差要求达到h6

相关配件: 拉钉、延长杆

Use: For mounting straight-shank tools

Note: Toolholders suitable for induction-,

contact-and hot air shrink units.

Ø3,4,5 with h4-tolerance and Ø6-Ø32

with h6-tolerance

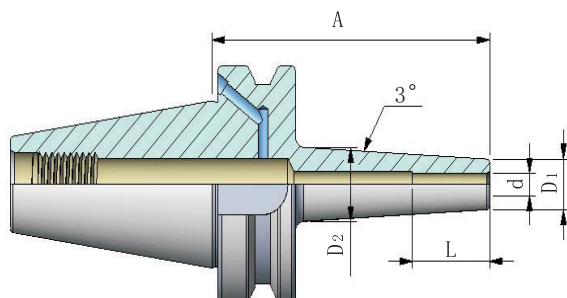
Accessories: rivet, Extention Chuck



6.16

6.45-6.49

Schrik with 3° / BT 3° 热缩刀柄



G2.5 25,000min⁻¹

4xd ≤ 0.005

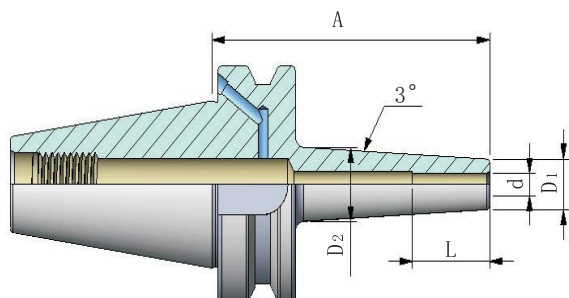
BT- 3° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	L	cooling 冷却方式	A 有效长度	
31.8103.80.2	BT30-3-80	3	9	14.8	9	AD/B	80	
31.8104.80.2	BT30-4-80	4	10	15.8	12	AD/B		
31.8105.80.2	BT30-5-80	5	11	16.8	15	AD/B		
31.8106.80.2	BT30-6-80	6	12	17.8	25	AD/B		
31.8108.80.2	BT30-8-80	8	14	19.8		AD/B		
31.8108.120.2	BT30-8-120				AD/B	120		
31.8110.80.2	BT30-10-80	10	16	21.8	32	AD/B	80	
31.8110.120.2	BT30-10-120					AD/B	120	
31.8112.80.2	BT30-12-80	12	18	23.8	38	AD/B	80	
31.8112.120.2	BT30-12-120					AD/B	120	
31.8114.80.2	BT30-14-80	14	20	25.8	40	AD/B	80	
31.8114.120.2	BT30-14-120					AD/B	120	
31.8116.90.2	BT30-16-90	16	22	27.8		AD/B	90	
31.8116.120.2	BT30-16-120					AD/B	120	
31.8118.90.2	BT30-18-90	18	24	29.8	42	AD/B	90	
31.8118.120.2	BT30-18-120					AD/B	120	
31.8120.90.2	BT30-20-90	20	26	31.8	44	AD/B	90	
31.8120.120.2	BT30-20-120					AD/B	120	



TOOL HOLDER / 刀柄 MAS 403 BT

Shrink with 3° / BT 3° 热缩刀柄



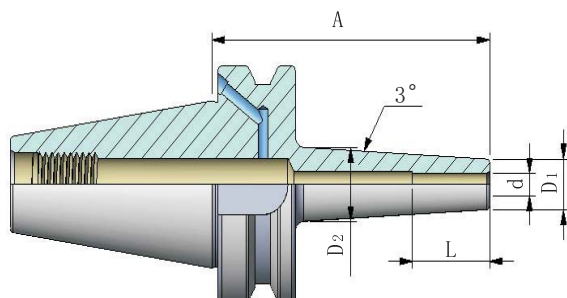
G2.5 25,000min⁻¹

4xd ≤ 0.005

BT- 3° 热缩刀柄

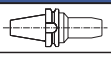
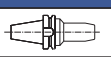
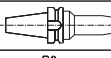
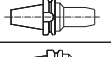
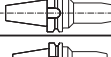
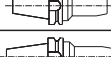
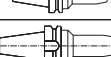
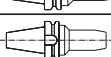
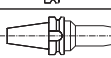
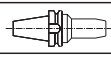
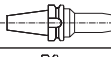
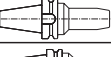
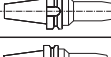
Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	L	cooling 冷却方式	A 有效长度	
41.8103.90.2	BT40-3-90	3	9	17	9	AD/B	90	
41.8104.90.2	BT40-4-90	4	10	18	12	AD/B		
41.8105.90.2	BT40-5-90	5	11	19	15	AD/B		
41.8106.90.2	BT40-6-90	6	12	20	25	AD/B	90	
41.8106.120.2	BT40-6-120					AD/B	120	
41.8108.90.2	BT40-8-90	8	14	22		AD/B	90	
41.8108.120.2	BT40-8-120					AD/B	120	
41.8110.90.2	BT40-10-90	10	16	24	32	AD/B	90	
41.8110.120.2	BT40-10-120					AD/B	120	
41.8112.90.2	BT40-12-90	12	18	26	38	AD/B	90	
41.8112.120.2	BT40-12-120					AD/B	120	
41.8114.90.2	BT40-14-90	14	20	28	40	AD/B	90	
41.8114.120.2	BT40-14-120					AD/B	120	
41.8116.90.2	BT40-16-90	16	22	30	40	AD/B	90	
41.8116.120.2	BT40-16-120					AD/B	120	
41.8118.95.2	BT40-18-95	18	24	32	42	AD/B	95	
41.8118.120.2	BT40-18-120					AD/B	120	
41.8120.95.2	BT40-20-95	20	26	34	44	AD/B	95	
41.8120.120.2	BT40-20-120					AD/B	120	

MAS 403 BT

Schrik with 3° / BT 3° 热缩刀柄

G2.5 25,000min⁻¹

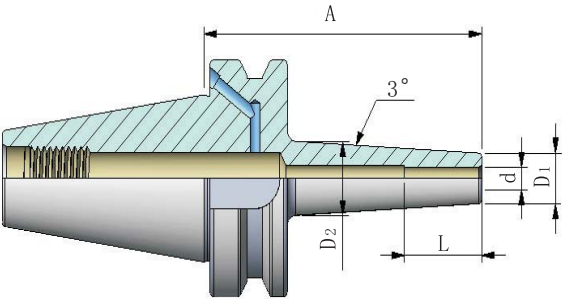
4xd ↗ ≤ 0.005

BT- 3° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	L	cooling 冷却方式	A 有效长度	
41.8125.100.2	BT40-25-100	25	31	39	50	AD/B	100	
41.8125.120.2	BT40-25-120					AD/B	120	
51.8106.100.2	BT50-6-100	6	12	20.4	25	AD/B	100	
51.8106.150.2	BT50-6-150					AD/B	150	
51.8108.100.2	BT50-8-100	8	14	22.4		AD/B	100	
51.8108.150.2	BT50-8-150					AD/B	150	
51.8110.100.2	BT50-10-100	10	16	24.4	32	AD/B	100	
51.8110.150.2	BT50-10-150					AD/B	150	
51.8112.100.2	BT50-12-100	12	18	26.4	38	AD/B	100	
51.8112.150.2	BT50-12-150					AD/B	150	
51.8114.100.2	BT50-14-100	14	20	28.4	40	AD/B	100	
51.8114.150.2	BT50-14-150					AD/B	150	
51.8116.100.2	BT50-16-100	16	22	30.4		AD/B	100	
51.8116.150.2	BT50-16-150					AD/B	150	
51.8118.100.2	BT50-18-100	18	24	32.4	42	AD/B	100	
51.8118.150.2	BT50-18-150					AD/B	150	
51.8120.100.2	BT50-20-100	20	26	34.4	44	AD/B	100	
51.8120.150.2	BT50-20-150					AD/B	150	
51.8125.100.2	BT50-25-100	25	31	39.4	50	AD/B	100	

TOOL HOLDER / 刀柄 MAS 403 BT

Bt50 Shrink with 3° / BT 3° 热缩刀柄



G2.5 25,000min⁻¹

4xd ↗ ≤ 0.005

BT-3° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	L	cooling 冷却方式	A 有效长度	
51.8125.150.2	BT50-25-150	25	31	39.4	50	AD/B	150	
51.8132.100.2	BT50-32-100	32	38	46.4		AD/B	100	
51.8132.150.2	BT50-32-150					AD/B	150	

应用范围: 适用于夹持高速钢HSS和硬质合金圆柱柄刀具.
 直径为Ø3,Ø4和Ø5的被夹持刀具的柄部公差要求达到h4,直径为Ø6~Ø32的被夹持柄部公差要求达到h6
 装夹迅速,夹紧力大,高速切削.

相关配件: 拉钉、延长杆

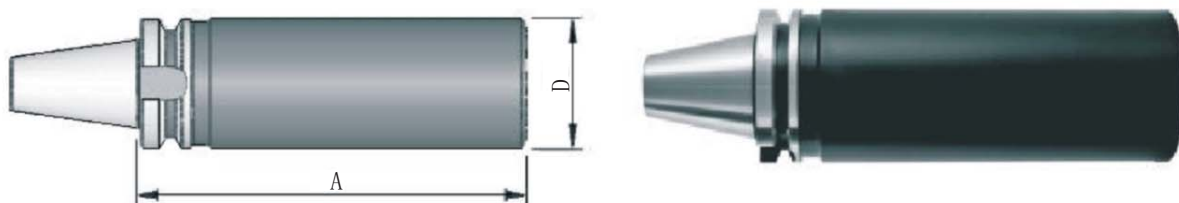


Use: For mounting straight-shank tools
 Note: Toolholders suitable for induction-, contact- and hot air shrink units.
 Ø3,4,5 with h4-tolerance and Ø6-Ø32 with h6-tolerance
 Accessories: rivet, Extention Chuck



MAS 403 BT

Boring Bar Blanks for the Production of Special Tools
BT- 镗刀柄体



BT-镗刀柄体

Order No. 货号	Size 规格	D	Cooling 冷却方式	A 有效长度	
41.5363.250	BT40-63-250	63	A	250	
51.5397.315	BT50-97-315	97	A	315	

应用范围: 用于加工成特殊刀柄
技术信息: A型, 中心不通水

Use: For manufacturing special tools in your factory
Information: Form A without central coolant supply

TOOL HOLDER DIN 69871



Tool Holder / 刀柄 DIN 69871

动平衡等级

G6.3 12,000min⁻¹

G6.3 12,000min⁻¹

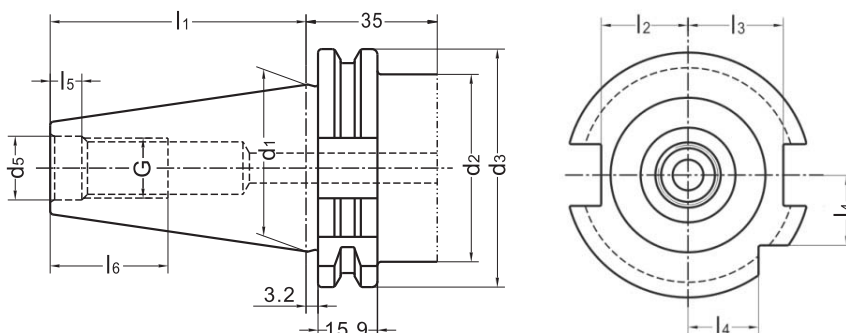
Pre-balanced

G2.5 25,000min⁻¹

可特制精细动平衡

G2.5 Fine balancing

at extra charge



SK	d ₁	G	d ₅	d ₂	d ₃	l ₁	l ₂	l ₃	l ₄	l ₅	l ₆	e	d ₆
30	31.75	M12	13	45	50.00	47.8	16.4	19.0	15.0	5.5	24	21	M4
40	44.45	M16	17	50	63.55	68.40	22.8	25.0	18.5	8.2	32	27	M4
50	69.85	M24	25	80	97.50	101.75	35.5	37.7	30.0	11.5	47	42	M6

材质：优质渗碳合金钢，中心抗拉强度最小1000N/mm²。

表面硬度HRC 60±2(HV 700±50)，硬化深度0.8mm±0.2mm，
发黑处理和精细研磨。

精度：根据DIN 7187和DIN 2080，锥角公差等级为AT3。

Material: Allied case hardened steel, tensile strength in the core of the min.1000N/mm²

Case hardened HRC 60±2(HV 700±50),hardening depth 0.8mm±0.2mm,
black-finished and precisely grinded.

Accuracy: Cone angle-tolerance exactness<AT3 according to DIN 7187 and DIN 2080

Cooling / 冷却方式

A型：无内冷却

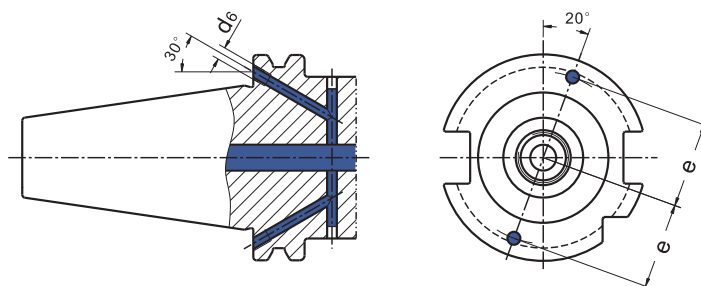
AD型：中心通水

AD/B型：中心通水及法兰通水。交货时
法兰上的通孔用螺钉堵住，使用时可拧
下螺钉

Form A:without cooling supply

Form AD:center cooling supply

Form AD/B:center cooling supply and with internal coolant through the collar



TOOL HOLDER DIN 69871



ER弹簧夹头刀柄 ————— 2.04



OZ弹簧夹头刀柄 ————— 2.08



HPS高精度弹簧夹头刀柄 ————— 2.10



强力铣刀柄 ————— 2.11



侧固式铣刀柄 ————— 2.12



带扁尾莫氏刀柄 ————— 2.23



带螺纹孔莫氏刀柄 ————— 2.27



混合式铣刀柄 ————— 2.29



面铣刀柄 ————— 2.31



钻夹头基础柄 ————— 2.33



CNC钻夹头刀柄 ————— 2.34



自紧式钻夹头刀柄 ————— 2.35



弹性快换攻丝卡头 ————— 2.36



刚性快换攻丝卡头 ————— 2.37



转换刀柄 ————— 2.39



液压刀柄 ————— 2.40



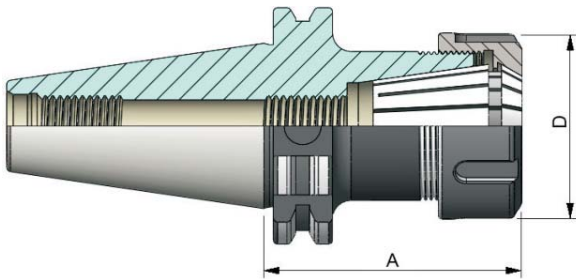
热缩刀柄 ————— 2.42



镗刀柄体 ————— 2.47

TOOL HOLDER DIN 69871

Collet Chuck ER / SK-ER弹簧夹头刀柄



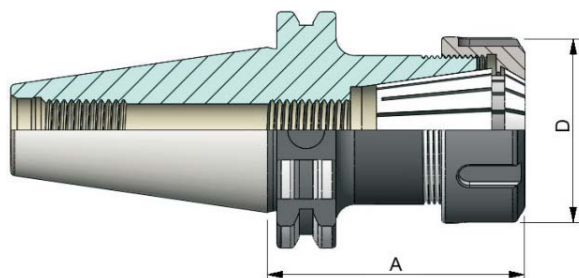
G6.3 12,000min⁻¹

≤ 0.003

SK-ER弹簧夹头刀柄

Order No. 货号	Size 规格	Capacity 夹持范围	D 螺帽外径	Cooling 冷却方式	A 有效长度	
32.1016.70.1	SK30-1/10-70 ER16	1-10	32	AD	70	
32.1016.100.1	SK30-1/10-100 ER16	1-10	32	AD	100	
32.1025.70.1	SK30-2/16-70 ER25	2-16	42	AD	70	
32.1025.100.1	SK30-2/16-100 ER25	2-16	42	AD	100	
32.1032.70.1	SK30-2/20-70 ER32	2-20	50	AD	70	
32.1032.100.1	SK30-2/20-100 ER32	2-20	50	AD	100	
32.1040.70.1	SK30-3/26-70 ER40	3-26	63	AD	70	
42.1016.63.1	SK40-1/10-63 ER16	1-10	32	AD	63	
42.1016.100.1	SK40-1/10-100 ER16	1-10	32	AD	100	
42.1016.160.1	SK40-1/10-160 ER16	1-10	32	AD	160	
42.1016.200.1	SK40-1/10-200 ER16	1-10	32	AD	200	
42.1025.60.1	SK40-2/16-60 ER25	2-16	42	AD	60	
42.1025.100.1	SK40-2/16-100 ER25	2-16	42	AD	100	
42.1025.160.1	SK40-2/16-160 ER25	2-16	42	AD	160	
42.1025.200.1	SK40-2/16-200 ER25	2-16	42	AD	200	
42.1032.70.1	SK40-2/20-70 ER32	2-20	50	AD	70	
42.1032.100.1	SK40-2/20-100 ER32	2-20	50	AD	100	
42.1032.160.1	SK40-2/20-160 ER32	2-20	50	AD	160	
42.1032.200.1	SK40-2/20-200 ER32	2-20	50	AD	200	
42.1040.80.1	SK40-3/26-80 ER40	3-26	63	AD	80	
42.1040.100.1	SK40-3/26-100 ER40	3-26	63	AD	100	
42.1040.160.1	SK40-3/26-160 ER40	3-26	63	AD	160	
42.1040.200.1	SK40-3/26-200 ER40	3-26	63	AD	200	

Collet Chuck ER / SK-ER弹簧夹头刀柄



G6.3 12,000min⁻¹

≤ 0.003

SK-ER弹簧夹头刀柄

Order No. 货号	Size 规格	Capacity 夹持范围	D 螺帽外径	Cooling 冷却方式	A 有效长度
52.1016.100.1	SK50-1/10-100 ER16	1-10	32	AD	100
52.1016.160.1	SK50-1/10-160 ER16	1-10	32	AD	160
52.1016.200.1	SK50-1/10-200 ER16	1-10	32	AD	200
52.1025.60.1	SK50-2/16-60 ER25	2-16	42	AD	60
52.1025.100.1	SK50-2/16-100 ER25	2-16	42	AD	100
52.1025.160.1	SK50-2/16-160 ER25	2-16	42	AD	160
52.1025.200.1	SK50-2/16-200 ER25	2-16	42	AD	200
52.1032.70.1	SK50-2/20-70 ER32	2-20	50	AD	70
52.1032.100.1	SK50-2/20-100 ER32	2-20	50	AD	100
52.1032.160.1	SK50-2/20-160 ER32	2-20	50	AD	160
52.1032.200.1	SK50-2/20-200 ER32	2-20	50	AD	200
52.1040.80.1	SK50-3/26-80 ER40	3-26	63	AD	80
52.1040.100.1	SK50-3/26-100 ER40	3-26	63	AD	100
52.1040.160.1	SK50-3/26-160 ER40	3-26	63	AD	160
52.1040.200.1	SK50-3/26-200 ER40	3-26	63	AD	200

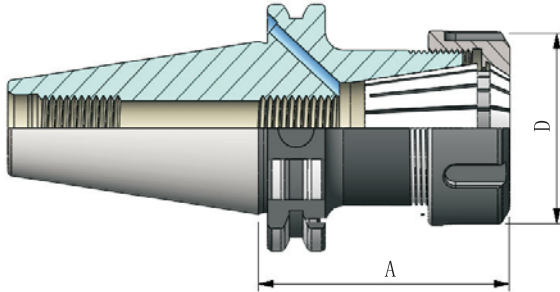
应用范围: 配DIN6499弹簧夹头可夹持各种尺寸圆柱柄刀具
交货内容: 标准螺帽
相关配件: ER弹簧夹头、扳手、拉钉

Use: For clamping tools with cylindrical shank in
collets of DIN 6499
Delivery range: Locknut
Accessories: Ercollets, wrench, rivet



TOOL HOLDER DIN 69871

Collet Chuck ER / SK-ER弹簧夹头刀柄(高精度 AD/B)

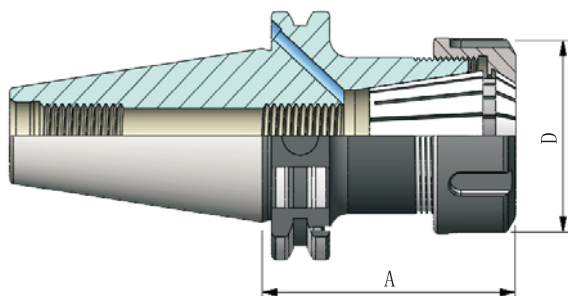


G6.3 12,000min⁻¹

≤ 0.003

SK-ER弹簧夹头刀柄

Order No. 货号	Size 规格	Capacity 夹持范围	D 螺帽外径	Cooling 冷却方式	A 有效长度	
42.1016.63.2	SK40-1/10-63 ER16	1-10	32	AD/B	63	
42.1016.100.2	SK40-1/10-100 ER16	1-10	32	AD/B	100	
42.1016.160.2	SK40-1/10-160 ER16	1-10	32	AD/B	160	
42.1025.60.2	SK40-2/16-60 ER25	2-16	42	AD/B	60	
42.1025.100.2	SK40-2/16-100 ER25	2-16	42	AD/B	100	
42.1025.160.2	SK40-2/16-160 ER25	2-16	42	AD/B	160	
42.1025.200.2	SK40-2/16-200 ER25	2-16	42	AD/B	200	
42.1032.70.2	SK40-2/20-70 ER32	2-20	50	AD/B	70	
42.1032.100.2	SK40-2/20-100 ER32	2-20	50	AD/B	100	
42.1032.160.2	SK40-2/20-160 ER32	2-20	50	AD/B	160	
42.1032.200.2	SK40-2/20-200 ER32	2-20	50	AD/B	200	
42.1040.80.2	SK40-3/26-80 ER40	3-26	63	AD/B	80	
42.1040.100.2	SK40-3/26-100 ER40	3-26	63	AD/B	100	
42.1040.160.2	SK40-3/26-160 ER40	3-26	63	AD/B	160	
42.1040.200.2	SK40-3/26-200 ER40	3-26	63	AD/B	200	
52.1016.100.2	SK50-1/10-100 ER16	1-10	32	AD/B	100	
52.1016.160.2	SK50-1/10-160 ER16	1-10	32	AD/B	160	
52.1025.60.2	SK50-2/16-60 ER25	2-16	42	AD/B	60	
52.1025.100.2	SK50-2/16-100 ER25	2-16	42	AD/B	100	
52.1025.160.2	SK50-2/16-160 ER25	2-16	42	AD/B	160	
52.1025.200.2	SK50-1/16-200 ER25	2-16	42	AD/B	200	
52.1032.70.2	SK50-2/20-70 ER32	2-20	50	AD/B	70	

Collet Chuck ER / SK-ER弹簧夹头刀柄(高精度 AD/B)


G6.3 12,000min⁻¹

↗ ≤ 0.003

SK-ER弹簧夹头刀柄

Order No. 货号	Size 规格	Capacity 夹持范围	D 螺帽外径	Cooling 冷却方式	A 有效长度
52.1032.100.2	SK50-2/20-100 ER32	2-20	50	AD/B	100
52.1032.160.2	SK50-2/20-160 ER32	2-20	50	AD/B	160
52.1032.200.2	SK50-2/20-200 ER32	2-20	50	AD/B	200
52.1040.80.2	SK50-3/26-80 ER40	3-26	63	AD/B	80
52.1040.100.2	SK50-3/26-100 ER40	3-26	63	AD/B	100
52.1040.160.2	SK50-3/26-160 ER40	3-26	63	AD/B	160
52.1040.200.2	SK50-3/26-200 ER40	3-26	63	AD/B	200
52.1050.80.2	SK50-10/34-80 ER50	10-34	78	AD/B	80

应用范围: 配DIN6499弹簧夹头可夹持各种尺寸圆柱柄刀具

交货内容: 标准螺帽

相关配件: ER弹簧夹头、扳手、拉钉

Use: For clamping tools with cylindrical shank in collets of DIN 6499

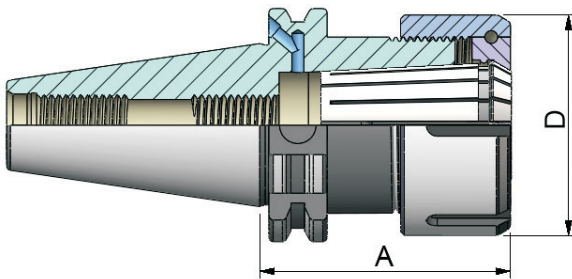
Delivery range: Locknut

Accessories: Ercollects、wrench、rivet



TOOL HOLDER DIN 69871

Collet Chuck OZ / SK-OZ弹簧夹头刀柄



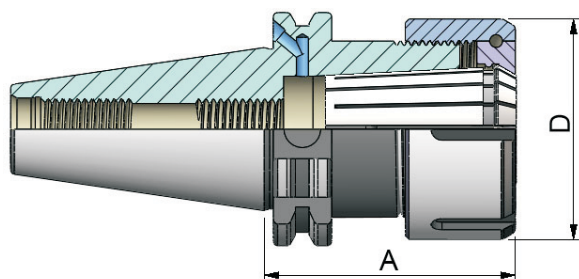
G6.3 12,000min⁻¹

≤ 0.003

SK-OZ弹簧夹头刀柄

Order No. 货号	Size 规格	Capacity 夹持范围	D 螺帽外径	Cooling 冷却方式	A 有效长度	
32.1116.60.1	SK30-2/16-60 OZ16	2-16	43	AD	60	
32.1125.80.1	SK30-2/25-80 OZ25	2-25	60	AD	80	
42.1116.70.2	SK40-2/16-70 OZ16	2-16	43	AD/B	70	
42.1116.100.2	SK40-2/16-100 OZ16	2-16	43	AD/B	100	
42.1116.160.2	SK40-2/16-160 OZ16	2-16	43	AD/B	160	
42.1116.200.2	SK40-2/16-200 OZ16	2-16	43	AD/B	200	
42.1125.70.2	SK40-2/25-70 OZ25	2-25	60	AD/B	70	
42.1125.100.2	SK40-2/25-100 OZ25	2-25	60	AD/B	100	
42.1125.160.2	SK40-2/25-160 OZ25	2-25	60	AD/B	160	
42.1125.200.2	SK40-2/25-200 OZ25	2-25	60	AD/B	200	
42.1132.90.2	SK40-3/32-90 OZ32	3-32	72	AD/B	90	
52.1116.70.2	SK50-2/16-70 OZ16	2-16	43	AD/B	70	
52.1116.100.2	SK50-2/16-100 OZ16	2-16	43	AD/B	100	
52.1116.160.2	SK50-2/16-160 OZ16	2-16	43	AD/B	160	
52.1116.200.2	SK50-2/16-200 OZ16	2-16	43	AD/B	200	
52.1125.70.2	SK50-2/25-70 OZ25	2-25	60	AD/B	70	
52.1125.100.2	SK50-2/25-100 OZ25	2-25	60	AD/B	100	
52.1125.160.2	SK50-2/25-160 OZ25	2-25	60	AD/B	160	
52.1125.200.2	SK50-2/25-200 OZ25	2-25	60	AD/B	200	
52.1132.80.2	SK50-3/32-80 OZ32	3-32	72	AD/B	80	
52.1132.100.2	SK50-3/32-100 OZ32	3-32	72	AD/B	100	

Collet Chuck OZ / SK-OZ弹簧夹头刀柄



G6.3 12,000min⁻¹

↗ ≤ 0.003

SK-OZ弹簧夹头刀柄

Order No. 货号	Size 规格	Capacity 夹持范围	D 螺帽外径	Cooling 冷却方式	A 有效长度	
52.1132.160.2	SK50-3/32-160 OZ32	3-32	72	AD/B	160	
52.1140.90.2	SK50-6/40-90 OZ40	6-40	85	AD/B	90	
52.1140.160.2	SK50-6/40-160 OZ40	6-40	85	AD/B	160	

应用范围: 配DIN6388 OZ弹簧夹头可夹持各种
尺寸圆柱柄刀具,用于中心及法兰
通水高精密加工
交货内容: OZ螺帽(经动平衡处理)
相关配件: OZ弹簧夹头、扳手、拉钉

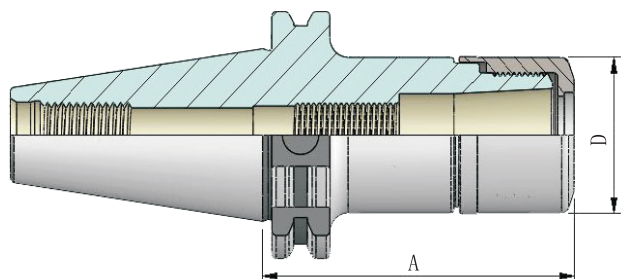
Use: For clamping tools with cylindrical shank in
collets of DIN6388
Delivery range: Ball bearing locknut (balanced)
Accessories: OZcollets、wrench、rivet





TOOL HOLDER DIN 69871

HPS Collet Chuck / SK-HPS弹簧夹头刀柄



G6.3 12,000min⁻¹

≤ 0.003

SK-HPS弹簧夹头刀柄

Order No. 货号	Size 规格	Capacity 夹持范围	D	Cooling 冷却方式	A 有效长度	
32.1210.60.1	SK30-3/10-60 HPS10	3-10	27.5	AD	60	
32.1210.90.1	SK30-3/10-90 HPS10	3-10	40	AD	90	
32.1216.60.1	SK30-4/16-60 HPS16	4-16	27.5	AD	60	
32.1216.90.1	SK30-4/16-90 HPS16	4-16	40	AD	90	
42.1210.60.1	SK40-3/10-60 HPS10	3-10	27.5	AD	60	
42.1210.90.1	SK40-3/10-90 HPS10	3-10	27.5	AD	90	
42.1210.120.1	SK40-3/10-120 HPS10	3-10	27.5	AD	120	
42.1216.60.1	SK40-4/16-60 HPS16	4-16	40	AD	60	
42.1216.90.1	SK40-4/16-90 HPS16	4-16	40	AD	90	
42.1216.120.1	SK40-4/16-120 HPS16	4-16	40	AD	120	
52.1210.105.1	SK50-3/10-105 HPS10	3-10	27.5	AD	105	
52.1210.135.1	SK50-3/10-135 HPS10	3-10	27.5	AD	135	
52.1210.165.1	SK50-3/10-165 HPS10	3-10	27.5	AD	165	
52.1216.105.1	SK50-4/16-105 HPS16	4-16	40	AD	105	
52.1216.135.1	SK50-4/16-135 HPS16	4-16	40	AD	135	
52.1216.165.1	SK50-4/16-165 HPS16	4-16	40	AD	165	

应用范围: 配HPS弹簧夹头可夹持各种尺寸圆柱柄刀具

用于高速及高精度加工

交货内容: 标准螺帽 (经动平衡处理)

相关配件: HPS弹簧夹头、HPS扳手、螺钉

Use: For mounting straight-shank tools in collets, To use for high speed cutting and high precision milling

Delivery range: Locknut (balanced)

Accessories: HPScollets、HPS collect extractor、wrench、rivet



6.12-6.13



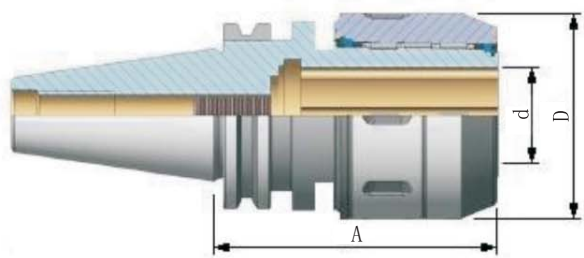
6.14



6.16

DIN 69871

Precision Milling Chuck / SK-强力铣刀柄



G6.3 8,000min⁻¹

3Xd ↗ ≤ 0.01

SK-强力铣刀柄

Order No. 货号	Size 规格	d	D	Cooling 冷却方式	A 有效长度
32.1320.85	SK30-20-85	20	53	A	85
32.1332.105	SK30-32-105	32	70	A	105
42.1320.90	SK40-20-90	20	53	A	90
42.1332.85	SK40-32-85	32	70	A	85
42.1332.105	SK40-32-105	32	70	A	105
42.1332.135	SK40-32-135	32	70	A	135
52.1320.90	SK50-20-90	20	53	A	90
52.1332.105	SK50-32-105	32	70	A	105
52.1332.135	SK50-32-135	32	70	A	135
52.1332.150	SK50-32-150	32	70	A	150
52.1342.135	SK50-42-135	42	95	A	135

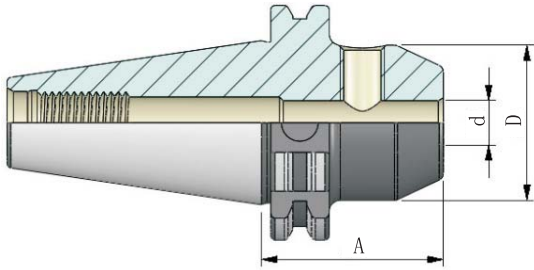
应用范围: 配直筒型高精密弹簧夹头可夹持各种尺寸圆柱柄刀具
相关配件: 直筒型精密弹簧夹头、拉钉、扳手

Use: For mounting straight-shank tools in collets, To use for high speed cutting and high precision milling
Accessories: precision straight collects, rivet



TOOL HOLDER DIN 69871

Weldon Toolholder / SK-侧固式铣刀柄

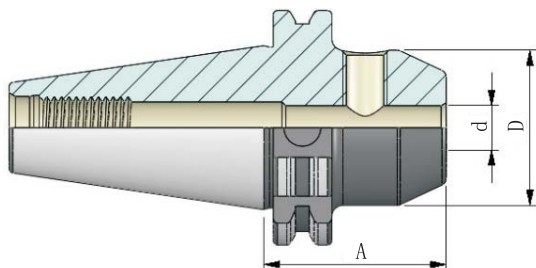


G6.3 12,000min⁻¹

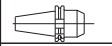
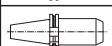
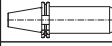
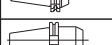
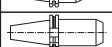
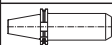
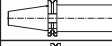
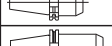
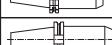
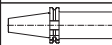
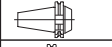
≤ 0.003

SK-侧固式铣刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	Cooling 冷却方式	A 有效长度	
32.2006.50.1	SK30-06-50	6	25	AD	50	
32.2008.50.1	SK30-08-50	8	28	AD	50	
32.2010.50.1	SK30-10-50	10	35	AD	50	
32.2012.50.1	SK30-12-50	12	42	AD	50	
32.2014.63.1	SK30-14-63	14	44	AD	63	
32.2016.63.1	SK30-16-63	16	48	AD	63	
32.2018.63.1	SK30-18-63	18	50	AD	63	
32.2020.70.1	SK30-20-70	20	52	AD	70	
42.2006.50.1	SK40-06-50	6	25	AD	50	
42.2006.100.1	SK40-06-100	6	25	AD	100	
42.2006.125.1	SK40-06-125	6	25	AD	125	
42.2006.160.1	SK40-06-160	6	25	AD	160	
42.2006.200.1	SK40-06-200	6	25	AD	200	
42.2008.50.1	SK40-08-50	8	28	AD	50	
42.2008.100.1	SK40-08-100	8	28	AD	100	
42.2008.125.1	SK40-08-125	8	28	AD	125	
42.2008.160.1	SK40-08-160	8	28	AD	160	
42.2008.200.1	SK40-08-200	8	28	AD	200	
42.2010.50.1	SK40-10-50	10	35	AD	50	
42.2010.100.1	SK40-10-100	10	35	AD	100	
42.2010.125.1	SK40-10-125	10	35	AD	125	
42.2010.160.1	SK50-10-160	10	35	AD	160	

