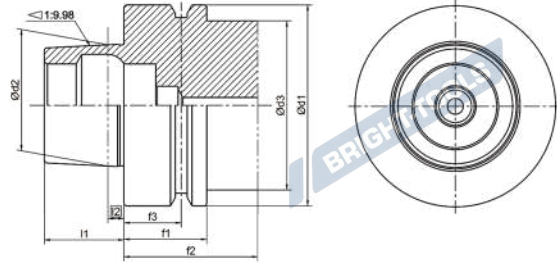
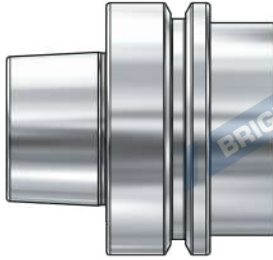


TOOL HOLDERS

HSK-F

HSK-F Taper Standard

HSK-F 锥柄标准



Size	d1	d2	d3	l1	l2	f1	f2	f3
HSK50F	50	30.007	42	20	4	26	42	18
HSK63F	63	38.009	53	25	5	26	42	18
HSK80F	80	48.010	68	32	6.3	26	42	18

Taper standard: DIN 69893; ISO 12164

Material: Alloyed case hardened steel

Surface Treatment: Blackening and Bright

Taper tolerance: <AT3

Hardness: HRC 56-60

Carbon depth: 0.8±0.2mm

Surface Roughness: Ra<0.2μm

Balancing: G6.3/15000; G2.5/25000

HSK-F TOOLING SYSTEM HSK-F 工具系统目录

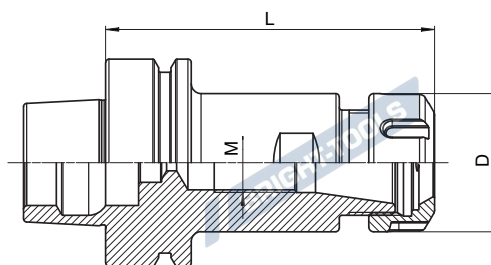
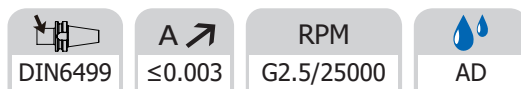
ER Collet Chuck.....	G.48
ER 弹簧夹头刀柄	
OZ Collet Chuck.....	G.48
OZ 夹头刀柄	
Face Mill Holder.....	G.49
面铣刀柄	
End Mill Holder.....	G.49
侧固刀柄	
Morse Taper Adapter	G.50
带扁尾莫氏刀柄	
Boring Bar Blank.....	G.50
基础柄	
Precision Drill Chuck Holder	G.51
精密钻夹头刀柄	
Test Arbor	G.51
主轴检测棒	



HSK

ER Collet Chuck

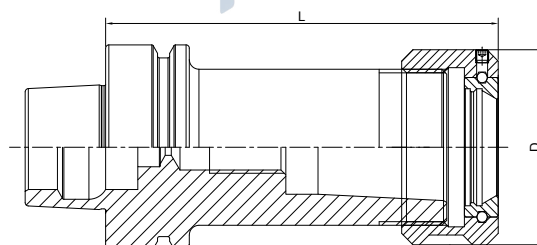
ER 弹簧夹头刀柄



Size	D	L	M	Capacity
HSK40F-ER16-60	28	60	-	1-10
HSK40F-ER25-60	42	60	-	2-16
HSK50F-ER25-70	42	70	-	2-16
HSK50F-ER32-80	50	80	-	2-20
HSK50F-ER40-80	63	80	-	3-26
HSK63F-ER16-60	28	60	-	1-10
HSK63F-ER25-70	42	70	-	2-16
HSK63F-ER32-75	50	75	-	2-20
HSK63F-ER40-80	63	80	-	3-26
HSK63F-ER16-100	28	100	M10	1-10
HSK63F-ER25-100	42	100	M18*1.5	2-16
HSK63F-ER32-100	50	100	M22*1.5	2-20
HSK63F-ER40-100	63	100		3-26

OZ Collet Chuck

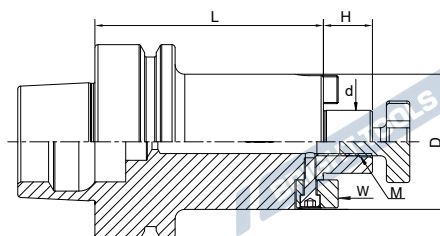
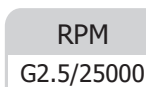
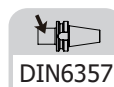
OZ 夹头刀柄



