

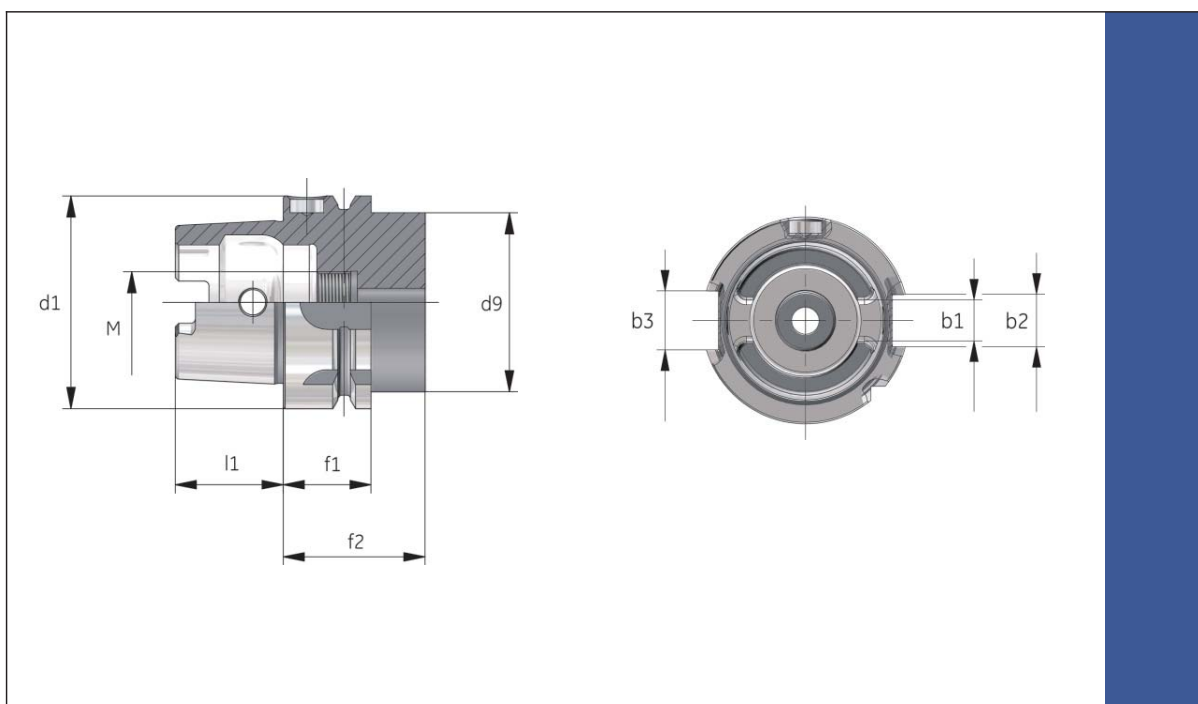
刀柄

HSK-A40+A50

HSK-A63+A100

HSK E40+E50

DIN 69893 (HSK)

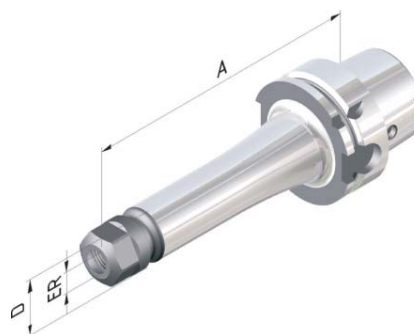
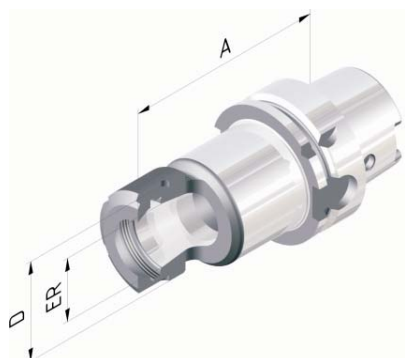


HSK	d1	d9 max.	l1	f1	f2 min.	b1	b2	b3	M
A40	40	34	20	20	35	8.05	9	11	M12x1
A50	50	42	25	26	42	10.54	12	14	M16x1
A63	63	53	32	26	42	12.54	16	18	M18x1
A100	100	85	50	29	45	20.02	20	22	M24x1.5
E40	40	34	20	20	35				M12x1
E50	51	42	25	26	42				M16x1



TOOL HOLDER / 刀柄 DIN 69893(HSK)

ER弹簧夹头刀柄	3.03	ER迷你弹簧夹头刀柄	3.05
侧固式刀柄	3.06	加长侧固式刀柄	3.09
端面通水侧固式刀柄	3.10	斜2° 侧固式铣刀柄	3.11
带扁尾莫氏刀柄	3.12	混合式铣刀柄	3.13
面铣刀柄	3.15	端面通水面铣刀柄	3.17
钻夹头刀柄	3.18	弹性快换攻丝刀柄	3.19
刚性快换攻丝刀柄	3.20	液压刀柄	3.21
热缩刀柄	3.22	端面通水热缩刀柄	3.30

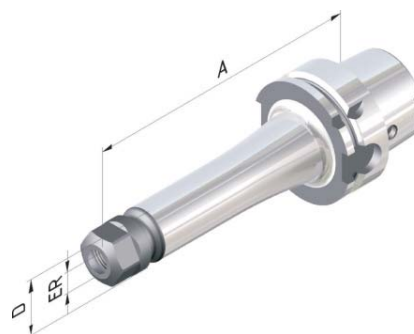
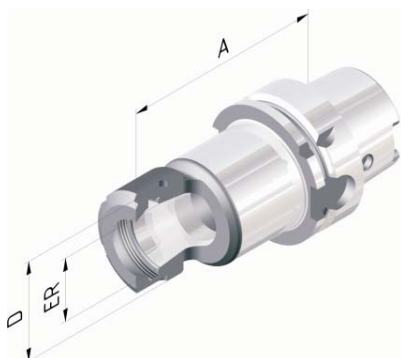
HSK-A Collet Chuck ER / HSK-A ER弹簧夹头刀柄

G2.5 25000min⁻¹
 ≤ 3μ

From AD

Order No. 货号	Size 规格	HSK	ER	Capacity 夹持范围	D 螺帽外径	A 有效长度
H44.1011.80.1	HSK-A40-ER11-80	40	ER11	1-7	19	80
H44.1016.60.1	HSK-A40-ER16-60	40	ER16	1-10	28	60
H44.1016.80.1	HSK-A40-ER16-80	40	ER16	1-10	28	80
H44.1025.70.1	HSK-A40-ER25-70	40	ER25	1-16	42	70
H44.1025.80.1	HSK-A40-ER25-80	40	ER25	1-16	42	80
H44.1032.70.1	HSK-A40-ER32-70	40	ER32	2-20	50	70
H54.1016.60.1	HSK-A50-ER16-60	50	ER16	1-10	28	60
H54.1016.100.1	HSK-A50-ER16-100	50	ER16	1-10	28	100
H54.1025.70.1	HSK-A50-ER25-70	50	ER25	1-16	42	70
H54.1025.100.1	HSK-A50-ER25-100	50	ER25	1-16	42	100
H54.1032.80.1	HSK-A50-ER32-80	50	ER32	2-20	50	80
H54.1032.100.1	HSK-A50-ER32-100	50	ER32	2-20	50	100
H64.1011.75.1	HSK-A63-ER11-75	63	ER11	1-7	20	75
H64.1016.75.1	HSK-A63-ER16-75	63	ER16	1-10	28	75
H64.1016.100.1	HSK-A63-ER16-100	63	ER16	1-10	28	100
H64.1016.160.1	HSK-A63-ER16-160	63	ER16	1-10	28	160
H64.1025.75.1	HSK-A63-ER25-75	63	ER25	1-16	42	75
H64.1025.100.1	HSK-A63-ER25-100	63	ER25	1-16	42	100
H64.1025.160.1	HSK-A63-ER25-160	63	ER25	1-16	43	160
H64.1032.75.1	HSK-A63-ER32-75	63	ER32	2-20	50	75
H64.1032.100.1	HSK-A63-ER32-100	63	ER32	2-20	50	100
H64.1032.160.1	HSK-A63-ER32-160	63	ER32	2-20	50	160
H64.1040.85.1	HSK-A63-ER40-85	63	ER40	4-26	63	85
H64.1040.120.1	HSK-A63-ER40-120	63	ER40	4-26	63	120
H64.1040.160.1	HSK-A63-ER40-160	63	ER40	4-26	63	160

TOOL HOLDER / 刀柄 DIN 69893(HSK)

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



G2.5 25000min⁻¹

≤ 3μ

From AD

Order No. 货号	Size 规格	HSK	ER	Capacity 夹持范围	D 螺帽外径	A 有效长度
H104.1016.100.1	HSK-A100-ER16-100	100	ER16	1-10	28	100
H104.1016.160.1	HSK-A100-ER16-160	100	ER16	1-10	28	160
H104.1016.200.1	HSK-A100-ER16-200	100	ER16	1-10	28	200
H104.1025.100.1	HSK-A100-ER25-100	100	ER25	1-16	42	100
H104.1025.160.1	HSK-A100-ER25-160	100	ER25	1-16	42	160
H104.1025.200.1	HSK-A100-ER25-200	100	ER25	1-16	42	200
H104.1032.100.1	HSK-A100-ER32-100	100	ER32	2-20	50	100
H104.1032.160.1	HSK-A100-ER32-160	100	ER32	2-20	50	160
H104.1032.200.1	HSK-A100-ER32-200	100	ER32	2-20	50	200
H104.1040.120.1	HSK-A100-ER40-120	100	ER40	4-26	63	120
H104.1040.160.1	HSK-A100-ER40-160	100	ER40	4-26	63	160
H104.1040.200.1	HSK-A100-ER40-200	100	ER40	4-26	63	200
H45.1011.60.1	HSK-E40-ER11-60	40	ER11	1-7	19	60
H45.1016.60.1	HSK-E40-ER16-60	40	ER16	1-10	28	60
H45.1016.80.1	HSK-E40-ER16-80	40	ER16	1-10	28	80
H45.1025.70.1	HSK-E40-ER25-70	40	ER25	1-16	42	70
H45.1025.80.1	HSK-E40-ER25-80	40	ER25	1-16	42	80
H55.1016.60.1	HSK-E50-ER16-60	50	ER16	1-10	28	60
H55.1016.100.1	HSK-E50-ER16-100	50	ER16	1-10	28	100
H55.1025.70.1	HSK-E50-ER25-70	50	ER25	1-16	42	70
H55.1025.100.1	HSK-E50-ER25-100	50	ER25	1-16	42	100
H55.1032.80.1	HSK-E50-ER32-80	50	ER32	2-20	50	80
H55.1032.100.1	HSK-E50-ER32-100	50	ER32	2-20	50	100

应用：以ER夹头夹持圆柱柄刀具

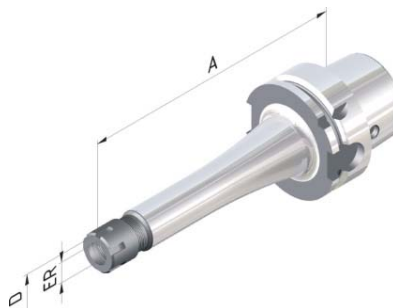
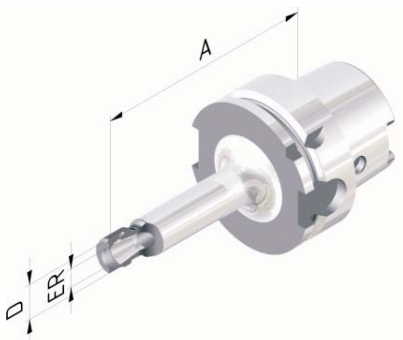
技术结构：外锥到内锥跳动≤ 0,003 mm,
在 2,5 X D处最大跳动为 ≤ 8 μ

发货：带螺母

Application: For clamping tools with cylindrical shank
in collets ER.