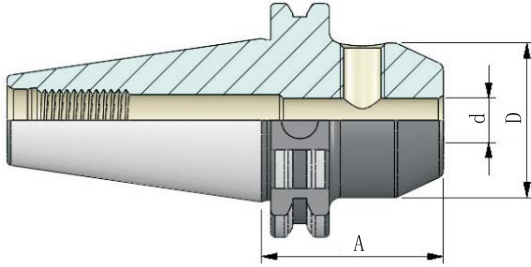
Weldon Toolholder / SK-侧固式铣刀柄

G6.3 12,000min⁻¹
 ≤ 0.003

SK-侧固式铣刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	Cooling 冷却方式		A 有效长度
42.2010.200.1	SK40-10-200	10	35	AD	200	
42.2012.50.1	SK40-12-50	12	42	AD	50	
42.2012.100.1	SK40-12-100	12	42	AD	100	
42.2012.125.1	SK40-12-125	12	42	AD	125	
42.2012.160.1	SK40-12-160	12	42	AD	160	
42.2012.200.1	SK40-12-200	12	42	AD	200	
42.2014.50.1	SK40-14-50	14	44	AD	50	
42.2014.100.1	SK40-14-100	14	44	AD	100	
42.2014.125.1	SK40-14-125	14	44	AD	125	
42.2014.160.1	SK40-14-160	14	44	AD	160	
42.2014.200.1	SK40-14-200	14	44	AD	200	
42.2016.35.1	SK40-16-35	16	48	AD	35	
42.2016.63.1	SK40-16-63	16	48	AD	63	
42.2016.100.1	SK40-16-100	16	48	AD	100	
42.2016.125.1	SK50-16-125	16	48	AD	125	
42.2016.160.1	SK40-16-160	16	48	AD	160	
42.2016.200.1	SK40-16-200	16	50	AD	200	
42.2018.63.1	SK40-18-63	18	50	AD	63	
42.2018.100.1	SK40-18-100	18	50	AD	100	
42.2018.125.1	SK40-18-125	18	50	AD	125	
42.2018.160.1	SK40-18-160	18	50	AD	160	
42.2018.200.1	SK40-18-200	18	50	AD	200	
42.2020.35.1	SK40-20-35	20	52	AD	35	
42.2020.63.1	SK40-20-63	20	52	AD	63	

TOOL HOLDER DIN 69871

Weldon Toolholder / SK-侧固式铣刀柄



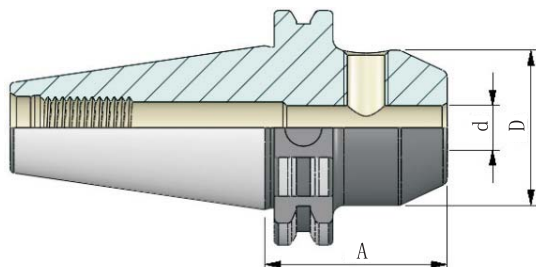
G6.3 12,000min⁻¹



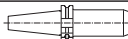
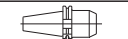
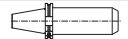
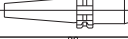
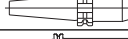
≤ 0.003

SK-侧固式铣刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	Cooling 冷却方式		A 有效长度
42.2020.100.1	SK40-20-100	20	52	AD	100	
42.2020.125.1	SK40-20-125	20	52	AD	125	
42.2020.160.1	SK40-20-160	20	52	AD	160	
42.2020.200.1	SK40-20-200	20	52	AD	200	
42.2025.35.1	SK40-25-35	25	65	AD	35	
42.2025.100.1	SK40-25-100	25	65	AD	100	
42.2025.125.1	SK40-25-125	25	65	AD	125	
42.2025.160.1	SK40-25-160	25	65	AD	160	
42.2025.200.1	SK40-25-200	25	65	AD	200	
42.2032.65.1	SK40-32-65	32	50	AD	65	
42.2032.100.1	SK40-32-100	32	72	AD	100	
42.2032.160.1	SK40-32-160	32	72	AD	160	
42.2032.200.1	SK40-32-200	32	72	AD	200	
42.2040.120.1	SK40-40-120	40	80	AD	120	
42.2050.130.1	SK40-50-130	40	80	AD	130	
52.2006.63.1	SK50-06-63	6	25	AD	63	
52.2006.100.1	SK50-06-100	6	25	AD	100	
52.2006.125.1	SK50-06-125	6	25	AD	125	
52.2006.160.1	SK50-06-160	6	25	AD	160	
52.2006.200.1	SK50-06-200	6	25	AD	200	
52.2008.63.1	SK50-08-63	8	28	AD	63	
52.2008.100.1	SK50-08-100	8	28	AD	100	
52.2008.125.1	SK50-08-125	8	28	AD	125	

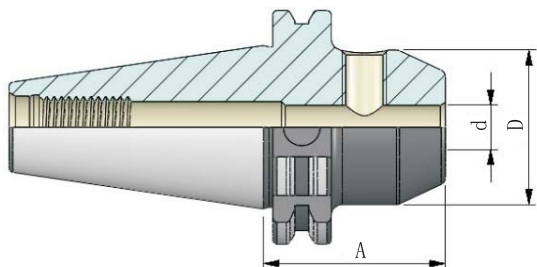
Weldon Toolholder / SK-侧固式铣刀柄

G6.3 12,000min⁻¹
 ≤ 0.003

SK-侧固式铣刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	Cooling 冷却方式		A 有效长度
52.2008.160.1	SK50-08-160	8	28	AD	160	
52.2008.200.1	SK50-08-200	8	28	AD	200	
52.2010.63.1	SK50-10-63	10	35	AD	63	
52.2010.100.1	SK50-10-100	10	35	AD	100	
52.2010.125.1	SK50-10-125	10	35	AD	125	
52.2010.160.1	SK50-10-160	10	35	AD	160	
52.2010.200.1	SK50-10-200	10	35	AD	200	
52.2012.63.1	SK50-12-63	12	42	AD	63	
52.2012.100.1	SK50-12-100	12	42	AD	100	
52.2012.125.1	SK50-12-125	12	42	AD	125	
52.2012.160.1	SK50-12-160	12	42	AD	160	
52.2012.200.1	SK50-12-200	12	42	AD	200	
52.2014.63.1	SK50-14-63	14	44	AD	63	
52.2014.100.1	SK50-14-100	14	44	AD	100	
52.2014.125.1	SK50-14-125	14	44	AD	125	
52.2014.160.1	SK50-14-160	14	44	AD	160	
52.2014.200.1	SK50-14-200	14	44	AD	200	
52.2016.63.1	SK50-16-63	16	48	AD	63	
52.2016.100.1	SK50-16-100	16	48	AD	100	
52.2016.125.1	SK50-16-125	16	48	AD	125	
52.2016.160.1	SK50-16-160	16	48	AD	160	
52.2016.200.1	SK50-16-200	16	48	AD	200	
52.2018.63.1	SK50-18-63	18	50	AD	63	
52.2018.100.1	SK50-18-100	18	50	AD	100	

TOOL HOLDER DIN 69871

Weldon Toolholder / SK-侧固式铣刀柄



G6.3 12,000min⁻¹

≤ 0.003

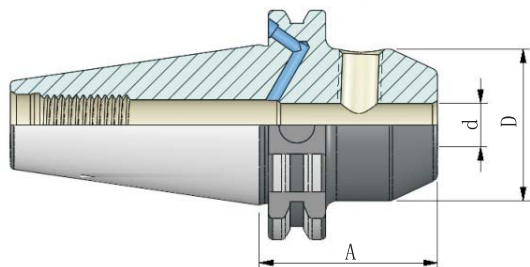
SK-侧固式铣刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	Cooling 冷却方式	A 有效长度
52.2018.125.1	SK50-18-125	18	50	AD	125
52.2018.160.1	SK50-18-160	18	50	AD	160
52.2018.200.1	SK50-18-200	18	50	AD	200
52.2020.63.1	SK50-20-63	20	52	AD	63
52.2020.100.1	SK50-20-100	20	52	AD	100
52.2020.125.1	SK50-20-125	20	52	AD	125
52.2020.160.1	SK50-20-160	20	52	AD	160
52.2020.200.1	SK50-20-200	20	52	AD	200
52.2025.125.1	SK50-25-125	25	65	AD	125
52.2025.160.1	SK50-25-160	25	65	AD	160
52.2025.200.1	SK50-25-200	25	65	AD	200
52.2032.100.1	SK50-32-100	32	72	AD	100
52.2032.125.1	SK50-32-125	32	72	AD	125
52.2032.160.1	SK50-32-160	32	72	AD	160
52.2032.200.1	SK50-32-200	32	72	AD	200
52.2040.125.1	SK50-40-125	40	80	AD	125
52.2040.160.1	SK50-40-160	40	80	AD	160
52.2040.200.1	SK50-40-200	40	80	AD	200

应用范围: 适用于夹持DIN1835-B及DIN6535-HB具有侧固平面的刀具, 夹持直径d≥25, 由两支螺栓固定刀具
 交货内容: 压紧螺栓
 相关配件: 拉钉

Use: For clamping cutters with cylindrical shank and inclined flat of DIN1835-B and DIN6535-HB
 For d≥25 two clamping screws
 Delivery range: clamping screw
 Accessories: revit



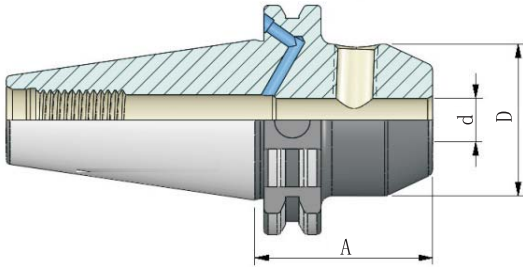
Weldon Toolholder / SK-侧固式铣刀柄(高精密AD/B)

G6.3 12000min⁻¹
 ≤ 0.003

SK-侧固式铣刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	Cooling 冷却方式	A 有效长度	
42.2006.50.2	SK40-06-50	6	25	AD/B	50	
42.2006.100.2	SK40-06-100	6	25	AD/B	100	
42.2006.160.2	SK40-06-160	6	25	AD/B	160	
42.2008.50.2	SK40-08-50	8	28	AD/B	50	
42.2008.100.2	SK40-08-100	8	28	AD/B	100	
42.2008.160.2	SK40-08-160	8	28	AD/B	160	
42.2010.50.2	SK40-10-50	10	35	AD/B	50	
42.2010.100.2	SK40-10-100	10	35	AD/B	100	
42.2010.160.2	SK50-10-160	10	35	AD/B	160	
42.2012.50.2	SK40-12-50	12	42	AD/B	50	
42.2012.100.2	SK40-12-100	12	42	AD/B	100	
42.2012.160.2	SK40-12-160	12	42	AD/B	160	
42.2014.50.2	SK40-14-50	14	44	AD/B	50	
42.2014.100.2	SK40-14-100	14	44	AD/B	100	
42.2014.160.2	SK40-14-160	14	44	AD/B	160	
42.2016.35.2	SK40-16-35	16	48	AD/B	35	
42.2016.63.2	SK40-16-63	16	48	AD/B	63	
42.2016.100.2	SK40-16-100	16	48	AD/B	100	
42.2016.160.2	SK40-16-160	16	48	AD/B	160	
42.2018.63.2	SK40-18-63	18	50	AD/B	63	
42.2018.100.2	SK40-18-100	18	50	AD/B	100	
42.2018.160.2	SK40-18-160	18	50	AD/B	160	

TOOL HOLDER DIN 69871

Weldon Toolholder / SK-侧固式铣刀柄(高精密AD/B)

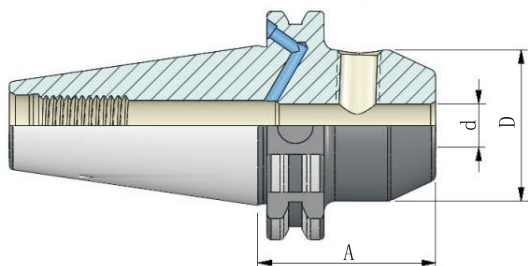


G6.3 12,000min⁻¹

↗ ≤ 0.003

SK-侧固式铣刀柄

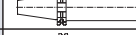
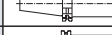
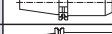
Order No. 货号	Size 规格	d 夹持直径	D 外径	Cooling 冷却方式	A 有效长度	
42.2020.35.2	SK40-20-35	20	52	AD/B	35	
42.2020.63.2	SK40-20-63	20	52	AD/B	63	
42.2020.100.2	SK40-20-100	20	52	AD/B	100	
42.2020.160.2	SK40-20-160	20	52	AD/B	160	
42.2025.35.2	SK40-25-35	25	65	AD/B	35	
42.2025.100.2	SK40-25-100	25	65	AD/B	100	
42.2025.160.2	SK40-25-160	25	65	AD/B	160	
42.2032.65.2	SK40-32-65	32	50	AD/B	65	
42.2032.100.2	SK40-32-100	32	72	AD/B	100	
42.2032.160.2	SK40-32-160	32	72	AD/B	160	
42.2040.120.2	SK40-40-120	40	63	AD/B	120	
52.2006.63.2	SK50-06-63	6	25	AD/B	63	
52.2006.100.2	SK50-06-100	6	25	AD/B	100	
52.2006.160.2	SK50-06-160	6	25	AD/B	160	
52.2008.63.2	SK50-08-63	8	28	AD/B	63	
52.2008.100.2	SK50-08-100	8	28	AD/B	100	
52.2008.160.2	SK50-08-160	8	28	AD/B	160	
52.2010.63.2	SK50-10-63	10	35	AD/B	63	
52.2010.100.2	SK50-10-100	10	35	AD/B	100	
52.2010.160.2	SK50-10-160	10	35	AD/B	160	
52.2012.63.2	SK50-12-63	12	42	AD/B	63	
52.2012.100.2	SK50-12-100	12	42	AD/B	100	

Weldon Toolholder / SK-侧固式铣刀柄(高精AD/B)


G6.3 12,000min⁻¹

↗ ≤ 0.003

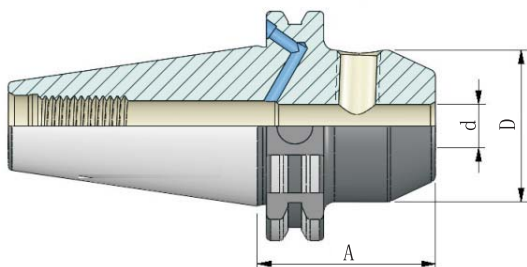
SK-侧固式铣刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	Cooling 冷却方式		A 有效长度
52.2012.160.2	SK50-12-160	12	42	AD/B	160	
52.2014.63.2	SK50-14-63	14	44	AD/B	63	
52.2014.100.2	SK50-14-100	14	44	AD/B	100	
52.2014.160.2	SK50-14-160	14	44	AD/B	160	
52.2016.63.2	SK50-16-63	16	48	AD/B	63	
52.2016.100.2	SK50-16-100	16	48	AD/B	100	
52.2016.160.2	SK50-16-160	16	48	AD/B	160	
52.2018.63.2	SK50-18-63	18	50	AD/B	63	
52.2018.100.2	SK50-18-100	18	50	AD/B	100	
52.2018.160.2	SK50-18-160	18	50	AD/B	160	
52.2020.63.2	SK50-20-63	20	52	AD/B	63	
52.2020.100.2	SK50-20-100	20	52	AD/B	100	
52.2020.160.2	SK50-20-160	20	52	AD/B	160	
52.2025.80.2	SK50-25-80	25	65	AD/B	80	
52.2025.120.2	SK50-25-120	25	65	AD/B	120	
52.2025.160.2	SK50-25-160	25	65	AD/B	160	
52.2032.100.2	SK50-32-100	32	72	AD/B	100	
52.2032.160.2	SK50-32-160	32	72	AD/B	160	
52.2040.100.2	SK40-40-100	40	80	AD/B	100	
52.2040.160.2	SK40-40-160	40	80	AD/B	160	



TOOL HOLDER DIN 69871

Weldon Toolholder / SK-侧固式铣刀柄(高精度AD/B)



G6.3 12,000min⁻¹

↗ ≤ 0.003

SK-侧固式铣刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	Cooling 冷却方式	A 有效长度
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DIN 69871

应用范围: 适用于夹持DIN1835-B及DIN6535-HB
具有侧固平面的刀具用于中心及法兰
通水高精度加工
夹持直径 $d \geq 25$,由两支螺栓固定刀具

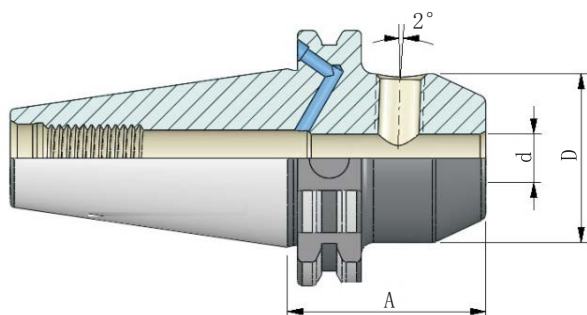
交货内容: 压紧螺栓
相关配件: 拉钉

Use: For clamping cutters with cylindrical shank and
inclined flat of DIN1835-B and DIN6535-HB
For $d \geq 25$ two clamping screws
Delivery range: clamping screw
Accessories: revit



6.16

Whistle Notch Toolholder / SK40-斜2° 侧固式铣刀柄(高精AD/B)



G6.3 12,000min⁻¹

↗ ≤ 0.003

SK-斜2° 侧固式铣刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	Cooling 冷却方式	A 有效长度
42.2106.50.2	SK40-6-50	6	25	AD/B	50
42.2108.50.2	SK40-8-50	8	28	AD/B	50
42.2110.50.2	SK40-10-50	10	35	AD/B	50
42.2112.50.2	SK40-12-50	12	42	AD/B	50
42.2114.50.2	SK40-14-50	14	44	AD/B	50
42.2116.63.2	SK40-16-63	16	48	AD/B	63
42.2118.63.2	SK40-18-63	18	50	AD/B	63
42.2120.63.2	SK40-20-63	20	52	AD/B	63
42.2125.100.2	SK40-25-100	25	65	AD/B	100
42.2132.100.2	SK50-32-100	32	72	AD/B	100
42.2140.120.2	SK40-40-120	40	80	AD/B	120

应用范围: 适用于夹持DIN1835-E及DIN6535
-HE具有侧固平面的刀具
用于中心及法兰通水高精度加工
夹持直径d≥25,由两支螺栓固定刀具
交货内容: 压紧螺栓及长度调整螺钉
相关配件: 拉钉

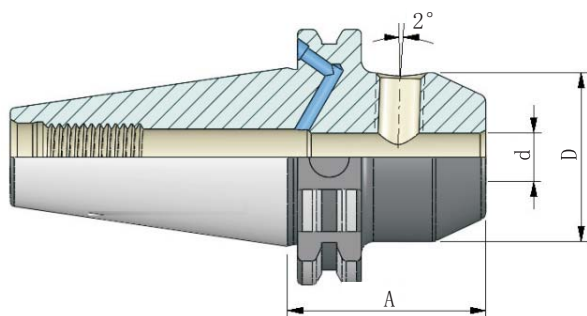
Use: For clamping cutters with cylindrical shank and
inclined flat of DIN1835-E and DIN6535-HE
For d≥25 two clamping screws
Delivery range: With clamping screw and adjusting screw
Accessories: rivet



6.16

TOOL HOLDER DIN 69871

Whistle Notch Toolholder / SK50-斜2° 侧固式铣刀柄(高精密AD/B)



G6.3 12,000min⁻¹

↗ ≤ 0.003

SK-斜2° 侧固式铣刀柄

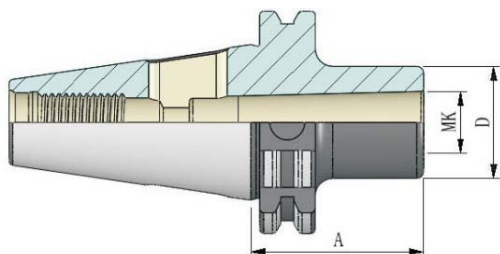
Order No. 货号	Size 规格	d 夹持直径	D 外径	Cooling 冷却方式	A 有效长度
52.2106.63.2	SK50-6-63	6	25	AD/B	63
52.2108.63.2	SK50-8-63	8	28	AD/B	63
52.2110.63.2	SK50-10-63	10	35	AD/B	63
52.2112.63.2	SK50-12-63	12	42	AD/B	63
52.2114.63.2	SK50-14-63	14	44	AD/B	63
52.2116.63.2	SK50-16-63	16	48	AD/B	63
52.2118.63.2	SK50-18-63	18	50	AD/B	63
52.2120.63.2	SK50-20-63	20	52	AD/B	63
52.2125.80.2	SK50-25-80	25	65	AD/B	80
52.2132.100.2	SK50-32-100	32	72	AD/B	100
52.2140.100.2	SK50-40-100	40	80	AD/B	100

应用范围: 适用于夹持DIN1835-E及DIN6535-HE具有侧固平面的刀具
用于中心及法兰通水高精密加工
夹持直径d≥25,由两支螺栓固定刀具
交货内容: 压紧螺栓及长度调整螺钉
相关配件: 拉钉

Use: For clamping cutters with cylindrical shank and inclined flat of DIN1835-E and DIN6535-HE
Form d=25 on two clamping screws
Delivery range: With clamping screw and adjusting screw
Accessories: rivet



Morse Taper Toolholder / SK-带扁尾莫氏刀柄



G6.3 8,000min⁻¹

≤ 0.005

SK-带扁尾莫氏刀柄

Order No. 货号	Size 规格	MK 莫氏锥度	D 外径	Cooling 冷却方式	A 有效长度
32.3001.50.1	SK30-1-50	MK1	25	AD	50
32.3002.65.1	SK30-2-65	MK2	32	AD	65
32.3003.80.1	SK30-3-80	MK3	40	AD	80
42.3001.50.1	SK40-1-50	MK1	25	AD	50
42.3002.50.1	SK40-2-50	MK2	32	AD	50
42.3002.117.1	SK40-2-117	MK2	32	AD	117
42.3003.70.1	SK40-3-70	MK3	40	AD	70
42.3003.133.1	SK40-3-133	MK3	40	AD	133
42.3004.95.1	SK40-4-95	MK4	48	AD	95
42.3004.156.1	SK40-4-156	MK4	48	AD	156

应用范围: 适用于夹持DIN228-1B型带扁尾莫氏柄刀具

相关配件: 拉钉

Use: For holding tools with Morse tapers and tang according to DIN228-1 form B

Accessories: drift, rivet

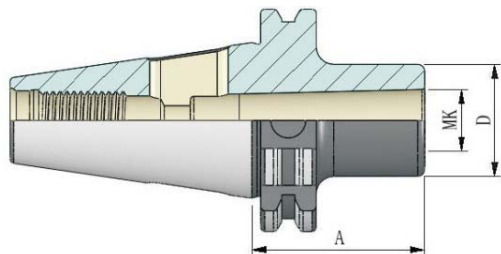


6.16



TOOL HOLDER DIN 69871

Morse Taper Toolholder / SK-带扁尾莫氏刀柄



G6.3 8,000min⁻¹

≤ 0.005

SK-带扁尾莫氏刀柄

Order No. 货号	Size 规格	MK 莫氏锥度	D 外径	Cooling 冷却方式	A 有效长度
52.3001.45.1	SK50-1-45	MK1	25	AD	45
52.3002.60.1	SK50-2-60	MK2	32	AD	60
52.3002.117.1	SK50-2-117	MK2	32	AD	117
52.3003.65.1	SK50-3-65	MK3	40	AD	65
52.3003.137.1	SK50-3-137	MK3	40	AD	137
52.3004.95.1	SK50-4-95	MK4	48	AD	95
52.3004.167.1	SK50-4-167	MK4	48	AD	167
52.3005.105.1	SK50-5-105	MK5	63	AD	105
52.3005.197.1	SK50-5-197	MK5	63	AD	197

应用范围: 适用于夹持DIN228-1B型带扁尾莫氏柄刀具

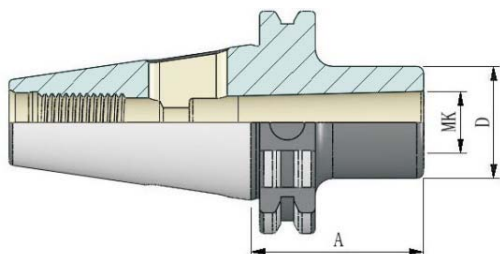
相关配件: 拉钉



Use: For holding tools with Morse tapers and tang according to DIN228-1 form B
Accessories: drift、rivet

DIN 69871

Morse Taper Toolholder / SK-带扁尾莫氏刀柄(高精度 AD/B)



G6.3 12,000min⁻¹

↗ ≤ 0.005

SK-带扁尾莫氏刀柄

Order No. 货号	Size 规格	MK 莫氏锥度	D 外径	Cooling 冷却方式	A 有效长度
32.3001.50.2	SK30-1-50	MK1	25	AD/B	50
32.3002.65.2	SK30-2-65	MK2	32	AD/B	65
32.3003.80.2	SK30-3-80	MK3	40	AD/B	80
42.3001.50.2	SK40-1-50	MK1	25	AD/B	50
42.3002.50.2	SK40-2-50	MK2	32	AD/B	50
42.3002.117.2	SK40-2-117	MK2	32	AD/B	117
42.3003.70.2	SK40-3-70	MK3	40	AD/B	70
42.3003.133.2	SK40-3-133	MK3	40	AD/B	133
42.3004.95.2	SK40-4-95	MK4	48	AD/B	95
42.3004.156.2	SK40-4-156	MK4	48	AD/B	156

应用范围: 适用于夹持DIN228-1B型带扁尾莫氏柄刀具
用于中心及法兰通水, 高精度加工
相关配件: 拉钉

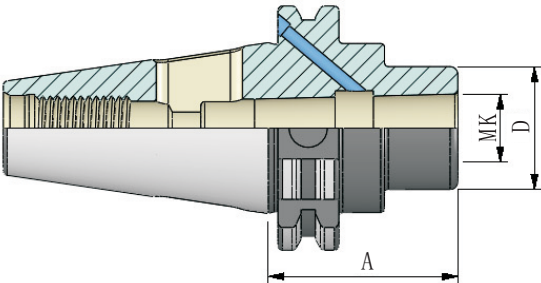
Use: For holding tools with Morse tapers and tang
according to DIN228-1 form B
Accessories: drift, rivet



6.16

TOOL HOLDER DIN 69871

Morse Taper Toolholder / SK-带扁尾莫氏刀柄(高精密 AD/B)



G6. 3 12,000min⁻¹

↗ ≤ 0.005

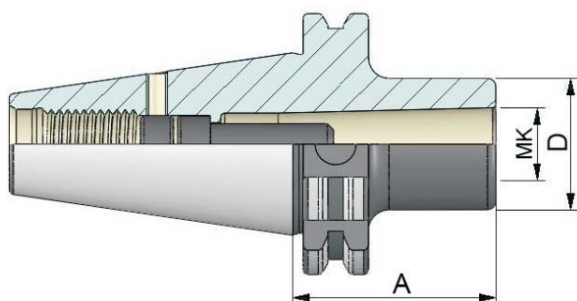
SK-带扁尾莫氏刀柄

Order No. 货号	Size 规格	MK 莫氏锥度	D 外径	Cooling 冷却方式	A 有效长度	
52.3001.45.2	SK50-1-45	MK1	25	AD/B	45	
52.3002.60.2	SK50-2-60	MK2	32	AD/B	60	
52.3002.117.2	SK50-2-117	MK2	32	AD/B	117	
52.3003.65.2	SK50-3-65	MK3	40	AD/B	65	
52.3003.137.2	SK50-3-137	MK3	40	AD/B	137	
52.3004.95.2	SK50-4-95	MK4	48	AD/B	95	
52.3004.167.2	SK50-4-167	MK4	48	AD/B	167	
52.3005.105.2	SK50-5-105	MK5	63	AD/B	105	
52.3005.197.2	SK50-5-197	MK5	63	AD/B	197	

应用范围: 适用于夹持DIN228-1B型带扁尾莫氏柄刀具
用于中心及法兰通水,高精密加工
相关配件: 拉钉

Use: For holding tools with Morse tapers and tang
according to DIN228-1 form B
Accessories: drift、rivet



Morse Taper With Drawbar Thread Toolholder / SK-带螺纹孔莫氏刀柄


G6.3 12,000min⁻¹

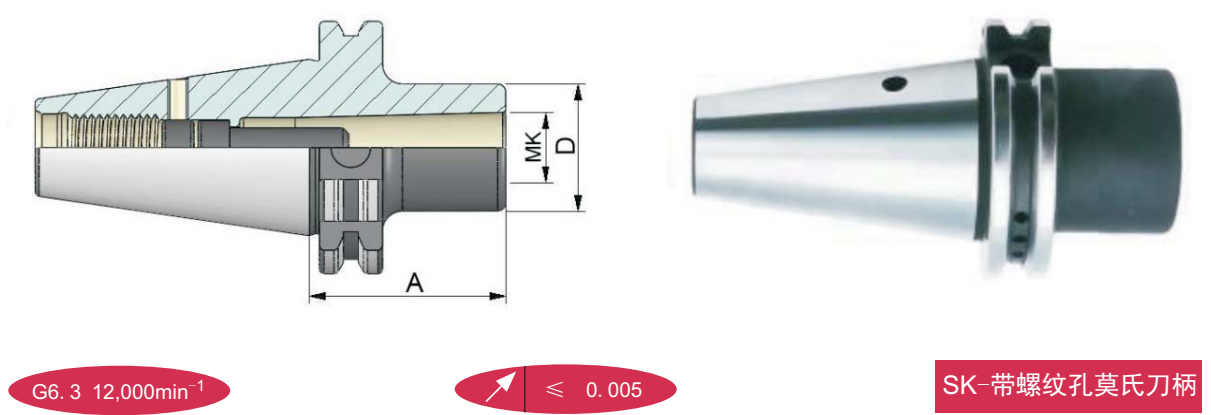
↗ ≤ 0.005

SK-带螺纹莫氏孔刀柄

Order No. 货号	Size 规格	MK 莫氏锥度	D 外径	Cooling 冷却方式	A 有效长度	
32.3101.50	SK30-1-50	MK1	25	A	50	
32.3102.50	SK30-2-50	MK2	32	A	50	
32.3103.100	SK30-3-100	MK3	40	A	100	
42.3101.50	SK40-1-50	MK1	25	A	50	
42.3102.50	SK40-2-50	MK2	32	A	50	
42.3103.70	SK40-3-70	MK3	40	A	70	
42.3104.95	SK40-4-95	MK4	48	A	95	
42.3104.110	SK40-4-110	MK4	48	A	110	
52.3101.45	SK50-1-45	MK1	25	A	45	
52.3102.60	SK50-2-60	MK2	32	A	60	
52.3102.100	SK50-2-100	MK2	32	A	100	
52.3102.160	SK50-2-160	MK2	32	A	160	
52.3103.65	SK50-3-65	MK3	40	A	65	
52.3103.160	SK50-3-160	MK3	40	A	160	
52.3103.200	SK50-3-200	MK3	40	A	200	
52.3104.70	SK50-4-70	MK4	48	A	70	
52.3104.85	SK50-4-85	MK4	63	A	85	
52.3104.160	SK50-4-160	MK4	48	A	160	
52.3104.200	SK50-4-200	MK4	48	A	200	
52.3105.100	SK50-5-100	MK5	63	A	100	
52.3105.118	SK50-5-118	MK5	78	A	118	
52.3105.160	SK50-5-160	MK5	78	A	160	
52.3105.200	SK50-5-200	MK5	78	A	200	

TOOL HOLDER DIN 69871

Morse Taper With Drawbar Thread Toolholder / SK-带螺纹孔莫氏刀柄

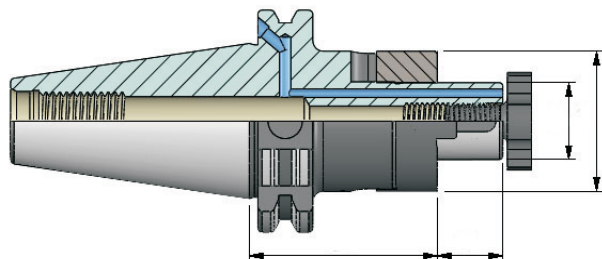


Order No. 货号	Size 规格	MK 莫氏锥度	D 外径	Cooling 冷却方式	A 有效长度
62.3101.70	SK60-1-70	MK1	25	A	70
62.3102.70	SK60-2-70	MK2	32	A	70
62.3103.70	SK60-3-70	MK3	40	A	70
62.3104.70	SK60-4-70	MK4	63	A	70
62.3105.98	SK60-5-98	MK5	78	A	98
62.3106.120	SK60-6-120	MK6	80	A	120

应用范围: 适用于夹持DIN228-1A型带内螺纹的莫氏柄刀具
 相关配件: 拉钉



Use: For clamping tools with Morse tapers and drawbar thread according to DIN228-1 form A
 Accessories: rivet

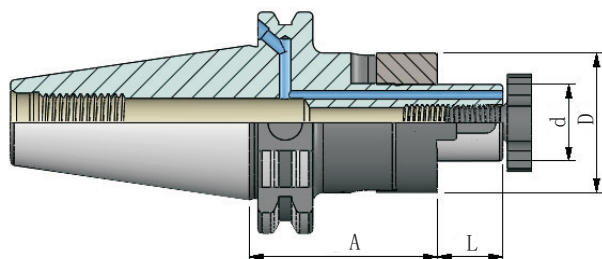
Combi Shell Mill Toolholder / SK-混合式铣刀柄

G6.3 12,000min⁻¹
 ≤ 0.005

SK-混合式铣刀柄

Order No. 货号	Size 规格	d 心轴直径	D 端面直径	L 心轴长度	Cooling 冷却方式		A 有效长度
32.4016.50.1	SK30-16-50	16	32	17	AD	50	
32.4022.50.1	SK30-22-50	22	40	19	AD	50	
32.4027.55.1	SK30-27-55	27	48	21	AD	55	
32.4032.60.1	SK30-32-60	32	58	24	AD	60	
42.4016.55.2	SK40-16-55	16	32	17	AD/B	55	
42.4016.100.2	SK40-16-100	16	32	17	AD/B	100	
42.4022.55.2	SK40-22-55	22	40	19	AD/B	55	
42.4022.100.2	SK40-22-100	22	40	19	AD/B	100	
42.4027.55.2	SK40-27-55	27	48	21	AD/B	55	
42.4027.100.2	SK40-27-100	27	48	21	AD/B	100	
42.4032.60.2	SK40-32-60	32	58	24	AD/B	60	
42.4032.100.2	SK40-32-100	32	58	24	AD/B	100	
42.4040.60.2	SK40-40-60	40	70	27	AD/B	60	
42.4040.100.2	SK40-40-100	40	70	27	AD/B	100	
52.4016.55.2	SK50-16-55	16	32	17	AD/B	55	
52.4016.100.2	SK50-16-100	16	32	17	AD/B	100	
52.4022.55.2	SK50-22-55	22	40	19	AD/B	55	
52.4022.100.2	SK50-22-100	22	40	19	AD/B	100	
52.4027.55.2	SK50-27-55	27	48	21	AD/B	55	

TOOL HOLDER DIN 69871

Combi Shell Mill Toolholder / SK- 混合式铣刀柄



G6.3 12,000min⁻¹



≤ 0.005

SK-混合式铣刀柄

Order No. 货号	Size 规格	d 心轴直径	D 端面直径	L 心轴长度	Cooling 冷却方式	A 有效长度
52.4027.100.2	SK50-27-100	27	48	21	AD/B	100
52.4032.55.2	SK50-32-55	32	58	24	AD/B	55
52.4032.100.2	SK50-32-100	32	58	24	AD/B	100
52.4040.55.2	SK50-40-55	40	70	27	AD/B	55
52.4040.100.2	SK50-40-100	40	70	27	AD/B	100