Size	D	L	Capacity
HSK63F-OZ25-90	60	90	3-25

Face Mill Holder

面铣刀柄



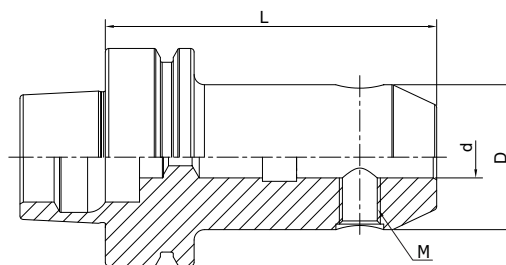
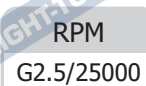
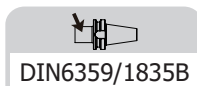
Size	d	D	L	H	M	W
HSK63F-FMB16-50	16	38	50	17	M8	8
HSK63F-FMB22-60	22	48	60	19	M10	10
HSK63F-FMB27-60	27	58	60	21	M12	12
HSK63F-FMB32-60	32	78	60	24	M16	14

Face mill holder is with retaining screw (image 2) except China, it is with universal screw (image 1) in China.
中国市场的铣刀柄标配圆头螺钉 (图 1), 其他国家标配十字花螺钉 (图 2).

HSK

End Mill Holder Weldon

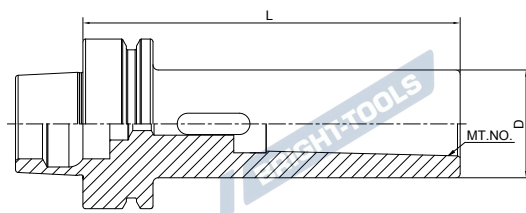
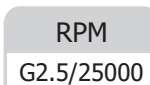
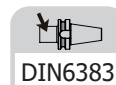
侧固刀柄



Size	d	D	L	M	Screw Quantity
HSK63F-SLA06-65	6	25	65	M6	1
HSK63F-SLA08-65	8	28	65	M8	1
HSK63F-SLA10-65	10	35	65	M10	1
HSK63F-SLA12-80	12	42	80	M12	1
HSK63F-SLA14-80	14	44	80	M12	1
HSK63F-SLA16-80	16	48	80	M14	1
HSK63F-SLA18-80	18	50	80	M14	1
HSK63F-SLA20-80	20	52	80	M16	1
HSK63F-SLA25-110	25	65	110	M18*2	2
HSK63F-SLA32-110	32	72	110	M20*2	2

Morse Taper Adapter with Tang

带扁尾莫氏刀柄

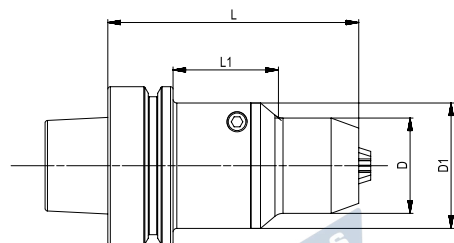
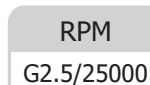


Size	MT.NO.	D	L
HSK63F-MTA1-100	1	25	100
HSK63F-MTA2-120	2	32	120
HSK63F-MTA3-140	3	40	140
HSK63F-MTA4-160	4	48	160

HSK

Precision Drill Chuck Holder

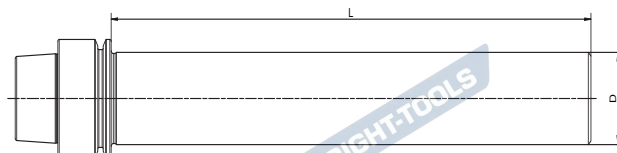
精密钻夹头刀柄



Size	D	D1	L	L1	Capacity
HSK63F-CPU10-100	38	50	100	32	1-10
HSK63F-CPU13-100	50	-	100	-	1-13
HSK63F-CPU16-100	50	-	100	-	1-16

Boring Bar Blank

基础柄



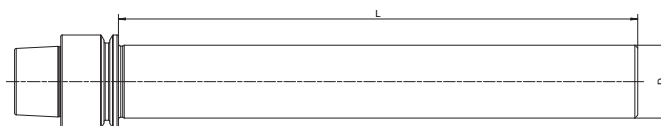
Size	D	L
HSK63F-D65-L160	65	160
HSK63F-D65-L250	65	250

Other sizes can be made by request.

HSK

Test Arbor

主轴检测棒



A ↗
≤0.002

Size	D	L
HSK63F-40-300	40	300