Technical Design: Runout of outer taper to inner taper ≤ 0,003 mm.
Due to adjusted taper tolerances of the ER-
Inner taper and the Collet taper max.
runout of ≤ 8 μ at 2,5 X D.

Includes: Clamping nut.

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

G2.5 25000min⁻¹
 ≤ 3μ

From AD

Order No. 货号	Size 规格	HSK	ER	Capacity 夹持范围	D 螺帽外径	A 有效长度
H64.1011.100.1	HSK-A63-ER11-100	63	ER11	1-7	16	100
H64.1011.160.1	HSK-A63-ER11-160	63	ER11	1-7	16	160
H64.1016.100.1	HSK-A63-ER16-100	63	ER16	1-10	22	100
H64.1016.160.1	HSK-A63-ER16-160	63	ER16	1-10	22	160
H64.1025.100.1	HSK-A63-ER25-100	63	ER25	1-16	35	100
H64.1025.160.1	HSK-A63-ER25-160	63	ER25	1-16	35	160

应用：以ER夹头夹持圆柱柄刀具

技术结构：外锥到内锥跳动 ≤ 0,003 mm,
在 2,5 X D处最大跳动为 ≤ 8 μ

发货：带螺母

Application: For clamping tools with cylindrical shank
in collets ER.

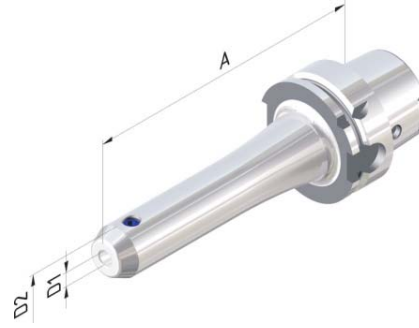
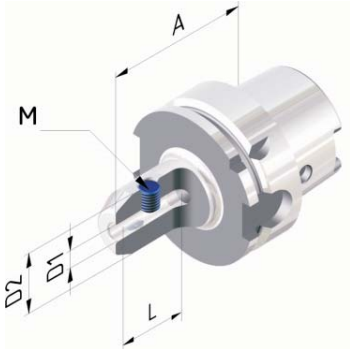
Technical Design: Runout of outer taper to inner taper ≤ 0,003 mm.
Due to adjusted taper tolerances of the ER-
Inner taper and the Collet taper max.
runout of ≤ 8 μ at 2,5 X D.

Includes: Clamping nut.



TOOL HOLDER / 刀柄 DIN 69893(HSK)

HSK-A Weldon Toolholder / HSK-A 侧固式铣刀柄



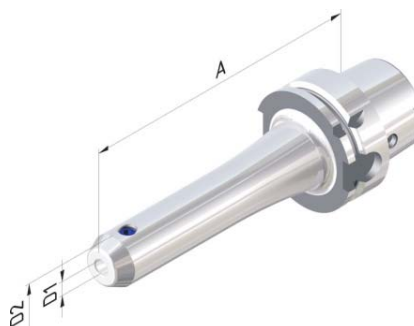
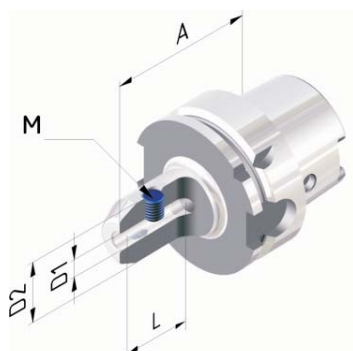
G2.5 25000min⁻¹

≤ 3μ

From AD

Order No. 货号	Size 规格	HSK	D1	D2	L	M	A 有效长度
H44.2006.60.1	HSK-A40-6-60	40	6	25	35	M6	60
H44.2008.60.1	HSK-A40-8-60	40	8	28	35	M8	60
H44.2010.60.1	HSK-A40-10-60	40	10	35	41	M10	60
H44.2012.70.1	HSK-A40-12-70	40	12	42	48	M12	70
H44.2014.75.1	HSK-A40-14-75	40	14	42	48	M12	75
H44.2016.75.1	HSK-A40-16-75	40	16	48	51	M14	75
H54.2006.65.1	HSK-A50-6-65	50	6	25	35	M6	65
H54.2008.65.1	HSK-A50-8-65	50	8	28	35	M8	65
H54.2010.65.1	HSK-A50-10-65	50	10	35	41	M10	65
H54.2012.80.1	HSK-A50-12-80	50	12	42	48	M12	80
H54.2016.80.1	HSK-A50-16-80	50	16	48	51	M14	80
H54.2020.80.1	HSK-A50-20-80	50	20	52	53	M16	80
H64.2006.65.1	HSK-A63-6-65	63	6	25	35	M6	65
H64.2006.120.1	HSK-A63-6-120	63	6	25	35	M6	120
H64.2006.160.1	HSK-A63-6-160	63	6	25	35	M6	160
H64.2008.65.1	HSK-A63-8-65	63	8	28	35	M8	65
H64.2008.120.1	HSK-A63-8-120	63	8	28	35	M8	120
H64.2008.160.1	HSK-A63-8-160	63	8	28	35	M8	160
H64.2010.65.1	HSK-A63-10-65	63	10	35	41	M10	65
H64.2010.120.1	HSK-A63-10-120	63	10	35	41	M10	120
H64.2010.160.1	HSK-A63-10-160	63	10	35	41	M10	160
H64.2012.80.1	HSK-A63-12-80	63	12	42	48	M12	80
H64.2012.120.1	HSK-A63-12-120	63	12	42	48	M12	120
H64.2012.160.1	HSK-A63-12-160	63	12	42	48	M12	160
H64.2014.80.1	HSK-A63-14-80	63	14	42	48	M12	80
H64.2014.120.1	HSK-A63-14-120	63	14	42	48	M12	120

DIN 69893 (HSK)

HSK-A Weldon Toolholder / HSK-A 侧固式铣刀柄


G2.5 25000min⁻¹

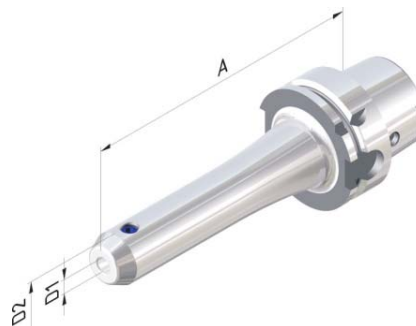
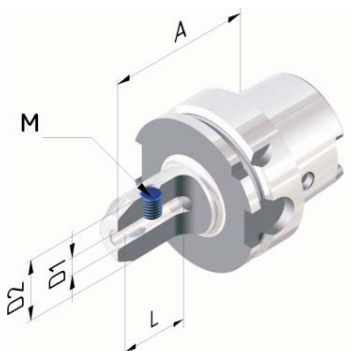
↗ ≤ 3μ

From AD

Order No. 货号	Size 规格	HSK	D1	D2	L	M	A 有效长度
H64.2014.160.1	HSK-A63-14-160	63	14	42	48	M12	160
H64.2016.80.1	HSK-A63-16-80	63	16	48	51	M14	80
H64.2016.120.1	HSK-A63-16-120	63	16	48	51	M14	120
H64.2016.160.1	HSK-A63-16-160	63	16	48	51	M14	160
H64.2018.80.1	HSK-A63-18-80	63	18	48	51	M14	80
H64.2018.120.1	HSK-A63-18-120	63	18	48	51	M14	120
H64.2018.160.1	HSK-A63-18-160	63	18	48	51	M14	160
H64.2020.80.1	HSK-A63-20-80	63	20	52	53	M16	80
H64.2020.120.1	HSK-A63-20-120	63	20	52	53	M16	120
H64.2020.160.1	HSK-A63-20-160	63	20	52	53	M16	160
H64.2025.110.1	HSK-A63-25-110	63	25	65	60	M18x2	110
H64.2025.160.1	HSK-A63-25-160	63	25	65	60	M18x2	160
H64.2032.110.1	HSK-A63-32-110	63	32	72	64	M20x2	110
H64.2032.160.1	HSK-A63-32-160	63	32	72	64	M20x2	160
H104.2006.80.1	HSK-A100-6-80	100	6	25	35	M6	80
H104.2006.160.1	HSK-A100-6-160	100	6	25	35	M6	160
H104.2008.80.1	HSK-A100-8-80	100	8	28	35	M8	80
H104.2008.160.1	HSK-A100-8-160	100	8	28	35	M8	160
H104.2010.80.1	HSK-A100-10-80	100	10	35	41	M10	80
H104.2010.160.1	HSK-A100-10-160	100	10	35	41	M10	160
H104.2012.80.1	HSK-A100-12-80	100	12	42	4	M12	80
H104.2012.160.1	HSK-A100-12-160	100	12	42	4	M12	160
H104.2014.80.1	HSK-A100-14-80	100	14	42	48	M12	80
H104.2014.160.1	HSK-A100-14-160	100	14	42	48	M12	160
H104.2016.80.1	HSK-A100-16-100	100	16	48	51	M14	100
H104.2016.160.1	HSK-A100-16-160	100	16	48	51	M14	160
H104.2018.100.1	HSK-A100-18-100	100	18	48	51	M14	100

TOOL HOLDER / 刀柄 DIN 69893(HSK)

HSK-A/E Weldon Toolholder / HSK-A/E 侧固式铣刀柄



G2.5 25000min⁻¹

↗ ≤ 3μ

From AD

Order No. 货号	Size 规格	HSK	D1	D2	L	M	A 有效长度
H104.2018.160.1	HSK-A100-18-160	100	18	48	51	M14	160
H104.2020.100.1	HSK-A100-20-100	100	20	52	533	M16	100
H104.2020.160.1	HSK-A100-20-160	100	20	52	533	M16	160
H104.2025.100.1	HSK-A100-25-100	100	25	65	60	M18x2	100
H104.2025.160.1	HSK-A100-25-160	100	25	65	60	M18x2	160
H104.2032.100.1	HSK-A100-32-100	100	32	72	64	M20x2	100
H104.2032.160.1	HSK-A100-32-160	100	32	72	64	M20x2	160
H104.2040.120.1	HSK-A100-40-120	100	40	80	74	M20x2	120
H45.2006.60.1	HSK-E40-6-60	40	6	25	35	M6	60
H45.2008.60.1	HSK-E40-8-60	40	8	28	35	M8	60
H45.2010.60.1	HSK-E40-10-60	40	10	35	41	M10	60
H45.2012.70.1	HSK-E40-12-70	40	12	42	48	M12	70
H45.2014.75.1	HSK-E40-14-75	40	14	42	48	M12	75
H45.2016.75.1	HSK-E40-16-75	40	16	48	51	M14	75
H55.2006.65.1	HSK-E50-6-65	50	6	25	35	M6	65
H55.2008.65.1	HSK-E50-8-65	50	8	28	35	M8	65
H55.2010.65.1	HSK-E50-10-65	50	10	35	41	M10	65
H55.2012.80.1	HSK-E50-12-80	50	12	42	48	M12	80
H55.2014.80.1	HSK-E50-14-80	50	14	48	51	M14	80
H55.2020.80.1	HSK-E50-20-80	50	20	52	53	M16	80

DIN 69893 (HSK)

应用：夹持DIN 1835B/6359HB圆柱柄刀具

技术结构：外锥相对D1的跳动 ≤ 0,003 mm，孔公差
级别H4（比DIN更精确）

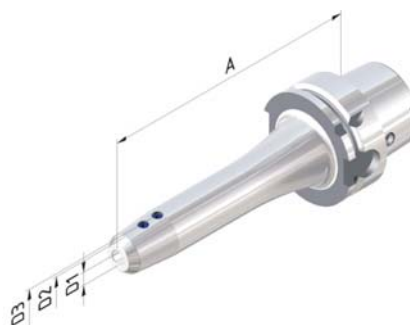
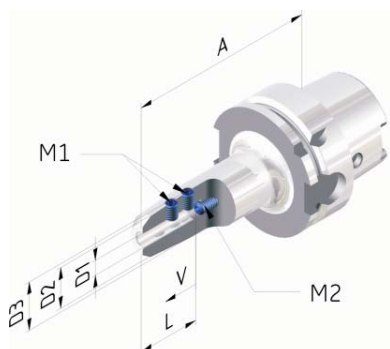
发货：夹紧螺丝

Application: For clamping tools with cylindrical shank
according to DIN 1835 B.