应用范围: 适用于夹持带轴向或带径向驱动槽的铣刀
如: 套式立铣刀, 面铣刀, 三面刃铣刀
交货内容: 压紧螺栓(经动平衡处理)
相关配件: 压紧螺栓、扳手、拉钉、驱动环

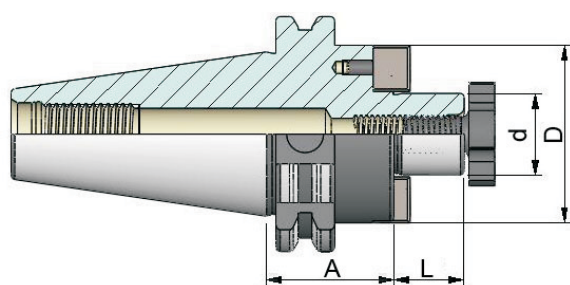
Use: For clamping shell mill DIN841 and DIN1880 as well as angular milling cutter DIN842 and cutter DIN1830

Delivery range: Locknut (balanced)

Accessories: stretching screw, wrench, rivet clutch drive rings



Sell Mill Toolholder / SK-面铣刀柄



G6.3 12,000min⁻¹

≤ 0.005

SK-面铣刀柄

Order No. 货号	Size 规格	d 心轴直径	D 端面直径	L 心轴长度	Cooling 冷却方式	A 有效长度
42.4116.35	SK40-16-35	16	38	17	A	35
42.4116.100	SK40-16-100	16	38	17	A	100
42.4122.35	SK40-22-35	22	48	19	A	35
42.4122.100	SK40-22-100	22	48	19	A	100
42.4127.40	SK40-27-40	27	58	21	A	40
42.4127.100	SK40-27-100	27	58	21	A	100
42.4132.50	SK40-32-50	32	78	24	A	50
42.4132.100	SK40-32-100	32	78	24	A	100
42.4140.50	SK40-40-50	40	88	27	A	50
42.4140.100	SK40-40-100	40	88	27	A	100
52.4122.35	SK50-22-35	22	48	19	A	35
52.4127.40	SK50-27-40	27	58	21	A	40
52.4132.50	SK50-32-50	32	78	24	A	50
52.4140.50	SK50-40-50	40	88	27	A	50
52.4160.70	SK50-60-70	60	129	40	A	70

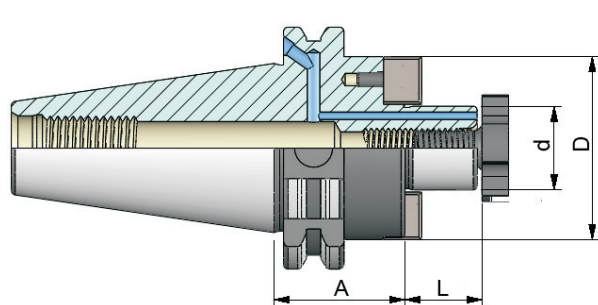
应用范围: 用于夹持带径向驱动槽的铣刀,
相关配件: 压紧螺栓、扳手、拉钉

Use: For holding like shell mill cutters
Accessories: rivet、wrench、stretching screw
clutch drive rings



TOOL HOLDER DIN 69871

Sell Mill Toolholder / SK-面铣刀柄 (高精AD/B)



G6.3 12,000min⁻¹

≤ 0.005

SK-面铣刀柄

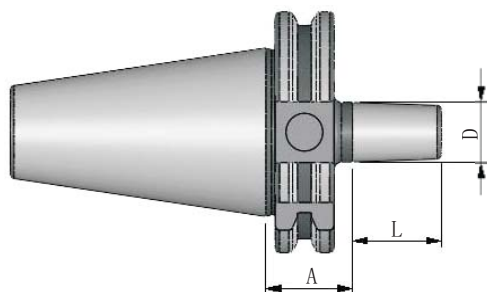
Order No. 货号	Size 规格	d 心轴直径	D 端面直径	L 心轴长度	Cooling 冷却方式	A 有效长度
32.4116.40.1	SK30-16-40	16	38	17	AD	40
32.4122.40.1	SK30-22-40	22	48	19	AD	40
32.4127.50.1	SK30-27-50	27	58	21	AD	50
32.4132.50.1	SK30-32-50	32	78	24	AD	50
42.4116.35.2	SK40-16-35	16	38	17	AD/B	35
42.4122.35.2	SK40-22-35	22	48	19	AD/B	35
42.4127.40.2	SK40-27-40	27	58	21	AD/B	40
42.4132.50.2	SK40-32-50	32	78	24	AD/B	50
42.4140.50.2	SK40-40-50	40	88	27	AD/B	50
52.4122.35.2	SK50-22-35	22	48	19	AD/B	35
52.4127.40.2	SK50-27-40	27	58	21	AD/B	40
52.4132.50.2	SK50-32-50	32	78	24	AD/B	50
52.4140.50.2	SK50-40-50	40	88	27	AD/B	50
52.4160.70.2	SK50-60-70	60	129	40	AD/B	70

应用范围: 用于夹持带径向驱动槽的铣刀,
交货内容: 压紧螺栓(经动平衡处理)
相关配件: 压紧螺栓、扳手、拉钉

Use: For holding like shell mill cutters
Delivery range: Locknut (balanced)
Accessories: rivet, wrench, stretching screw
clutch drive rings



Drill Chuck Adapter / SK-钻夹头基础柄



G6.3 12,000min⁻¹

≤ 0.005

SK-钻夹头基础柄

Order No. 货号	Size 规格	D 心轴直径	L 心轴长度	Cooling 冷却方式	A 有效长度
32.5112.25	SK30-12-25	B12	18.5	A	25
32.5116.25	SK30-16-25	B16	24	A	25
42.5112.25	SK40-12-25	B12	18.5	A	25
42.5116.25	SK40-16-25	B16	24	A	25
42.5118.35	SK40-18-35	B18	32	A	35
52.5116.25	SK50-16-25	B16	24	A	25
52.5118.35	SK50-18-35	B18	32	A	35

应用范围: 适用于与DIN238的三爪钻夹头相配合
相关配件: 钻夹头、拉钉

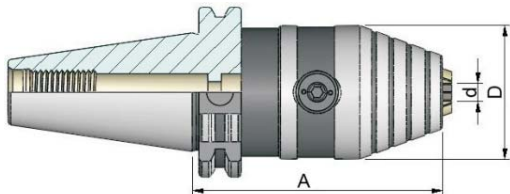
Use: For holding chucks with three jaws e. g.
according to DIN238
Accessories: drill chuch、rivet





TOOL HOLDER DIN 69871

Drill Chucks For Left And Right Rotation / SK-CNC钻夹头刀柄



G6.3 12,000min⁻¹

≤ 0.03

SK-高精度钻夹头刀柄

Order No. 货号	Size 规格	d 夹持直径	D	Cooling 冷却方式	A 有效长度	
32.5008.70.2	SK30-0.5/8-70	0.5-8	36	AD/B	70	
32.5013.111.2	SK30-1.0/13-111	1.0-13	50	AD/B	111	
32.5016.116.2	SK30-2.5/16-116	2.5-16	50	AD/B	116	
42.5008.70.2	SK40-0.5/8-70	0.5-8	36	AD/B	70	
42.5013.90.2	SK40-1/13-90	1.0-13	50	AD/B	90	
42.5016.95.2	SK40-2.5/16-95	2.5-16	50	AD/B	95	
52.5013.90.2	SK50-1.0/13-90	1.0-13	50	AD/B	90	
52.5016.95.2	SK50-2.5/16-95	2.5-16	50	AD/B	95	

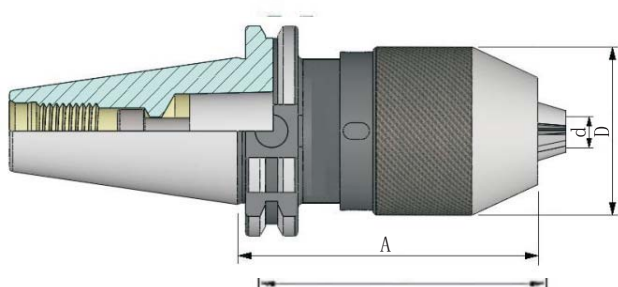
应用范围: 夹持直径为0.5-16mm的钻头, 使用六方
扳手夹紧
相关配件: 拉钉、T型六方扳手

Use: For clamping tools with cylindrical shank,
for left and right hand turn, clamping
and loosening with a hexagon socket wrench.
Accessories: rivet



DIN 69871

One Set Drill Chuck / SK- 自紧式钻夹头刀柄



G6.3 8,000min⁻¹

↗ ≤ 0.03

SK- 自紧式钻夹头刀柄

Order No. 货号	Size 规格	d 夹持范围	D	Cooling 冷却方式	A 有效长度
32.5008.85	SK30-0.5/8-85	0.5-8	36.5	A	85
32.5013.100	SK30-1.0/13-100	1.0-13	55	A	100
42.5008.85	SK40-0.5/8-85	0.5-8	36.5	A	85
42.5013.100	SK40-1.0/13-100	1.0-13	50	A	100
42.5016.110	SK40-3.0/16-110	3.0-16	55	A	110
52.5013.105	SK50-1.0/13-105	1.0-13	50	A	105
52.5016.110	SK50-3.0/16-110	3.0-16	55	A	110

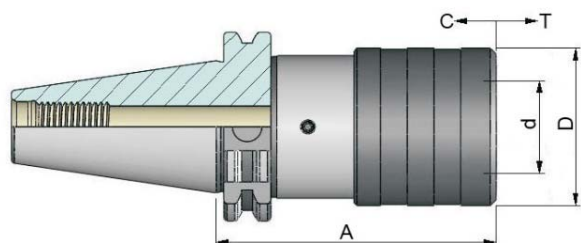
应用范围: 夹持直径为0.5-16mm的钻头,
勾扳手夹紧
相关配件: 拉钉、扳手

Use: For clamping tools with cylindrical shank, for left
and right hand turn, clamping and loosening with a
hexagon socket wrench.
Accessories: rivet



TOOL HOLDER DIN 69871

Quick Change Tapping Chucks With Length Compensation SK-弹性快换攻丝刀柄



SK-弹性快换攻丝刀柄

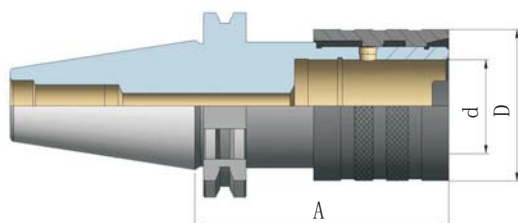
Order No. 货号	Size 规格	d	D	T/C 拉/缩长度	Cooling 冷却方式	A 有效长度
32.6014.65	SK30-M3/M14 Gr.1	19	38	7	A	65
32.6022.99	SK30-M5/M22 Gr.2	31	54	12	A	99
42.6014.59	SK40-M3/M14 Gr.1	19	38	7	A	59
42.6022.97	SK40-M5/M22 Gr.2	31	54	12	A	97
42.6014.156	SK40-M14/M36 Gr.3	48	78	17.5	A	156
52.6014.63	SK50-M3/M14 Gr.1	19	38	7	A	63
52.6022.97	SK50-M5/M22 Gr.2	31	54	12	A	97
52.6036.140	SK50-M14/M36 Gr.3	48	78	17.5	A	140

应用范围: 用于螺纹攻丝, 带长度自动补偿功能
可平衡机床主轴过大或过小的进给量, 避免
螺纹的误切, 还可避免加工盲孔螺纹
时、丝锥切到孔底而被折断或扭断
技术信息: 无中心通水
相关配件: 快换夹头、拉钉

Use: For tapping preferably. Axial length
compensation on tension and pressure.
Information: Form A without central coolant supply
Accessories: Quick change chuck



Quick Change Tapping Chuck Without Length Compensation SK-刚性快换攻丝刀柄



SK-刚性快换攻丝卡头

Order No. 货号	Size 规格	d	D	Cooling 冷却方式	A 有效长度
32.6114.58.1	SK30-M3/M14-Gr.1	19	38	AD	58 
32.6122.103.1	SK30-M5/M22-Gr.2	31	54	AD	103 
42.6114.62.1	SK40-M3/M14-Gr.1	19	38	AD	62 
42.6122.95.1	SK40-M5/M22-Gr.2	31	54	AD	95 
42.6136.130.1	SK40-M14/M36-Gr.3	48	78	AD	130 
52.6114.60.1	SK50-M3/M14-Gr.1	19	38	AD	60 
52.6122.85.1	SK50-M5/M22-Gr.2	31	54	AD	85 
52.6136.117.1	SK50-M14/M36-Gr.3	48	78	AD	117 

应用范围: 螺纹加工, 主要应用于强制性轴向
进给机床上

应用范围: AD型, 中心通水冷却

相关配件: 快换夹头

Use: For tapping preferably. Axial length nonadjustable

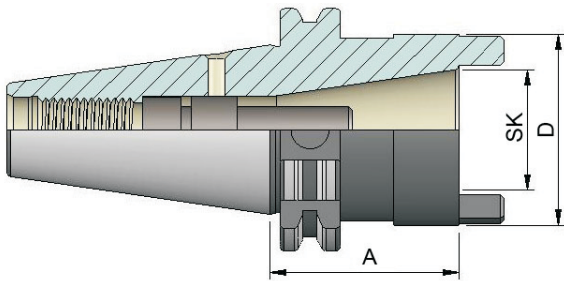
Accessories: Quick change chuck





TOOL HOLDER DIN 69871

Adaptor Sleeves / SK-转换刀柄



G6.3 12,000min⁻¹

↗ ≤ 0.005

SK-转换刀柄

Order No. 货号	Size 规格	SK	D	Cooling 冷却方式	A 有效长度	
42.9030.50	SK40-30-50	BT/SK30	50	A	50	
42.9040.50	SK40-40-100	BT/SK40	63	A	100	
52.9040.70	SK50-40-70	BT/SK40	70	A	70	
52.9050.120	SK50-50-120	BT/SK50	97	A	120	

应用范围: 用于将DIN69871刀柄接口转换成MAS 403 BT
或DIN2080

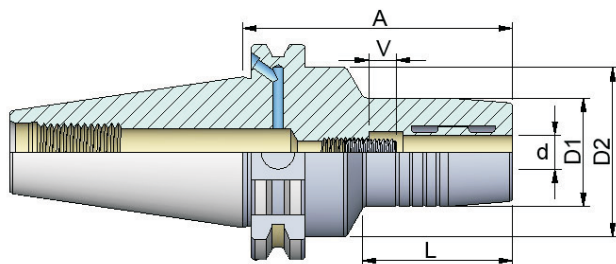
Use: Transfor from DIN69871 to MAS 403 BT or DIN2080

相关配件: 拉丁



6.16

DIN 69871

SK Hydraulic Expansion Chuck / SK-液压刀柄


G2.5 25,000min⁻¹

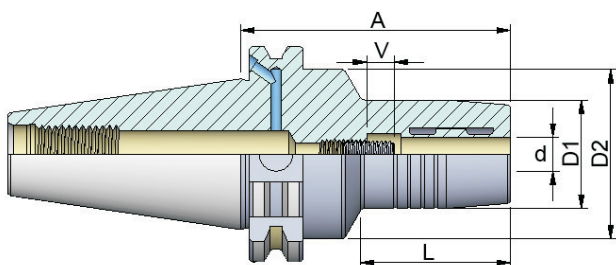
2.5Xd ≤ 0.005

SK-液压刀柄

Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	L	Cooling 冷却方式	V 微调长度	A 有效长度	
32.7006.60.1	SK30-06-60	6	26	45	25	AD	10	60	
32.7008.64.1	SK30-08-64	8	28	45	29	AD		64	
32.7010.64.1	SK30-10-64	10	30	45	35	AD		64	
32.7012.72.1	SK30-12-72	12	32	45	43	AD		72	
32.7014.72.1	SK30-14-72	14	34	45	43	AD		72	
32.7016.72.1	SK30-16-72	16	38	45	43	AD		72	
32.7018.72.1	SK30-18-72	18	40	45	43	AD		72	
32.7020.90.1	SK30-20-90	20	42	45	71	AD		90	
42.7006.80.1	SK40-06-80.5	6	28	50	30	AD	10	80.5	
42.7006.110.1	SK40-06-110					AD		110	
42.7008.80.1	SK40-08-80.5	8	30		30	AD		80.5	
42.7008.110.1	SK40-08-110					AD		110	
42.7010.80.1	SK40-10-80.5	10	32		31	AD		80.5	
42.7010.110.1	SK40-10-110					AD		110	
42.7012.80.1	SK40-12-80.5	12	34		31	AD		80.5	
42.7012.110.1	SK40-12-110					AD		110	
42.7014.80.1	SK40-14-80.5	14	36		31	AD		80.5	
42.7014.110.1	SK40-14-110					AD		110	

TOOL HOLDER DIN 69871

SK Hydraulic Expansion Chuck / SK液压刀柄

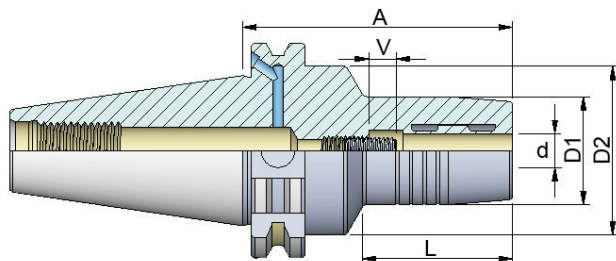


G2.5 25,000min⁻¹

2.5Xd ≤ 0.005

SK- 液压刀柄

Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	L	V 微调长度	Cooling 冷却方式	A 有效长度	
42.7016.80.1	SK40-16-80.5	16	38	50	33	10	AD	80.5	
42.7016.110.1	SK40-16-110						AD	110	
42.7018.80.1	SK40-18-80.5	18	41		33		AD	80.5	
42.7018.110.1	SK40-18-110						AD	110	
42.7020.80.1	SK40-20-80.5	20	43		34		AD	80.5	
42.7020.110.1	SK40-20-110						AD	110	
42.7025.80.1	SK40-25-80.5	25	57	66	22		AD	80.5	
42.7032.80.1	SK40-32-80.5	32	63	80	26				
52.7006.90.1	SK50-06-90	6	28	50	30	10	AD	90	
52.7006.150.1	SK50-06-150				38		AD	150	
52.7008.90.1	SK50-08-90	8	30		30		AD	90	
52.7008.150.1	SK50-08-150				40		AD	150	
52.7010.90.1	SK50-10-90	10	32		30		AD	90	
52.7010.150.1	SK50-10-150				42		AD	150	
52.7012.90.1	SK50-12-90	12	34		30		AD	90	
52.7012.150.1	SK50-12-150				44		AD	150	
52.7014.90.1	SK50-14-90	14	36		30		AD	90	
52.7014.150.1	SK50-14-150				44		AD	150	

SK Hydraulic Expansion Chuck / SK液压刀柄

G2.5 25,000min⁻¹

2.5Xd₁ ≤ 0.005

SK-液压刀柄

Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	L	V 微调长度	Cooling 冷却方式	A 有效长度		
52.7016.90.1	SK50-16-90	16	38	50	30	10	AD	90		
52.7016.150.1	SK50-16-150				46		AD	150		
52.7018.90.1	SK50-18-90	18	41		30		AD	90		
52.7018.150.1	SK50-18-150				46		AD	150		
52.7020.80.1	SK50-20-80.5	20	43		30		AD	80.5		
52.7020.90.1	SK50-20-90				34		AD	90		
52.7020.110.1	SK50-20-110				34		AD	110		
52.7020.150.1	SK50-20-150				48		AD	150		
52.7025.105.1	SK50-25-105	25	57		85.9		AD	105		
52.7025.150.1	SK50-25-150				130.9		AD	150		
52.7032.115.1	SK50-32-115	32	63		95.9		AD	115		
52.7032.150.1	SK50-32-150				130.9		AD	150		

*同时有AD/B的冷却方式供选择，如货号为52.7016.90.1是AD的冷却方式
货号为31.7016.90.2是AD/B的冷却方式

应用范围: 用于夹持圆柱柄DIN1835A+B+E型和DIN6535
HA+HB+HE型(直径≥12mm时,只可用减径套)
Φ6-Φ32范围内的被夹持刀具, 其柄部公差必须
满足h6
相关配件: 液压减径套、拉钉、扳手

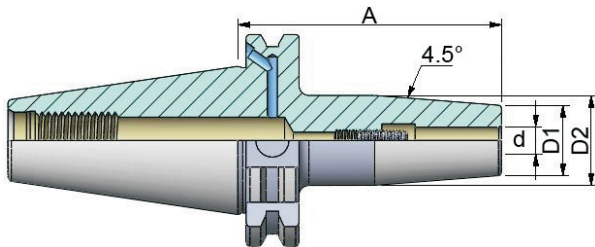
Use: For mounting straight-shank tools acc.
DIN 1835 form A+B+E and DIN 6535 form
HA+HB+HE(larger than dia.12mm only
with reduction sleeve)
Accessories: Reduction sleeves, rivet





TOOL HOLDER DIN 69871

SK 4.5° Shrink / SK 4.5° 热缩刀柄



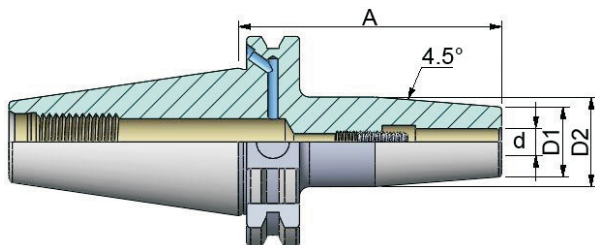
G2.5 25,000min⁻¹

4Xd $\leq$ 0.005

SK-热缩刀柄

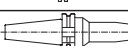
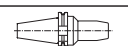
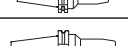
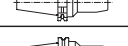
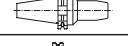
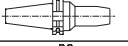
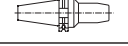
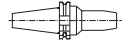
Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	Cooling 冷却方式	A 有效长度	
42.8003.80.2	SK40-03-80	3	11	15	AD/B	80	
42.8003.120.2	SK40-03-120				AD/B	120	
42.8004.80.2	SK40-04-80	4	14	22	AD/B	80	
42.8004.120.2	SK40-04-120				AD/B	120	
42.8005.80.2	SK40-05-80	5	16		AD/B	80	
42.8005.120.2	SK40-05-120				AD/B	120	
42.8006.80.2	SK40-06-80	6	21	27	AD/B	80	
42.8006.120.2	SK40-06-120				AD/B	120	
42.8008.80.2	SK40-08-80	8			AD/B	80	
42.8008.120.2	SK40-08-120				AD/B	120	
42.8010.80.2	SK40-10-80	10	27	32	AD/B	80	
42.8010.120.2	SK40-10-120				AD/B	120	
42.8012.80.2	SK40-12-80	12			AD/B	80	
42.8012.120.2	SK40-12-120				AD/B	120	
42.8014.80.2	SK40-14-80	14	27	34	AD/B	80	
42.8014.120.2	SK40-14-120				AD/B	120	
42.8016.80.2	SK40-16-80	16			AD/B	80	
42.8016.120.2	SK40-16-120				AD/B	120	
42.8018.80.2	SK40-18-80	18	33	42	AD/B	80	
42.8018.120.2	SK40-18-120				AD/B	120	

DIN 69871

SK 4.5° Shrink / SK 4.5° 热缩刀柄

 G2.5 25,000min⁻¹

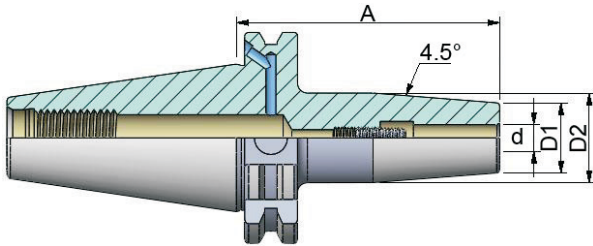
4xd ≤ 0.005

SK-热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	Cooling 冷却方式	A 有效长度	
42.8020.80.2	SK40-20-80	20	33	42	AD/B	80	
42.8020.120.2	SK40-20-120				AD/B	120	
42.8025.80.2	SK40-25-80	25	44	53	AD/B	80	
42.8025.120.2	SK40-25-120				AD/B	120	
52.8003.80.2	SK50-03-80	3	11	15	AD/B	80	
52.8003.120.2	SK50-03-120	3	11	15	AD/B	120	
52.8003.160.2	SK50-03-160	3	11	15	AD/B	160	
52.8004.80.2	SK50-04-80	4	14	22	AD/B	80	
52.8004.120.2	SK50-04-120	4	14	22	AD/B	120	
52.8004.160.2	SK50-04-160	4	14	22	AD/B	160	
52.8005.80.2	SK50-05-80	5	16	22	AD/B	80	
52.8005.120.2	SK50-05-120	5	16	22	AD/B	120	
52.8005.160.2	SK50-05-160	5	16	22	AD/B	160	
52.8006.80.2	SK50-06-80	6	21	27	AD/B	80	
52.8006.120.2	SK50-06-120	6	21	27	AD/B	120	
52.8006.160.2	SK50-06-160	6	21	27	AD/B	160	
52.8008.80.2	SK50-08-80	8	21	27	AD/B	80	
52.8008.120.2	SK50-08-120	8	21	27	AD/B	120	
52.8008.160.2	SK50-08-160	8	21	27	AD/B	160	

TOOL HOLDER DIN 69871

SK 4.5° Shrink / SK 4.5° 热缩刀柄

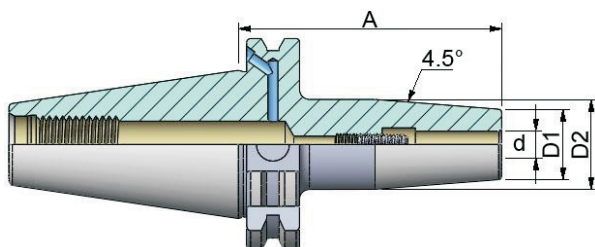


G2.5 25,000min⁻¹

4xd ≤ 0.005

SK-热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	Cooling 冷却方式	A 有效长度	
52.8010.80.2	SK50-10-80	10	24	32	AD/B	80	
52.8010.120.2	SK50-10-120	10	24	32	AD/B	120	
52.8010.160.2	SK50-10-160	10	24	32	AD/B	160	
52.8010.200.2	SK50-10-200	10	24	32	AD/B	200	
52.8012.80.2	SK50-12-80	12	24	32	AD/B	80	
52.8012.120.2	SK50-12-120	12	24	32	AD/B	120	
52.8012.160.2	SK50-12-160	12	24	32	AD/B	160	
52.8012.200.2	SK50-12-200	12	24	32	AD/B	200	
52.8014.80.2	SK50-14-80	14	27	34	AD/B	80	
52.8014.120.2	SK50-14-120	14	27	34	AD/B	120	
52.8014.160.2	SK50-14-160	14	27	34	AD/B	160	
52.8014.200.2	SK50-14-200	14	27	34	AD/B	200	
52.8016.80.2	SK50-16-80	16	27	34	AD/B	80	
52.8016.120.2	SK50-16-120	16	27	34	AD/B	120	
52.8016.160.2	SK50-16-160	16	27	34	AD/B	160	
52.8016.200.2	SK50-16-200	16	27	34	AD/B	200	
52.8018.80.2	SK50-18-80	18	33	42	AD/B	80	
52.8018.120.2	SK50-18-120	18	33	42	AD/B	120	
52.8018.160.2	SK50-18-160	18	33	42	AD/B	160	
52.8018.200.2	SK50-18-200	18	33	42	AD/B	200	

SK 4.5° Shrink / SK 4.5° 热缩刀柄

 G2.5 25,000min⁻¹

4xd ≤ 0.005

SK-热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	Cooling 冷却方式	A 有效长度	
52.8020.80.2	SK50-20-80	20	33	42	AD/B	80	
52.8020.120.2	SK50-20-120	20	33	42	AD/B	120	
52.8020.160.2	SK50-20-160	20	33	42	AD/B	160	
52.8020.200.2	SK50-20-200	20	33	42	AD/B	200	
52.8025.80.2	SK50-25-80	25	44	53	AD/B	80	
52.8025.120.2	SK50-25-120	25	44	53	AD/B	120	
52.8025.160.2	SK50-25-160	25	44	53	AD/B	160	
52.8025.200.2	SK50-25-200	25	44	53	AD/B	200	
52.8032.80.2	SK50-32-80	32	44	53	AD/B	80	
52.8032.120.2	SK50-32-120	32	44	53	AD/B	120	
52.8032.160.2	SK50-32-160	32	44	53	AD/B	160	
52.8032.200.2	SK50-32-200	32	44	53	AD/B	200	

应用范围: 装夹迅速, 夹紧力大, 高速切削。
 适用于夹持高速钢HSS和硬质合金圆柱柄刀具。
 直径为Ø3, Ø4和Ø5的被夹持刀具的柄部公差要求达到h4, 直径为Ø6~Ø32的被夹持柄部公差要求达到h6

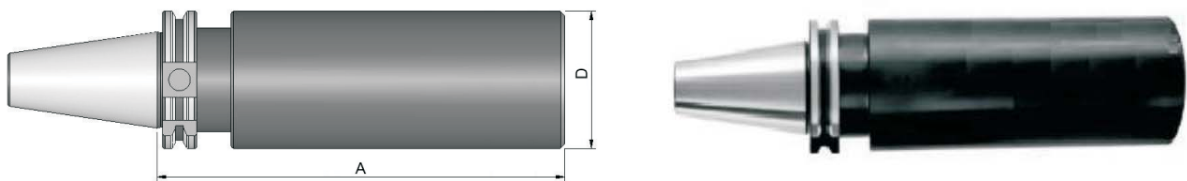
相关配件: 拉钉、延长杆

Use: For mounting straight-shank tools
 Note: Toolholders suitable for induction-, contact- and hot air shrink units.
 Ø3,4,5 with h4-tolerance and Ø6-Ø32 with h6-tolerance
 Accessories: rivet, Extension Chuck



TOOL HOLDER DIN 69871

Boring Bar blank for The Production of Special Tool Holders SK-镗刀柄体



SK-镗刀柄体

Order No. 货号	Size 规格	D	Cooling 冷却方式	A 有效长度
42.5263.250	SK40-63-250	63	A	250
52.5297.315	SK50-97-315	97	A	315

应用范围: 用来加工成特殊刀柄
技术信息: A型,中心不通水

Use: For manufacturing special tools in your factory
Information: Form A without control coolant supply

DIN 69871



TOOL HOLDER DIN 69893(HSK)







TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

Tool Holder / 刀柄 DIN 69893 (HSK-A)

动平衡等级

G6.3 15,000min⁻¹

G6.3 15,000 min⁻¹

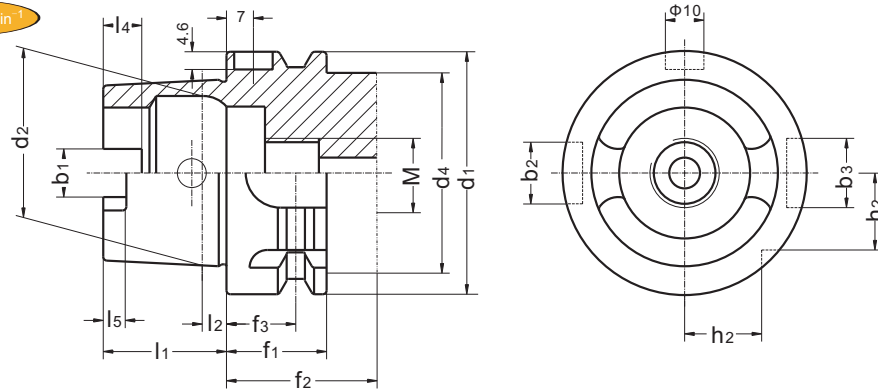
Pre-balanced

G6.3 15,000 min⁻¹

G2.5 精细动平衡

可特制

G2.5 Fine balancing
at extra charge



HSK-A d1	d2	d4 max	l1	l2	l4	l5	M	f1	f2	f3	b1	b2	b3
32	24	26	16	3.2	5.0	3.0	M10 x 1	20	35	16	7.05	7	9
40	30	34	20	4.0	6.0	3.5	M12 x 1	20	35	16	8.05	9	11
50	38	42	25	5.0	7.5	4.5	M16 x 1	26	42	18	10.54	12	14
63	48	53	32	6.3	10.0	6.0	M18 x 1	26	42	18	12.54	16	18
80	60	67	40	8.0	12.0	8.0	M20 x 1.5	26	42	18	16.04	18	20
100	75	85	50	10.0	15.0	10.0	M24 x 1.5	29	45	20	20.02	22	20

材质：优质渗碳合金钢，中心抗拉强度最小1000N/mm²。

表面硬度HRC 60±2 (HV 700±50)，硬化深度0.8mm±0.2mm，
发黑处理和精细研磨。

精度：根据DIN7178,锥角公差等级为 AT3。最大跳动误差< 0.003 mm



Mateial: Allied case hardened steel, tensile strength in the core of the min.1000N/mm²
Case hardened HRC 60±2(HV 700±50),hardening depth 0.8mm±0.2mm,
black-finished and precisely grinded.