Technical Design: Runout of outer taper to D1 ≤ 0,003 mm
Tolerance of bore H4 (more accurate as DIN).

Includes: Clamping screw.

HSK-A Weldon Toolholder / HSK-A 加长侧固式铣刀柄



G2.5 25000min⁻¹

↗ ≤ 3μ

From AD

Order No. 货号	Size 规格	HSK	D1	D2	D3	L	M1	M2	A 有效长度
H64.2006.100.1	HSK-A63-6-100	63	6	13	24	36.5	M6	M6	100
H64.2006.160.1	HSK-A63-6-160	63	6	13	24	36.5	M6	M5	160
H64.2008.100.1	HSK-A63-8-100	63	8	15	26	36.5	M6	M6	100
H64.2008.160.1	HSK-A63-8-160	63	8	15	26	36.5	M6	M6	160
H64.2010.100.1	HSK-A63-10-100	63	10	16	28	40.5	M6	M8x1	100
H64.2010.160.1	HSK-A63-10-160	63	10	16	28	40.5	M6	M8x1	160
H64.2012.120.1	HSK-A63-12-120	63	12	17	29	45.5	M6	M10x1	120
H64.2012.160.1	HSK-A63-12-160	63	12	17	29	45.5	M6	M10x1	160
H64.2014.120.1	HSK-A63-14-120	63	14	19	32	45.5	M8	M10x1	120
H64.2014.160.1	HSK-A63-14-160	63	14	19	32	45.5	M8	M10x1	160
H64.2016.120.1	HSK-A63-16-120	63	16	21	34	48.5	M8	M12x1	120
H64.2016.160.1	HSK-A63-16-160	63	16	21	34	48.5	M8	M12x1	160
H64.2018.120.1	HSK-A63-18-120	63	18	23	36	48.5	M8	M12x1	120
H64.2018.160.1	HSK-A63-18-160	63	18	23	36	48.5	M8	M12x1	160
H64.2020.120.1	HSK-A63-20-120	63	20	25	38	50.5	M8	M16x1	120
H64.2020.160.1	HSK-A63-20-160	63	20	25	38	50.5	M8	M16x1	160

应用：混合式结构, 夹持DIN 1835B/6359HB和
DIN1835E/6359HE圆柱柄刀具

技术结构：外锥相对D1的跳动 ≤ 0,003 mm, 孔公差
级别H4 (比DIN更精确)

发货：带特殊夹紧螺钉 (球头) 和调节螺钉

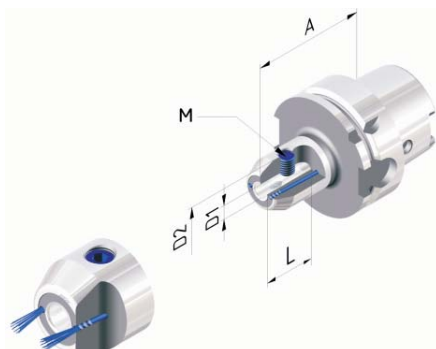
Application: For clamping tools with cylindrical shank
according to DIN 1835 B and E.

Technical Design: Runout of outer taper to D1 ≤ 0,003 mm
Tolerance of bore H4 (more accurate as DIN).

Includes: Special clamping screw (with ball head)
and set screw.

TOOL HOLDER / 刀柄 DIN 69893(HSK)

HSK-A Weldon Toolholder / HSK-A 端面通水侧固式铣刀柄



G2.5 25000min⁻¹

≤ 3μ

From 端面通水

Order No. 货号	Size 规格	HSK	D1	D2	L	M	A 有效长度
H64.2006.65.3	HSK-A63-6-65	63	6	25	35	M6	65
H64.2006.120.3	HSK-A63-6-120	63	6	25	35	M6	120
H64.2008.65.3	HSK-A63-8-65	63	8	28	35	M8	65
H64.2008.120.3	HSK-A63-8-120	63	8	28	35	M8	120
H64.2010.65.3	HSK-A63-10-65	63	10	35	41	M10	65
H64.2010.120.3	HSK-A63-10-120	63	10	35	41	M10	120
H64.2012.80.3	HSK-A63-12-80	63	12	42	48	M12	80
H64.2012.120.3	HSK-A63-12-120	63	12	42	48	M12	120
H64.2014.80.3	HSK-A63-14-80	63	14	42	48	M12	80
H64.2014.120.3	HSK-A63-14-120	63	14	42	48	M12	120
H64.2016.80.3	HSK-A63-16-80	63	16	48	51	M14	80
H64.2016.120.3	HSK-A63-16-120	63	16	48	51	M14	120
H64.2018.80.3	HSK-A63-18-80	63	18	48	51	M14	80
H64.2018.120.3	HSK-A63-18-120	63	18	48	51	M14	120
H64.2020.80.3	HSK-A63-20-80	63	20	52	53	M16	80
H64.2020.120.3	HSK-A63-20-120	63	20	52	53	M16	120
H64.2025.110.3	HSK-A63-25-110	63	25	65	60	M18x2	110
H64.2032.110.3	HSK-A63-32-110	63	32	72	64	M20x2	110
H104.2006.80.3	HSK-A100-6-80	100	6	25	35	M6	80
H104.2008.80.3	HSK-A100-8-80	100	8	28	35	M8	80
H104.2010.80.3	HSK-A100-10-80	100	10	35	41	M10	80
H104.2012.80.3	HSK-A100-12-80	100	12	42	48	M12	80
H104.2014.80.3	HSK-A100-14-80	100	14	42	48	M12	80
H104.2016.100.3	HSK-A100-16-100	100	16	48	51	M14	100
H104.2018.100.3	HSK-A100-18-100	100	18	48	51	M14	100
H104.2020.100.3	HSK-A100-20-100	100	20	52	53	M16	100
H104.2025.100.3	HSK-A100-25-100	100	25	65	60	M18x2	100
H104.2032.100.3	HSK-A100-32-100	100	32	72	64	M20x2	100

应用：专门用于无内冷刀具，用在难排屑位置上加工。用于夹持DIN1835B/6359HB圆柱柄刀具。

技术结构：刀杆内两个孔将冷却剂直接能到切削刃，使用内冷刀具的话，可以用螺钉密封冷却孔

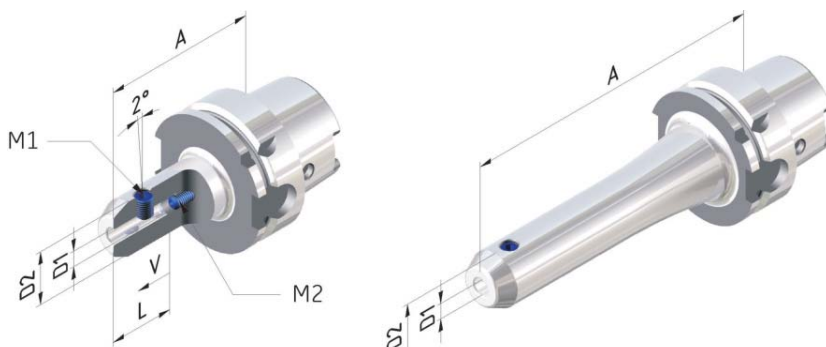
发货：夹紧螺钉，2个M3密封螺钉

Application: Particularly suitable for tools without internal coolant, and for machining at difficult positions with bad chip removal.

Technical Design: Two holes in the toolholder lead the coolant directly to the cutting edge. Coolant holes can be re-sealed with screws for the use of tools with internal coolant holes.

Includes: Clamping screw and 2 x M3-screws to plug the coolant holes if needed.

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



G2.5 25000min⁻¹

↗ ≤ 3μ

From AD

Order No. 货号	Size 规格	HSK	D1	D2	L	M1	M2	V	A 有效长度
H64.2106.80.1	HSK-A63-6-80	63	6	25	36.5	M6	M5	10	80
H64.2108.80.1	HSK-A63-8-80	63	8	28	36.5	M8	M6	10	80
H64.2110.80.1	HSK-A63-10-80	63	10	35	40.5	M10	M8	10	80
H64.2112.90.1	HSK-A63-12-90	63	12	42	45.5	M12	M10	10	90
H64.2114.90.1	HSK-A63-14-90	63	14	42	45.5	M12	M10	10	90
H64.2116.100.1	HSK-A63-16-100	63	16	48	48.5	M14	M12	10	100
H64.2118.100.1	HSK-A63-18-100	63	18	48	48.5	M14	M12	10	100
H64.2120.100.1	HSK-A63-20-100	63	20	52	50.5	M16	M16	10	100
H64.2125.110.1	HSK-A63-25-110	63	25	65	56.5	M18x2	M20	10	110
H64.2132.110.1	HSK-A63-32-110	63	32	72	60.5	M20x2	M20	10	110
H104.2106.90.1	HSK-A100-6-90	100	6	25	36.5	M6	M5		90
H104.2108.90.1	HSK-A100-8-90	100	8	28	36.5	M8	M6		90
H104.2110.90.1	HSK-A100-10-90	100	10	35	40.5	M10	M8		90
H104.2112.100.1	HSK-A100-12-100	100	12	42	45.5	M12	M10		100
H104.2114.100.1	HSK-A100-14-100	100	14	42	45.5	M12	M10		100
H104.2116.100.1	HSK-A100-16-100	100	16	48	48.5	M14	M12		100
H104.2118.100.1	HSK-A100-18-100	100	18	48	48.5	M14	M12		100
H104.2120.110.1	HSK-A100-20-110	100	20	52	50.5	M16	M16		110
H104.2125.120.1	HSK-A100-25-120	100	25	65	56.5	M18x2	M20		120
H104.2132.120.1	HSK-A100-32-120	100	32	72	60.5	M20x2	M20		120
H104.2140.120.1	HSK-A100-40-120	100	40	80	74.0	M20x2	M20		120

应用：用于夹持DIN1835E/6359HE圆柱柄刀具

Application: For clamping tools with cylindrical shank according to DIN 1835 B and E.

技术结构：外锥相对D1的跳动 ≤ 0,003 mm，孔公差级别H4（比DIN更精确）

Technical Design: Runout of outer taper to D1 ≤ 0,003 mm Tolerance of bore H4 (more accurate as DIN).

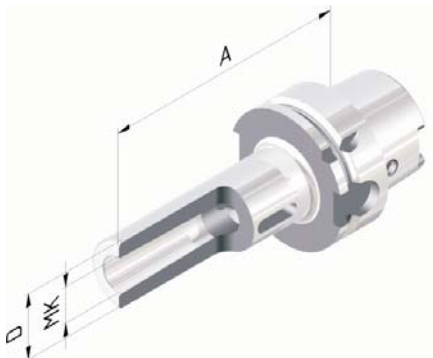
发货：带特殊夹紧螺钉（球头）和调节螺钉

Includes: Special clamping screw(with ball head) and set screw.



TOOL HOLDER / 刀柄 DIN 69893(HSK)

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



G2.5 25000min⁻¹

↗ ≤ 5μ

From AD

Order No. 货号	Size 规格	HSK	MK	D	A 有效长度
H64.3001.100.1	HSK-A63-1-100	63	1	25	100
H64.3002.120.1	HSK-A63-2-120	63	2	32	120
H64.3003.140.1	HSK-A63-3-140	63	3	40	140
H64.3004.160.1	HSK-A63-4-160	63	4	48	160
H104.3001.110.1	HSK-A100-1-110	100	1	25	110
H104.3002.120.1	HSK-A100-2-120	100	2	32	120
H104.3003.150.1	HSK-A100-3-150	100	3	40	150
H104.3004.170.1	HSK-A100-4-170	100	4	48	170

应用：夹持带莫氏柄的刀具

技术结构：外锥到内锥跳动 ≥0.008mm

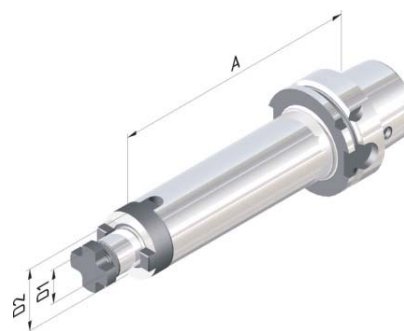
发货：

Application: For adapting tools with morse taper shank.

Technical Design: Runout of outer taper to morse taper ≥0.008mm

Includes:

DIN 69893 (HSK)

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

G2.5 25000min⁻¹
 ≤ 6μ

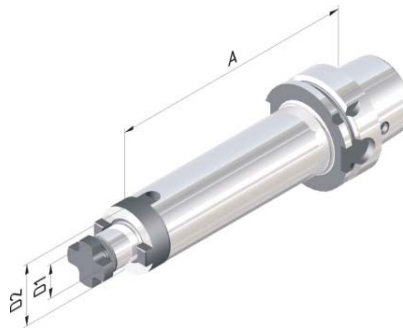
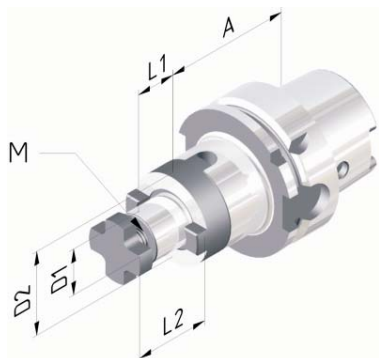
From AD

Order No. 货号	Size 规格	HSK	D1	D2	L1	L2	M	A 有效长度
H64.4016.60.1	HSK-A63-16-60	63	16	32	17	27	M8	60
H64.4016.100.1	HSK-A63-16-100	63	16	32	17	27	M8	100
H64.4016.160.1	HSK-A63-16-160	63	16	32	17	27	M8	160
H64.4022.60.1	HSK-A63-22-60	63	22	40	19	31	M10	60
H64.4022.100.1	HSK-A63-22-100	63	22	40	19	31	M10	100
H64.4022.160.1	HSK-A63-22-160	63	22	40	19	31	M10	160
H64.4027.60.1	HSK-A63-27-60	63	27	48	21	33	M12	60
H64.4027.100.1	HSK-A63-27-100	63	27	48	21	33	M12	100
H64.4027.160.1	HSK-A63-27-160	63	27	48	21	33	M12	160
H64.4032.60.1	HSK-A63-32-60	63	32	58	24	38	M16	60
H64.4032.100.1	HSK-A63-32-100	63	32	58	24	38	M16	100
H64.4032.160.1	HSK-A63-32-160	63	32	58	24	38	M16	160
H64.4040.70.1	HSK-A63-40-70	63	40	70	27	41	M20	70
H64.4040.160.1	HSK-A63-40-160	63	40	70	27	41	M20	160
H104.4016.60.1	HSK-A100-16-60	100	16	32	17	27	M8	60
H104.4016.100.1	HSK-A100-16-100	100	16	32	17	27	M8	100
H104.4016.160.1	HSK-A100-16-160	100	16	32	17	27	M8	160
H104.4022.60.1	HSK-A100-22-60	100	22	40	19	31	M10	60
H104.4022.100.1	HSK-A100-22-100	100	22	40	19	31	M10	100
H104.4022.160.1	HSK-A100-22-160	100	22	40	19	31	M10	160
H104.4027.60.1	HSK-A100-27-60	100	27	48	21	33	M12	60
H104.4027.100.1	HSK-A100-27-100	100	27	48	21	33	M12	100
H104.4027.160.1	HSK-A100-27-160	100	27	48	21	33	M12	160
H104.4032.60.1	HSK-A100-32-60	100	32	58	24	38	M16	60
H104.4032.100.1	HSK-A100-32-100	100	32	58	24	38	M16	100
H104.4032.160.1	HSK-A100-32-160	100	32	58	24	38	M16	160
H104.4040.70.1	HSK-A100-40-70	100	40	70	27	41	M20	70



TOOL HOLDER / 刀柄 DIN 69893(HSK)

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



G2.5 25000min⁻¹

↗ ≤ 6μ

From AD

Order No. 货号	Size 规格	HSK	D1	D2	L1	L2	M	A 有效长度
H104.4040.100.1	HSK-A100-40-100	100	40	70	27	41	M20	100
H104.4040.160.1	HSK-A100-40-160	100	40	70	27	41	M20	160

应用：适用于带横向槽和纵向槽的面铣刀

技术结构：外锥相对D1的跳动 ≤ 0,006 mm

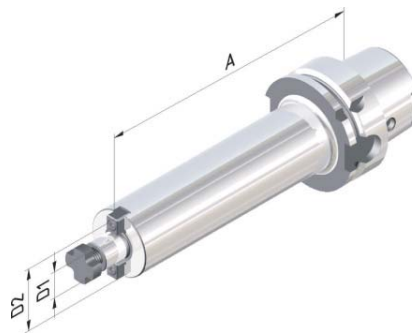
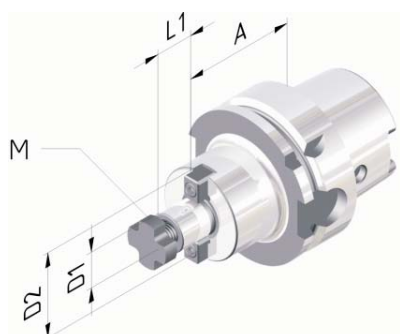
发货：带特殊夹紧螺钉, 传动键和调节环

Application: For adapting shell mills with transverse and longitudinal groove.

Technical Design: Runout of outer taper to D1 ≤ 0,006 mm.

Includes: Clamping screw, drive key and adjusting spring.

DIN 69893 (HSK)

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

G2.5 25000min⁻¹
 ≤ 6μ

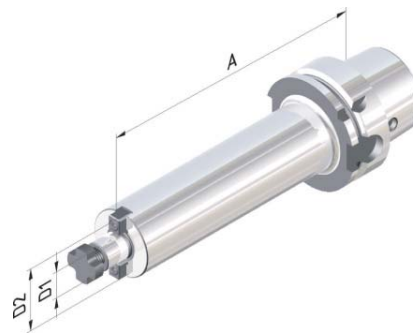
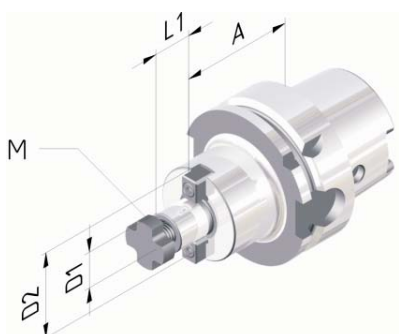
From AD

Order No. 货号	Size 规格	HSK	D1	D2	L	M	A 有效长度
H44.4116.50.1	HSK-A40-16-50	40	16	38	17	M8	50
H44.4122.60.1	HSK-A40-22-60	40	22	48	19	M10	60
H54.4116.50.1	HSK-A50-16-50	50	16	38	17	M8	50
H54.4122.60.1	HSK-A50-22-60	50	22	48	19	M10	60
H54.4127.60.1	HSK-A50-27-60	50	27	60	21	M12	60
H64.4116.50.1	HSK-A63-16-50	63	16	38	17	M8	50
H64.4116.100.1	HSK-A63-16-100	63	16	38	17	M8	100
H64.4116.160.1	HSK-A63-16-160	63	16	38	17	M8	160
H64.4122.50.1	HSK-A63-22-50	63	22	48	19	M10	50
H64.4122.100.1	HSK-A63-22-100	63	22	48	19	M10	100
H64.4122.160.1	HSK-A63-22-160	63	22	48	19	M10	160
H64.4127.60.1	HSK-A63-27-60	63	27	60	21	M12	60
H64.4127.100.1	HSK-A63-27-100	63	27	60	21	M12	100
H64.4127.160.1	HSK-A63-27-160	63	27	60	21	M12	160
H64.4132.60.1	HSK-A63-32-60	63	32	78	24	M16	60
H64.4132.100.1	HSK-A63-32-100	63	32	78	24	M16	100
H64.4132.160.1	HSK-A63-32-160	63	32	78	24	M16	160
H64.4140.60.1	HSK-A63-40-60	63	40	89	27	M20	60
H64.4140.100.1	HSK-A63-40-100	63	40	89	27	M20	100
H104.4116.50.1	HSK-A100-16-50	100	16	38	17	M8	50
H104.4116.100.1	HSK-A100-16-100	100	16	38	17	M8	100
H104.4116.160.1	HSK-A100-16-160	100	16	38	17	M8	160
H104.4122.50.1	HSK-A100-22-50	100	22	48	19	M10	50
H104.4122.100.1	HSK-A100-22-100	100	22	48	19	M10	100
H104.4122.160.1	HSK-A100-22-160	100	22	48	19	M10	160



TOOL HOLDER / 刀柄 DIN 69893(HSK)

HSK-A/E Shell Mill Toolholder / HSK-A/E 面铣刀柄



G2.5 25000min⁻¹

≤ 6μ

From AD

Order No. 货号	Size 规格	HSK	D1	D2	L	M	A 有效长度
H104.4127.50.1	HSK-A100-27-50	100	27	60	21	M12	50
H104.4127.100.1	HSK-A100-27-100	100	27	60	21	M12	100
H104.4127.160.1	HSK-A100-27-160	100	27	60	21	M12	160
H104.4132.50.1	HSK-A100-32-50	100	32	78	24	M16	50
H104.4132.100.1	HSK-A100-32-100	100	32	78	24	M16	100
H104.4132.160.1	HSK-A100-32-160	100	32	78	24	M16	160
H104.4140.60.1	HSK-A100-40-60	100	40	89	27	M20	60
H104.4140.100.1	HSK-A100-40-100	100	40	89	27	M20	100
H104.4140.160.1	HSK-A100-40-160	40	40	89	27	M20	160
H104.4160.70.1	HSK-A100-60-70	40	60	140	40	M32	70
H45.4116.50.1	HSK-E40-16-50	40	16	38	17	M8	50
H45.4122.60.1	HSK-E40-22-60	40	22	48	19	M10	60
H55.4116.50.1	HSK-E50-16-50	50	16	38	17	M8	50
H55.4122.60.1	HSK-E50-22-60	50	22	48	19	M10	60
H55.4127.50.1	HSK-E50-27-50	50	27	60	21	M12	60

应用：适用于带横向槽和纵向槽的面铣刀

技术结构：带延长凸缘，外锥相对D1的
跳动 ≤ 0,006 mm

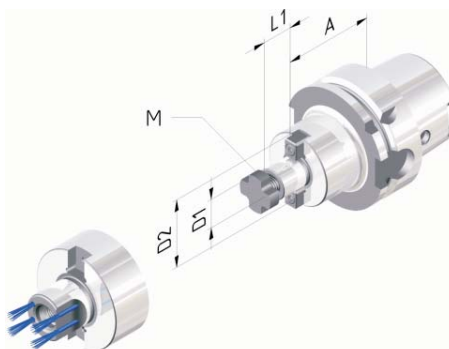
发货：带特殊夹紧螺钉和传动键

Application: For adapting shell mills with transverse slot.

Technical Design: With extended flange Runout of outer taper
to D1 ≤ 0,006 mm.

Includes: Clamping screw and drive keys.