Accuracy: Cone angle-tolerance exactness<AT3 according to DIN7178
Max. run out inaccuracy <0.003mm

DIN 69893 (HSK)



ER弹簧夹头刀柄 _____ 3.04



OZ弹簧夹头刀柄 _____ 3.06



侧固式铣刀柄 _____ 3.07



斜2° 侧固式刀柄 _____ 3.11



带扁尾莫氏刀柄 _____ 3.14



带螺纹孔莫氏刀柄 _____ 3.15



混合式铣刀柄 _____ 3.16



面铣刀柄 _____ 3.18



CNC钻夹头刀柄 _____ 3.20

自紧式钻夹头 _____ 3.21



TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)



弹性快换攻丝刀柄 ————— 3.22



刚性快换攻丝刀柄 ————— 3.23



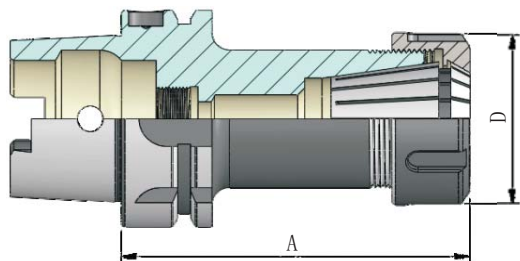
液压刀柄 ————— 3.24



热缩刀柄 ————— 3.28



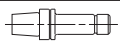
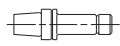
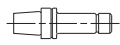
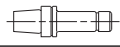
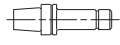
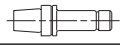
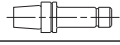
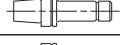
镗刀柄体 ————— 3.44

HSK-A Collet Chuck ER / HSK-A ER弹簧夹头刀柄


G6.3 15,000min⁻¹

≤ 0.003

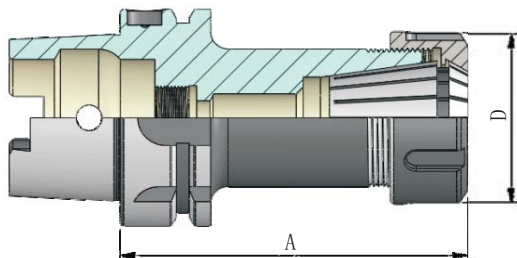
HSK-A-ER弹簧夹头刀柄

Order No. 货号	Size 规格	Capacity 夹持范围	D 螺帽外径	A 有效长度	
34.1016.80	HSK-A32-1/10-80 ER16	1-10	32	80	
34.1025.80	HSK-A32-2/16-80 ER25	2-16	42	80	
44.1016.80	HSK-A40-1/10-80 ER16	1-10	32	80	
44.1025.80	HSK-A40-2/16-80 ER25	2-16	42	80	
44.1032.80	HSK-A40-2/20-80 ER32	2-20	50	80	
54.1016.100	HSK-A50-1/10-100 ER16	1-10	32	100	
54.1025.80	HSK-A50-2/16-80 ER25	2-16	42	80	
54.1016.100	HSK-A50-2/20-100 ER32	2-20	50	100	
64.1016.100	HSK-A63-1/10-100 ER16	1-10	32	100	
64.1016.160	HSK-A63-1/10-160 ER16	1-10	32	160	
64.1025.100	HSK-A63-2/16-100 ER25	2-16	42	100	
64.1025.160	HSK-A63-2/16-160 ER25	2-16	42	160	
64.1032.100	HSK-A63-2/20-100 ER32	2-20	50	100	
64.1032.160	HSK-A63-2/20-160 ER32	2-20	50	160	
64.1040.120	HSK-A63-3/26-120 ER40	3-26	63	120	
64.1040.160	HSK-A63-3/26-160 ER40	3-26	63	160	
84.1032.100	HSK-A80-2/20-100 ER32	2-20	50	100	
84.1040.120	HSK-A80-3/26-120 ER40	3-26	63	120	



TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

HSK-A Collet Chuck ER / HSK-A ER弹簧夹头刀柄



G6.3 15,000min⁻¹

≤ 0.003

HSK-A-ER弹簧夹头刀柄

Order No. 货号	Size 规格	Capacity 夹持范围	D 螺帽外径	A 有效长度
104.1025.100	HSK-A100-2/16-100 ER25	2-16	42	100
104.1032.100	HSK-A100-2/20-100 ER32	2-20	50	100
104.1042.120	HSK-A100-3/26-120 ER40	3-26	63	120

DIN 69893 (HSK)

应用范围: 配DIN6499弹簧夹头可夹持各种尺寸圆柱柄刀具
交货内容: 标准螺帽 (经过动平衡处理)
相关配件: ER弹簧夹头、扳手、冷却导管

Use: For clamping tools with cylindrical shank in collet of DIN 6499
Delivery range: Locknut (balanced)
Accessories: ERcollets、wrench、coolant tubes



6.02-6.06

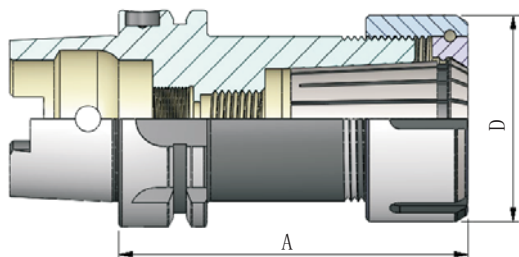


6.21



6.36

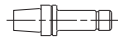
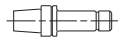
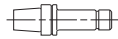
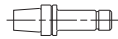
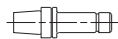
HSK-A Collet Chuck OZ / HSK-A OZ弹簧夹头刀柄



G6.3 15,000min⁻¹

↗ ≤ 0.003

HSK-A-OZ弹簧夹头刀柄

Order No. 货号	Size 规格	Capacity 夹持范围	D 螺帽外径	A 有效长度	
54.1116.90	HSK-A50-2/16-90 OZ16	2-16	43	90	
54.1125.110	HSK-A50-2/25-110 OZ25	2-25	60	110	
64.1116.100	HSK-A63-2/16-100 OZ16	2-16	43	100	
64.1125.100	HSK-A63-2/25-100 OZ25	2-25	60	100	
64.1132.120	HSK-A63-3/32-120 OZ32	3-32	72	120	
104.1116.110	HSK-A100-2/16-110 OZ16	2-16	43	110	
104.1125.120	HSK-A100-2/25-120 OZ25	2-25	60	120	
104.1132.130	HSK-A100-3/32-130 OZ32	3-32	72	130	

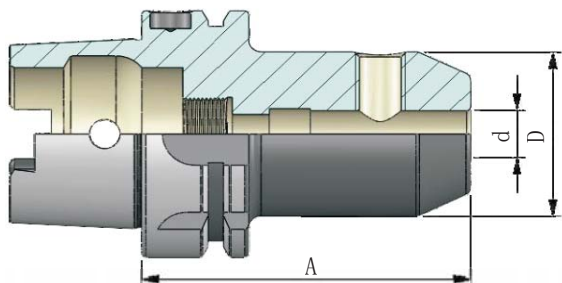
应用范围: 配DIN6388 OZ弹簧夹头可夹持
各种尺寸圆柱柄刀具
交货内容: OZ螺帽 (经过平衡处理)
相关配件: OZ弹簧夹头、扳手、冷却导管

Use: For clamping tools with cylindrical
shank in collets of DIN 6388
Delivery range: Ball bearing locknut (balanced)
Accessories: OZcollets、wrench、coolant tubes



TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

HSK-A Weldon Toolholder (Side Lock) / HSK-A 侧固式铣刀柄



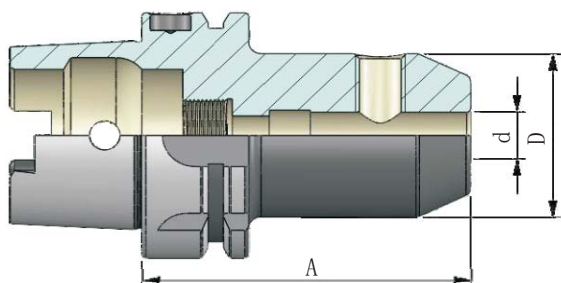
G6.3 15,000min⁻¹

≤ 0.003

HSK-A-侧固式铣刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	A 有效长度	
34.2006.60	HSK-A32-6-60	6	25	60	
34.2008.60	HSK-A32-8-60	8	28	60	
34.2010.65	HSK-A32-10-65	10	35	65	
34.2012.70	HSK-A32-12-70	12	42	70	
44.2006.60	HSK-A40-6-60	6	25	60	
44.2008.60	HSK-A40-8-60	8	28	60	
44.2010.60	HSK-A40-10-60	10	35	60	
44.2012.70	HSK-A40-12-70	12	42	70	
44.2016.75	HSK-A40-16-75	16	48	75	
54.2006.65	HSK-A50-6-65	6	25	65	
54.2008.65	HSK-A50-8-65	8	28	65	
54.2010.65	HSK-A50-10-65	10	35	65	
54.2012.80	HSK-A50-12-80	12	42	80	
54.2014.80	HSK-A50-14-80	14	44	80	
54.2016.80	HSK-A50-16-80	16	48	80	
54.2018.80	HSK-A50-18-80	18	50	80	
54.2020.80	HSK-A50-20-80	20	52	80	

HSK-A Weldon Toolholder (Side Lock) / HSK-A 侧固式铣刀柄



G6.3 15,000min⁻¹

≤ 0.003

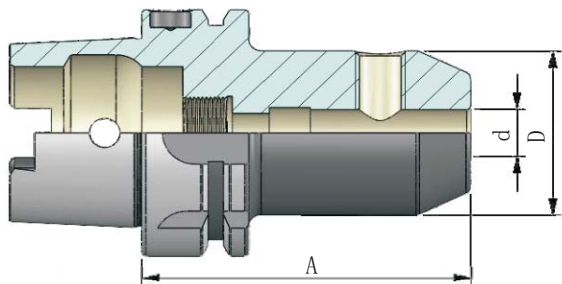
HSK-A-侧固式铣刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	A 有效长度
64.2006.65	HSK-A63-6-65	6	25	65
64.2006.100	HSK-A63-6-100	6	25	100
64.2008.65	HSK-A63-8-65	8	28	65
64.2008.100	HSK-A63-8-100	8	28	100
64.2010.65	HSK-A63-10-65	10	35	65
64.2010.100	HSK-A63-10-100	10	35	100
64.2012.80	HSK-A63-12-80	12	42	80
64.2012.160	HSK-A63-12-160	12	42	160
64.2014.80	HSK-A63-14-80	14	44	80
64.2014.160	HSK-A63-14-160	14	44	160
64.2016.80	HSK-A63-16-80	16	48	80
64.2016.160	HSK-A63-16-160	16	48	160
64.2018.80	HSK-A63-18-80	18	50	80
64.2018.160	HSK-A63-18-160	18	50	160
64.2020.80	HSK-A63-20-80	20	52	80
64.2020.160	HSK-A63-20-160	20	52	160
64.2025.110	HSK-A63-25-110	25	65	110
64.2032.110	HSK-A63-32-110	32	72	110
64.2040.125	HSK-A63-40-125	40	80	125



TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

HSK-A Weldon Toolholder (Side Lock) / HSK-A 侧固式铣刀柄



G6.3 15,000min⁻¹

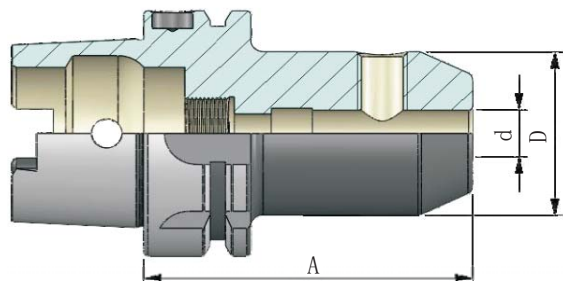
≤ 0.003

HSK-A-侧固式铣刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	A 有效长度	
84.2006.80	HSK-A80-06-80	06	25	80	
84.2008.80	HSK-A80-08-80	08	28	80	
84.2010.80	HSK-A80-10-80	10	35	80	
84.2012.80	HSK-A80-12-80	12	42	80	
84.2014.80	HSK-A80-14-80	14	44	80	
84.2016.100	HSK-A80-16-100	16	48	100	
84.2018.100	HSK-A80-18-100	18	50	100	
84.2020.100	HSK-A80-20-100	20	52	100	
84.2025.100	HSK-A80-25-100	25	65	100	
84.2032.110	HSK-A80-32-110	32	72	110	
104.2006.80	HSK-A100-06-80	06	25	80	
104.2008.80	HSK-A100-08-80	08	28	80	
104.2010.80	HSK-A100-10-80	10	35	80	
104.2012.80	HSK-A100-12-80	12	42	80	
104.2014.80	HSK-A100-14-80	14	44	80	
104.2016.100	HSK-A100-16-100	16	48	100	
104.2018.100	HSK-A100-18-100	18	50	100	
104.2020.100	HSK-A100-20-100	20	52	100	
104.2025.100	HSK-A100-25-100	25	65	100	

DIN 69893 (HSK)

HSK-A Weldon Toolholder (Side Lock) / HSK-A 侧固式铣刀柄



G6.3 15,000min⁻¹

≤ 0.003

HSK-A-侧固式铣刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	A 有效长度
104.2032.100	HSK-A100-32-100	32	72	100
104.2040.105	HSK-A100-40-105	40	80	105

应用范围: 适用于夹持DIN1835-B及DIN6535-HB具有侧固平面的刀具
 交货内容: 压紧螺栓
 相关配件: 冷却导管

Use: For clamping cutters with cylindrical shank and inclined flat of DIN1835-B and DIN 6535-HB
 Delivery range: clamping screw
 Accessories: coolant tubes

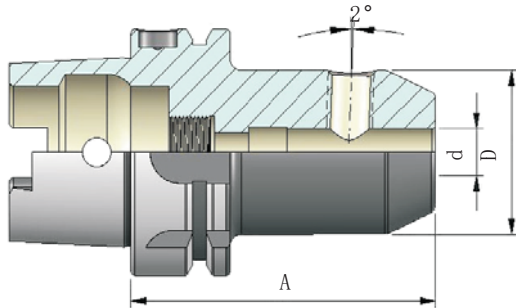


6.36



TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

HSK-A Weldon Notch Toolholder / HSK-A 斜2° 侧固式铣刀柄



G6.3 15,000min⁻¹

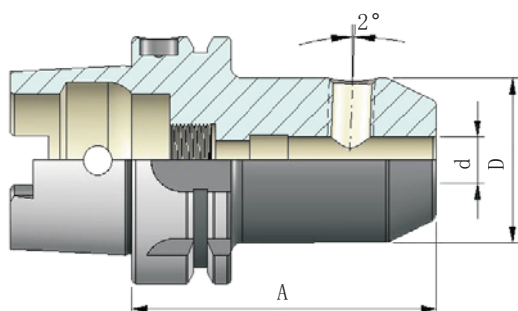
≤ 0.003

HSKA-斜2° 侧固式铣刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	A 刀柄长度	
34.2106.80	HSK-A32-06-80	06	25	80	
34.2108.80	HSK-A32-08-80	08	28	80	
34.2110.80	HSK-A32-10-80	10	35	80	
44.2106.80	HSK-A40-06-80	06	25	80	
44.2108.80	HSK-A40-08-80	08	28	80	
44.2110.80	HSK-A40-10-80	10	35	80	
44.2112.90	HSK-A40-12-90	12	42	90	
44.2114.90	HSK-A40-14-90	14	44	90	
44.2116.90	HSK-A40-16-90	16	48	90	
54.2106.80	HSK-A50-06-80	06	25	80	
54.2108.80	HSK-A50-08-80	08	28	80	
54.2110.80	HSK-A50-10-80	10	35	80	
54.2112.90	HSK-A50-12-90	12	42	90	
54.2114.90	HSK-A50-14-90	14	44	90	
54.2116.90	HSK-A50-16-90	16	48	90	
54.2118.90	HSK-A50-18-90	18	50	90	
54.2120.100	HSK-A50-20-100	20	52	100	

DIN 69893 (HSK)

HSK-A Weldon Notch Toolholder / HSK-A 斜2° 侧固式铣刀柄



G6.3 15,000min⁻¹

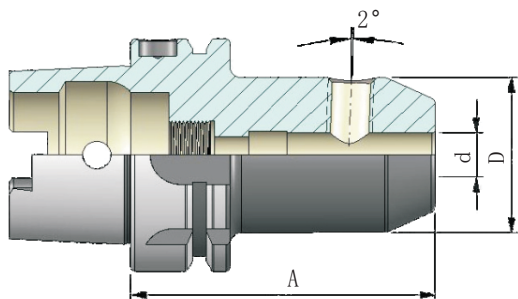
≤ 0.003

HSK-A-斜2°侧固式刀柄

Order No. 货号	Size 规格	d 夹持直径	D 外径	A 有效长度	
64.2106.80	HSK-A63-08-80	06	25	80	
64.2108.80	HSK-A63-08-80	08	28	80	
64.2110.80	HSK-A63-10-80	10	35	80	
64.2112.90	HSK-A63-12-90	12	42	90	
64.2114.90	HSK-A63-14-90	14	44	90	
64.2116.100	HSK-A63-16-100	16	48	100	
64.2118.100	HSK-A63-18-100	18	50	100	
64.2120.100	HSK-A63-20-100	20	52	100	
64.2125.110	HSK-A63-25-110	25	65	110	
64.2132.110	HSK-A63-32-110	32	72	110	
84.2106.90	HSK-A80-06-90	06	25	90	
84.2108.90	HSK-A80-08-90	08	28	90	
84.2110.90	HSK-A80-10-90	10	35	90	
84.2112.100	HSK-A80-12-100	12	42	100	
84.2114.100	HSK-A80-14-100	14	44	100	
84.2116.100	HSK-A80-16-100	16	48	100	
84.2118.100	HSK-A80-18-100	18	50	100	
84.2120.110	HSK-A80-20-110	20	52	110	

TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

HSK-A Weldon Notch Toolholder / HSK-A 斜2° 侧固式铣刀柄



G6.3 15,000min⁻¹

≤ 0.003

HSK-A-斜2° 侧固式刀柄

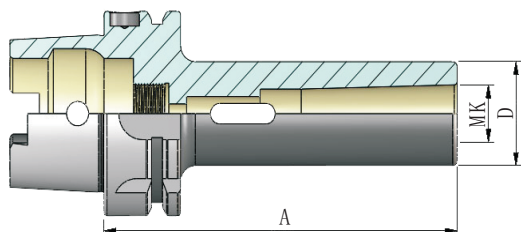
Order No. 货号	Size 规格	d 夹持直径	D 外径	A 有效长度	
84.2125.110	HSK-A80-25-110	25	65	110	
84.2132.120	HSK-A80-32-120	32	72	120	
104.2106.90	HSK-A100-06-90	06	25	90	
104.2108.90	HSK-A100-08-90	08	28	90	
104.2110.90	HSK-A100-10-90	10	35	90	
104.2112.100	HSK-A100-12-100	12	42	100	
104.2114.100	HSK-A100-14-100	14	44	100	
104.2116.100	HSK-A100-16-100	16	48	100	
104.2118.100	HSK-A100-18-100	18	50	100	
104.2120.110	HSK-A100-20-110	20	52	110	
104.2125.120	HSK-A100-25-120	25	65	120	
104.2132.120	HSK-A100-32-120	32	72	120	
104.2140.120	HSK-A100-40-120	40	80	120	

应用范围: 适用于夹持DIN1835-B及DIN6535-HB具有侧固平面的刀具
 交货内容: 压紧螺栓及长度调节螺钉
 相关配件: 冷却导管

Use: For clamping cutters with cylindrical shank and inclined flat of DIN 1835-B and DIN 6535-HB
 Delivery range: clamping screw and adjusting screw
 Accessories: coolant tubes



HSK-A Morse taper Toolholder / HSK-A 带扁尾莫氏刀柄



G6.3 15,000min⁻¹

≤ 0.005

HSK-A-带扁尾莫氏刀柄

Order No. 货号	Size 规格	MK 莫氏锥度	D 外径	A 有效长度
54.3001.100	HSK-A50-1-100	MK1	25	100
54.3002.120	HSK-A50-2-120	MK2	32	120
54.3003.140	HSK-A50-3-140	MK3	40	140
64.3001.100	HSK-A63-1-100	MK1	25	100
64.3002.120	HSK-A63-2-120	MK2	32	120
64.3003.140	HSK-A63-3-140	MK3	40	140
64.3004.160	HSK-A63-4-160	MK4	48	160
84.3001.110	HSK-A80-1-110	MK1	25	110
64.3002.120	HSK-A80-2-120	MK2	32	120
64.3003.150	HSK-A80-3-150	MK3	40	150
64.3004.170	HSK-A80-4-170	MK4	48	170
104.3001.110	HSK-A100-1-110	MK1	25	110
104.3002.120	HSK-A100-2-120	MK2	32	120
104.3003.150	HSK-A100-3-150	MK3	40	150
104.3004.170	HSK-A100-4-170	MK4	48	170
104.3005.200	HSK-A100-5-200	MK5	63	200

应用范围: 适用于夹持DIN228-1B型带扁尾莫氏柄刀具
相关配件: 冷却导管

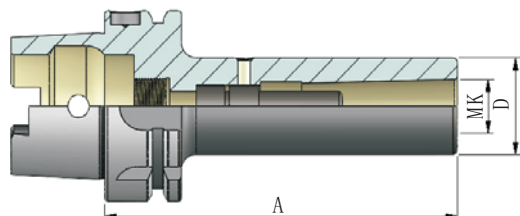
Use: For holding tools with Morse tapers and tang
according to DIN228-1 form B
Accessories: drift、coolant tubes



6.36

TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

Morse Taper with drawbar Thread Toolholder / HSK-A 带螺纹孔莫氏刀柄



G6.3 15,000min⁻¹

≤ 0.005

HSK-A-带螺纹孔莫氏刀柄

Order No. 货号	Size 规格	MK 莫氏锥度	M 拉紧螺钉	D 外径	A 有效长度	
54.3101.100	HSK-A50-1-100	MK1	M6	25	100	
54.3102.120	HSK-A50-2-120	MK2	M10	32	120	
54.3103.140	HSK-A50-3-140	MK3	M12	40	140	
64.3101.100	HSK-A63-1-100	MK1	M6	25	100	
64.3102.120	HSK-A63-2-120	MK2	M10	32	120	
64.3103.140	HSK-A63-3-140	MK3	M12	40	140	
64.3104.160	HSK-A63-4-160	MK4	M16	40	160	
84.3101.110	HSK-A80-1-110	MK1	M6	25	110	
84.3102.120	HSK-A80-2-120	MK2	M10	32	120	
84.3103.150	HSK-A80-3-150	MK3	M12	40	150	
84.3104.170	HSK-A80-4-170	MK4	M16	48	170	
104.3104.110	HSK-A100-1-110	MK1	M6	25	110	
104.3102.120	HSK-A100-2-120	MK2	M10	32	120	
104.3103.150	HSK-A100-3-150	MK3	M12	40	150	
104.3104.170	HSK-A100-4-170	MK4	M16	48	170	
104.3105.200	HSK-A100-5-200	MK5	M20	63	200	

应用范围: 适用于夹持DIN228-1A型带内螺孔的莫氏柄刀具

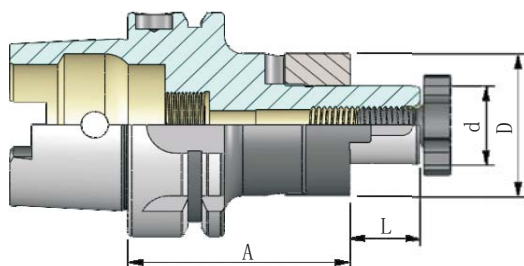
Use: For clamping tools with Morse tapers and drawbar thread according to DIN228-1 form A

相关配件: 冷却导管

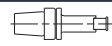
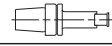
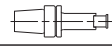
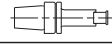
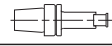
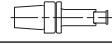
Accessories: coolant tubes



6.36

HSK-A Combi Shell Mill Toolholder / HSK-A 混合式铣刀柄

G6.3 15,000min⁻¹
 ≤ 0.005

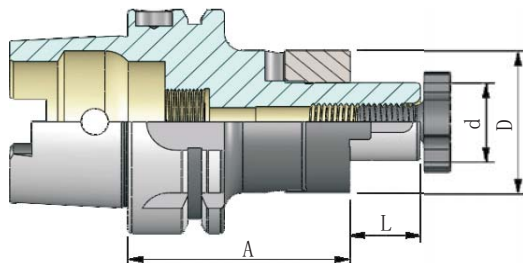
HSKA-混合式铣刀柄

Order No. 货号	Size 规格	d 心轴直径	D 端面直径	L 心轴长度	A 有效长度
34.4016.55	HSK-A32-16-55	16	32	17	55 
34.4022.55	HSK-A32-22-55	22	40	19	55 
34.4027.65	HSK-A32-27-65	27	48	21	65 
44.4016.50	HSK-A40-16-50	16	32	17	50 
44.4022.50	HSK-A40-22-50	22	40	19	50 
44.4027.65	KSK-A40-27-65	27	48	21	65 
54.4016.50	HSK-A50-16-50	16	32	17	50 
54.4022.50	HSK-A50-22-50	22	40	19	50 
54.4027.65	HSK-A50-27-65	27	48	21	65 
64.4016.60	HSK-A63-16-60	16	32	17	60 
64.4016.100	HSK-A63-16-100	16	32	17	100 
64.4022.60	HSK-A63-22-60	22	40	19	60 
64.4022.100	HSK-A63-22-100	22	40	19	100 
64.4027.60	HSK-A63-27-60	27	48	21	60 
64.4027.100	HSK-A63-27-100	27	48	21	100 
64.4032.60	HSK-A63-32-60	32	58	24	60 
64.4032.100	HSK-A63-32-100	32	58	24	100 
64.4040.70	HSK-A63-40-70	40	70	27	70 



TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

HSK-A Shell Mill Toolholder / HSK-A 混合式铣刀柄



G6.3 15,000min⁻¹

≤ 0.005

HSK-A-混合式铣刀柄

Order No. 货号	Size 规格	d 心轴直径	D 端面直径	L 心轴长度	A 有效长度
84.4016.60	HSK-A80-16-60	16	32	17	60
84.4022.60	HSK-A80-22-60	22	40	19	60
84.4027.60	HSK-A80-27-60	27	48	21	60
84.4032.60	HSK-A80-32-60	32	58	24	60
84.4040.70	HSK-A80-40-70	40	70	27	70
104.4016.60	HSK-A100-16-60	16	32	17	60
104.4022.60	HSK-A100-22-60	22	40	19	60
104.4027.60	HSK-A100-27-60	27	48	21	60
104.4032.60	HSK-A100-32-60	32	58	24	60
104.4040.60	HSK-A100-40-60	40	70	27	60

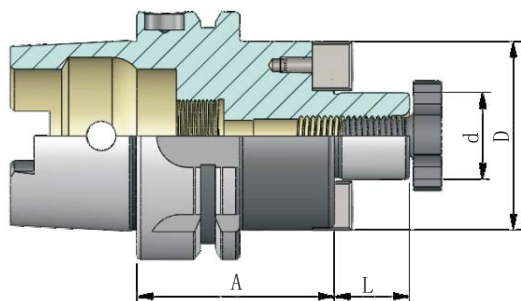
应用范围: 适用于夹持带轴向或带径向驱动槽的铣刀
如: 套式立铣刀, 面铣刀, 三面刃铣刀
交货内容: 压紧螺栓(经动平衡处理)
相关配件: 压紧螺栓、扳手、冷却导管

Use: For clamping shell mill DIN841 and DIN1880 as
well as angular milling cutter DIN842 and cutter
DIN1830
Delivery range: Locknut (balanced)
Accessories: stretching screw、wrench、coolant tubes



DIN 69893 (HSK)

HSK-A Sell Mill Toolholder / HSK-A 面铣刀柄



G6.3 15,000min⁻¹

≤ 0.004

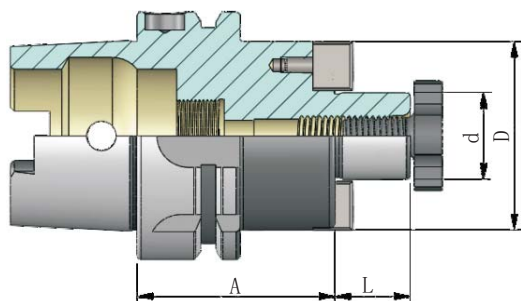
HSK-A-面铣刀柄

Order No. 货号	Size 规格	d 心轴直径	D 端面直径	L 心轴长度	A 有效长度
54.4116.50	HSK-A50-16-50	16	38	17	50
54.4122.60	HSK-A50-22-60	22	48	19	60
54.4127.60	HSK-A50-27-60	27	58	21	60
54.4132.60	HSK-A50-32-60	32	78	24	60
64.4116.50	HSK-A63-16-50	16	38	17	50
64.4116.100	HSK-A63-16-100	16	38	17	100
64.4122.50	HSK-A63-22-50	22	48	19	50
64.4122.100	HSK-A63-22-100	22	48	19	100
64.4127.60	HSK-A63-27-60	27	58	21	60
64.4127.100	HSK-A63-27-100	27	58	21	100
64.4132.60	HSK-A63-32-60	32	78	24	60
64.4132.100	HSK-A63-32-100	32	78	24	100
64.4140.60	HSK-A63-40-60	40	88	27	60
64.4140.100	HSK-A63-40-100	40	88	27	100
84.4122.50	HSK-A80-22-50	22	48	19	50
84.4127.50	HSK-A80-27-50	27	58	21	50
84.4132.60	HSK-A80-32-60	32	78	24	60
84.4140.60	HSK-A80-40-60	40	88	27	60



TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

HSK-A Sell Mill Toolholder / HSK-A 面铣刀柄



G6.3 15,000min⁻¹

≤ 0.004

HSK-A-面铣刀柄

Order No. 货号	Size 规格	d 心轴直径	D 端面直径	L 心轴长度	A 有效长度
104.4122.50	HSK-A100-22-50	22	48	19	50
104.4127.50	HSK-A100-27-50	27	68	21	50
104.4132.50	HSK-A100-32-50	32	78	24	50
104.4140.60	HSK-A100-40-60	40	88	27	60
104.4160.70	HSK-A100-60-70	60	130	40	70

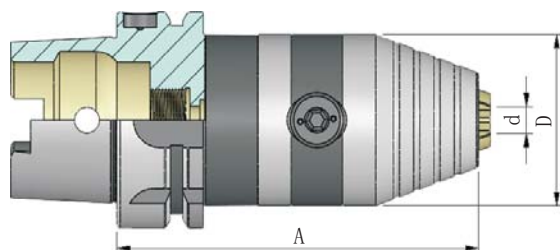
DIN 69893 (HSK)

应用范围: 用于夹持带径向驱动槽的铣刀, 如面铣刀
交货内容: 压紧螺栓 (经动平衡处理)
相关配件: 压紧螺栓、扳手、冷却导管

Use: For holding like shell mill cutters
Delivery range: Locknut (balanced)
Accessories: stretching screw、wrench、coolant tubes



Drill Chucks for left and right Rotation (NC) / HSK-A CNC钻夹头刀柄



G6.3 15,000min⁻¹

≤ 0.03

HSK-A-CNC钻夹头刀柄

Order No. 货号	Size 规格	d 夹持直径	D	A 有效长度
54.5013.116	HSK-A50-1/13-116	1.0-13	50	116
54.5016.116	HSK-A50-3/16-116	2.5-16	50	116
64.5013.104	HSK-A63-1/13-104	1.0-13	50	104
64.5016.109	HSK-A63-3/16-109	2.5-16	50	109
84.5013.109	HSK-A80-1/13-109	1.0-13	50	109
84.5016.114	HSK-A80-3/16-114	2.5-16	50	114
104.5013.107	HSK-A100-1/13-107	1.0-13	50	107
104.5016.112	HSK-A100-3/16-112	2.5-16	50	112

应用范围: 夹持直径为0.5-16mm的钻头
使用内六角扳手夹紧

相关配件: T型六角扳手、冷却导管

Use: For clamping tools with cylindrical shank, for left and right hand turn, clamping and loosening with a hexagon socket wrench.

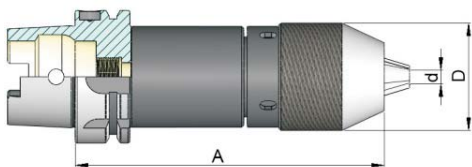
Accessories: rivet





TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

HSK-A Sell Mill Toolholder / HSK-A 自紧式钻夹头刀柄



G6.3 15,000min⁻¹

≤ 0.03

HSK-A 自紧式钻夹头刀柄

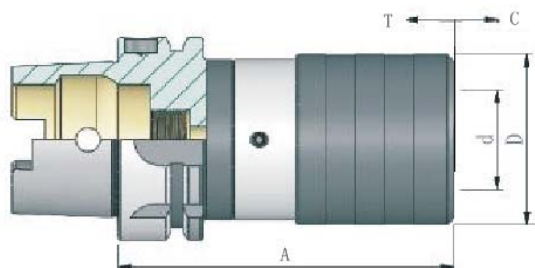
Order No. 货号	Size 规格	d 夹持直径	D	A 有效长度	
54.5213.110	HSK-A50-1.5/13-110	1.0-13	50	110	
64.5213.110	HSK-A63-1.5/13-110	2.5-16	63	110	
104.5213.120	HSK-A100-1.5/13-120	1.0-13	100	120	

DIN 69893 (HSK)

相关配件: 钩扳手、冷却导管



Quick Change Tapping Chucks with Length Compensation HSK-A 弹性快换攻丝刀柄



HSK-A-弹性快换攻丝卡头

Order No. 货号	Size 规格	d	D	T/C 拉/缩长度	A 有效长度
54.6014. 72	HSK-A50-M3/M14 Gr.1	19	38	7	72
54.6022. 110	HSK-A50-M5/M22 Gr.2	31	54	12	110
64.6014. 102	HSK-A63-M3/M14 Gr.1	19	38	7	102
64.6022. 140	HSK-A63-M5/M22 Gr.2	31	54	12	140
104.6014.112	HSK-A100-M3/M14 Gr.1	19	38	7	112
104.6022.148	HSK-A100-M5/M22 Gr.2	31	54	12	148

应用范围: 用于螺纹攻丝, 轴向长度可调整(弹性攻丝)

相关配件: 快换夹头

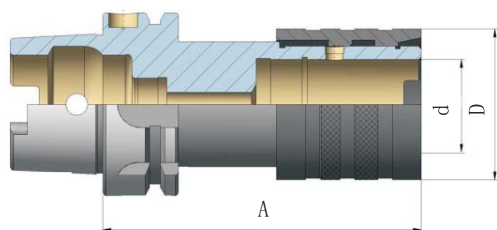
Use: For tapping preferably. Axial length compensation on tension and pressure.
Accessories: Quick change chuck





TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

Quick Change Tapping Chucks without Length Compensation HSK-A刚性快换攻丝刀柄



HSK-A-刚性快换攻丝卡头

Order No. 货号	Size 规格	d	D	A 有效长度	
54.6114.65	HSK-A50-M3/M14 Gr.1	19	38	65	
54.6122.100	HSK-A50-M5/M22 Gr.2	31	54	100	
64.6114.65	HSK-A63-M3/M14 Gr.1	19	38	65	
64.6122.100	HSK-A63-M5/M22 Gr.2	31	54	100	
104.6114.80	HSK-A100-M3/M14 Gr.1	19	38	80	
104.6122.90	HSK-A100-M5/M22 Gr.2	31	54	90	

DIN 69893 (HSK)

应用范围: 用于螺纹攻丝, 轴向长度不可调整(刚性攻丝)

Use: For tapping preferably. Axial length compensation on tension and pressure.