DIN 69893 (HSK)

HSK-A Shell Mill Toolholder / HSK-A 端面通水面铣刀柄

G2.5 25000min⁻¹
 ≤ 6μ

From 端面通水

Order No. 货号	Size 规格	HSK	D1	D2	L	M	A 有效长度
H64.4116.50.3	HSK-A63-16-50	63	16	38	17		50
H64.4116.100.3	HSK-A63-16-100	63	16	38	17		100
H64.4116.160.3	HSK-A63-16-160	63	16	38	17		160
H64.4122.50.3	HSK-A63-22-50	63	22	48	19		50
H64.4122.100.3	HSK-A63-22-100	63	22	48	19		100
H64.4122.160.3	HSK-A63-22-160	63	22	48	19		160
H64.4127.50.3	HSK-A63-27-50	63	27	60	21		50
H64.4127.100.3	HSK-A63-27-100	63	27	60	21		100
H64.4127.160.3	HSK-A63-27-160	63	27	60	21		160
H64.4132.50.3	HSK-A63-32-50	63	32	78	24		50
H64.4132.100.3	HSK-A63-32-100	63	32	78	24		100
H64.4132.160.3	HSK-A63-32-160	63	32	78	24		160
H104.4116.50.3	HSK-A100-16-50	100	16	38	17	M8	50
H104.4116.100.3	HSK-A100-16-100	100	16	38	17	M8	100
H104.4122.50.3	HSK-A100-22-50	100	22	48	19	M10	50
H104.4122.100.3	HSK-A100-22-100	100	22	48	19	M10	100
H104.4127.50.3	HSK-A100-27-50	100	27	60	21	M12	50
H104.4127.100.3	HSK-A100-27-100	100	27	60	21	M12	100
H104.4132.50.3	HSK-A100-32-50	100	32	78	24	M16	50
H104.4132.100.3	HSK-A100-32-100	100	32	78	24	M16	100
H104.4140.60.3	HSK-A100-40-60	100	40	89	27	M20	60
H104.4140.100.3	HSK-A100-40-100	100	40	89	27	M20	100

应用：适用于带横向槽和纵向槽的面铣刀

技术结构：带延长凸缘，外锥相对D1的
跳动 ≤ 0,006 mm

发货：带特殊夹紧螺钉和传动键

Application: For adapting shell mills with coolant through to the cutting edges.

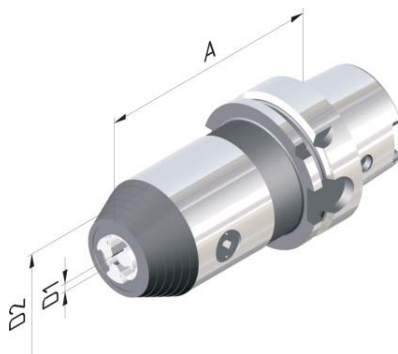
Technical Design: With extended flange Runout of outer taper to D1 ≤ 0,006 mm.

Includes: Clamping screw and drive keys.



TOOL HOLDER / 刀柄 DIN 69893(HSK)

HSK-A Short Drill Chuck / HSK-A 钻夹头刀柄



G6.3 12000min⁻¹

↗ ≤ 6μ

From AD

Order No. 货号	Size 规格	HSK	D1	D2	A 有效长度
H34.5008.90.1	HSK-A32-8-90	32	0-8	36	90
H44.5008.90.1	HSK-A40-8-90	40	0-8	36	90
H44.5013.121.1	HSK-A40-13-121	40	1-13	50	121
H44.5016.126.1	HSK-A40-16-126	40	2.5-16	50	126.5
H54.5008.90.1	HSK-A50-8-90	50	0-8	36	90
H54.5013.121.1	HSK-A50-13-121	50	1-13	50	121
H54.5016.126.1	HSK-A50-16-126	50	2.5-16	50	126.5
H64.5008.85.1	HSK-A63-8-85	63	0-8	36	85
H64.5013.123.1	HSK-A63-13-123	63	1-13	50	123.5
H64.5013.160.1	HSK-A63-13-160	63	1-13	50	160
H64.5016.129.1	HSK-A63-16-129	63	2.5-16	50	129
H64.5016.165.1	HSK-A63-16-165	63	2.5-16	50	165.5
H84.5013.128.1	HSK-A80-13-128	80	1-13	50	128
H84.5016.133.1	HSK-A80-16-133	80	2.5-16	50	133.5
H104.5013.130.1	HSK-A100-13-130	100	1-13	50	130
H104.5013.160.1	HSK-A100-13-160	100	1-13	50	160
H104.5016.135.1	HSK-A100-16-135	100	2.5-16	50	135.5
H104.5016.165.1	HSK-A100-16-165	100	2.5-16	50	165.5

DIN 69893 (HSK)

应用：夹持带莫氏柄的刀具

技术结构：外锥到内锥跳动 ≥ 0.008mm

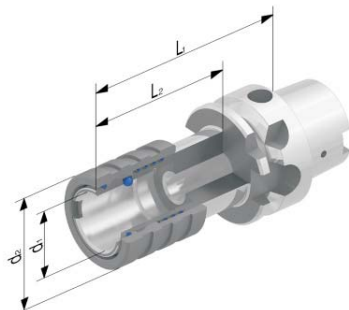
发货：带扳手

Application: For clamping tools with cylindrical shank. Also suitable for tools with internal coolant.

Technical Design:

Includes: Wrench

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



G6.3 12000min⁻¹

Order No. 货号	Size 规格	螺纹直径	规格	d1	d2	l1	l2
H44.6012.110	HSK-A40-M3-M12-110	M3-M12	1	19	36	110	90
H54.6012.110	HSK-A50-M3-M12-110	M3-M12	1	19	36	110	84
H54.6020.154	HSK-A50-M8-M20-154	M8-M20	2	31	53	154	128
H64.6012.110	HSK-A63-M3-M12-110	M3-M12	1	19	36	110	84
H64.6020.156	HSK-A63-M8-M20-156	M8-M20	2	31	53	156	130
H64.6033.228	HSK-A63-M14-M33-228	M14-M33	3	48	78	228.5	202
H64.6048.272	HSK-A63-M22-M48-272	M22-M48	4	60	96	272	246
H84.6012.110	HSK-A80-M3-M12-110	M3-M12	1	19	36	114	85
H84.6020.156	HSK-A80-M8-M20-156	M8-M20	2	31	53	161	131
H84.6033.243	HSK-A80-M14-M33-242	M14-M33	3	48	78	243	214
H104.6012.110	HSK-A100-M3-M12-100	M3-M12	1	19	36	110	91
H104.6020.163	HSK-A100-M8-M20-163	M8-M20	2	31	53	163	134
H104.6033.234	HSK-A100-M14-M33-234	M14-M33	3	48	78	234	205
H104.6048.272	HSK-A100-M22-M48-272	M22-M48	4	60	96	272	246

应用：用于螺纹攻丝, 轴向长度可调整(弹性攻丝)

技术结构：

发货：

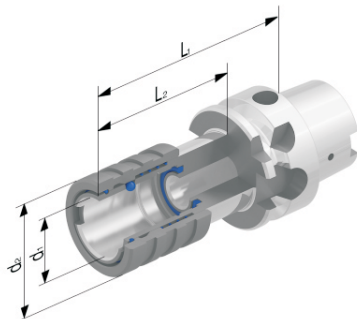
Application: For tapping preferably. Axial length compensation on tension and pressure.

Technical Design:

Includes:

TOOL HOLDER / 刀柄 DIN 69893(HSK)

Quick Change Tapping Chucks Synchro HSK-A 同步式快换攻丝刀柄



G6.3 12000min⁻¹

From AD

Order No. 货号	Size 规格	螺纹直径	规格	d1	d2	l1	l2
H34.6112.72.1	HSK-A32-M3-M12-72	M3-M12	1	19	36	72	52
H54.6112.72.1	HSK-A50-M3-M12-72	M3-M12	1	19	36	72	46
H54.6120.91.1	HSK-A50-M8-M20-91	M8-M20	2	31	53	91	64
H64.6112.72.1	HSK-A63-M3-M12-72	M3-M12	1	19	36	72	46
H64.6112.80.1	HSK-A63-M3-M12-80	M3-M12	1	19	36	80	54
H64.6112.120.1	HSK-A63-M3-M12-120	M3-M12	1	19	36	120	94
H64.6112.152.1	HSK-A63-M3-M12-152	M3-M12	1	19	36	152	126
H64.6112.180.1	HSK-A63-M3-M12-180	M3-M12	1	19	36	180	154
H64.6120.89.1	HSK-A63-M8-M20-89	M8-M20	2	31	53	89	63
H64.6120.138.1	HSK-A63-M8-M20-138	M8-M20	2	31	53	138	112
H64.6133.121.1	HSK-A63-M14-M33-121	M14-M33	3	48	78	121	95
H84.6112.70.1	HSK-A80-M3-M12-70	M3-M12	1	19	36	70	44
H84.6112.80.1	HSK-A80-M3-M12-80	M3-M12	1	19	36	80	54
H84.6120.92.1	HSK-A80-M8-M20-92	M8-M20	2	31	53	92	66
H84.6133.125.1	HSK-A80-M14-M33-125	M14-M33	3	48	78	125	99
H104.6112.75.1	HSK-A100-M3-M12-75	M3-M12	1	19	36	75	43
H104.6112.160.1	HSK-A100-M3-M12-160	M3-M12	1	19	36	160	131
H104.6112.250.1	HSK-A100-M3-M12-250	M3-M12	1	19	36	250	221
H104.6120.94.1	HSK-A100-M8-M20-94	M8-M20	2	31	53	94	65
H104.6120.160.1	HSK-A100-M8-M20-160	M8-M20	2	31	53	160	131
H104.6133.127.1	HSK-A100-M14-M33-127	M14-M33	3	48	78	127	98
H104.6133.160.1	HSK-A100-M14-M33-160	M14-M33	3	48	78	160	131
H104.6148.180.1	HSK-A100-M22-M48-180	M22-M48	4	60	96	180	130

应用：用于螺纹攻丝, 轴向长度不可调整(刚性攻丝)

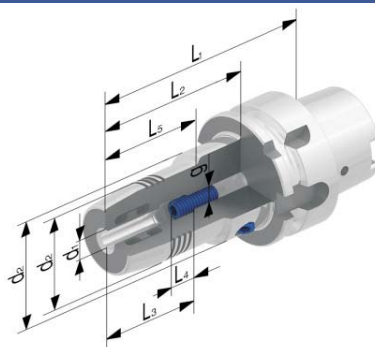
Application: For tapping preferably. Axial length compensation on tension and pressure.

技术结构：

Technical Design:

发货：

Includes:

HSK-A Hydraulic Chuck / HSK-A 液压刀柄

G6.3 12000min⁻¹
 ≤ 5μ

From AD

Order No. 货号	Size 规格	D1	D2	D3	L1	L2	L3	L4	L5	g
H64.7006.80.1	HSK-A63-6-80	6	26	50	80	54	37	10	33	M5
H64.7008.80.1	HSK-A63-8-80	8	28	50	80	54	37	10	33	M6
H64.7010.85.1	HSK-A63-10-85	10	30	50	85	59	42	10	39	M 8x1
H64.7012.90.1	HSK-A63-12-90	12	32	50	90	64	47	10	44	M10x1
H64.7014.90.1	HSK-A63-14-90	14	34	50	90	64	47	10	46	M10x1
H64.7016.95.1	HSK-A63-16-95	16	38	50	95	69	52	10	52	M12x1
H64.7018.95.1	HSK-A63-18-95	18	40	50	95	69	52	10	52	M12x1
H64.7020.100.1	HSK-A63-20-100	20	42	50	100	74	52	10	58	M16x1
H64.7025.120.1	HSK-A63-25-120	25	50	50	120	94	58	10	94	M16x1
H104.7006.85.1	HSK-A100-6-85	6	26	63	85	56	37	10	29	M5
H104.7008.85.1	HSK-A100-8-85	8	28	63	85	56	37	10	29	M6
H104.7010.90.1	HSK-A100-10-90	10	30	63	90	61	42	10	35	M 8x1
H104.7012.95.1	HSK-A100-12-95	12	32	63	95	66	47	10	40	M10x1
H104.7014.95.1	HSK-A100-14-95	14	34	63	95	66	47	10	42	M10x1
H104.7016.100.1	HSK-A100-16-100	16	38	63	100	71	52	10	47	M12x1
H104.7018.100.1	HSK-A100-18-100	18	40	63	100	71	52	10	48	M12x1
H104.7020.105.1	HSK-A100-20-105	20	42	63	105	76	52	10	54	M16x1
H104.7025.115.1	HSK-A100-25-115	25	50	63	115	86	58	10	51	M16x1
H104.7032.120.1	HSK-A100-32-120	32	60	63	120	91	62	10	59	M16x1