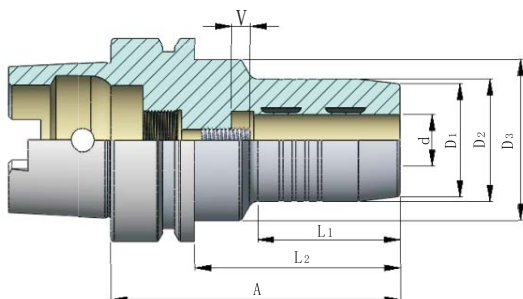
相关配件: 快换夹头

Accessories: Quick change chuck



6.22-6.25

HSK-A Hydraulic Chuck / HSK-A液压刀柄



G2.5 25,000min⁻¹

2.5Xd ≤ 0.005

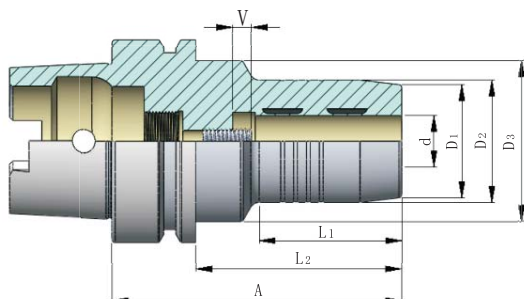
HSK-A-液压刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	D3	L1	L2	V 微调长度	A 有效长度	
44.7006.70.1	HSK-A40-6-70	6	25	28	34	28	50	10	70	
44.7008.70.1	HSK-A40-8-70	8	27	30		34	55		75	
44.7010.75.1	HSK-A40-10-75	10	29	32		60	60		80	
44.7012.80.1	HSK-A40-12-80	12	31	34						
54.7006.70.1	HSK-A50-6-70	6	25	28	40	28	44	10	70	
54.7008.70.1	HSK-A50-8-70	8	27	30		34	49		75	
54.7010.75.1	HSK-A50-10-75	10	29	32		44	59		85	
54.7012.85.1	HSK-A50-12-85	12	31	34		30	64		90	
54.7014.85.1	HSK-A50-14-85	14	33	36	53	30	64	10	90	
54.7016.90.1	HSK-A50-16-90	16	35	38	57					
54.7018.90.1	HSK-A50-18-90	18	38	41	60	29				
54.7020.90.1	HSK-A50-20-90	20	40	43						
64.7006.70.1	HSK-A63-6-70	6	25	28	50	24	44	10	70	
64.7008.70.1	HSK-A63-8-70	8	27	30		35	54		80	
64.7010.75.1	HSK-A63-10-75	10	29	32		40	59		85	
64.7012.85.1	HSK-A63-12-85	12	31	34						
64.7014.85.1	HSK-A63-14-85	14	33	36						



TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

HSK-A Hydraulic Chuck / HSK-A液压刀柄



G2.5 25,000min⁻¹

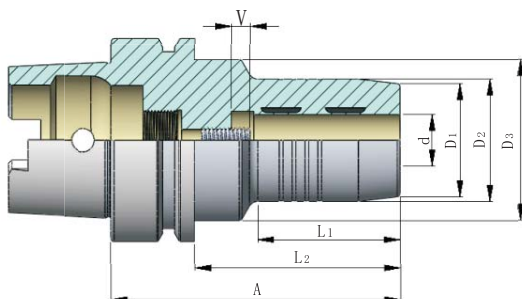
2.5Xd ≤ 0.005

HSK-A-液压刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	D3	L1	L2	V 微调长度	A 有效长度		
64.7016.90.1	HSK-A63-16-90	16	35	38	50	46	64	10	90		
64.7018.90.1	HSK-A63-18-90	18	38	41		47					
64.7020.90.1	HSK-A63-20-90	20	40	43		48					
64.7025.120.1	HSK-A63-25-120	25	53	57	63	59	94		120		
64.7032.125.1	HSK-A63-32-125	32	60	63	75	63	99		125		
104.7006.75.1	HSK-A100-6-75	6	25	28	50	26	46	10	75		
104.7008.75.1	HSK-A100-8-75	8	27	30		42	61		90		
104.7010.90.1	HSK-A100-10-90	10	29	32					95		
104.7012.95.1	HSK-A100-12-95	12	31	34		47	66		100		
104.7014.95.1	HSK-A100-14-95	14	33	36		53	71		105		
104.7016.100.1	HSK-A100-16-100	16	35	38					110		
104.7018.100.1	HSK-A100-18-100	18	38	41							
104.7020.105.1	HSK-A100-20-105	20	40	43		59	76			105	
104.7025.110.1	HSK-A100-25-110	25	53	57	63	62	81		110		
104.7032.110.1	HSK-A100-32-110	32	60	63	75						

DIN 69893 (HSK)

HSK-A Hydraulic Chuck / HSK-A液压刀柄(超长型)



G2.5 25,000min⁻¹

2.5Xd ≤ 0.005

HSK-A液压刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	D3	L1	L2	V 微调长度	A 有效长度
64.7006.150.1	HSK-A63-6-150	6	25	28	50	103	124	10	150
64.7006.200.1	HSK-A63-6-200					153	174		200
64.7008.150.1	HSK-A63-8-150	8	27	30		104	124		150
64.7008.200.1	HSK-A63-8-200					154	174		200

*同时有AD/B的冷却方式供选择，如货号为64.7010.150.1是AD的冷却方式
货号为64.7010.150.2是AD/B的冷却方式

应用范围: 用于夹持圆柱柄DIN1835A+B+E型和DIN6535
HA+HB+HE型(直径≥12mm时,可用减径套)
被夹持刀具的柄部公差要达到h6
相关配件: 液压减径套、冷却导管、扳手

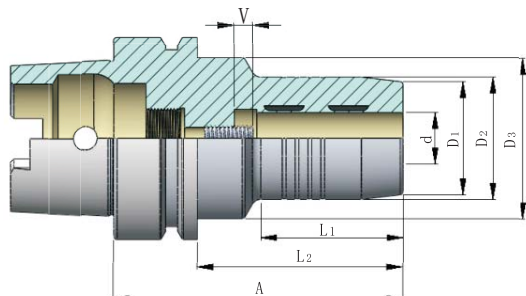
Use: For mounting straight-shank tools acc
DIN 1835 form A+B+E and DIN 6535 form
HA+HB+HE(larger than dia.12mm only
with reduction sleeve)
The Tolerance a of Tools Should be h6
Accessories: reduction sleeves、rivet





TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

HSK-A Hydraulic Chuck / HSK-A液压刀柄（超长型）



G2.5 25,000min⁻¹

2.5Xd ≤ 0.005

HSK-A液压刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	D3	L1	L2	V 微调长度	A 有效长度
64.7010.150.1	HSK-A63-10-150	10	29	32	50	104	124	10	150
64.7010.200.1	HSK-A63-10-200					154	174		200
64.7012.150.1	HSK-A63-12-150	12	31	34		105	124		150
64.7012.200.1	HSK-A63-12-200					155	174		200
64.7014.150.1	HSK-A63-14-150	14	33	36		105	124		150
64.7014.200.1	HSK-A63-14-200					155	174		200
64.7016.150.1	HSK-A63-16-150	16	35	38		106	124		150
64.7016.200.1	HSK-A63-16-200					156	174		200
64.7018.150.1	HSK-A63-18-150	18	38	41		107	124		150
64.7018.200.1	HSK-A63-18-200					157	174		200
64.7020.150.1	HSK-A63-20-150	20	40	43		108	124		150
64.7020.200.1	HSK-A63-20-200					158	174		200

*同时有AD/B的冷却方式供选择，如货号为64.7010.150.1是AD的冷却方式
货号为64.7010.150.2是AD/B的冷却方式

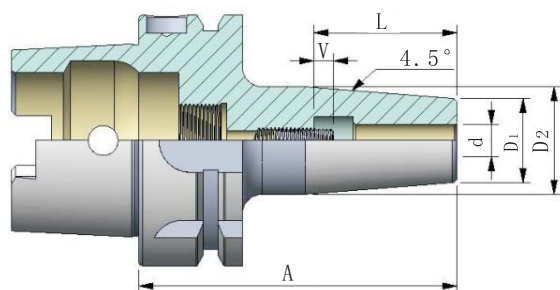
应用范围：用于夹持圆柱柄DIN1835A+B+E型和DIN6535
HA+HB+HE型(直径≥12mm时,可用减径套)
被夹持刀具的柄部公差要达到h6
相关配件：液压减径套、冷却导管、扳手

Use: For mounting straight-shank tools acc
DIN 1835 form A+B+E and DIN 6535 form
HA+HB+HE (larger than dia.12mm only
with reduction sleeve)
The Tolerance of Tools Should be h6
Accessories: reduction sleeves, rivet



DIN 69893 (HSK)

HSK-A 4.5° Shrink / HSK-A 4.5° 热缩刀柄



G2.5 25,000min⁻¹

4Xd  ≤ 0.005

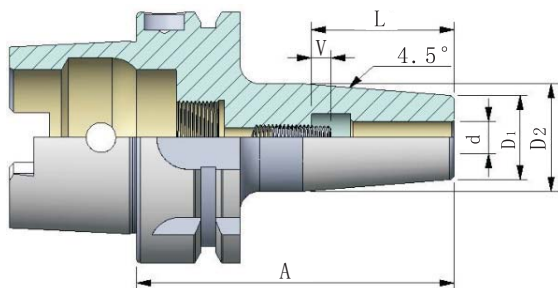
HSK-A40 4.5° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	V 微调长度	L	A 有效长度	
44.8003.80.1	HSK-A40-3-80	3	11	15	5	10	80	
44.8004.80.1	HSK-A40-4-80	4	14	22		20		
44.8005.80.1	HSK-A40-5-80	5	16					
44.8006.80.1	HSK-A40-6-80	6	21	27	10	36	90	
44.8008.80.1	HSK-A40-8-80	8						
44.8010.90.1	HSK-A40-10-90	10	24	32		42		
44.8012.90.1	HSK-A40-12-90	12				47		
44.8014.90.1	HSK-A40-14-90	14	27	34		50		
44.8016.90.1	HSK-A40-16-90	16						
54.803.80.1	HSK-A50-3-80	3	11	15	5	10	80	
54.804.80.1	HSK-A50-4-80	4	14	22		20		
54.805.80.1	HSK-A50-5-80	5	16					
54.8006.80.1	HSK-A50-6-80	6	21	27	10	36	120	
54.8006.120.1	HSK-A50-6-120						8	80
54.8008.80.1	HSK-A50-8-80	120						
54.8008.120.1	HSK-A50-8-120							
54.8010.85.1	HSK-A50-10-85	10	24	32		42	85	
54.8010.120.1	HSK-A50-10-120						120	



TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

HSK-A50 4.5° Shrink / HSK-A50 4.5° 热缩刀柄



G2.5 25,000min⁻¹

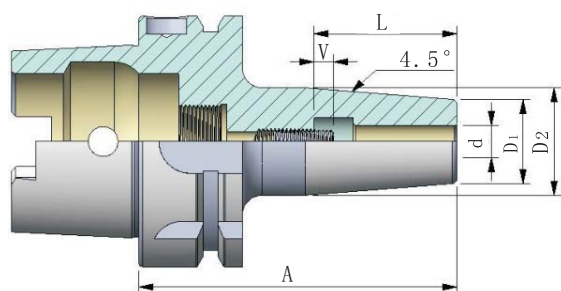
4Xd $\leq$ 0.005

HSK-A50 4.5° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	V 微调长度	L	A 有效长度		
54.8012.90.1	HSK-A50-12-90	12	24	32	10	47	90		
54.8012.120.1	HSK-A50-12-120						120		
54.8014.90.1	HSK-A50-14-90	14	27	24			47	90	
54.8014.120.1	HSK-A50-14-120							120	
54.8016.95.1	HSK-A50-16-95	16	27	24		50	95		
54.8016.120.1	HSK-A50-16-120						120		
54.8018.95.1	HSK-A50-18-95	18	33	42			50	95	
54.8018.120.1	HSK-A5018-120							120	
54.8020.100.1	HSK-A50-20-100	20	33	42		52	100		
54.8020.120.1	HSK-A50-20-120						120		
64.8003.80.1	HSK-A63-3-80	3	11	15	5	10	80		
64.8003.120.1	HSK-A63-3-120						120		
64.8004.80.1	HSK-A63-4-80	4	14	22		20	80		
64.8004.120.1	HSK-A63-4-120						120		
64.8005.80.1	HSK-A63-5-80	5	16	22			20	80	
64.8005.120.1	HSK-A63-5-120							120	

DIN 69893 (HSK)

HSK-A63 4.5° Shrink / HSK-A63 4.5° 热缩刀柄



G2.5 25,000min⁻¹

4Xd ↗ ≤ 0.005

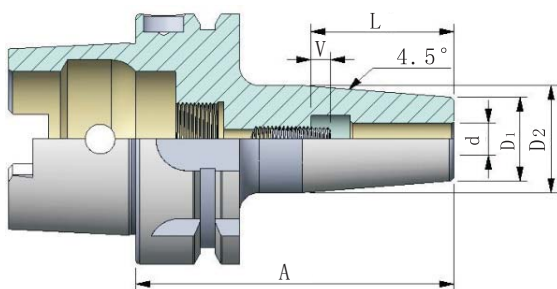
HSK-A63 4.5° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	V 微调长度	L	A 有效长度		
64.8006.80.1	HSK-A63-6-80	6	21	27	10	36	80		
64.8006.120.1	HSK-A63-6-120						120		
64.8008.80.1	HSK-A63-8-80	8	24	32			42	80	
64.8008.120.1	HSK-A63-8-120							120	
64.8010.85.1	HSK-A63-10-85	10	27	34		47	85		
64.8010.120.1	HSK-A63-10-120						120		
64.8012.90.1	HSK-A63-12-90	12	33	39		50	90		
64.8012.120.1	HSK-A63-12-120						120		
64.8014.90.1	HSK-A63-14-90	14	33	39	52	90			
64.8014.120.1	HSK-A63-14-120					120			
64.8016.95.1	HSK-A63-16-95	16	33	42	55	95			
64.8016.120.1	HSK-A63-16-120					120			
64.8018.95.1	HSK-A63-18-95	18	33	42	58	95			
64.8018.120.1	HSK-A63-18-120					120			
64.8020.100.1	HSK-A63-20-100	20	33	42	60	100			
64.8020.120.1	HSK-A63--20-120					120			



TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

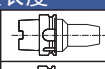
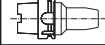
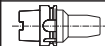
HSK-A63 4.5° Shrink / HSK-A63 4.5° 热缩刀柄



G2.5 25,000min⁻¹

4xd  ≤ 0.005

HSK-A63 4.5° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	V 微调长度	L	A 有效长度	
64.8025.115.1	HSK-A63-25-115	25	44	53	10	58	115	
64.8025.120.1	HSK-A63-25-120						120	
64.8032.120.1	HSK-A63-32-120	32				61	120	

应用范围: 装夹迅速, 夹紧力大, 高速切削.

适用于夹持高速钢HSS和硬质合金圆柱柄刀具.

直径为Ø3, Ø4和Ø5的被夹持刀具的柄部公差

要求达到h4, 直径为Ø6~Ø32的被夹持柄部公

差要求达到h6

相关配件: 延长杆, 冷却导管

Use: For mounting straight-shank tools

Note: Toolholders suitable for induction-,

contact-and hot air shrink units.

Ø3,4,5 with h4-tolerance and Ø6-Ø32

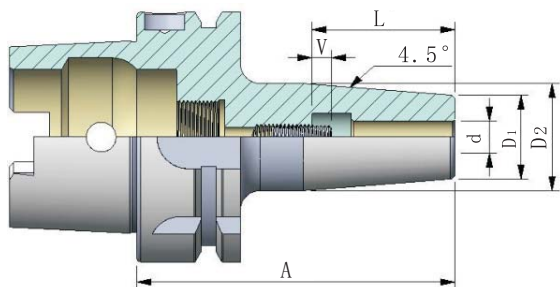
with h6-tolerance

Accessories: Extension Chuck



DIN 69893 (HSK)

HSK-A63 4.5° Shrink / HSK-A63 4.5° 热缩刀柄 (端面通水)



G2.5 25,000min⁻¹

4xd ≤ 0.005

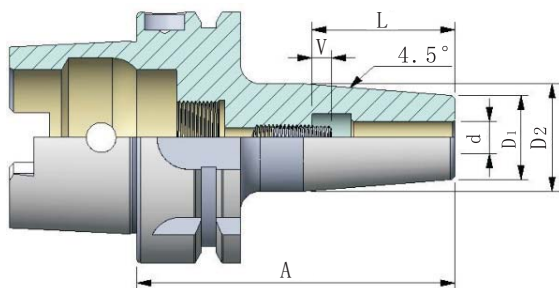
HSK-A63 4.5° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	L	V 微调长度	A 有效长度	
64.8003.160.3	HSK-A63-3-160	3	11	15	10	—	160	
64.8004.160.3	HSK-A63-4-160	4	14	22	20	5	160	
64.8005.160.3	HSK-A63-5-160	5	16	22	20	5	160	
64.8006.160.3	HSK-A63-6-160	6	21	27	36	10	160	
64.8008.160.3	HSK-A63-8-160	8	21	27	36	10	160	
64.8010.160.3	HSK-A63-10-160	10	24	32	41	10	160	
64.8012.160.3	HSK-A63-12-160	12	24	32	47	10	160	
64.8014.160.3	HSK-A63-14-160	14	27	34	47	10	160	
64.8016.160.3	HSK-A63-16-160	16	27	34	50	10	160	
64.8018.160.3	HSK-A63-18-160	18	33	42	50	10	160	
64.8020.160.3	HSK-A63-20-160	20	33	42	52	10	160	
64.8025.160.3	HSK-A63-25-160	25	44	53	58	10	160	
64.8032.160.3	HSK-A63-32-160	32	44	53	62	10	160	
64.8006.200.3	HSK-A63-6-200	6	21	27	36	10	200	
64.8008.200.3	HSK-A63-8-200	8	21	27	36	10	200	
64.8010.200.3	HSK-A63-10-200	10	24	32	41	10	200	
64.8012.200.3	HSK-A63-12-200	12	24	32	47	10	200	
64.8016.200.3	HSK-A63-16-200	16	27	34	50	10	200	



TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

HSK-A63 4.5° Shrink / HSK-A63 4.5° 热缩刀柄(端面通水)



G2.5 25,000min⁻¹

4xd ≤ 0.005

HSK-A63 45° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	L	V 微调长度	A 有效长度
64.8020.200.3	HSK-A63-20-200	20	33	42	52	10	200
64.8032.200.3	HSK-A63-32-200	32	44	53	62	10	200

应用范围: 装夹迅速, 夹紧力大, 高速切削。
适用于夹持高速钢HSS和硬质合金圆柱柄刀具。
直径为Ø3, Ø4和Ø5的被夹持刀具的柄部公差要求达到h4, 直径为Ø6~Ø32的被夹持柄部公差要求达到h6

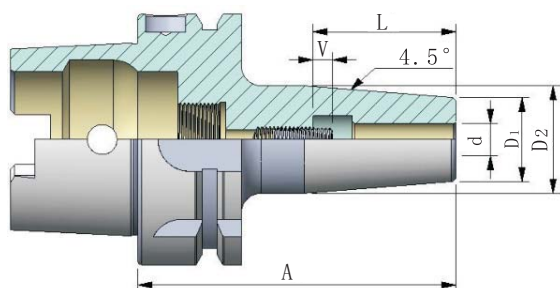
相关配件: 延长杆、冷却导管



Use: For mounting straight-shank tools
Note: Toolholders suitable for induction-, contact-and hot air shrink units.
Ø3,4,5 with h4-tolerance and Ø6-Ø32 with h6-tolerance
Accessories: Extension Chuck

DIN 69893 (HSK)

HSK-A80 4.5° Shrink / HSK-A80 4.5° 热缩刀柄



G2.5 25,000min⁻¹

4xd ≤ 0.005

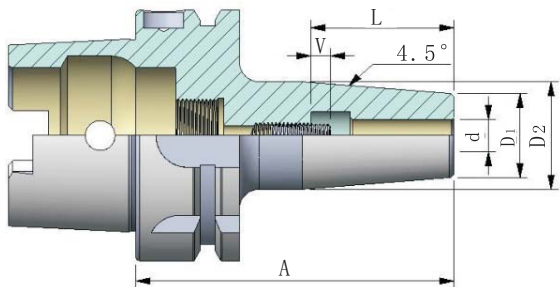
HSK-A80 45° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	L	V 微调长度	A 有效长度	
84.8004.80.1	HSK-A80-4-80	4	14	22	20	5	80	
84.8006.85.1	HSK-A80-6-85	6	21	27	36	10	85	
84.8008.85.1	HSK-A80-8-85	8	21	27	36	10	85	
84.8010.90.1	HSK-A80-10-90	10	24	32	42	10	90	
84.8012.95.1	HSK-A80-12-95	12	24	32	47	10	95	
84.8014.95.1	HSK-A80-14-95	14	27	34	47	10	95	
84.8016.100.1	HSK-A80-16-100	16	27	34	50	10	100	
84.8018.100.1	HSK-A80-18-100	18	33	42	50	10	100	
84.8020.105.1	HSK-A80-20-105	20	33	42	52	10	105	
84.8025.115.1	HSK-A80-25-115	25	44	53	58	10	115	
84.8032.120.1	HSK-A80-32-120	32	44	53	61	10	120	
84.8006.120.1	HSK-A80-6-120	6	21	27	36	10	120	
84.8008.120.1	HSK-A80-8-120	8	21	27	36	10	120	
84.8010.120.1	HSK-A80-10-120	10	24	32	41	10	120	
84.8012.120.1	HSK-A80-12-120	12	24	32	47	10	120	
84.8014.120.1	HSK-A80-14-120	14	27	34	47	10	120	
84.8006.160.1	HSK-A80-6-160	6	21	27	36	10	160	



TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

HSK-A80 4.5° Shrink / HSK-A80 4.5° 热缩刀柄



G6.3 15,000min⁻¹

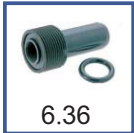
4Xd $\leq$ 0.005

HSK-A80 45° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	L	V 微调长度	A 有效长度	
84.8008.160.1	HSK-A80-8-160	8	21	27	36	10	160	
84.8010.160.1	HSK-A80-10-160	10	24	32	41	10	160	
84.8012.160.1	HSK-A80-12-160	12	24	32	47	10	160	
84.8014.160.1	HSK-A80-14-160	14	27	34	47	10	160	
84.8016.160.1	HSK-A80-16-160	16	27	34	50	10	160	
84.8018.160.1	HSK-A80-18-160	18	33	42	50	10	160	
84.8020.160.1	HSK-A80-20-160	20	33	42	52	10	160	
84.8025.160.1	HSK-A80-25-160	25	44	53	58	10	160	

应用范围: 装夹迅速, 夹紧力大, 高速切削。
适用于夹持高速钢HSS和硬质合金圆柱柄刀具。
直径为Ø3, Ø4和Ø5的被夹持刀具的柄部公差要求达到h4, 直径为Ø6~Ø32的被夹持柄部公差要求达到h6

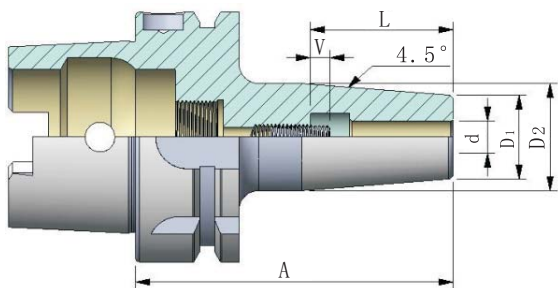
相关配件: 延长杆、冷却导管



Use: For mounting straight-shank tools
Note: Toolholders suitable for induction-, contact-and hot air shrink units.
Ø3,4,5 with h4-tolerance and Ø6-Ø32 with h6-tolerance
Accessories: Extention Chuck

DIN 69893 (HSK)

HSK-A100 4.5° Shrink / HSK-A100 4.5° 热缩刀柄



G2.5 25,000min⁻¹

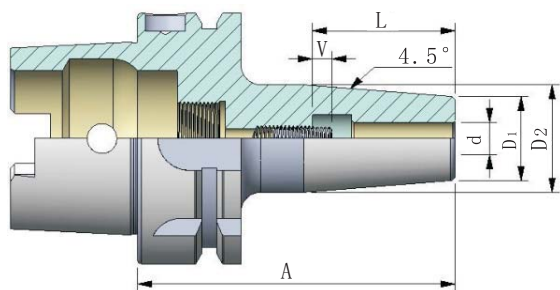
4Xd ≤ 0.005

HSK-A100 4.5° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	L	V 微调长度	A 有效长度	
104.8004.85.1	HSK-A100-4-85	4	14	22	20	5	85	
104.8005.85.1	HSK-A100-5-85	5	16	22	20	5	85	
104.8006.85.1	HSK-A100-6-85	6	21	27	36	10	85	
104.8008.85.1	HSK-A100-8-85	8	21	27	36	10	85	
104.8010.90.1	HSK-A100-10-90	10	24	32	42	10	90	
104.8012.95.1	HSK-A100-12-95	12	24	32	47	10	95	
104.8014.95.1	HSK-A100-14-95	14	27	34	47	10	95	
104.8016.100.1	HSK-A100-16-100	16	27	34	50	10	100	
104.8018.100.1	HSK-A100-18-100	18	33	42	50	10	100	
104.8020.105.1	HSK-A100-20-105	20	33	42	52	10	105	
104.8025.120.1	HSK-A100-25-120	25	44	53	56	10	120	
104.8032.120.1	HSK-A100-32-120	32	44	53	62	10	120	
104.8040.150.1	HSK-A100-40-150	40	78	90	90	10	150	
104.8050.150.1	HSK-A100-50-150	50	78	90	90	10	150	
104.8006.120.1	HSK-A100-06-120	6	21	27	36	10	120	
104.8008.120.1	HSK-A100-08-120	8	21	27	36	10	120	
104.8010.120.1	HSK-A100-10-120	10	24	32	41	10	120	
104.8012.120.1	HSK-A100-12-120	12	24	32	47	10	120	

TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

HSK-A100 4.5° Shrink / HSK-A100 4.5° 热缩刀柄



G2.5 25,000min⁻¹

4Xd $\leq$ 0.005

HSK-A100 4.5° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	L	V 微调长度	A 有效长度	
104.8006.160.1	HSK-A100-6-160	6	21	27	36	10	160	
104.8008.160.1	HSK-A100-8-160	8	21	27	36	10	160	
104.8010.160.1	HSK-A100-10-160	10	24	32	41	10	160	
104.8012.160.1	HSK-A100-12-160	12	24	32	47	10	160	
104.8014.160.1	HSK-A100-14-160	14	27	34	47	10	160	
104.8016.160.1	HSK-A100-16-160	16	27	34	50	10	160	
104.8018.160.1	HSK-A100-18-160	18	33	42	50	10	160	
104.8020.160.1	HSK-A100-20-160	20	33	42	52	10	160	
104.8025.160.1	HSK-A100-25-160	25	44	53	58	10	160	
104.8032.160.1	HSK-A100-32-160	32	44	53	62	10	160	
104.8014.120.1	HSK-A100-14-120	14	27	34	47	10	120	
104.8016.120.1	HSK-A100-16-120	16	27	34	50	10	120	
104.8018.120.1	HSK-A100-18-120	18	33	42	50	10	120	
104.8020.120.1	HSK-A100-20-120	20	33	42	52	10	120	

应用范围: 装夹迅速, 夹持力大, 高速切削。
适用于夹持高速钢HSS和硬质合金圆柱柄刀具。
直径为Ø3, Ø4和Ø5的被夹持刀具的柄部公差
要求达到h4, 直径为Ø6~Ø32的被夹持柄部公
差要求达到h6

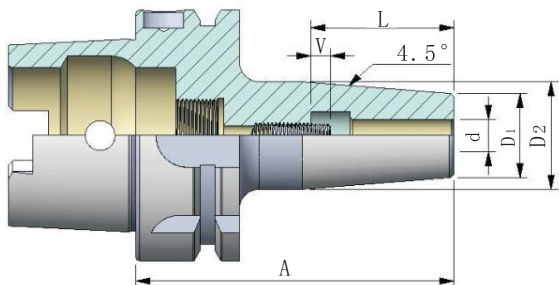
相关配件: 延长杆、冷却导管



Use: For mounting straight-shank tools
Note: Toolholders suitable for induction-,
contact-and hot air shrink units.
Ø3,4,5 with h4-tolerance and Ø6-Ø32
with h6-tolerance

Accessories: Extension Chuck

HSK-A100 4.5° Shrink / HSK-A100 4.5° 热缩刀柄(端面通水)



G2.5 25,000min⁻¹

4Xd ↗ ≤ 0.005

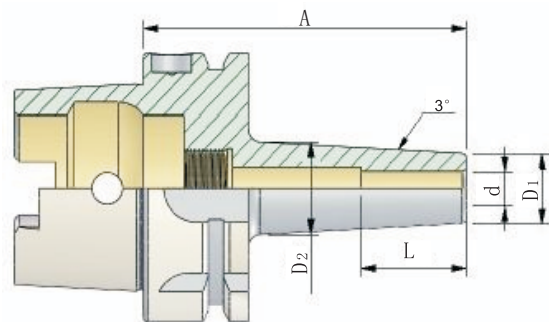
HSK-A100 4.5° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	L	V 微调长度	A 有效长度	
104.8005.80.3	HSK-A100-5-80	5	16	22	20	5	80	
104.8006.80.3	HSK-A100-6-80	6	21	27	36	10	80	
104.8008.80.3	HSK-A100-8-80	8	21	27	36	10	80	
104.8010.85.3	HSK-A100-10-85	10	24	32	42	10	85	
104.8012.90.3	HSK-A100-12-90	12	24	32	47	10	90	
104.8014.90.3	HSK-A100-14-90	14	27	34	47	10	90	
104.8016.95.3	HSK-A100-16-95	16	27	34	50	10	95	
104.8018.95.3	HSK-A100-18-95	18	33	42	50	10	95	
104.8020.100.3	HSK-A100-20-100	20	33	42	52	10	100	
104.8025.115.3	HSK-A100-25-115	25	44	53	58	10	115	
104.8032.120.3	HSK-A100-32-120	32	44	53	61	10	120	
104.8005.120.3	HSK-A100-5-120	5	16	22	20	5	120	
104.8006.120.3	HSK-A100-6-120	6	21	27	36	10	120	
104.8008.120.3	HSK-A100-8-120	8	21	27	36	10	120	
104.8010.120.3	HSK-A100-10-120	10	24	32	42	10	120	
104.8012.120.3	HSK-A100-12-120	12	24	32	47	10	120	
104.8014.120.3	HSK-A100-14-120	14	27	34	47	10	120	
104.8016.120.3	HSK-A100-16-120	16	27	34	50	10	120	
104.8018.120.3	HSK-A100-18-120	18	33	42	50	10	120	
104.8020.120.3	HSK-A100-20-120	20	33	42	52	10	120	
104.8025.120.3	HSK-A100-25-120	25	44	53	58	10	120	



TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

HSK-A40 3° Shrink / HSK-A40 3° 热缩刀柄



G2.5 25,000min⁻¹

4Xd $\leq$ 0.005

HSK-A40 3° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	L	A 有效长度	
44.8103.60.1	HSK-A40-3-60	3	9	19	9	60	
44.8103.120.1	HSK-A40-3-120					120	
44.8104.60.1	HSK-A40-4-60	4	10	20	12	60	
44.8104.120.1	HSK-A40-4-120					120	
44.8105.60.1	HSK-A40-5-60	5	11	21	15	60	
44.8105.120.1	HSK-A40-5-120					120	
44.8106.80.1	HSK-A40-6-80	6	12	22	25	80	
44.8106.120.1	HSK-A40-6-120					120	
44.8108.80.1	HSK-A40-8-80	8	14	24		80	
44.8108.120.1	HSK-A40-8-120					120	
44.8110.80.1	HSK-A40-10-80	10	16	26	32	80	
44.8110.120.1	HSK-A40-10-120					120	
44.8112.90.1	HSK-A40-12-90	12	18	28	38	90	
44.8112.120.1	HSK-A40-12-120					120	

应用范围: 装夹迅速, 夹紧力大, 高速切削.

适用于夹持高速钢HSS和硬质合金圆柱柄刀具.
直径为Ø3, Ø4和Ø5的被夹持刀具的柄部公差要求达到h4, 直径为Ø6~Ø32的被夹持柄部公差要求达到h6

相关配件: 延长杆、冷却导管

Use: For mounting straight-shank tools

Note: Toolholders suitable for induction-, contact- and hot air shrink units.
Ø3, 4, 5 with h4-tolerance and Ø6-Ø32 with h6-tolerance

Accessories: Extension Chuck



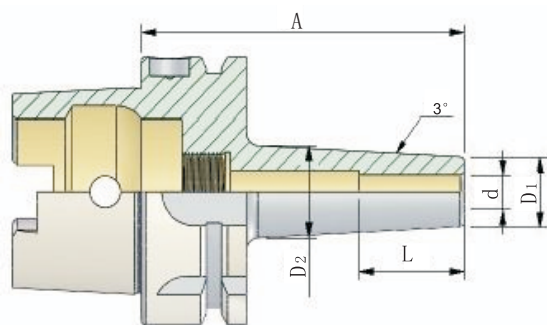
6.45-6.49



6.36

DIN 69893 (HSK)

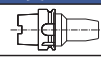
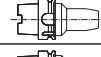
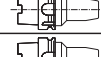
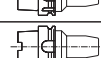
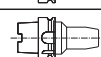
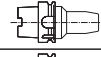
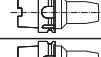
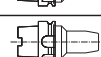
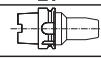
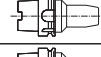
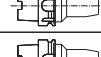
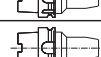
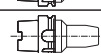
HSK-A50 3° Shrink / HSK-A50 3° 热缩刀柄



G2.5 25,000min⁻¹

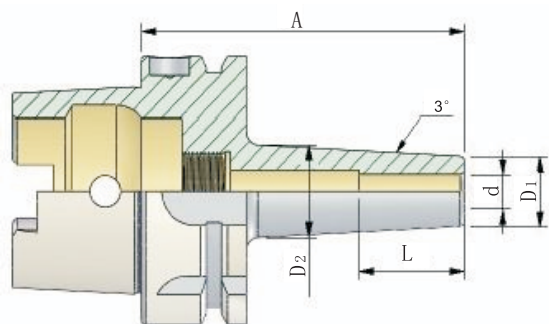
4Xd ↗ ≤ 0.005

HSK-A50 3° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	L	A 有效长度	
54.8104.60.1	HSK-A50-4-60	4	9	18.6	12	60	
54.8105.60.1	HSK-A50-5-60	5	10	19.6	15		
54.8106.60.1	HSK-A50-6-60	6	11		25		
54.8108.80.1	HSK-A50-8-80	8	12	21.6		80	
54.8108.120.1	HSK-A50-8-120					120	
54.8110.80.1	HSK-A50-10-80	10	14	23.6	32	80	
54.8110.120.1	HSK-A50-10-120					120	
54.8112.85.1	HSK-A50-12-85	12	16	25.6	38	85	
54.8112.120.1	HSK-A50-12-120					120	
54.8114.90.1	HSK-A50-14-90	14	18	27.6		90	
54.8114.120.1	HSK-A50-14-120					120	
54.8116.90.1	HSK-A50-16-90	16	20	29.6	40	90	
54.8116120.1	HSK-A50-16-120					120	
54.8118.95.1	HSK-A50-18-95	18	22	31.6	42	95	
54.8118.120.1	HSK-A50-18-120					120	
54.8120.100.1	HSK-A50-20-100	20			44	100	
54.8120.120.1	HSK-A50-20-120					120	

TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

HSK-A63 3° Shrink / HSK-A63 3° 热缩刀柄



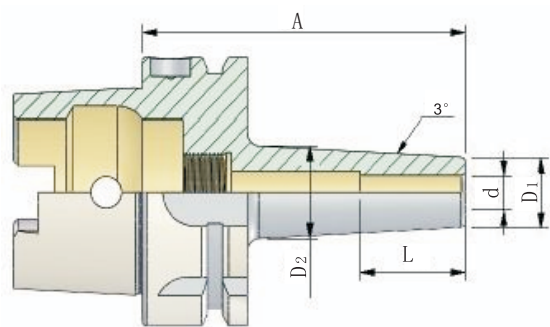
G2.5 25,000min⁻¹

4Xd ≤ 0.005

HSK-A63 3° 液压刀柄

Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	L	A 有效长度	
64.8103.80.1	HSK-A63-3-80	3	9	17.1	9	80	
64.8104.80.1	HSK-A63-4-80	4	10	18.1	12		
64.8105.80.1	HSK-A63-5-80	5	11	19.1	15		
64.8106.80.1	HSK-A63-6-80	6	12	20.1	25	120	
64.8106.120.1	HSK-A63-6-120					80	
64.8108.80.1	HSK-A63-8-80	8	14	22.1		120	
64.8108.120.1	HSK-A63-8-120					85	
64.8110.85.1	HSK-A63-10-85	10	16	24.1	32	120	
64.8110.120.1	HSK-A63-10-120					90	
64.8112.90.1	HSK-A63-12-90	12	18	26.1	38	120	
64.8112.120.1	HSK-A63-12-120					90	
64.8114.90.1	HSK-A63-14-90	14	20	28.1		120	
64.8114.120.1	HSK-A63-14-120					95	
64.8116.95.1	HSK-A63-16-95	16	22	30.1	40	120	
64.8116.120.1	HSK-A63-16-120					95	
64.8118.95.1	HSK-A63-18-95	18	24	32.1	42	120	
64.8118.120.1	HSK-A6318-120					95	

HSK-A63 3° Shrink / HSK-A63 3° 热缩刀柄



G2.5 25,000min⁻¹

4Xd ≤ 0.005

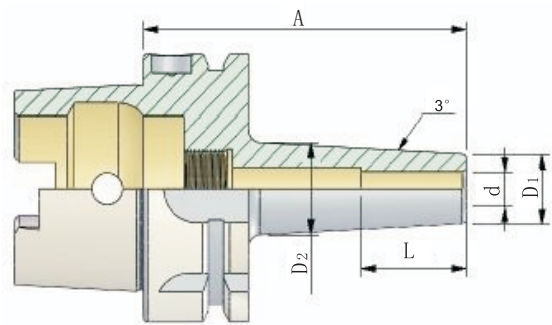
HSK-A63 3° 液压刀柄

Order No. 货号	Size 规格	d 夹持直径	D ₁	D ₂	L	A 有效长度	
64.8120.100.1	HSK-A63-20-100	20	26	34.1	44	100	
64.8120.120.1	HSK-A63-20-120					120	
64.8125.115.1	HSK-A63-25-115	25	31	39.1	50	115	
64.8125.130.1	HSK-A63-25-130					130	
64.8132.120.1	HSK-A63-32-120	32	38	46.1		120	
64.8132.130.1	HSK-A63-32-130					130	
104.8106.85.1	HSK-A100-6-85	6	12	24.8	25	85	
104.8106.130.1	HSK-A100-6-130					130	
104.8108.85.1	HSK-A100-8-85	8	14			85	
104.8108.130.1	HSK-A100-8-130					130	
104.8110.90.1	HSK-A100-10-90	10	16		32	90	
104.8110.130.1	HSK-A100-10-130					130	
104.8112.95.1	HSK-A100-12-95	12	18		38	95	
104.8112.130.1	HSK-A100-12-130					130	
104.8114.95.1	HSK-A100-14-95	14	20			95	
104.8114.130.1	HSK-A100-14-130					130	
104.8116.100.1	HSK-A100-16-100	16	22		40	95	
104.8116.130.1	HSK-A100-16-130					130	



TOOL HOLDER / 刀柄 DIN 69893-1 (HSK-A)

HSK-A100 3° Shrink /HSK-A100 3° 热缩刀柄



G2.5 25,000min⁻¹

4Xd ≤ 0.005

HSK-A63 3° 热缩刀柄

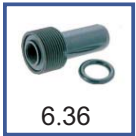
Order No. 货号	Size 规格	d 夹持直径	D1	D2	L	A 有效长度	
104.8118.100.1	HSK-A100-18-100	18	24	39.2	42	100	
104.8118.130.1	HSK-A100-18-130					130	
104.8120.105.1	HSK-A100-20-105	20	26		44	105	
104.8120.130.1	HSK-A100-20-130					130	
104.8125.115.1	HSK-A100-25-115	25	31		50	115	
104.8125.130.1	HSK-A100-25-130					130	
104.8132.120.1	HSK-A100-32-120	32	38			120	
104.8132.150.1	HSK-A100-32-150					150	

应用范围: 装夹迅速, 夹紧力大, 高速切削.
适用于夹持高速钢HSS和硬质合金圆柱柄刀具.
直径为Ø3, Ø4和Ø5的被夹持刀具的柄部公差要求达到h4, 直径为Ø6~Ø32的被夹持柄部公差要求达到h6

相关配件: 延长杆、冷却导管

Use: For mounting straight-shank tools
Note: Toolholders suitable for induction-, contact- and hot air shrink units.
Ø3,4,5 with h4-tolerance and Ø6-Ø32 with h6-tolerance

Accessories: Extension Chuck



DIN 69893 (HSK)

HSK-A-Drill Chucks / HSK-A-镗刀柄体



Order No. 货号	Size 规格	D	A 有效长度
34.5332.100	HSK-A32	32.5	100
44.5340.160	HSK-A40	40.5	160
54.5350.200	HSK-A50	50.5	200
64.5363.250	HSK-A63	63.5	250
84.5380.250	HSK-A80	80.5	250
104.5397.250	HSK-A100	97.5	250

应用范围: 用来加工成特殊刀柄
技术信息: A型中心不通水

Use: For manufacturing speical tools holder
Information: Form A without central collant supply

TOOL HOLDER / 刀柄 DIN 69893-5 (HSK-E)



ER弹簧夹头刀柄 ————— 3.46



侧固式铣刀柄 ————— 3.47



面铣刀柄 ————— 3.49



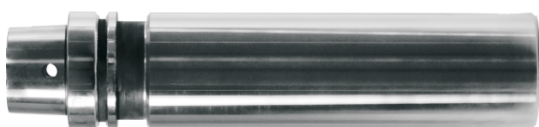
钻夹头刀柄 ————— 3.50



液压刀柄 ————— 3.51

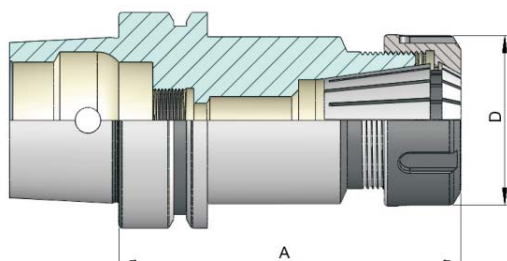


热缩刀柄 ————— 3.52



镗刀柄体 ————— 3.55

HSK-E Collet Chuck ER / HSK- E- ER弹簧夹头刀柄



G2.5 25,000min⁻¹

≤ 0.003

HSK-E-ER弹簧夹头刀柄

Order No. 货号	Size 规格	Capacity 夹持范围	D 螺帽外径	A 有效长度	
25.1016.65	HSK-E25-16-60 ER16	1-10	28	65	
25.1025.70	HSK-E25-25-70 ER25	1-16	50	70	
35.1025.75	HSK-E32-25-75 ER25	1-16	35	75	
35.1032.85	HSK-E32-32-85 ER32	2-20	50	85	
45.1016.65	HSK-E40-16-65 ER16	1-10	28	65	
45.1025.75	HSK-E40-25-75 ER25	1-16	42	75	
45.1032.75	HSK-E40-32-75 ER32	2-20	50	75	
55.1016.60	HSK-E50-60 ER16	1-10	28	60	
55.1025.80	HSK-E50-80 ER25	1-16	42	80	
55.1032.80	HSK-E50-80 ER32	2-20	50	80	
55.1040.85	HSK-E50-85 ER40	3-26	63	85	
65.1025.75	HSK-E63-60-75 ER40	1-16	42	75	
65.1032.80	HSK-E63-16-80 ER16	2-20	50	80	
65.1040.90	HSK-E63-40-90 ER40	3-26	63	90	
65.1016.120	HSK-E63-40-120 ER40	1-10	28	120	

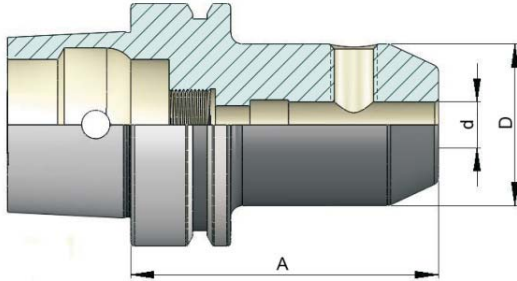
相关配件: 扳手,ER夹头





TOOL HOLDER / 刀柄 DIN 69893-5 (HSK-E)

HSK-E Weldon Toolholder (Side Lock) / HSK- E- 侧固式铣刀柄



G2.5 25,000min⁻¹

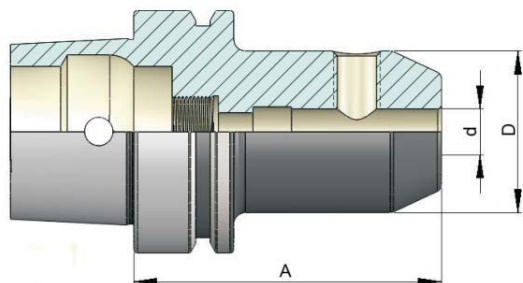
≤ 0.003

HSK-E-侧固式铣刀柄

Order No. 货号	Size 规格	d	D 螺帽外径	A 有效长度	
65.2006.65	HSK-E63-6-65	6	15	65	
65.2008.65	HSK-E63-8-65	8	20	65	
65.2010.65	HSK-E63-10-65	10	25	65	
65.2012.80	HSK-E63-12-80	12	30	80	
65.2014.80	HSK-E63-14-80	14	32	80	
65.2016.80	HSK-E63-16-80	16	36	80	
65.2018.80	HSK-E63-18-80	18	38	80	
65.2020.80	HSK-E63-20-80	20	40	80	
65.2025.110	HSK-E63-25-110	25	46	110	
65.2032.110	HSK-E63-32-110	32	64	110	
35.2006.60	HSK-E32-6-60	6	25	60	
35.2008.60	HSK-E32-8-60	8	28	60	
35.2010.65	HSK-E32-10-65	10	35	65	
45.2006.60	HSK-E40-6-40	6	25	60	
45.2008.60	HSK-E40-8-60	8	28	60	
45.2010.60	HSK-E40-10-60	10	35	60	

DIN 69893 (HSK)

HSK-E Weldon Toolholder (Side Lock) / HSK-E -侧固式铣刀柄



G2.5 25,000min⁻¹

≤ 0.003

HSK-E-侧固式铣刀柄

Order No. 货号	Size 规格	d	D 螺帽外径	A 有效长度	
45.2012.70	HSK-E40-12-70	12	42	70	
45.2025.75	HSK-E40-25-75	25	44	75	
45.2032.75	HSK-E40-32-75	16	48	75	
55.2006.65	HSK-E50-6-65	6	25	65	
55.2008.65	HSK-E50-8-65	8	28	65	
55.2010.65	HSK-E50-10-65	10	35	65	
55.2012.80	HSK-E50-12-80	12	42	80	
55.2014.75	HSK-E50-14-80	14	44	80	
55.2016.80	HSK-E50-16-80	16	58	80	
55.2018.80	HSK-E50-18-80	18	50	80	
55.2020.80	HSK-E50-20-80	20	52	80	
55.2025.102	HSK-E50-25-102	25	65	102	

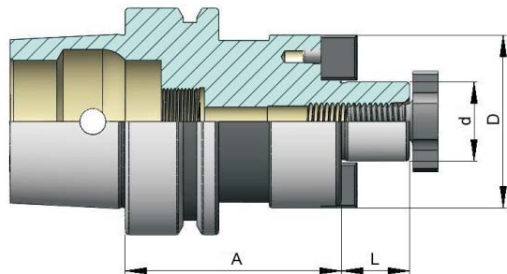
应用范围: 用来加工成特殊刀柄
技术信息: A型中心不通水

Use: For manufacturing speical tools holder
Information: Form A without central collant supply



TOOL HOLDER / 刀柄 DIN 69893-5 (HSK-E)

HSK-E Sell Mill Toolholder / HSK-E面铣刀柄



G2.5 15,000min⁻¹

≤ 0.003

HSK-E-面铣刀柄

Order No. 货号	Size 规格	d	L	D 螺帽外径	A 有效长度	
35.4116.50	HSK-E32-16-50	16	17	34	50	
45.4116.50	HSK-E40-16-50	16	17	34	50	
45.4122.50	HSK-E40-22-50	22	19	48	50	
45.4127.55	HSK-E40-27-55	27	21	60	55	
55.4116.50	HSK-E50-16-50	16	17	38	50	
55.4122.60	HSK-E50-22-60	22	19	48	60	
55.4127.60	HSK-E50-27-60	27	21	58	60	
65.4116.50	HSK-E63-16-50	16	17	38	50	
65.4122.60	HSK-E63-22-60	22	19	48	60	
65.4127.60	HSK-E63-27-60	27	21	58	60	
65.4132.60	HSK-E63-32-60	32	24	65	60	

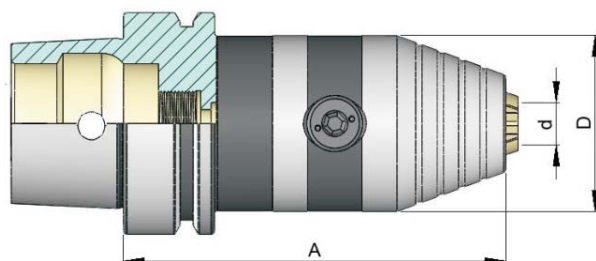
应用范围: 用来加工成特殊刀柄
 技术信息: A型中心不通水
 相关配件: 扳手 压紧螺栓

Use: For manufacturing speical tools holder
 Information: Form A without central collant supply



DIN 69893 (HSK)

HSK-E-Drill chucks / HSK-E-CNC钻夹头刀柄



G6.3 15,000min⁻¹

≤ 0.03

HSKE-高精密钻夹头刀柄

Order No. 货号	Size 规格	d 夹持范围	D	A 有效长度	
25.5008.70	HSK-E25-0/8-70	0-8	36	70	
35.5008.75	HSK-E32-0/8-75	0-8	36	75	
45.5008.80	HSK-E40-0/8-80	0-8	36	80	
45.5001.119	HSK-E40-1/13-119	1-13	50	119	
45.5002.124	HSK-E40-2.5/16-124	2.5-16	50	124	
55.5001.121	HSK-E50-1/13-121	1-13	50	121	
55.5002.126	HSK-E50-2.5/16-126	2.5-16	50	126	
65.5001.123	HSK-E40-1/13-123	1-13	50	123	
65.5002.129	HSK-E40-2.5/16-129	2.5-16	50	129	

应用范围: 夹持直径为0.5-16mm的钻头

技术信息: A型中心不通水

相关配件: T型六方扳手

Use: For manufacturing special tools holder

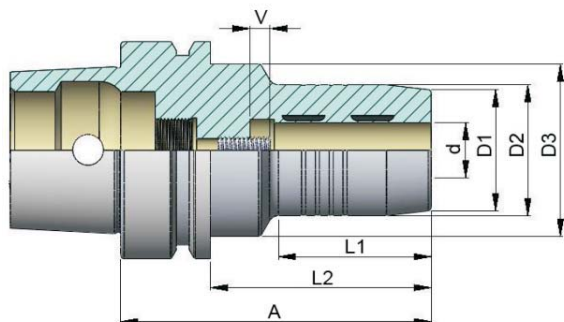
Information: Form A without central coolant supply



6.21

TOOL HOLDER / 刀柄 DIN 69893-5 (HSK-E)

HSK-E Hydraulic Chuck / HSK-E-液压刀柄



G2.5 25,000min⁻¹

2.5Xd ≤ 0.005

HSK-E液压刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	D3	L1	L2	V 微调长度	A 有效长度	
45.7006.70	HSK-E40-6-70	6	25	28	34	28	50	10	70	
45.7008.70	HSK-E40-8-70	8	27	30						
45.7010.75	HSK-E40-10-75	10	29	32		34	55		75	
45.7012.80	HSK-E40-12-80	12	31	34		-	60		80	
55.7006.70	HSK-E50-6-70	6	25	28	40	28	44	10	70	
55.7008.70	HSK-E50-8-70	8	27	30						
55.7010.75	HSK-E50-10-75	10	29	32		34	49		75	
55.7012.85	HSK-E50-12-85	12	31	34		44	59		85	
55.7016.90	HSK-E50-16-90	16	35	38	53	30	64		90	
55.7020.90	HSK-E50-20-90	20	40	43	60	29				

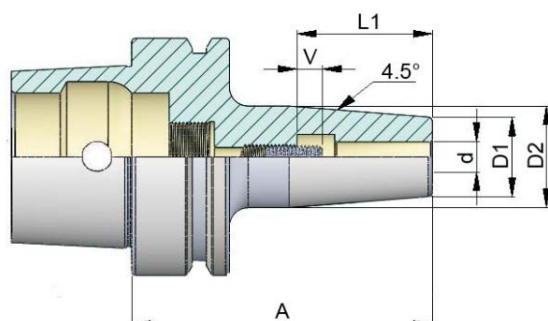
*同时有AD/B的冷却方式供选择，如货号为64.7010.150.1是AD的冷却方式
货号为51.7010.150.2是AD/B的冷却方式

应用范围: 用于夹持圆柱柄DIN1835A+B+E型和DIN6535
HA+HB+HE型(直径≥12mm时,可用减径套)
被夹持刀具的柄部公差要达到h6
相关配件: 液压减径套、扳手

Use: For mounting straight-shank tools acc
DIN 1835 form A+B+E and DIN 6535 form
HA+HB+HE (larger than dia.12mm only
with reduction sleeve)
The Tolerance of Tools Should be h6
Accessories: reduction sleeves, rivet



HSK-E50 4.5° 热缩刀柄



G2.5 40,000min⁻¹

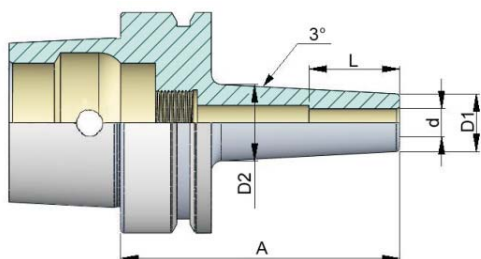
4Xd  ≤ 0.005

HSK-E50 4.5° 液压刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	V 微调长度	L1	A 有效长度	
55.8003.80	HSK-E50-3-80	3	11	15		10	80	
55.8004.80	HSK-E50-4-80	4	14	22	5	20		
55.8005.80	HSK-E50-5-80	5	16					
55.8006.80	HSK-E50-6-80	6	21	27	10	36	120	
55.8006.120	HSK-E50-6-120						80	
55.8008.80	HSK-E50-8-80	8	21	27			120	
55.8008.120	HSK-E50-8-120					120		
55.8010.85	HSK-E50-10-85	10	24	32		42	85	
55.8010.120	HSK-E50-10-120						120	
55.8012.90	HSK-E50-12-90	12	24	32		47	90	
55.8012.120	HSK-E50-12-120						120	
55.8014.90	HSK-E50-14-90	14	27	34			90	
55.8014.120	HSK-E50-14-120						120	
55.8016.95	HSK-E50-16-95	16	27	34		50	95	
55.8016.120	HSK-E50-16-120						120	
55.8018.95	HSK-E50-18-95	18	33	42	10		95	
55.8018.120	HSK-E50-18-120						120	
55.8020.100	HSK-E50-20-100	20	33	42		52	100	
55.8020.120	HSK-E50-20-120						120	

TOOL HOLDER / 刀柄 DIN 69893-5 (HSK-E)

HSK-E40 3° 热缩刀柄



G2.5 40,000min⁻¹

4Xd ≤ 0.005

HSK-E50 3° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	L	A 有效长度	
45.8103.60	HSK-E40-3-60	3	9	19	9	60	
45.8103.120	HSK-E40-3-120					120	
45.8104.60	HSK-E40-4-60	4	10	20	12	60	
45.8104.120	HSK-E40-4-120					120	
45.8105.60	HSK-E40-5-60	5	11	21	15	60	
45.8105.120	HSK-E40-5-120					120	
45.8106.80	HSK-E40-6-80	6	12	22	25	80	
45.8106.120	HSK-E40-6-120					120	
45.8108.80	HSK-E40-8-80	8	14	24		80	
45.8108.120	HSK-E40-8-120					120	
45.8110.80	HSK-E40-10-80	10	16	26	32	80	
45.8110.120	HSK-E40-10-120					120	
45.8112.90	HSK-E40-12-90	12	18	28	38	90	
45.8112.120	HSK-E40-12-120					120	
55.8104.60	HSK-E50-4-60	4	9	18.6	12	60	
55.8105.60	HSK-E50-5-60	5	10	19.6	15		

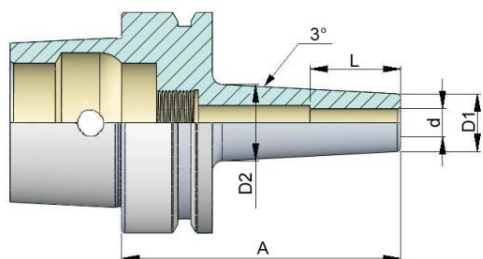
应用范围: 装夹迅速, 夹持力大, 高速切削.
适用于夹持高速钢HSS和硬质合金圆柱柄刀具.
直径为Ø3, Ø4和Ø5的被夹持刀具的柄部公差
要求达到h4, 直径为Ø6~Ø32的被夹持柄部公
差要求达到h6

相关配件: 延长杆



Use: For mounting straight-shank tools
Note: Toolholders suitable for induction-,
contact and hot air shrink units.
Ø3, 4, 5 with h4-tolerance and Ø6-Ø32
with h6-tolerance

HSK-E50 3° 热缩刀柄



G2.5 40,000min⁻¹

≤ 0.003

HSK-E50 3° 热缩刀柄

Order No. 货号	Size 规格	d 夹持直径	D1	D2	L	A 有效长度
55.8106.60	HSK-E50-6-60	6	11	19.6	25	
55.8108.80	HSK-E50-8-80	8	12	21.6		80 
55.8108.120	HSK-E50-8-120					120 
55.8110.80	HSK-E50-10-80	10	14	23.6	32	80 
55.8110.120	HSK-E50-10-120					120 
55.8112.85	HSK-E50-12-85	12	16	25.6	38	85 
55.8112.120	HSK-E50-12-120					100 
55.8114.90	HSK-E50-14-90	14	18	27.6		90 
55.8114.120	HSK-E50-14-120					120 
55.8116.90	HSK-E50-16-90	16	20	29.6	40	90 
55.8116.120	HSK-E50-16-120					120 
55.8118.95	HSK-E50-18-95	18	22	31.6	42	95 
55.8118.120	HSK-E50-18-120					120 
55.8120.100	HSK-E50-20-100	20			44	100 
55.8120.120	HSK-E50-20-120					120 

应用范围: 装夹迅速, 夹紧力大, 高速切削.

适用于夹持高速钢HSS和硬质合金圆柱柄刀具.
直径为Ø3, Ø4和Ø5的被夹持刀具的柄部公差要求达到h4, 直径为Ø6~Ø32的被夹持柄部公差要求达到h6

相关配件: 延长杆



6.45-6.49

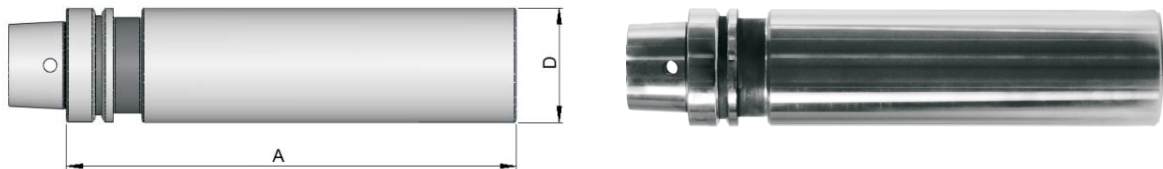
Use: For mounting straight-shank tools

Note: Toolholders suitable for induction-, contact- and hot air shrink units.
Ø3,4,5 with h4-tolerance and Ø6-Ø32 with h6-tolerance



TOOL HOLDER / 刀柄 DIN 69893-5 (HSK-E)

HSK-E-Drill Chucks / HSK-E-镗刀柄体



G6.3 15,000min⁻¹

≤ 0.03

HSK-E-镗刀柄体

Order No. 货号	Size 规格	D	A 有效长度	
25.5030.40	HSK-E25-30-40	30	40	
35.5032.100	HSK-E32-32-100	32.5	100	
45.5040.125	HSK-E40-40-125	40.5	125	
55.5050.125	HSK-E50-50-125	50.5	125	
65.5063.250	HSK-E63-63-250	63.5	250	

应用范围: 用来加工成特殊刀柄
技术信息: A型中心不通水

Use: For manufacturing speical tools holder
Information: Form A without central coolant supply

DIN 69893 (HSK)





弹簧夹头 ————— 6.02



拉钉 ————— 6.15



夹紧螺母 ————— 6.19



扳手 ————— 6.21



攻丝夹头 ————— 6.22



液压刀柄减径套 ————— 6.29



镗刀减径套 ————— 6.33



十字螺栓 ————— 6.34



冷却管导套 ————— 6.36



驱动环 ————— 6.37



直柄接杆/变径杆 ————— 6.38



直柄攻丝夹头 ————— 6.40



莫氏柄接杆/变径杆 — 6.41



莫氏柄攻丝卡头 ——— 6.44



热缩刀柄延长杆 ——— 6.45



钻夹头 ————— 6.50

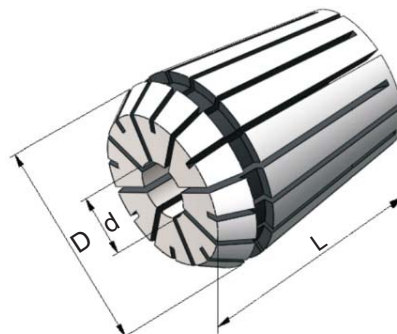


锁刀座 ————— 6.52



寻边器 ————— 6.54

DIN 6499 B Collets ER / ER弹簧夹头



standard
标准型



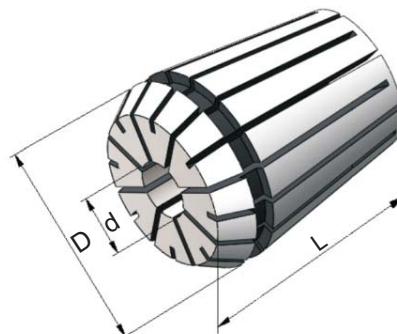
precision
高精型

Order No. (S) 货号 (标准型)	Size 规格	d 夹持直径	D	L	Size 规格	Order No. (P) 货号 (高精型)
1011.0001	ER11-01	0.5-1	11.5	18	ER11-01-P	1011.1001
1011.0002	ER11-02	1.5-2	11.5	18	ER11-02-P	1011.1002
1011.0003	ER11-03	2.5-3	11.5	18	ER11-03-P	1011.1003
1011.0004	ER11-04	3.5-4	11.5	18	ER11-04-P	1011.1004
1011.0005	ER11-05	4.5-5	11.5	18	ER11-05-P	1011.1005
1011.0006	ER11-06	5.5-6	11.5	18	ER11-06-P	1011.1006
1011.0007	ER11-07	6.5-7	11.5	18	ER11-07-P	1011.1007
1016.0001	ER16-01	0.5-1	17	27	ER16-01-P	1016.1001
1016.0002	ER16-02	1-2	17	27	ER16-02-P	1016.1002
1016.0003	ER16-03	2-3	17	27	ER16-03-P	1016.1003
1016.0004	ER16-04	3-4	17	27	ER16-04-P	1016.1004
1016.0005	ER16-05	4-5	17	27	ER16-05-P	1016.1005
1016.0006	ER16-06	5-6	17	27	ER16-06-P	1016.1006
1016.0007	ER16-07	6-7	17	27	ER16-07-P	1016.1007
1016.0008	ER16-08	7-8	17	27	ER16-08-P	1016.1008
1016.0009	ER16-09	8-9	17	27	ER16-09-P	1016.1009
1016.0010	ER16-10	9-10	17	27	ER16-10-P	1016.1010

DIN 6499 B Collets ER / ER弹簧夹头



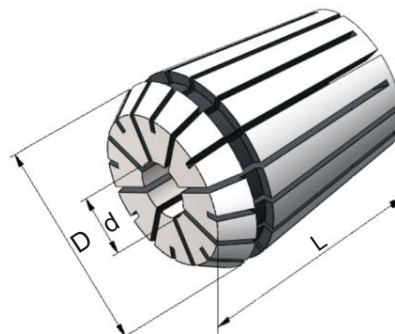
standard
标准型



precision
高精型

Order No. (S) 货号 (标准型)	Size 规格	d 夹持直径	D	L	Size 规格	Order No. (P) 货号 (高精型)
1020.0002	ER20-02	1.5-2	21	31.5	ER20-02-P	1020.1002
1020.0003	ER20-03	2-3	21	31.5	ER20-03-P	1020.1003
1020.0004	ER20-04	3-4	21	31.5	ER20-04-P	1020.1004
1020.0005	ER20-05	4-5	21	31.5	ER20-05-P	1020.1005
1020.0006	ER20-06	5-6	21	31.5	ER20-06-P	1020.1006
1020.0007	ER20-07	6-7	21	31.5	ER20-07-P	1020.1007
1020.0008	ER20-08	7-8	21	31.5	ER20-08-P	1020.1008
1020.0009	ER20-09	8-9	21	31.5	ER20-09-P	1020.1009
1020.0010	ER20-10	9-10	21	31.5	ER20-10-P	1020.1010
1020.0011	ER20-11	10-11	21	31.5	ER20-11-P	1020.1011
1020.0012	ER20-12	11-12	21	31.5	ER20-12-P	1020.1012
1020.0013	ER20-13	12-13	21	31.5	ER20-13-P	1020.1013
1025.0002	ER25-02	1.5-2	26	34	ER25-02-P	1025.1002
1025.0003	ER25-03	2-3	26	34	ER25-03-P	1025.1003
1025.0004	ER25-04	3-4	26	34	ER25-04-P	1025.1004
1025.0005	ER25-05	4-5	26	34	ER25-05-P	1025.1005
1025.0006	ER25-06	5-6	26	34	ER25-06-P	1025.1006

DIN 6499 B Collets ER / ER弹簧夹头



standard
标准型



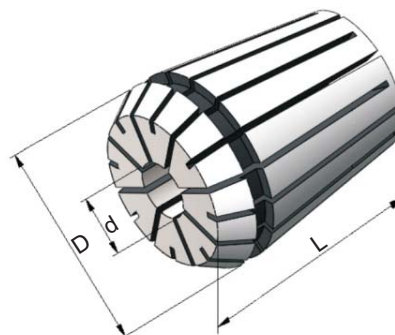
precision
高精型

Order No. (S) 货号 (标准型)	Size 规格	d 夹持直径	D	L	Size 规格	Order No. (P) 货号 (高精型)
1025.0007	ER25-07	6-7	26	34	ER25-07-P	1025.1007
1025.0008	ER25-08	7-8	26	34	ER25-08-P	1025.1008
1025.0009	ER25-09	8-9	26	34	ER25-09-P	1025.1009
1025.0010	ER25-10	9-10	26	34	ER25-10-P	1025.1010
1025.0011	ER25-11	10-11	26	34	ER25-11-P	1025.1011
1025.0012	ER25-12	11-12	26	34	ER25-12-P	1025.1012
1025.0013	ER25-13	12-13	26	34	ER25-13-P	1025.1013
1025.0014	ER25-14	13-14	26	34	ER25-14-P	1025.1014
1025.0015	ER25-15	14-15	26	34	ER25-15-P	1025.1015
1025.0016	ER25-16	15-16	26	34	ER25-16-P	1025.1016
1032.0002	ER32-02	1.5-2	33	40	ER32-02-P	1032.1002
1032.0003	ER32-03	2-3	33	40	ER32-03-P	1032.1003
1032.0004	ER32-04	3-4	33	40	ER32-04-P	1032.1004
1032.0005	ER32-05	4-5	33	40	ER32-05-P	1032.1005
1032.0006	ER32-06	5-6	33	40	ER32-06-P	1032.1006
1032.0007	ER32-07	6-7	33	40	ER32-07-P	1032.1007
1032.0008	ER32-08	7-8	33	40	ER32-08-P	1032.1008

DIN 6499 B Collets ER / ER弹簧夹头



standard
标准型



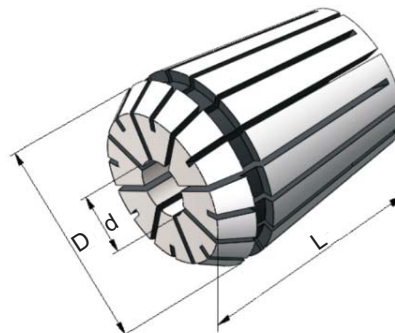
precision
高精型

Order No. (S) 货号 (标准型)	Size 规格	d 夹持直径	D	L	Size 规格	Order No. (P) 货号 (高精型)
1032.0009	ER32-09	8-9	33	40	ER32-09-P	1032.1009
1032.0010	ER32-10	9-10	33	40	ER32-10-P	1032.1010
1032.0011	ER32-11	10-11	33	40	ER32-11-P	1032.1011
1032.0012	ER32-12	11-12	33	40	ER32-12-P	1032.1012
1032.0013	ER32-13	12-13	33	40	ER32-13-P	1032.1013
1032.0014	ER32-14	13-14	33	40	ER32-14-P	1032.1014
1032.0015	ER32-15	14-15	33	40	ER32-15-P	1032.1015
1032.0016	ER32-16	15-16	33	40	ER32-16-P	1032.1016
1032.0017	ER32-17	16-17	33	40	ER32-17-P	1032.1017
1032.0018	ER32-18	17-18	33	40	ER32-18-P	1032.1018
1032.0019	ER32-19	18-19	33	40	ER32-19-P	1032.1019
1032.0020	ER32-20	19-20	33	40	ER32-20-P	1032.1020
1040.0002	ER40-02	2. 5-3	41	46	ER40-02-P	1040.1002
1040.0004	ER40-04	3-4	41	46	ER40-04-P	1040.1004
1040.0005	ER40-05	4-5	41	46	ER40-05-P	1040.1005
1040.0006	ER40-06	5-6	41	46	ER40-06-P	1040.1006
1040.0007	ER40-07	6-7	41	46	ER40-07-P	1040.1007
1040.0008	ER40-08	7-8	41	46	ER40-08-P	1040.1008

DIN 6499 B Collets ER / ER弹簧夹头



standard
标准型



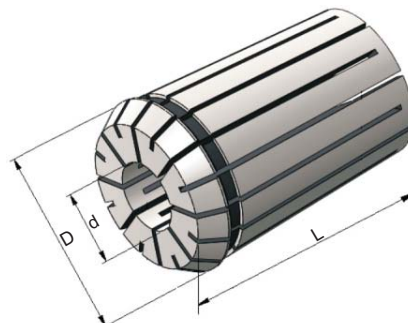
precision
高精型

Order No. (S) 货号 (标准型)	Size 规格	d 夹持直径	D	L	Size 规格	Order No. (P) 货号 (高精型)
1040.0009	ER40-09	8-9	41	46	ER40-09-P	1040.1009
1040.0010	ER40-10	9-10	41	46	ER40-10-P	1040.1010
1040.0011	ER40-11	10-11	41	46	ER40-11-P	1040.1011
1040.0012	ER40-12	11-12	41	46	ER40-12-P	1040.1012
1040.0013	ER40-13	12-13	41	46	ER40-13-P	1040.1013
1040.0014	ER40-14	13-14	41	46	ER40-14-P	1040.1014
1040.0015	ER40-15	14-15	41	46	ER40-15-P	1040.1015
1040.0016	ER40-16	15-16	41	46	ER40-16-P	1040.1016
1040.0017	ER40-17	16-17	41	46	ER40-17-P	1040.1017
1040.0018	ER40-18	17-18	41	46	ER40-18-P	1040.1018
1040.0019	ER40-19	18-19	41	46	ER40-19-P	1040.1019
1040.0020	ER40-20	19-20	41	46	ER40-20-P	1040.1020
1040.0021	ER40-21	20-21	41	46	ER40-21-P	1040.1021
1040.0022	ER40-22	21-22	41	46	ER40-22-P	1040.1022
1040.0023	ER40-23	22-23	41	46	ER40-23-P	1040.1023
1040.0024	ER40-24	23-24	41	46	ER40-24-P	1040.1024
1040.0025	ER40-25	24-25	41	46	ER40-25-P	1040.1025
1040.0026	ER40-26	25-26	41	46	ER40-26-P	1040.1026