应用：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

技术结构：

发货：

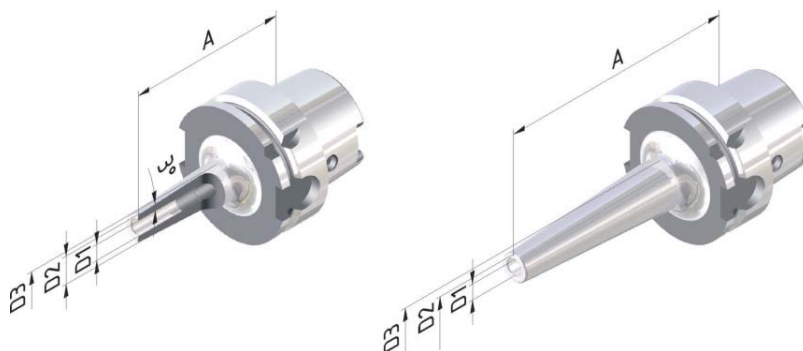
Application: For mounting straight-shank tools acc
DIN 1835 form A+B+E and DIN 6535 form
HA+HB+HE(larger than dia.12mm only
with reduction sleeve)The Tolerance a of
Tools Should be h6

Technical
Design:

Includes:

TOOL HOLDER / 刀柄 DIN 69893(HSK)

HSK-A/E 3° Shrink / HSK-A/E 3° 热缩刀柄

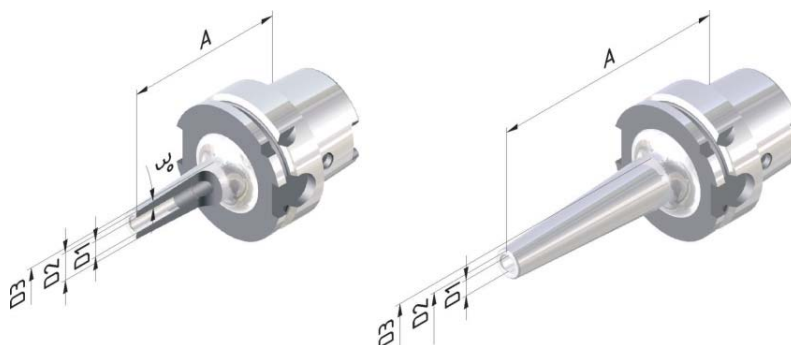


G2.5 25000min⁻¹

↗ ≤ 3μ

From AD

Order No. 货号	Size 规格	HSK	D1	D2	D3	A 有效长度
H64.8106.80.1	HSK-A63-6-80	63	6	12	18	80
H64.8108.80.1	HSK-A63-8-80	63	8	14	20	80
H64.8110.80.1	HSK-A63-10-80	63	10	16	22	80
H64.8112.80.1	HSK-A63-12-80	63	12	18	24	80
H64.8106.120.1	HSK-A63-6-120	63	6	12	22	120
H64.8108.120.1	HSK-A63-8-120	63	8	14	24	120
H64.8110.120.1	HSK-A63-10-120	63	10	16	26	120
H64.8112.120.1	HSK-A63-12-120	63	12	18	28	120
H45.8103.60.1	HSK-E40-3-60	40	3	9	14	60
H45.8103.70.1	HSK-E40-3-70	40	3	9	15	70
H45.8103.80.1	HSK-E40-3-80	40	3	9	16	80
H45.8104.60.1	HSK-E40-4-60	40	4	10	15	60
H45.8104.70.1	HSK-E40-4-70	40	4	10	16	70
H45.8104.80.1	HSK-E40-4-80	40	4	10	17	80
H45.8105.60.1	HSK-E40-5-60	40	5	11	16	60
H45.8105.70.1	HSK-E40-5-70	40	5	11	17	70
H45.8105.80.1	HSK-E40-5-80	40	5	11	18	80
H45.8106.60.1	HSK-E40-6-60	40	6	12	17	60
H45.8106.70.1	HSK-E40-6-70	40	6	12	18	70
H45.8106.80.1	HSK-E40-6-80	40	6	12	19	80
H45.8108.60.1	HSK-E40-8-60	40	8	14	19	60
H45.8108.70.1	HSK-E40-8-70	40	8	14	20	70
H45.8108.80.1	HSK-E40-8-80	40	8	14	21	80
H45.8110.60.1	HSK-E40-10-60	40	10	16	21	60
H45.8110.70.1	HSK-E40-10-70	40	10	16	22	70
H45.8110.80.1	HSK-E40-10-80	40	10	16	23	80
H45.8112.60.1	HSK-E40-12-60	40	12	18	23	60

HSK-A/E 3° Shrink / HSK-A/E 3° 热缩刀柄

G2.5 25000min⁻¹
 ≤ 3μ

From AD

Order No. 货号	Size 规格	HSK	D1	D2	D3	A 有效长度
H45.8112.70.1	HSK-E40-12-70	40	12	18	24	70
H45.8112.80.1	HSK-E40-12-80	40	12	18	25	80
H55.8103.70.1	HSK-E50-3-70	50	3	9	14	70
H55.8103.80.1	HSK-E50-3-80	50	3	9	15	80
H55.8103.100.1	HSK-E50-3-100	50	3	9	17	100
H55.8104.70.1	HSK-E50-4-70	50	4	10	15	70
H55.8104.80.1	HSK-E50-4-80	50	4	10	16	80
H55.8104.100.1	HSK-E50-4-100	50	4	10	18	100
H55.8105.70.1	HSK-E50-5-70	50	5	11	16	70
H55.8105.80.1	HSK-E50-5-80	50	5	11	17	80
H55.8105.100.1	HSK-E50-5-100	50	5	11	19	100
H55.8106.70.1	HSK-E50-6-70	50	6	12	17	70
H55.8106.80.1	HSK-E50-6-80	50	6	12	18	80
H55.8106.100.1	HSK-E50-6-100	50	6	12	20	100
H55.8108.70.1	HSK-E50-8-70	50	8	14	19	70
H55.8108.80.1	HSK-E50-8-80	50	8	14	20	80
H55.8108.100.1	HSK-E50-8-100	50	8	14	22	100
H55.8110.70.1	HSK-E50-10-70	50	10	16	21	70
H55.8110.100.1	HSK-E50-10-80	50	10	16	22	80
H55.8110.80.1	HSK-E50-10-100	50	10	16	24	100
H55.8112.70.1	HSK-E50-12-70	50	12	18	23	70
H55.8112.80.1	HSK-E50-12-80	50	12	18	24	80
H55.8112.100.1	HSK-E50-12-100	50	12	18	26	100

应用：夹持硬质合金或高速钢圆柱柄刀具, 柄公差H6

技术结构：特殊耐热钢制作，适用于热缩装置外锥
相对D1的跳动 ≤ 0,003mm, 孔公差级别H4
(比DIN更精确)

发货：

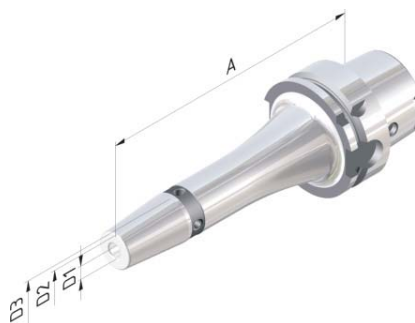
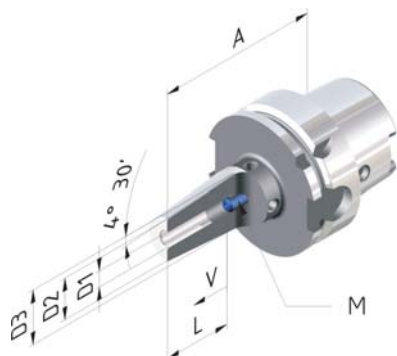
Application: For clamping tools with cylindrical shank

Technical Design: Made of special heat resistant steel. Suitable for inductive shrinking unit.
Runout of outer taper to D1 ≤ 0,003 mm
Tolerance of bore H4 (more accurate as DIN)

Includes:

TOOL HOLDER / 刀柄 DIN 69893(HSK)

HSK-A 4.5° Shrink / HSK-A 4.5° 热缩刀柄



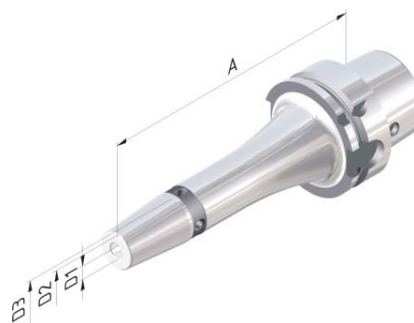
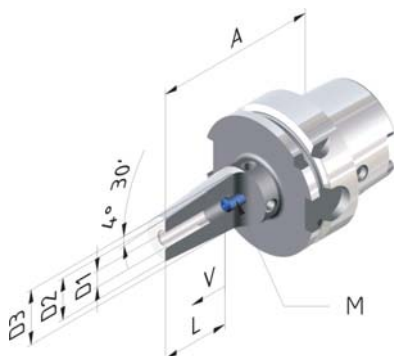
G2.5 25000min⁻¹

≤ 3μ

From AD

Order No. 货号	Size 规格	HSK	D1	D2	D3	V	L	M	A 有效长度
H44.8003.60.1	HSK-A40-3-60	40	3	12	17	-	-	-	60
H44.8004.60.1	HSK-A40-4-60	40	4	12	17	-	-	-	60
H44.8005.60.1	HSK-A40-5-60	40	5	12	17	-	-	-	60
H44.8006.80.1	HSK-A40-6-80	40	6	21	27	10	37	M5	80
H44.8008.80.1	HSK-A40-8-80	40	8	21	27	10	37	M6	80
H44.8010.80.1	HSK-A40-10-80	40	10	24	32	10	42	M8x1	80
H44.8012.90.1	HSK-A40-12-90	40	12	24	32	10	48	M10x1	90
H44.8014.90.1	HSK-A40-14-90	40	14	27	34	10	48	M10x1	90
H44.8016.90.1	HSK-A40-16-90	40	16	27	34	10	51	M12x1	90
H54.8003.60.1	HSK-A50-3-60	50	3	12	17	-	-	-	60
H54.8004.60.1	HSK-A50-4-60	50	4	12	17	-	-	-	60
H54.8005.60.1	HSK-A50-5-60	50	5	12	17	-	-	-	60
H54.8006.80.1	HSK-A50-6-80	50	6	21	27	10	37	M5	80
H54.8008.80.1	HSK-A50-8-80	50	8	21	27	10	37	M6	80
H54.8010.85.1	HSK-A50-10-85	50	10	24	32	10	42	M8x1	85
H54.8012.90.1	HSK-A50-12-90	50	12	24	32	10	48	M10x1	90
H54.8014.90.1	HSK-A50-14-90	50	14	27	34	10	48	M10x1	90
H54.8016.95.1	HSK-A50-16-95	50	16	27	34	10	51	M12x1	95
H54.8018.95.1	HSK-A50-18-95	50	18	33	42	10	51	M12x1	95
H54.8020.100.1	HSK-A50-20-100	50	20	33	42	10	53	M16x1	100
H64.8003.80.1	HSK-A63-3-80	63	3	12	17	-	-	-	80
H64.8003.120.1	HSK-A63-3-120	63	3	12	17	-	-	-	120
H64.8003.160.1	HSK-A63-3-160	63	3	12	17	-	-	-	160
H64.8004.80.1	HSK-A63-4-80	63	4	12	17	-	-	-	80
H64.8004.120.1	HSK-A63-4-120	63	4	12	17	-	-	-	120
H64.8004.160.1	HSK-A63-4-160	63	4	12	17	-	-	-	160