DIN 6388 B Collets OZ / OZ弹簧夹头



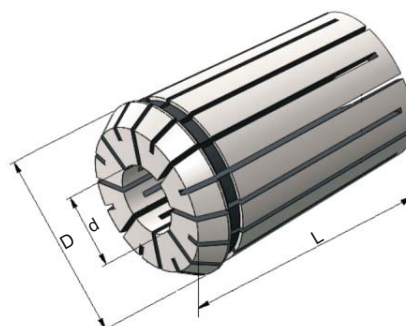
standard
标准型



precision
高精型

Order No. (S) 货号 (标准型)	Size 规格	d 夹持直径	D	L	Size 规格	Order No. (P) 货号 (高精型)
1116.0002	OZ16-02	1.5-2	25.5	40	OZ16-02-P	1116.1002
1116.0003	OZ16-03	2.5-3	25.5	40	OZ16-03-P	1116.1003
1116.0004	OZ16-04	3.5-4	25.5	40	OZ16-04-P	1116.1004
1116.0005	OZ16-05	4.5-5	25.5	40	OZ16-05-P	1116.1005
1116.0006	OZ16-06	5.5-6	25.5	40	OZ16-06-P	1116.1006
1116.0007	OZ16-07	6.5-7	25.5	40	OZ16-07-P	1116.1007
1116.0008	OZ16-08	7.5-8	25.5	40	OZ16-08-P	1116.1008
1116.0009	OZ16-09	8.5-9	25.5	40	OZ16-09-P	1116.1009
1116.0010	OZ16-10	9.5-10	25.5	40	OZ16-10-P	1116.1010
1116.0011	OZ16-11	10.5-11	25.5	40	OZ16-11-P	1116.1011
1116.0012	OZ16-12	11.5-12	25.5	40	OZ16-12-P	1116.1012
1116.0013	OZ16-13	12.5-13	25.5	40	OZ16-13-P	1116.1013
1116.0014	OZ16-14	13.5-14	25.5	40	OZ16-14-P	1116.1014
1116.0015	OZ16-15	14.5-15	25.5	40	OZ16-15-P	1116.1015
1116.0016	OZ16-16	15.5-16	25.5	40	OZ16-16-P	1116.1016
1125.0002	OZ25-02	1.5-2	35.05	52	OZ25-02-P	1125.1002
1125.0003	OZ25-03	2.5-3	35.05	52	OZ25-03-P	1125.1003

DIN 6388 B Collets OZ / OZ弹簧夹头




 standard
标准型

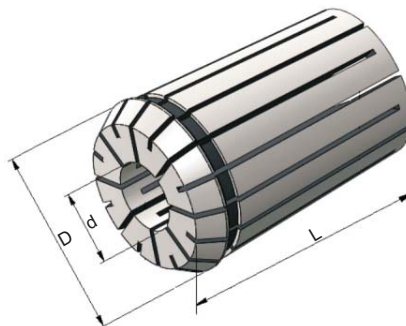

 precision
高精型

Order No. (S) 货号 (标准型)	Size 规格	d 夹持直径	D	L	Size 规格	Order No. (P) 货号 (高精型)
1125.0004	OZ25-04	3. 5-4	35. 05	52	OZ25-04-P	1125.1004
1125.0005	OZ25-05	4. 5-5	35. 05	52	OZ25-05-P	1125.1005
1125.0006	OZ25-06	5. 5-6	35. 05	52	OZ25-06-P	1125.1006
1125.0007	OZ25-07	6. 5-7	35. 05	52	OZ25-07-P	1125.1007
1125.0008	OZ25-08	7. 5-8	35. 05	52	OZ25-08-P	1125.1008
1125.0009	OZ25-09	8. 5-9	35. 05	52	OZ25-09-P	1125.1009
1125.0010	OZ25-10	9. 5-10	35. 05	52	OZ25-10-P	1125.1010
1125.0011	OZ25-11	10. 5-11	35. 05	52	OZ25-11-P	1125.1011
1125.0012	OZ25-12	11. 5-12	35. 05	52	OZ25-12-P	1125.1012
1125.0013	OZ25-13	12. 5-13	35. 05	52	OZ25-13-P	1125.1013
1125.0014	OZ25-14	13. 5-14	35. 05	52	OZ25-14-P	1125.1014
1125.0015	OZ25-15	14. 5-15	35. 05	52	OZ25-15-P	1125.1015
1125.0016	OZ25-16	15. 5-16	35. 05	52	OZ25-16-P	1125.1016
1125.0017	OZ25-17	16. 5-17	35. 05	52	OZ25-17-P	1125.1017
1125.0018	OZ25-18	17. 5-18	35. 05	52	OZ25-18-P	1125.1018
1125.0019	OZ25-19	18. 5-19	35. 05	52	OZ25-19-P	1125.1019
1125.0020	OZ25-20	19. 5-20	35. 05	52	OZ25-20-P	1125.1020
1125.0021	OZ25-21	20. 5-21	35. 05	52	OZ25-21-P	1125.1021

DIN 6388 B Collets OZ / OZ弹簧夹头



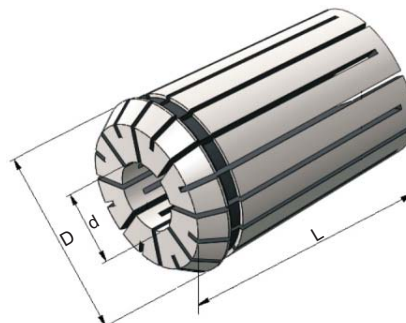
standard
标准型



precision
高精型

Order No. (S) 货号 (标准型)	Size 规格	d 夹持直径	D	L	Size 规格	Order No. (P) 货号 (高精型)
1125.0022	OZ25-22	21.5-22	35.05	52	OZ25-22-P	1125.1022
1125.0023	OZ25-23	22.5-23	35.05	52	OZ25-23-P	1125.1023
1125.0024	OZ25-24	23.5-24	35.05	52	OZ25-24-P	1125.1024
1125.0025	OZ25-25	24.5-25	35.05	52	OZ25-25-P	1125.1025
1132.0021	OZ32-21	20.5-21	43.7	60	OZ32-21-P	1132.1021
1132.0022	OZ32-22	21.5-22	43.7	60	OZ32-22-P	1132.1022
1132.0023	OZ32-23	22.5-23	43.7	60	OZ32-23-P	1132.1023
1132.0024	OZ32-24	23.5-24	43.7	60	OZ32-24-P	1132.1024
1132.0025	OZ32-25	24.5-25	43.7	60	OZ32-25-P	1132.1025
1132.0026	OZ32-26	25.5-26	43.7	60	OZ32-26-P	1132.1026
1132.0027	OZ32-27	26.5-27	43.7	60	OZ32-27-P	1132.1027
1132.0028	OZ32-28	27.5-28	43.7	60	OZ32-28-P	1132.1028
1132.0029	OZ32-29	28.5-29	43.7	60	OZ32-29-P	1132.1029
1132.0030	OZ32-30	29.5-30	43.7	60	OZ32-30-P	1132.1030
1132.0031	OZ32-31	30.5-31	43.7	60	OZ32-31-P	1132.1031
1132.0032	OZ32-32	31.5-32	43.7	60	OZ32-32-P	1132.1032

DIN 6388 B Collets OZ / OZ弹簧夹头




 standard
标准型


 precision
高精度型

Order No. (S) 货号 (标准型)	Size 规格	d 夹持直径	D	L	Size 规格	Order No. (S) 货号 (标准型)
1132.0003	OZ32-3	2.5-3	43.7	60	OZ32-3-P	1132.1003
1132.0004	OZ32-4	3.5-4	43.7	60	OZ32-4-P	1132.1004
1132.0005	OZ32-5	4.5-5	43.7	60	OZ32-5-P	1132.1005
1132.0006	OZ32-6	5.5-6	43.7	60	OZ32-6-P	1132.1006
1132.0007	OZ32-7	6.5-7	43.7	60	OZ32-7-P	1132.1007
1132.0008	OZ32-8	7.5-8	43.7	60	OZ32-8-P	1132.1008
1132.0009	OZ32-9	8.5-9	43.7	60	OZ32-9-P	1132.1009
1132.0010	OZ32-10	9.5-10	43.7	60	OZ32-10-P	1132.1010
1132.0011	OZ32-11	10.5-11	43.7	60	OZ32-11-P	1132.1011
1132.0012	OZ32-12	11.5-12	43.7	60	OZ32-12-P	1132.1012
1132.0013	OZ32-13	12.5-13	43.7	60	OZ32-13-P	1132.1013
1132.0014	OZ32-14	13.5-14	43.7	60	OZ32-14-P	1132.1014
1132.0015	OZ32-15	14.5-15	43.7	60	OZ32-15-P	1132.1015
1132.0016	OZ32-16	15.5-16	43.7	60	OZ32-16-P	1132.1016
1132.0017	OZ32-17	16.5-17	43.7	60	OZ32-17-P	1132.1017
1132.0018	OZ32-18	17.5-18	43.7	60	OZ32-18-P	1132.1018
1132.0019	OZ32-19	18.5-19	43.7	60	OZ32-19-P	1132.1019
1132.0020	OZ32-20	19.5-20	43.7	60	OZ32-20-P	1132.1020

Collet Sets in Wooden Sockets / 弹簧夹头套装盒(箱)



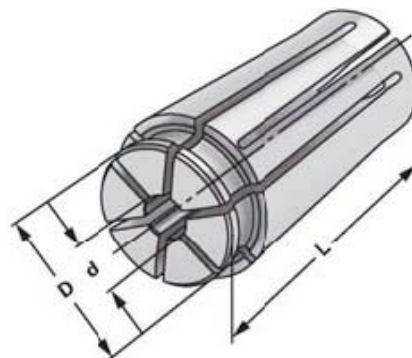
standard
标准型



precision
高精型

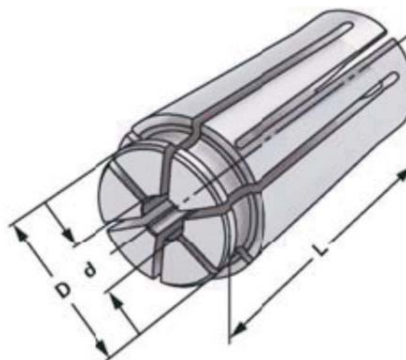
Order No. (S) 货号(标准型)	Size 规格	d 夹持直径	Order No. (P) 货号(高精型)
1116.2016	OZ16	2-3-4-5-6-7-8-9-10-11-12-13-14-15-16	1116.3016
1125.2025	OZ25	4-5-6-7-8-9-10-11-12-14-16-18-20-22-25	1125.3025
1132.2032	OZ32	5-6-7-8-10-12-14-16-18-20-22-24-25-28-30-32	1132.3032
1011.2007	ER11	1-1.5-2-2.5-3-3.5-4-4.5-5-5.5-6-6.5-7	1111.3007
1016.2010	ER16	1-2-3-4-5-6-7-8-9-10	1116.3010
1025.2016	ER25	2-3-4-5-6-7-8-9-10-11-12-13-14-15-16	1125.3016
1032.2020	ER32	3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20	1132.3020
1040.2026	ER40	4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26	1140.3026

Precision collets HPS / HPS高精精密弹簧夹头



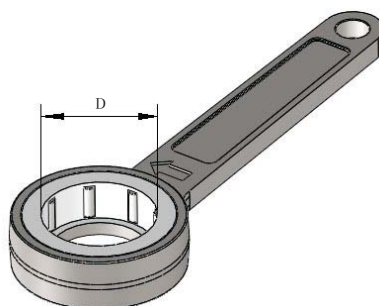
Order No. 货号	Size 规格	d 夹持直径	D	L
1210.0030	HPS10-3	3	15.5	30.5
1210.0035	HPS10-3.5	3.5	15.5	30.5
1210.0040	HPS10-4	4	15.5	30.5
1210.0045	HPS10-4.5	4.5	15.5	30.5
1210.0050	HPS10-5	5	15.5	30.5
1210.0055	HPS10-5.5	5.5	15.5	30.5
1210.0060	HPS10-6	6	15.5	30.5
1210.0065	HPS10-6.5	6.5	15.5	30.5
1210.0070	HPS10-7	7	15.5	30.5
1210.0075	HPS10-7.5	7.5	15.5	30.5
1210.0080	HPS10-8	8	15.5	30.5
1210.0085	HPS10-8.5	8.5	15.5	30.5
1210.0090	HPS10-9	9	15.5	30.5
1210.0095	HPS10-9.5	9.5	15.5	30.5
1210.0100	HPS10-10	10	15.5	30.5
1216.0040	HPS16-4	4	24.6	45
1216.0045	HPS16-4.5	4.5	24.6	45
1216.0050	HPS16-5	5	24.6	45
1216.0055	HPS16-5.5	5.5	24.6	45
1216.0060	HPS16-6	6	24.6	45

Precision collets HPS / HPS高精密弹簧夹头



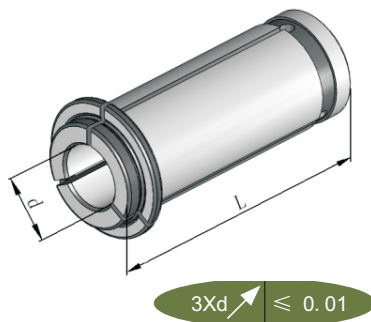
Order No. 货号	Size 规格	d 夹持直径	D	L
1216.0065	HPS16-6.5	6.5	24.6	45
1216.0070	HPS16-7	7	24.6	45
1216.0075	HPS16-7.5	7.5	24.6	45
1216.0080	HPS16-8	8	24.6	45
1216.0085	HPS16-8.5	8.5	24.6	45
1216.0090	HPS16-9	9	24.6	45
1216.0095	HPS16-9.5	9.5	24.6	45
1216.0100	HPS16-10	10	24.6	45
1216.0105	HPS16-10.5	10.5	24.6	45
1216.0110	HPS16-11	11	24.6	45
1216.0115	HPS16-11.5	11.5	24.6	45
1216.0120	HPS16-12	12	24.6	45
1216.0125	HPS16-12.5	12.5	24.6	45
1216.0130	HPS16-13	13	24.6	45
1216.0135	HPS16-13.5	13.5	24.6	45
1216.0140	HPS16-14	14	24.6	45
1216.0145	HPS16-14.5	14.5	24.6	45
1216.0150	HPS16-15	15	24.6	45
1216.0155	HPS16-15.5	15.5	24.6	45
1216.0160	HPS16-16	16	24.6	45

Wrenches for clamping nuts HPS / HPS高精密扳手



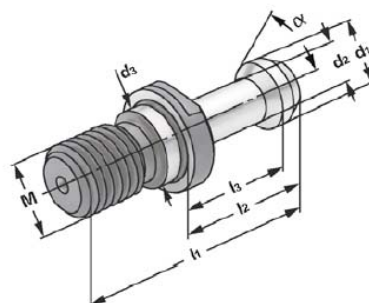
Order No. (S) 货号 (标准型)	Size 规格	D
7528.1210	W28-HPS10	28
7540.1216	W40-HPS16	40

Precision Straight Collets / 直筒型精密弹簧夹头



Order No. 货号	Size 规格	d 夹持直径	L
1320.0003	KM20		40.0
...	...	...	...
1320.0016	KM20	15-16	40.0
1325.0004	KM25		59.0
...	...	...	...
1325.0004	KM25	21-22	59.0
1332.0005	KM32		64.5
...	...	...	...
1332.0026	KM32	25-26	64.5

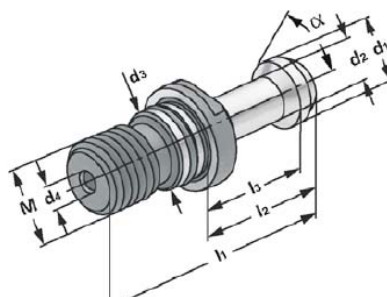
Pull Studs MAS 403 BT / MAS 403 BT 拉钉



应用范围: 盲孔, 不带密封圈, 用于不需要中心通水的刀柄。

Use: Without through hole, without O-ring.

Order No. 货号	M	d ₁	d ₂	d ₃	α	l ₁	l ₂	l ₃
2031.4045	M12	11	7	12.5	45°	43	23	18
2031.4060	M12	11	7	12.5	60°	43	23	18
2041.4045	M16	15	10	17	45°	60	35	28
2041.4060	M16	15	10	17	60°	60	35	28
2041.4090	M16	15	10	17	90°	60	35	28
2051.4045	M24	23	17	25	45°	85	45	35
2051.4060	M24	23	17	25	60°	85	45	35
2051.4090	M24	23	17	25	90°	85	45	35

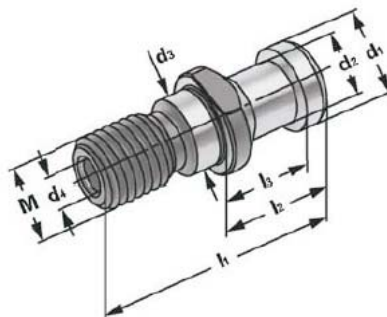


应用范围: 通孔, 带密封圈, 用于需要中心通水的刀柄。

Use: With through hole, with O-ring.

Order No. 货号	M	d ₁	d ₂	d ₃	d ₄	α	l ₁	l ₂	l ₃
2041.1045	M16	15	10	17	4	45°	60	35	28
2041.1060	M16	15	10	17	4	60°	60	35	28
2041.1090	M16	15	10	17	4	90°	60	35	28
2051.1045	M24	23	17	25	6	45°	85	45	35
2051.1060	M24	23	17	25	6	60°	85	45	35
2051.1090	M24	23	17	25	6	90°	85	45	35

Pull Studs DIN 69872 / DIN69872 拉钉



应用范围: 通孔, 无密封圈, DIN69872 A, 用于需要中心通水的刀柄。

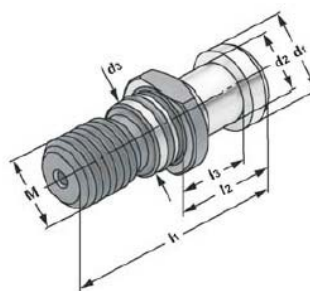
Use: With through hole, without O-ring, DIN69872 A

Order No. 货号	M	d ₁	d ₂	d ₃	d ₄	l ₃	l ₂	l ₁
2032.2000	M12	13	9	13	3	19	24	44
2042.2000	M16	19	14	17	7	20	26	54
2052.2000	M24	28	21	25	11.5	25	34	74

应用范围: 通孔, 带密封圈, DIN69872 A, 用于需要中心通水的刀柄。

Use: With through hole, with O-ring, DIN69872 A

Order No. 货号	M	d ₁	d ₂	d ₃	d ₄	l ₃	l ₂	l ₁
2042.1000	M16	19	14	17	7	20	26	54
2052.1000	M24	28	21	35	11.5	25	34	74

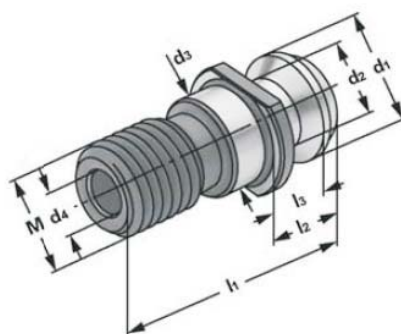


应用范围: 盲孔, 带密封圈, DIN69872 B, 用于需要法兰通水的刀柄。

Use: Without through hole, with O-ring, DIN69872 B

Order No. 货号	M	d ₁	d ₂	d ₃	d ₄	l ₃	l ₂	l ₁
2042.3000	M16	19	14	17	7	20	26	54
2052.3000	M24	28	21	35	11.5	25	34	74

Pull Studs ISO 7388 form B / ISO 7388 B型拉钉



应用范围: 通孔, 无密封圈, 用于带中心通水的刀柄。

Use: With through hole, without O-ring

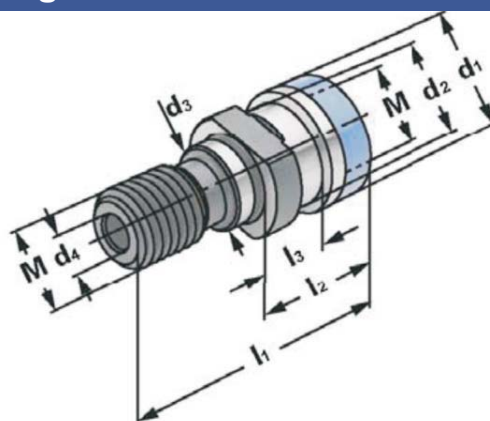
Order No. 货号	M	d ₁	d ₂	d ₃	d ₄	l ₃	l ₂	l ₁
2047.2000	M16	18.95	12.95	17	7	11.15	16.4	44.5
2057.2000	M24	29.10	19.60	25	11.5	17.95	25.55	65.5

应用范围: 通孔, 带密封圈, 用于带中心通水的刀柄。

Use: With through hole, with O-ring

Order No. 货号	M	d ₁	d ₂	d ₃	d ₄	l ₃	l ₂	l ₁
2047.1000	M16	18.95	12.95	17	7	11.15	16.4	44.5
2057.1000	M24	29.10	19.60	25	11.5	17.95	25.55	65.5

Pull studs DIN 2080 without groove / DIN 2080 拉钉

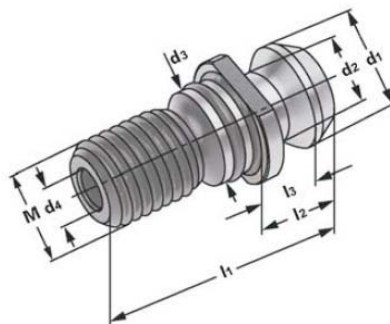


应用范围: 通孔, 无密封圈, 用于需要中心通水的刀柄。

Use: With through hole, without O-ring

Order No. 货号	M	d ₁	d ₂	d ₃	d ₄	l ₃	l ₂	l ₁
2043.2000	M16	25	21.1	17	7	13.6	25.1	53
2053.2000	M24	39.6	32	25	7	13.3	25.1	65.1

Pull Studs CAT Metric / CAT拉钉

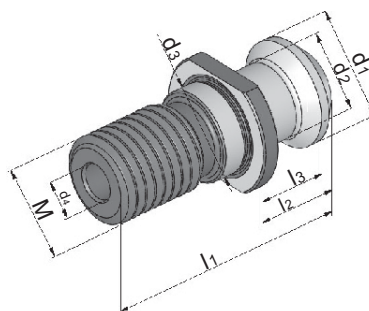


应用范围: 通孔, 带密封圈, 用于需要中心通水的刀柄。

Use: With 7mm through hole, with O-ring

Order No. 货号	M	d ₁	d ₂	d ₃	d ₄	l ₃	l ₂	l ₁
2046.1000	M16	18.80	12.45	17	7	11.18	16.26	41.26

Pull studs CAT metric for high-pressure cooling CAT高压冷却拉钉



应用范围: 通孔, 带密封圈, 用于需要中心通水的刀柄。

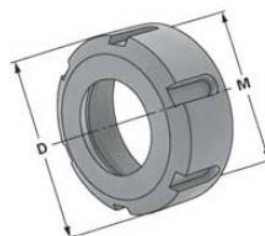
Use: With 7mm through hole, with O-ring

Order No. 货号	M	d ₁	d ₂	d ₃	d ₄	l ₃	l ₂	l ₁
2046.1500	M16	18.80	12.45	17	7	11.18	16.26	41.26

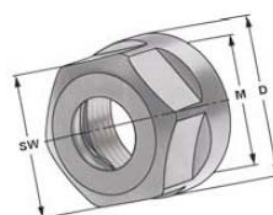
ER Clamping Nuts / ER夹紧螺母



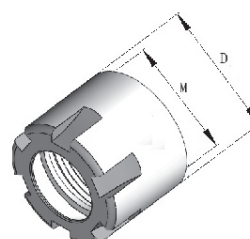
(UM)



(A)



(M)



ER with eccentric ring-balanced

标准动平衡ER螺母

Order No. 货号	Size 尺寸	M	D
2532.1016	1-10 (ER16)UM	M22*1.5	32
2528.1016	1-10 (ER16) UM	M22*1.5	28
2542.1025	2-16 (ER25)UM	M32*1.5	42
2550.1032	2-25 (ER32)UM	M40*1.5	50
2563.1040	3-32 (ER40)UM	M50*1.5	63
2512.1008	0.5-5 (ER8)M	M10*0.75	12
2516.1011	1-7 (ER11)M	M13*0.75	16
2522.1016	1-10 (ER16)M	M19*1.0	22
2528.1020	1-13 (ER20)M	M24*1.0	28
2535.1025	2-16 (ER250)M	M30*1.0	35
2525.1016	1-10 (ER16)A	M12*1.5	SW25

Clamping Nuts With Sealing discs / 带密封圈的夹紧螺母及密封圈



Order No. 货号	Size 规格	A	B	C
2528.1216	1-10 (ER16)UM	M22*1.5	17.5	28
2542.1225	2-16 (ER25)UM	M32*1.5	20.0	42
2550.1232	2-20 (ER32)UM	M40*1.5	22.5	50
2563.1240	3-26 (ER40)UM	M50*1.5	25.5	63
2528.1416	1-10 (ER16)A	M22*1.5	17.5	SW25

sealing discs for clamping
nuts ER-system



ER密封垫圈

Clamping range 0.5mm(+0.1/-0.4)
夹持范围 0.5mm(+0.1/-0.4)

Order No. 货号	Size 规格	d*
2528.1416	1-10 (ER16)	1.0-10.0
2542.1425	2-16 (ER25)	1.0-16.0
2550.1432	2-20 (ER32)	1.0-20.0
2563.1440	3-26 (ER40)	2.0-26.0



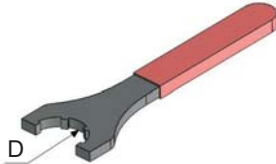
OZ Clamping Nuts
OZ 夹紧螺母

Order No. 货号	Size 规格	M	D
2543.1116	2-16 (OZ16)	M33*1.5	43
2560.1125	2-25 (OZ25)	M48*2	60
2572.1132	3-32 (OZ32)	M60*2.5	72

Wrenches / 扳手

Wrenches for ER nuts

ER螺母扳手, 用于夹紧ER螺母



(UM)

Order No. 货号	Size 规格	D
7528.1016	1-10(ER16)UM	28
7542.1025	2-16(ER25)UM	42
7550.1032	2-20(ER32)UM	50
7563.1040	2-26(ER40)UM	63

Wrenches for ER nuts

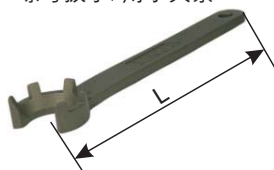
ER螺母扳手, 用于夹紧ER-A螺母

(A)

Order No. 货号	Size 规格	SW
7517.1211	1-7(ER11)A	17.2
7525.1216	1-10(ER16)A	25
7528.1220	1-13(ER20)A	28

Wrenches for ER nuts

ER螺母扳手, 用于夹紧ER-M螺母

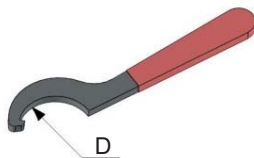


(M)

Order No. 货号	Size 规格	A	L
7513.1400	1-5(ER8)M	13	75
7517.1411	1-7(ER11)M	17	95
7522.1416	1-10(ER16)M	22.5	118
7528.1420	1-13(ER20)M	28	130
7536.1425	1-16(ER25)M	36.5	135

Wrenches for OZ nuts

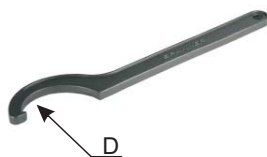
OZ螺母扳手, 用于夹紧OZ螺母



Order No. 货号	Size 规格	D
7540.1116	2-16(OZ16)	40
7558.1125	2-25(OZ25)	58
7568.1132	3-32(OZ32)	68

Wrenches for C type

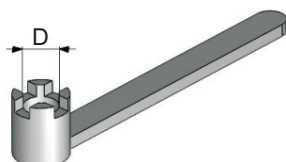
强力螺母扳手



Order No. 货号	Size 规格	D
7552.1520	50-55(C20)	52
7569.1532	68-73(C32)	69
7586.1542	88-96(C42)	86

Wrenches

套筒扳手, 用于夹紧面铣刀的压紧螺栓



Order No. 货号	Size 规格	D
7516.1308	M8	16
7522.1310	M10	22
7527.1312	M12	27
7532.1316	M16	32
7540.1320	M20	40

Tapping Collets with Clutch / 带保护装置的快换攻丝夹头



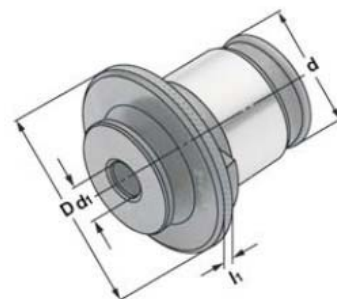
Order No. 货号	d	D	l ₁	M 规格	DIN	Shaft 直柄	Square 方头
M3-M14							
7203.3527	19	32	25	M3	371	3.5	2.7
7235.4030	19	32	25	M3.5	371	4.0	3.0
7204.4534	19	32	25	M4	371	4.5	3.4
7205.6049	19	32	25	M5	371	6.0	4.9
7206.6049	19	32	25	M6	371	6.0	4.9
7208.8062	19	32	25	M8	371	8.0	6.2
7210.7055	19	32	25	M10	376	7.0	5.5
7210.1080	19	32	25	M10	371	10.0	8.0
7212.9070	19	32	25	M12	376	9.0	7.0
7214.1190	19	32	25	M14	376	11.0	9.0
M5-M22							
7205.6049	31	50	31	M5	371	6.0	4.9
7206.6049	31	50	31	M6	371	6.0	4.9
7208.8062	31	50	31	M8	371	8.0	6.2
7210.7055	31	50	31	M10	376	7.0	5.5
7210.1080	31	50	31	M10	371	10.0	8.0

Tapping Collets with Clutch / 带保护装置的快换攻丝夹头



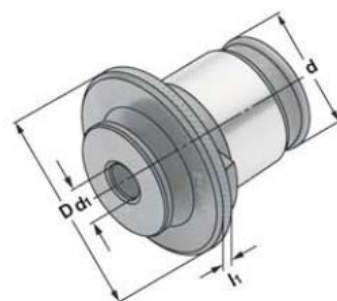
Order No. 货号	d	D	l ₁	M 规格	DIN	Shaft 直柄	Square 方头
M5-M22							
7212.9070	31	50	31	M12	376	9.0	7.0
7214.1190	31	50	31	M14	376	11.0	9.0
7216.1290	31	50	31	M16	376	12.0	9.0
7218.1411	31	50	31	M18	376	14.0	11.0
7220.1612	31	50	31	M20	376	16.0	12.0
7222.1814	31	50	31	M22	376	18.0	14.5
M14-M36							
7214.1190	48	72	41	M14	376	11.0	9.0
7216.1290	48	72	41	M16	376	12.0	9.0
7218.1411	48	72	41	M18	376	14.0	11.0
7220.1612	48	72	41	M20	376	16.0	12.0
7222.1814	48	72	41	M22	376	18.0	14.5
7224.1814	48	72	41	M24	376	18.0	14.5
7227.2016	48	72	41	M27	376	20.0	16.0
7230.2218	48	72	41	M30	376	22.0	18.0
7233.2520	48	72	41	M33	376	25.0	20.0
7236.2822	48	72	41	M36	376	28.0	22.0

Tapping Collets Without Clutch / 不带保护装置的快换攻丝夹头



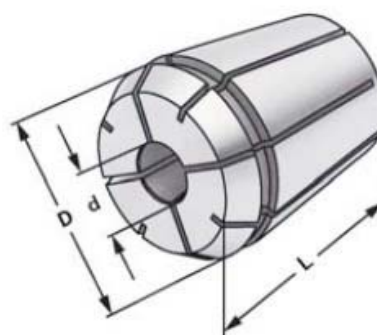
Order No. 货号	d	D	l ₁	d ₁	Square 方头
M3-M14					
7119.3527	19	30	5	3.5	2.7
7119.4534	19	30	5	4.5	3.4
7119.4030	19	30	5	4.0	3.0
7119.6049	19	30	5	6.0	4.9
7119.7055	19	30	5	7.0	5.5
7119.8062	19	30	5	8.0	6.2
7119.9070	19	30	5	9.0	7.0
7119.1080	19	30	5	10.0	8.0
7119.1190	19	30	5	11.0	9.0
M5-M22					
7131.6049	31	48	6	6.0	4.9
7131.7055	31	48	6	7.0	5.5
7131.8062	31	48	6	8.0	6.2
7131.9008	31	48	6	9.0	7.0
7131.1008	31	48	6	10.0	8.0
7131.1109	31	48	6	11.0	9.0
7131.1290	31	48	6	12.0	9.0

Tapping Collets Without Clutch / 不带保护装置的快速转换夹头



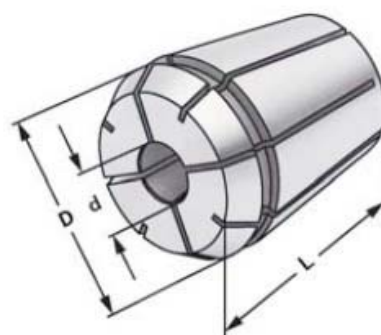
Order No. 货号	d	D	l ₁	d ₁	Square 方头
7131.1411	31	48	6	14.0	11.0
7131.1612	31	48	6	16.0	12.0
7131.1814	31	48	6	18.0	14.5
M14-M36					
7148.1109	48	63	6	11.0	9.0
7148.1209	48	63	6	12.0	9.0
7148.1111	48	63	6	14.0	11.0
7148.1112	48	63	6	16.0	12.0
7148.1114	48	63	6	18.0	14.5
7148.1116	48	63	6	20.0	16.0
7148.1118	48	63	6	22.0	18.0
7148.1120	48	63	6	25.0	20.0
7148.1122	48	63	6	28.0	22.0

ER 攻丝夹头



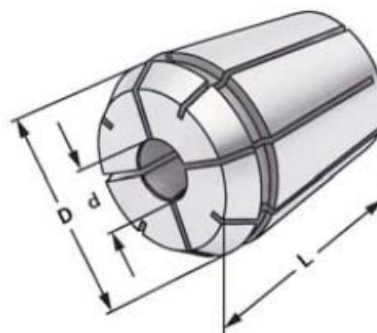
Order No. 货号	规格	d	方头	D	L
1416.3527	ER16-3527	3.5	2.7	17	27.5
1416.4030	ER16-4030	4	3	17	27.5
1416.4534	ER16-4534	4.5	3.4	17	27.5
1416.6049	ER16-6049	6	4.9	17	27.5
1416.7055	ER16-7055	7	5.5	17	27.5
1416.8062	ER16-8062	8	6.2	17	27.5
1420.4534	ER20-4534	4.5	3.4	25	31.5
1420.5530	ER20-5530	5.5	3	25	31.5
1420.6034	ER20-6034	6.0	3.4	25	31.5
1420.7049	ER20-7049	7.0	4.9	25	31.5
1420.8055	ER20-8055	8.0	5.5	25	31.5
1420.9062	ER20-9062	9.0	6.2	25	31.5
1420.1070	ER20-1070	10	7	25	31.5
1420.1180	ER20-1180	11	8	25	31.5
1420.1290	ER20-1290	12	9	26	31.5
1425.3527	ER25-3527	3.5	2.7	26	34
1425.4030	ER25-4030	4	3	26	34

ER 攻丝夹头

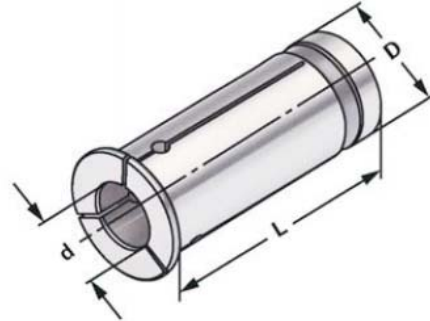


货号	规格	d	方头	D	L
1425.4534	ER25-4534	4.5	3.4	26	34
1425.6049	ER25-6049	6	4.9	26	34
1425.7055	ER25-7055	7	5.5	26	34
1425.8062	ER25-8062	8	6.2	26	34
1425.9070	ER25-9070	9	7	26	34
1425.1080	ER25-1080	10	8	26	34
1425.1190	ER25-1190	11	9	26	34
1425.1290	ER25-1290	12	9	26	34
1432.4534	ER32-4534	4.5	3.4	33	40
1432.6049	ER32-6049	6	4.9	33	40
1432.7055	ER32-7055	7	5.5	33	40
1432.8062	ER32-8062	8	6.2	33	40
1432.9070	ER32-9070	9	7	33	40
1432.1080	ER32-1080	10	8	33	40
1432.1190	ER32-1190	11	9	33	40
1432.1290	ER32-1290	12	9	33	40
1432.1411	ER32-1411	14	11	33	40
1432.1612	ER32-1612	16	12	33	40