DIN 69893 (HSK)

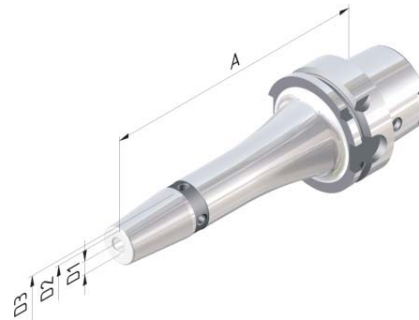
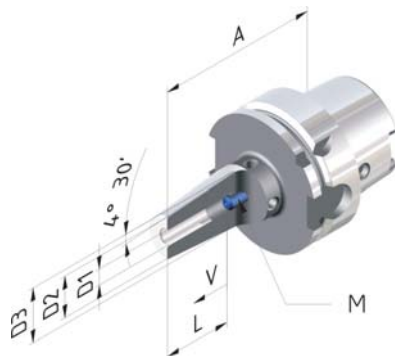
HSK-A 4.5° Shrink / HSK-A 4.5° 热缩刀柄

G2.5 25000min⁻¹
 ≤ 3μ

From AD

Order No. 货号	Size 规格	HSK	D1	D2	D3	V	L	M	A 有效长度
H64.8005.80.1	HSK-A63-5-80	63	5	12	17	-	-	-	80
H64.8005.120.1	HSK-A63-5-120	63	5	12	17	-	-	-	120
H64.8005.160.1	HSK-A63-5-160	63	5	12	17	-	-	-	160
H64.8006.80.1	HSK-A63-6-80	63	6	21	27	10	37	M5	80
H64.8006.120.1	HSK-A63-6-120	63	6	15	30	10	37	M5	120
H64.8006.120.2	HSK-A63-6-120	63	6	21	27	10	37	M5	120
H64.8006.130.1	HSK-A63-6-130	63	6	21	27	10	37	M5	130
H64.8006.160.1	HSK-A63-6-160	63	6	21	27	10	37	M5	160
H64.8006.200.1	HSK-A63-6-200	63	6	21	27	10	37	M5	200
H64.8008.80.1	HSK-A63-8-80	63	8	21	27	10	37	M6	80
H64.8008.120.1	HSK-A63-8-120	63	8	15	30	10	37	M6	120
H64.8008.120.2	HSK-A63-8-120	63	8	21	27	10	37	M6	120
H64.8008.130.1	HSK-A63-8-130	63	8	21	27	10	37	M6	130
H64.8008.160.1	HSK-A63-8-160	63	8	21	27	10	37	M6	160
H64.8008.200.1	HSK-A63-8-200	63	8	21	27	10	37	M6	200
H64.8010.85.1	HSK-A63-10-85	63	10	24	32	10	42	M8x1	85
H64.8010.120.1	HSK-A63-10-120	63	10	18	33	10	42	M8x1	120
H64.8010.120.2	HSK-A63-10-120	63	10	24	32	10	42	M8x1	120
H64.8010.130.1	HSK-A63-10-130	63	10	24	32	10	42	M8x1	130
H64.8010.160.1	HSK-A63-10-160	63	10	24	32	10	42	M8x1	160
H64.8010.200.1	HSK-A63-10-200	63	10	24	32	10	42	M8x1	200
H64.8012.90.1	HSK-A63-12-90	63	12	24	32	10	48	M10x1	90
H64.8012.120.1	HSK-A63-12-120	63	12	18	33	10	48	M10x1	120
H64.8012.120.2	HSK-A63-12-120	63	12	24	32	10	48	M10x1	120
H64.8012.130.1	HSK-A63-12-130	63	12	24	32	10	48	M10x1	130
H64.8012.160.1	HSK-A63-12-160	63	12	24	32	10	48	M10x1	160
H64.8012.200.1	HSK-A63-12-200	63	12	24	32	10	48	M10x1	200
H64.8014.90.1	HSK-A63-14-90	63	14	27	34	10	48	M10x1	90

TOOL HOLDER / 刀柄 DIN 69893(HSK)

HSK-A 4.5° Shrink / HSK-A 4.5° 热缩刀柄



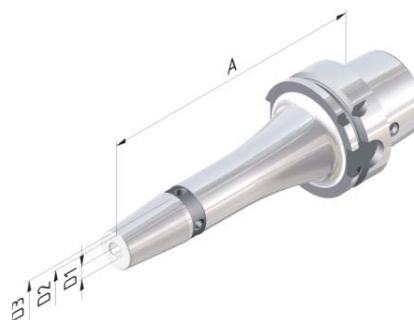
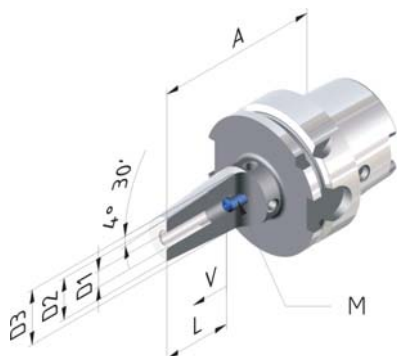
G2.5 25000min⁻¹

≤ 3μ

From AD

Order No. 货号	Size 规格	HSK	D1	D2	D3	V	L	M	A 有效长度
H64.8014.120.1	HSK-A63-14-120	63	14	27	34	10	48	M10x1	120
H64.8014.130.1	HSK-A63-14-130	63	14	27	34	10	48	M10x1	130
H64.8014.160.1	HSK-A63-14-160	63	14	27	34	10	48	M10x1	160
H64.8014.200.1	HSK-A63-14-200	63	14	27	34	10	48	M10x1	200
H64.8016.95.1	HSK-A63-16-95	63	16	27	34	10	51	M12x1	95
H64.8016.120.1	HSK-A63-16-120	63	16	27	34	10	51	M12x1	120
H64.8016.130.1	HSK-A63-16-130	63	16	27	34	10	51	M12x1	130
H64.8016.160.1	HSK-A63-16-160	63	16	27	34	10	51	M12x1	160
H64.8016.200.1	HSK-A63-16-200	63	16	27	34	10	51	M12x1	200
H64.8018.95.1	HSK-A63-18-95	63	18	33	42	10	51	M12x1	95
H64.8018.120.1	HSK-A63-18-120	63	18	33	42	10	51	M12x1	120
H64.8018.130.1	HSK-A63-18-130	63	18	33	42	10	51	M12x1	130
H64.8018.160.1	HSK-A63-18-160	63	18	33	42	10	51	M12x1	160
H64.8018.200.1	HSK-A63-18-200	63	18	33	42	10	51	M12x1	200
H64.8020.100.1	HSK-A63-20-100	63	20	33	42	10	53	M16x1	100
H61.8020.120.1	HSK-A63-20-120	63	20	33	42	10	53	M16x1	120
H64.8020.130.1	HSK-A63-20-130	63	20	33	42	10	53	M16x1	130
H64.8020.160.1	HSK-A63-20-160	63	20	33	42	10	53	M16x1	160
H64.8020.200.1	HSK-A63-20-200	63	20	33	42	10	53	M16x1	200
H64.8025.115.1	HSK-A63-25-115	63	25	44	53	10	59	M16x1	115
H64.8025.160.1	HSK-A63-25-160	63	25	44	53	10	59	M16x1	160
H64.8025.200.1	HSK-A63-25-200	63	25	44	53	10	59	M16x1	200
H64.8032.120.1	HSK-A63-32-120	63	32	44	53	10	63	M16x1	120
H104.8006.85.1	HSK-A100-6-85	100	6	21	27	10	37	M5	85
H104.8006.120.1	HSK-A100-6-120	100	6	21	27	10	37	M5	120
H104.8006.130.1	HSK-A100-6-130	100	6	21	27	10	37	M5	130
H104.8006.160.1	HSK-A100-6-160	100	6	21	27	10	37	M5	160

DIN 69893 (HSK)

HSK-A 4.5° Shrink / HSK-A 4.5° 热缩刀柄


G2.5 25000min⁻¹

↗ ≤ 3μ

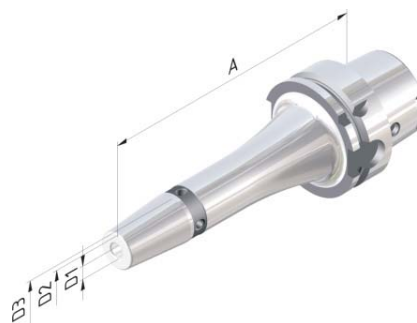
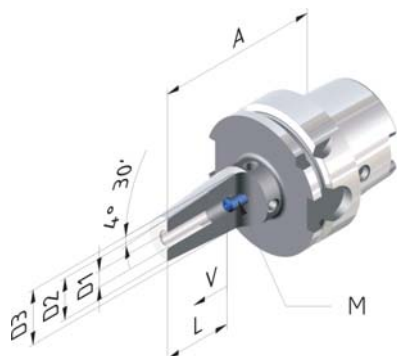
From AD

Order No. 货号	Size 规格	HSK	D1	D2	D3	V	L	M	A 有效长度
H104.8006.200.1	HSK-A100-6-200	100	6	21	27	10	37	M5	200
H104.8008.85.1	HSK-A100-8-85	100	8	21	27	10	37	M6	85
H104.8008.120.1	HSK-A100-8-120	100	8	21	27	10	37	M6	120
H104.8008.130.1	HSK-A100-8-130	100	8	21	27	10	37	M6	130
H104.8008.160.1	HSK-A100-8-160	100	8	21	27	10	37	M6	160
H104.8008.200.1	HSK-A100-8-200	100	8	21	27	10	37	M6	200
H104.8010.90.1	HSK-A100-10-90	100	10	24	32	10	42	M8x1	90
H104.8010.120.1	HSK-A100-10-120	100	10	24	32	10	42	M8x1	120
H104.8010.130.1	HSK-A100-10-130	100	10	24	32	10	42	M8x1	130
H104.8010.160.1	HSK-A100-10-160	100	10	24	32	10	42	M8x1	160
H104.8010.200.1	HSK-A100-10-200	100	10	24	32	10	42	M8x1	200
H104.8012.95.1	HSK-A100-12-95	100	12	24	32	10	48	M10x1	95
H104.8012.120.1	HSK-A100-12-120	100	12	24	32	10	48	M10x1	120
H104.8012.130.1	HSK-A100-12-130	100	12	24	32	10	48	M10x1	130
H104.8012.160.1	HSK-A100-12-160	100	12	24	32	10	48	M10x1	160
H104.8012.200.1	HSK-A100-12-200	100	12	24	32	10	48	M10x1	200
H104.8014.95.1	HSK-A100-14-95	100	14	27	34	10	48	M10x1	95
H104.8014.120.1	HSK-A100-14-120	100	14	27	34	10	48	M10x1	120
H104.8014.130.1	HSK-A100-14-130	100	14	27	34	10	48	M10x1	130
H104.8014.160.1	HSK-A100-14-160	100	14	27	34	10	48	M10x1	160
H104.8014.200.1	HSK-A100-14-200	100	14	27	34	10	48	M10x1	200
H104.8016.100.1	HSK-A100-16-100	100	16	27	34	10	51	M12x1	100
H104.8016.120.1	HSK-A100-16-120	100	16	27	34	10	51	M12x1	120
H104.8016.130.1	HSK-A100-16-130	100	16	27	34	10	51	M12x1	130
H104.8016.160.1	HSK-A100-16-160	100	16	27	34	10	51	M12x1	160
H104.8016.200.1	HSK-A100-16-200	100	16	27	34	10	51	M12x1	200
H104.8018.100.1	HSK-A100-18-100	100	18	33	42	10	51	M12x1	100
H104.8018.120.1	HSK-A100-18-120	100	18	33	42	10	51	M12x1	120



TOOL HOLDER / 刀柄 DIN 69893(HSK)