ER 攻丝夹头



Order No. 货号	规格	d	方头	D	L
1440.6049	ER40-6049	6	4.9	41	46
1440.7055	ER40-7055	7	5.5	41	46
1440.8062	ER40-8062	8	6.2	41	46
1440.9070	ER40-9070	9	7	41	46
1440.1080	ER40-1080	10	8	41	46
1440.1190	ER40-1190	11	9	41	46
1440.1290	ER40-1290	12	9	41	46
1440.1411	ER40-1411	14	11	41	46
1440.1612	ER40-1612	16	12	41	46
1440.18145	ER40-18145	18	14.5	41	46
1440.2016	ER40-2016	20	16	41	46

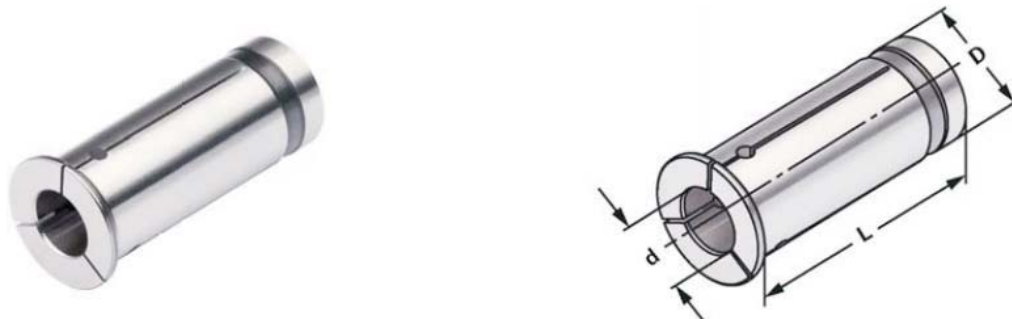
Reduction Sleeves with Waterproof Ring / 液压刀柄减径套(中心通水)


Order No. 货号	Size 规格	d	D	L
3012.4003	R12-HR03	3	12	45
3012.4004	R12-HR04	4		
3012.4005	R12-HR05	5		
3012.4006	R12-HR06	6		
3012.4007	R12-HR07	7		
3012.4008	R12-HR08	8		
3020.4003	R20-HR03	3	20	50.5
3020.4004	R20-HR04	4		
3020.4005	R20-HR05	5		
3020.4006	R20-HR06	6		
3020.4008	R20-HR08	8		
3020.4009	R20-HR09	9		
3020.4010	R20-HR10	10		
3020.4011	R20-HR11	11		
3020.4012	R20-HR12	12		
3020.4016	R20-HR16	16		

应用范围: 用于夹持圆柱柄DIN1835A+B+E型和DIN6535
HA+HB+HE型(直径≥12mm时,可用减径套)
被夹持刀具的柄部公差要达到h6

Use: For mounting straight-shank tools acc
DIN 1835 form A+B+E and DIN 6535 form
HA+HB+HE(larger than dia.12mm only
with reduction sleeve)
The Tolerance a of Tools Should be h6

Reduction Sleeves with Waterproof Ring / 液压刀柄减径套(中心通水)



Order No. 货号	Size 规格	d	D	L
3032.4006	R32-HR06	6	32	60.5
3032.4008	R32-HR08	8		
3032.4010	R32-HR10	10		
3032.4012	R32-HR12	12		
3032.4016	R32-HR16	16		
3032.4020	R32-HR20	20		
3032.4025	R32-HR25	25		

应用范围: 用于夹持圆柱柄DIN1835A+B+E型和DIN6535
HA+HB+HE型(直径≥12mm时,可用减径套)
被夹持刀具的柄部公差要达到h6

Use: For mounting straight-shank tools acc
DIN 1835 form A+B+E and DIN 6535 form
HA+HB+HE(larger than dia.12mm only
with reduction sleeve)
The Tolerance a of Tools Should be h6

Reduction Sleeves without Waterproof Ring / 液压刀柄减径套(无中心通水)

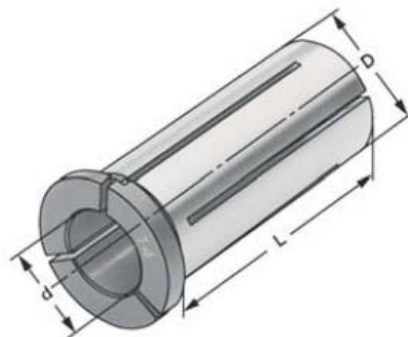


Order No. 货号	Size 规格	d	D	L
3012.3003	R12-H03	3	12	44.5
3012.3004	R12-H04	4		
3012.3005	R12-H05	5		
3012.3006	R12-H06	6		
3012.3008	R12-H08	8		
3020.3003	R20-H03	3	20	50.5
3020.3004	R20-H04	4		
3020.3005	R20-H05	5		
3020.3006	R20-H06	6		
3020.3008	R20-H08	8		
3020.3010	R20-H10	10		
3020.3011	R20-H11	11		
3020.3012	R20-H12	12		
3020.3013	R20-H13	13		
3020.3014	R20-H14	14		
3020.3016	R20-H16	16		

应用范围: 用于夹持圆柱柄DIN1835A+B+E型和DIN6535
HA+HB+HE型(直径 $\geq 12\text{mm}$ 时,可用减径套)
被夹持刀具的柄部公差要达到h6

Use: For mounting straight-shank tools acc
DIN 1835 form A+B+E and DIN 6535 form
HA+HB+HE (larger than dia. 12mm only
with reduction sleeve)
The Tolerance a of Tools Should be h6

Reduction Sleeves without Waterproof Ring / 液压刀柄减径套(无中心通水)

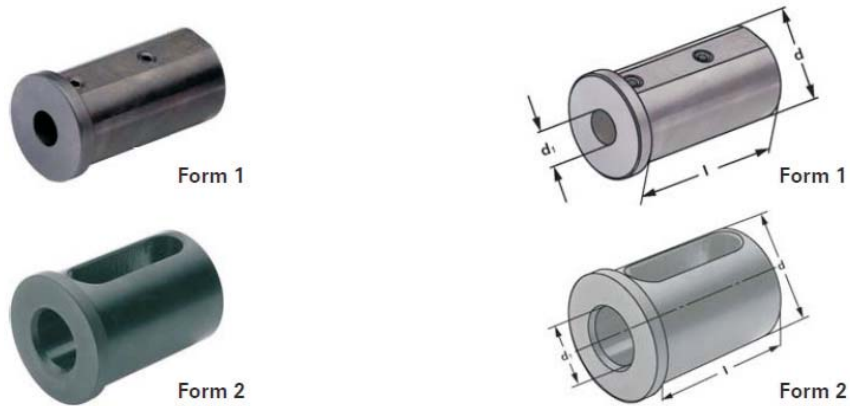


Order No. 货号	Size 规格	d	D	L
3032.3006	R32-H06	6	32	60.5
3032.3008	R32-H08	8		
3032.3010	R32-H10	10		
3032.3012	R32-H12	12		
3032.3014	R32-H14	14		
3032.3016	R32-H16	16		
3032.3018	R32-H18	18		
3032.3020	R32-H20	20		
3032.3025	R32-H25	25		

应用范围: 用于夹持圆柱柄DIN1835A+B+E型和DIN6535
HA+HB+HE型(直径 $\geq 12\text{mm}$ 时,可用减径套)
被夹持刀具的柄部公差要达到h6

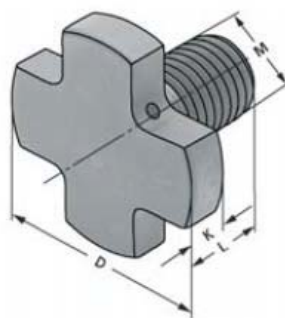
Use: For mounting straight-shank tools acc
DIN 1835 form A+B+E and DIN 6535 form
HA+HB+HE(larger than dia.12mm only
with reduction sleeve)
The Tolerance a of Tools Should be h6

Reduction Sleeves for Boring Bar Holder 镗刀减径套



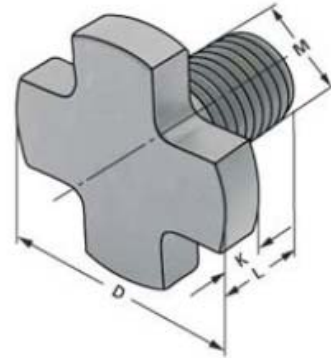
Order No. 货号	Form	d	d1	L
3025. 1006	1	25	6	46
3025. 1008	1	25	8	46
3025. 1010	1	25	10	46
3025. 1012	1	25	12	46
3025. 2016	2	25	16	46
3025. 2020	2	25	20	46
3032. 1006	1	32	6	56
3032. 1008	1	32	8	56
3032. 1010	1	32	10	56
3032. 1012	1	32	12	56
3032. 2016	2	32	16	56
3032. 2020	2	32	20	56
3032. 2025	2	32	25	56
3040. 1006	1	40	6	71
3040. 1008	1	40	8	71
3040. 1010	1	40	10	71
3040. 1012	1	40	12	71
3040. 2016	2	40	16	71
3040. 2020	2	40	20	71
3040. 2025	2	40	25	71
3040. 2032	2	40	32	71

Retaining Screws with Drill Through for Coolant / 十字压紧螺栓(带冷却)



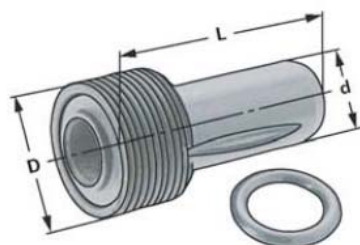
Order No. 货号	Size 尺寸	M	D	K	L
5500.1016	16	M8	20	6	16
5500.1022	22	M10	28	7	18
5500.1027	27	M12	35	8	22
5500.1032	32	M16	42	6	26
5500.1040	40	M20	52	10	30
5500.1050	50	M24	63	12	36
5500.1060	60	M30	75	14	45

Retaining Screws / 十字压紧螺栓



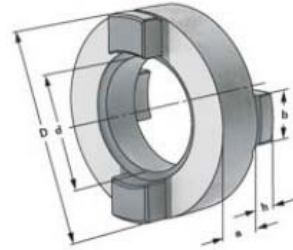
Order No. 货号	Size 尺寸	M	D	K	L
5500.2016	16	M8	20	6	16
5500.2022	22	M10	28	7	18
5500.2027	27	M12	35	8	22
5500.2032	32	M16	42	6	26
5500.2040	40	M20	52	10	30
5500.2050	50	M24	63	12	36
5500.2060	60	M30	75	14	45

Coolant Tubes / HSK 刀柄冷却导管



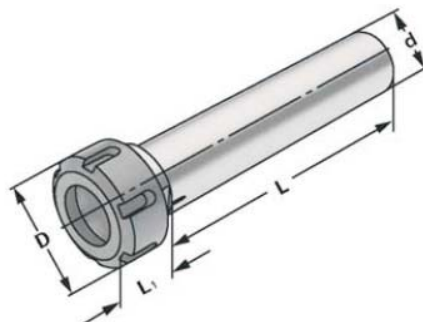
Order No. 货号	Size 规格	d	D	L
3532.0000	HSK-32	6	M10×1	26.0
3540.0000	HSK-40	8	M12×1	29.5
3550.0000	HSK-50	10	M16×1	33.0
3563.0000	HSK-63	12	M18×1	34.5
3580.0000	HSK-80	14	M20×1.5	40.0
3510.0000	HSK-100	16	M24×1.5	44.0

Clutch Drive Rings / 驱动环

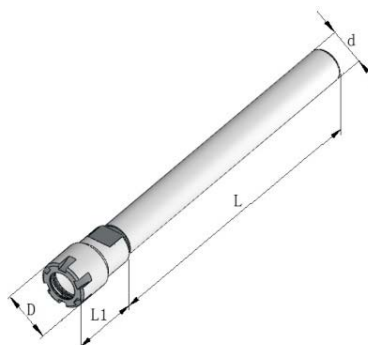


Order No. 货号	d	D	a	b	h
5032.0016	16	32	10	8	5
5040.0022	22	40	12	10	5.6
5046.0027	27	46	12	12	6.3
5055.0032	32	55	14	14	7
5068.0040	40	68	14	16	8

Collet Chucks with Straight Shank for Collets ER / 直柄ER接杆

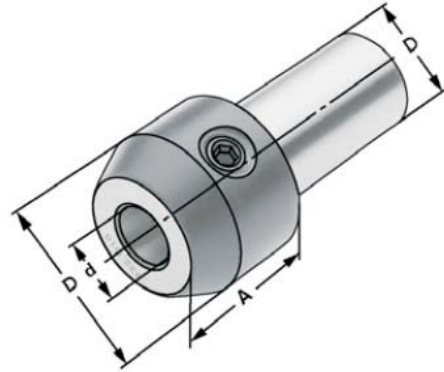


Order No. 货号	Capacity 夹持方式	Capacity 夹持范围	d	D	L	L ₁
4016.1016	ER16(UM)	1-10	16	32	150	30
4020.1026	ER25(UM)	1-16	20	42	150	40
4032.1026	ER32(UM)	2-20	32	50	150	35



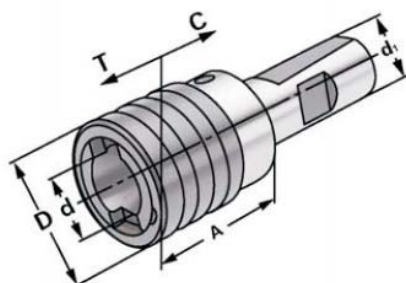
Order No. 货号	Capacity 夹持方式	Capacity 夹持范围	d	D	L	L ₁
4010.0810	ER8(M)	0.5-5.0	10	12	100	15.5
4010.0815					150	
4012.1110	ER11(M)	1.0-7.0	12	16	100	30.5
4012.1115					150	
4016.1610	ER16(M)	1.0-10.0	16	22	100	39.5
4016.1615					150	
4020.1620	ER16(M)	1.0-10.0	20	22	200	39.5
4020.1610					100	
4020.1615					150	
4020.2010	ER20(M)	1.0-13.0	20	28	100	44.5
4020.2015					150	
4020.2020					200	

Reducing Bushes / 直柄侧固式接杆



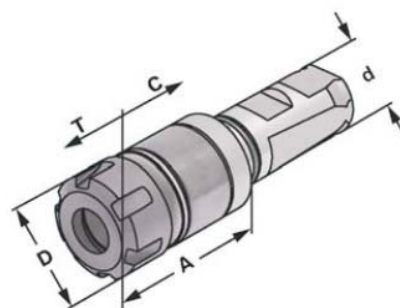
Order No. 货号	D h ₆	d	D	L
4020.2006	20	6	25	30
4520.2008	20	8	28	30
4020.2010	20	10	35	30
4040.2012	20	12	42	35
4032.2006	32	6	25	30
4032.2008	32	8	28	30
4032.3210	32	10	35	30
4032.3212	32	12	42	35
4032.3214	32	14	44	35
4032.3216	32	16	48	38
4032.3218	32	18	50	38
4052.3220	32	20	52	40

直柄弹性攻丝卡头



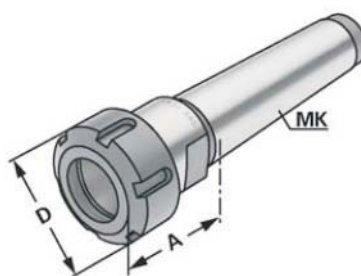
Order No. 货号	d1	夹持范围	大小	A	D	d	T	C
4020.6001	20	M3-M14	1	44	36	19	7	7
4020.6002	20	M5-M22	2	73	53	31	12	12

直柄弹性ER攻丝卡头



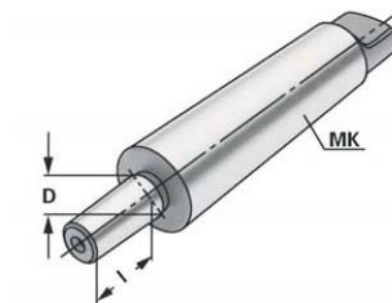
Order No. 货号	d	夹持范围	大小	A	D	T	C
4025.4001	25	M3-M14(ER16)	1	60	32	0.5	0.5
4025.4002	25	M5-M22(ER32)	2	74	50	0.5	0.5

Collet Chucks for ER Collets DIN228 / 莫氏ER接杆



Order No. 货号	MK	Capacity 夹持范围	A	D
4202.1016	MK2	1-10 (ER16)	45	32
4202.1025	MK2	2-16 (ER25)	50	42
4203.1025	MK3	2-16 (ER25)	56	42
4203.1032	MK3	2-20 (ER32)	70	50
4204.1025	MK4	2-16 (ER25)	63	42
4204.1032	MK4	2-20 (ER32)	65	50
4205.1040	MK5	3-26 (ER40)	86	63

Drill Chuck Adaptors DIN238 / 莫氏带扁尾钻接杆



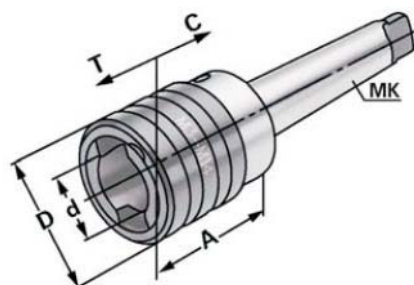
Order No. 货号	MK	D	L	I
4202.5016	MK2	B16	112	29
4203.5016	MK3	B16	134	29
4204.5016	MK4	B16	158	29

Reduction Sleeves for Tools with Morse Taper Shanks DIN2185 莫氏带扁尾减径套



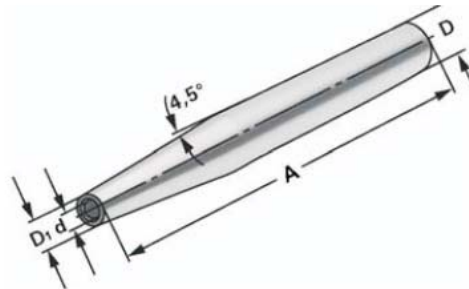
Order No. 货号	d	D	L
4301. 3002	MK1	MK2	92
4302. 3003	MK2	MK3	98
4302. 3004	MK2	MK4	124
4303. 3004	MK3	MK4	132
4303. 3005	MK3	MK5	156
4304. 3005	MK4	MK5	171
4304. 3006	MK4	MK6	218
4305. 3006	MK5	MK6	218

莫氏弹性快换攻丝卡头



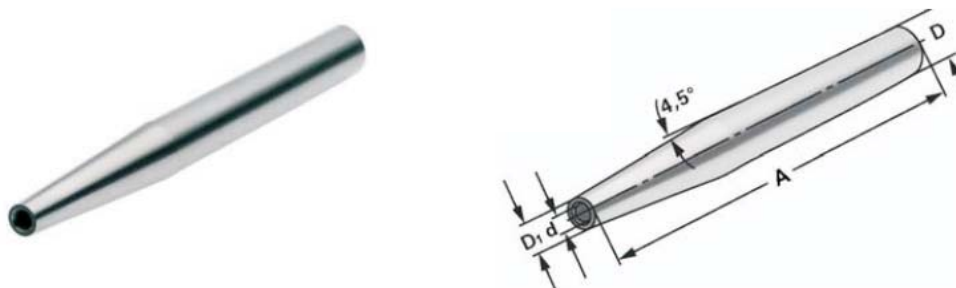
Order No. 货号	MK	Capacity 夹持范围	Size 大小	A	D	d	T	C
4202.6001	MK 2	M3-M14	1	46	36	19	7	7
4203.6002	MK 3	M5-M22	2	70	53	31	12	12

Shrink Fit Extention Chuck / 4.5°热缩刀柄延长杆(夹持长度不可调节)



Order No. 货号	Size 规格	D	d	D ₁	l ₁ 夹持长度	A	
4612.8003	SR12-HSR3-100	12	3	8	10	100	
4612.8003	SR12-HSR3-160				160		
4612.8004	SR12-HSR4-160		12				
4612.8006	SR12-HSR6-160					6	
4616.8003	SR16-HSR3-160	16	3	10	9	160	
4616.8004	SR16-HSR4-160		4		12		
4616.8005	SR16-HSR5-160		5		15		
4616.8006	SR16-HSR6-160		6		28		
4620.8005	SR20-HSR5-160	20	5	14	18	160	
4620.8006	SR20-HSR6-160		6		28		
4620.8008	SR20-HSR8-160		8		34		
4625.8008	SR25-HSR8-160	25	8	19	34	160	
4625.8010	SR25-HSR10-160		10	20	42		
4625.8012	SR25-HSR12-160		12		47		
4625.8014	SR25-HSR14-160		14				
4625.8016	SR25-HSR16-160		16	22	50		
4625.8010	SR32-HSR10-160	32	10	27	42	160	
4625.8012	SR32-HSR12-160		12		47		
4625.8014	SR32-HSR14-160		14				
4625.8016	SR32-HSR16-160		16				50
4625.8020	SR32-HSR20-160		20				52

Shrink Fit Extension Chuck / 4.5°热缩刀柄延长杆(夹持长度可调节)

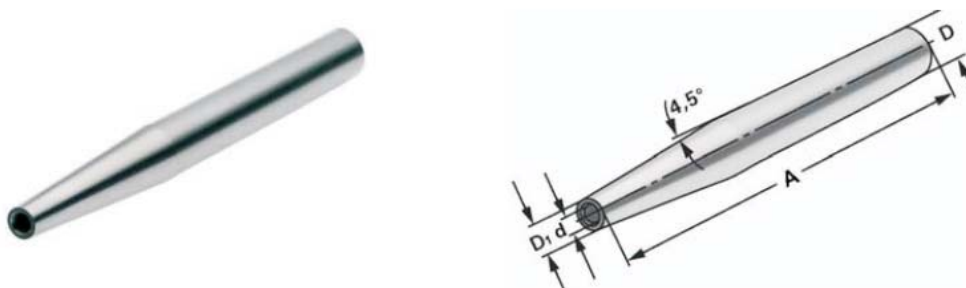


Order No. 货号	Size 规格	D	d	D1	l1 夹持长度	l2 调节长度	A
4616.8106	SR16-HSR6-160	16	6	10	28	10	160
4620.8103	SR20-HSR3-150	20	3		15		150
4620.8104	SR20-HSR4-150		4		20		
4620.8106	SR20-HSR6-160		6	14	34		160
4620.8108	SR20-HSR8-160		8				
4625.8108	SR25-HSR8-160	25		10	42		
4625.8110	SR25-HSR10-160		12	47			
4625.8112	SR25-HSR12-160		14		50		
4625.8114	SR25-HSR14-160		16	27	42		
4625.8116	SR25-HSR16-160		10		47		
4632.8110	SR32-HSR10-160	12	50				
4632.8112	SR32-HSR12-160	14			52		
4632.8114	SR32-HSR14-160	16	58				
4632.8116	SR32-HSR16-160	18			20		
4632.8118	SR32-HSR18-160	20	50				
4632.8120	SR32-HSR20-160	25		52			
4632.8125	SR32-HSR25-160						

应用范围:装夹迅速,夹紧力大,高速切削。
适用于夹持高速钢HSS和硬质合金圆柱柄刀具。
直径为Ø3,Ø4和Ø5的被夹持刀具的柄部公差要求达到h4,直径为Ø6~Ø32的被夹持柄部公差要求达到h6

Use: For mounting straight-shank tools
Note: Toolholders suitable for induction-, contact- and hot air shrink units.
Ø3,4,5 with h4-tolerance and Ø6-Ø32 with h6-tolerance

Shrink Fit Extention Chuck / 3°热缩刀柄延长杆(夹持长度不可调节)

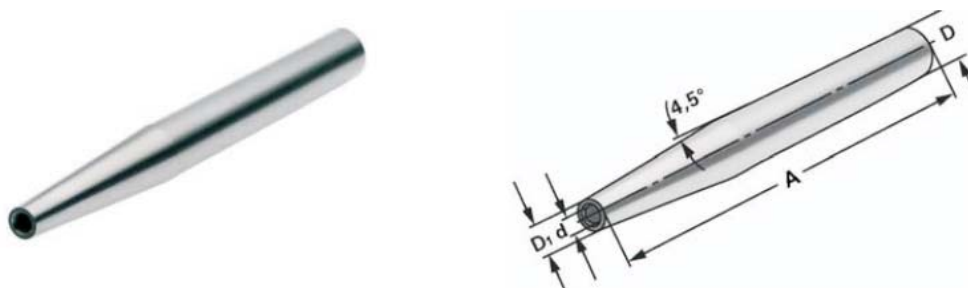


Order No. 货号	Size 规格	d	D ₁	D	l ₁ 夹持长度	l ₂ 锥长	A
4616.8203	SR16-HSC3-160	3	9	16	9	66.8	160
4616.8204	SR16-HSC4-160	4	10		12		
4616.8205	SR16-HSC5-160	5	11		15		
4616.8206	SR16-HSC6-160	6	12		25		
4616.8208	SR16-HSC8-160	8	14				
4620.8206	SR25-HSC6-160	6	12	20	105		
4620.8208	SR25-HSC8-160	8	14				
4620.8210	SR25-HSC10-160	10	16		32		
4620.8212	SR32-HSC12-160	12	18		38		

应用范围: 装夹迅速, 夹紧力大, 高速切削。
适用于夹持高速钢HSS和硬质合金圆柱柄刀具。
直径为Ø3, Ø4和Ø5的被夹持刀具的柄部公差要求达到h4, 直径为Ø6~Ø32的被夹持柄部公差要求达到h6

Use: For mounting straight-shank tools
Note: Toolholders suitable for induction-, contact- and hot air shrink units.
Ø3, 4, 5 with h4-tolerance and Ø6-Ø32 with h6-tolerance

Shrink Fit Extension Chuck / 3°热缩刀柄延长杆

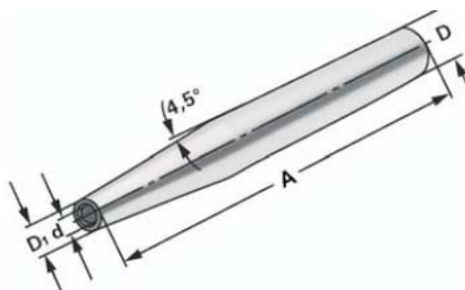


Order No. 货号	Size 规格	d	D1	D	l1 夹持长度	l2 锥长	A
4612.8303	SR12-HSC3-160	3	6	12	9	28.6	160
4612.8304	SR12-HSC4-160	4	7		12		
4612.8304	SR12-HSC5-160	5	8		15		
4612.8306	SR12-HSC6-160	6	9		25		
4616.8303	SR16-HSM3-160	3	6	16	9	105	160
4616.8304	SR16-HSM4-160	4	7		12		
4616.8305	SR16-HSM5-160	5	8		15		
4616.8306	SR16-HSM6-160	6	9		25		
4616.8308	SR16-HSM8-160	8	11		32		
4616.8310	SR16-HSM10-160	10	13				
4620.8306	SR20-HSM6-160	6	9	20	25	105	160
4620.8308	SR20-HSM8-160	8	11		32		
4620.8310	SR20-HSM10-160	10	13		38		
4620.8312	SR20-HSM12-160	12	15				
4620.8306	SR20-HSC6-300	6	12	20	25	76.3	300
4620.8308	SR20-HSC8-300	8	14				

应用范围: 装夹迅速, 夹紧力大, 高速切削。
适用于夹持高速钢HSS和硬质合金圆柱柄刀具。
直径为Ø3, Ø4和Ø5的被夹持刀具的柄部公差要求达到h4, 直径为Ø6~Ø32的被夹持柄部公差要求达到h6

Use: For mounting straight-shank tools
Note: Toolholders suitable for induction-, contact- and hot air shrink units.
Ø3, 4, 5 with h4-tolerance and Ø6-Ø32 with h6-tolerance

Shrink Fit Extention Chuck / 3°热缩刀柄延长杆



Order No. 货号	Size 规格	d	D ₁	D	l ₁ 夹持长度	l ₂ 锥长	A	
4625.8408	SR25-HSC8-300	8	14	25	25	124	300	
4625.8410	SR25-HSC10-300	10	16		32			
4625.8412	SR25-HSC12-300	12	18		38			
4625.8414	SR25-HSC14-300	14	20		40			
4625.8416	SR25-HSC16-300	16	22					
4632.8410	SR25-HSC10-300	10	16	32	32	190.8		
4632.8412	SR32-HSC12-300	12	18		38			
4632.8414	SR32-HSC14-300	14	20		40			
4632.8416	SR32-HSC16-300	16	22		42			
4632.8420	SR32-HSC20-300	20	26					

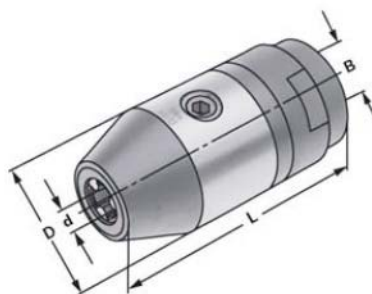
应用范围:装夹迅速,夹紧力大,高速切削。
适用于夹持高速钢HSS和硬质合金圆柱柄刀具。
直径为Ø3,Ø4和Ø5的被夹持刀具的柄部公差要求达到h4,直径为Ø6~Ø32的被夹持柄部公差要求达到h6

Use: For mounting straight-shank tools
Note: Toolholders suitable for induction-, contact- and hot air shrink units.
Ø3,4,5 with h4-tolerance and Ø6-Ø32 with h6-tolerance

Drill Chuck / 钻夹头

NC-Drill chuck for drill chuck adaptors

NC钻夹头



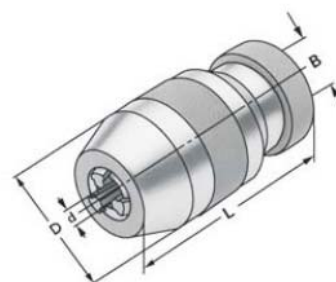
Order No. 货号	Size 尺寸	B	d	D	L
1512.0580	0.5/8-B 12	B 12	0-8	30	76
1516.0113	1.0/13-B 16	B 16	1.0-13	50	102
1516.2516	2.5/16-B16	B 16	2.5-16	57	102

应用范围: 安装在钻头基础柄上。

Use: Installed in the drill chuck adapter

Precision rapid champing drill chucks for drill chuck adaptors

高精度钻夹头



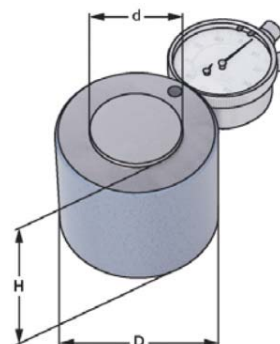
Order No. 货号	Size 尺寸	B	d	D	L
1516.0513.3	0.5/8-B 16	B 16	0.5-13	50	70
1516.0316.3	3.0/16-B 16	B 16	3.0-16	57	70

应用范围: 安装在钻夹头基础柄上 用于精密加工。

Use: For precision working

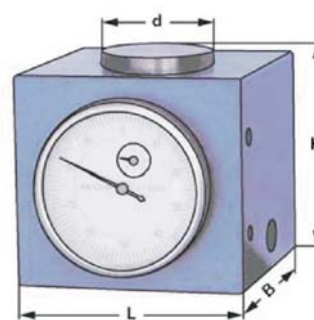
ACCESSORY / 附件

Z轴设定仪/无磁性



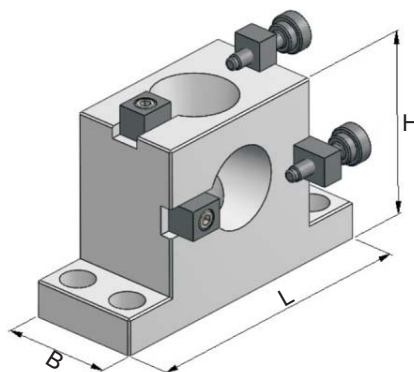
Order No. 货号	D	H	d
7868.1048	68	50	48

Z轴设定仪/带磁性



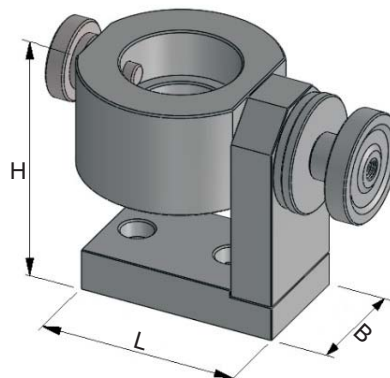
Order No. 货号	L	B	H	d
7852.2025	52	52	50	25

Tightening Fixtures Aluminium / 立卧两用锁刀座



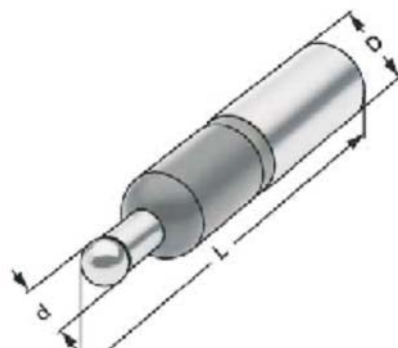
Order No. 货号	Size 型号	L	H	B
6000.0230.8	SK30/BT30	126	75	47
6000.0240.8	SK40/BT40	160	100	60
6000.0250.8	SK50/BT50	180	155	97

钢制锁刀座



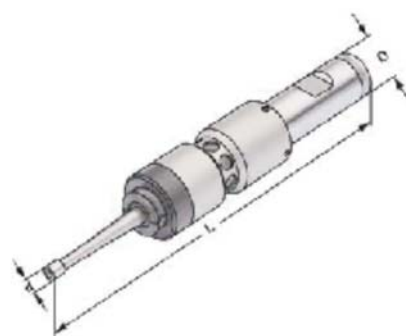
Order No. 货号	Size 型号	L	H	B
60.0432.8	TF-HSK32	111	65	132
60.0440.8	TF-HSK40	111	65	132
60.0450.8	TF-HSK50	111	65	132
60.0463.8	TF-HSK63	111	65	132
60.0480.8	TF-HSK80	111	65	132
60.04100.8	TF-HSK100	111	65	132
60.0416.8	TF-VDI16	100	48	97
60.0820.8	TF-VDI20	100	48	97
60.0825.8	TF-VDI25	100	48	97
60.0830.8	TF-VDI30	111	65	132
60.0840.8	TF-VDI40	111	65	132
60.0850.8	TF-VDI50	111	65	132

直柄光电寻边器 (3D)



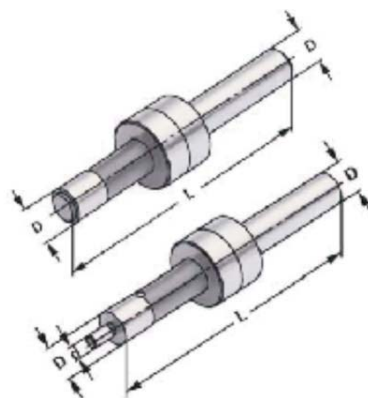
Order No. 货号	Size 型号	D	L	d
6516.3010	16-111-10	16	110	10
6520.3010	20-106-10	20	106	10

侧固柄光电寻边器 (3D)



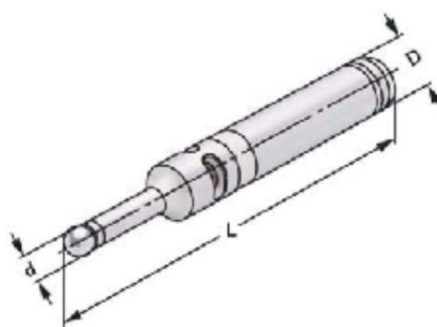
Order No. 货号	D	L	L	d
6520.4006	20	54	173	6

机械寻边器



Order No. 货号	Size 型号	D	L	d
6510.1003	10-84-10	10	84	—
6510.1004	10-94-10/4	10	94	4

光电寻边器 (2D)



Order No. 货号	Size 型号	D	L	d
6516.2010	16-100-10	16	100	10
6520.2010	20-160-10	20	160	10

刀柄货号说明