HSK-A 4.5° Shrink / HSK-A 4.5° 热缩刀柄



G2.5 25000min⁻¹

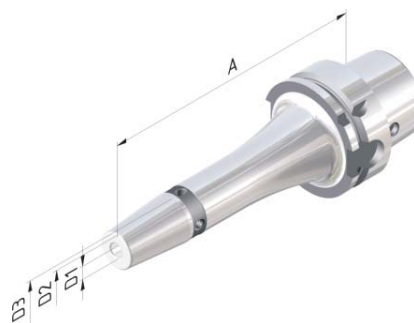
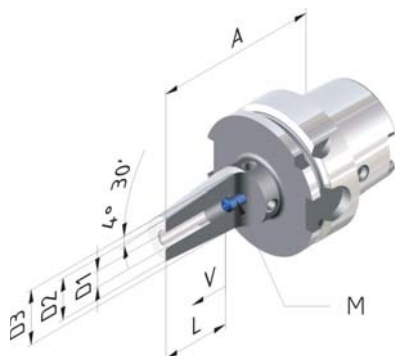
≤ 3μ

From AD

Order No. 货号	Size 规格	HSK	D1	D2	D3	V	L	M	A 有效长度
H104.8018.130.1	HSK-A100-18-130	100	18	33	42	10	51	M12x1	130
H104.8018.160.1	HSK-A100-18-160	100	18	33	42	10	51	M12x1	160
H104.8018.200.1	HSK-A100-18-200	100	18	33	42	10	51	M12x1	200
H104.8020.105.1	HSK-A100-20-105	100	20	33	42	10	53	M16x1	105
H104.8020.120.1	HSK-A100-20-120	100	20	33	42	10	53	M16x1	120
H104.8020.130.1	HSK-A100-20-130	100	20	33	42	10	53	M16x1	130
H104.8020.160.1	HSK-A100-20-160	100	20	33	42	10	53	M16x1	160
H104.8020.200.1	HSK-A100-20-200	100	20	33	42	10	53	M16x1	200
H104.8025.115.1	HSK-A100-25-115	100	25	44	53	10	59	M16x1	115
H104.8025.130.1	HSK-A100-25-130	100	25	44	53	10	59	M16x1	130
H104.8025.160.1	HSK-A100-25-160	100	25	44	53	10	59	M16x1	160
H104.8025.200.1	HSK-A100-25-200	100	25	44	53	10	59	M16x1	200
H104.8032.120.1	HSK-A100-32-120	100	32	44	53	10	63	M16x1	120
H104.8032.160.1	HSK-A100-32-160	100	32	44	53	10	63	M16x1	160
H104.8032.200.1	HSK-A100-32-200	100	32	44	53	10	63	M16x1	200

DIN 69893 (HSK)

HSK-E 4.5° Shrink / HSK-E 4.5° 热缩刀柄



G2.5 25000min⁻¹

≤ 3μ

From AD

Order No. 货号	Size 规格	HSK	D1	D2	D3	V	L	M	A 有效长度
H54.8003.60.1	HSK-E40-3-60	40	3	12	17	-	-	-	60
H54.8004.60.1	HSK-E40-4-60	40	4	12	17	-	-	-	60
H54.8005.65.1	HSK-E40-5-65	40	5	12	17	-	-	-	60
H54.8006.80.1	HSK-E40-6-80	40	6	21	27	10	37	M5	80
H54.8008.80.1	HSK-E40-8-80	40	8	21	27	10	37	M6	80
H54.8010.80.1	HSK-E40-10-80	40	10	24	32	10	42	M8x1	80
H54.8012.90.1	HSK-E40-12-90	40	12	24	32	10	48	M10x1	90
H54.8014.90.1	HSK-E40-14-90	40	14	27	34	10	48	M10x1	90
H54.8016.90.1	HSK-E40-16-90	40	16	27	34	10	51	M12x1	90
H55.8003.60.1	HSK-E50-3-60	50	3	12	17	-	-	-	60
H55.8004.60.1	HSK-E50-4-60	50	4	12	17	-	-	-	60
H55.8005.60.1	HSK-E50-5-60	50	5	12	17	-	-	-	60
H55.8006.80.1	HSK-E50-6-80	50	6	21	27	10	37	M5	80
H55.8008.80.1	HSK-E50-8-80	50	8	21	27	10	37	M6	80
H55.8010.85.1	HSK-E50-10-85	50	10	24	32	10	42	M8x1	85
H55.8012.90.1	HSK-E50-12-90	50	12	24	32	10	48	M10x1	90
H55.8014.90.1	HSK-E50-14-90	50	14	27	34	10	48	M10x1	90
H55.8016.95.1	HSK-E50-16-95	50	16	27	34	10	51	M12x1	95

应用：夹持硬质合金或高速钢圆柱柄刀具, 柄公差H6

Application: For clamping tools with cylindrical shank.

技术结构：特殊耐热钢制作，适用于热缩装置带四个额外螺纹辅助精调平衡, 外锥相对D1的跳动 ≤ 0,003mm, 孔公差级别H4 (比DIN更精确)

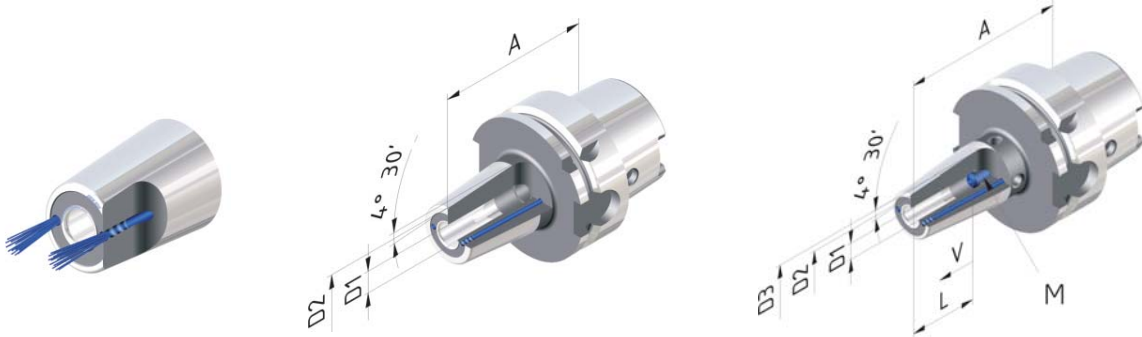
Technical Design: Made of special heat resistant steel. Suitable for inductive shrinking unit. With four additional threads for supplementary fine balancing. Runout of outer taper to D1 ≤ 0,003 mm Tolerance of bore H4 (more accurate as DIN).

发货：带调节螺钉

Includes: Set screw.

TOOL HOLDER / 刀柄 DIN 69893(HSK)

HSK-A 4.5° Shrink / HSK-A 4.5° 端面通水热缩刀柄



G2.5 25000min⁻¹

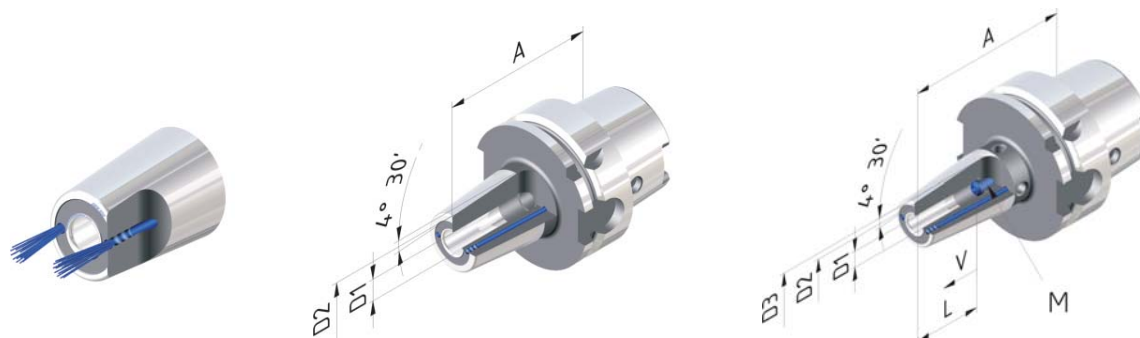
≤ 3μ

From 端面通水

Order No. 货号	Size 规格	HSK	D1	D2	D3	V	L	M	A 有效长度
H64.8006.80.3	HSK-A63-6-80	60	6	21	27	10	37	M5	80
H64.8006.120.3	HSK-A63-6-120	60	6	21	27	10	37	M5	120
H64.8008.80.3	HSK-A63-8-80	60	8	21	27	10	37	M6	80
H64.8008.120.3	HSK-A63-8-120	60	8	21	27	10	37	M6	120
H64.8010.70.3	HSK-A63-10-70	60	10	26	33	-	42	-	70
H64.8010.85.3	HSK-A63-10-85	60	10	26	33	10	42	M8x1	85
H64.8010.120.3	HSK-A63-10-120	60	10	26	33	10	42	M8x1	120
H64.8012.70.3	HSK-A63-12-70	60	12	26	33	-	48	-	70
H64.8012.90.3	HSK-A63-12-90	60	12	24	32	10	48	M10x1	90
H64.8012.120.3	HSK-A63-12-120	60	12	24	32	10	48	M10x1	120
H64.8014.90.3	HSK-A63-14-90	60	14	27	34	10	48	M10x1	90
H64.8014.120.3	HSK-A63-14-120	60	14	27	34	10	48	M10x1	120
H64.8016.75.3	HSK-A63-16-75	60	16	29	37	-	51	-	75
H64.8016.95.3	HSK-A63-16-95	60	16	27	34	10	48	M12x1	95
H64.8016.120.3	HSK-A63-16-120	60	16	27	34	10	48	M12x1	120
H64.8018.95.3	HSK-A63-18-95	60	18	33	42	10	51	M12x1	95
H64.8018.120.3	HSK-A63-18-120	60	18	33	42	10	51	M12x1	120
H64.8020.75.3	HSK-A63-20-75	60	20	35	43	-	53	-	75
H64.8020.100.3	HSK-A63-20-100	60	20	33	42	10	53	M16x1	100
H64.8020.120.3	HSK-A63-20-120	60	20	33	42	10	53	M16x1	120
H64.8025.85.3	HSK-A63-25-85	60	25	45	50	-	59	-	85
H64.8025.115.3	HSK-A63-25-115	60	25	44	53	10	59	M16x1	115

DIN 69893 (HSK)

HSK-A 4.5° Shrink / HSK-A 4.5° 端面通水热缩刀柄



G2.5 25000min⁻¹

≤ 3μ

From 端面通水

Order No. 货号	Size 规格	HSK	D1	D2	D3	V	L	M	A 有效长度
H104.8006.85.3	HSK-A100-6-85	100	6	21	27	10	37	M5	85
H104.8008.85.3	HSK-A100-8-85	100	8	21	27	10	37	M6	85
H104.8010.90.3	HSK-A100-10-90	100	10	24	32	10	42	M8x1	90
H104.8012.95.3	HSK-A100-12-95	100	12	24	32	10	48	M10x1	95
H104.8014.95.3	HSK-A100-14-95	100	14	27	34	10	48	M10x1	95
H104.8016.100.3	HSK-A100-16-100	100	16	27	34	10	51	M12x1	100
H104.8018.100.3	HSK-A100-18-100	100	18	33	42	10	51	M12x1	100
H104.8020.105.3	HSK-A100-20-105	100	20	33	42	10	53	M16x1	105
H104.8025.115.3	HSK-A100-25-115	100	25	44	53	10	59	M16x1	115

应用：专门用于无内冷刀具，用在难排屑位置上加工

技术结构：刀杆内两个孔将冷却剂直接能到切削刃，使用内冷刀具的话，可以用螺钉密封冷却孔

发货：调节螺钉，2个M3密封螺钉

Application:

Technical Design:

Includes:

Particularly suitable for tools without internal coolant, and for machining at difficult positions with bad chip removal.

Two holes in the toolholder lead the coolant directly to the cutting edge. Coolant holes can be re-sealed with screws for the use of tools with internal coolant holes.

Set screw and 2 x M3 screws to plug the coolant holes if needed.