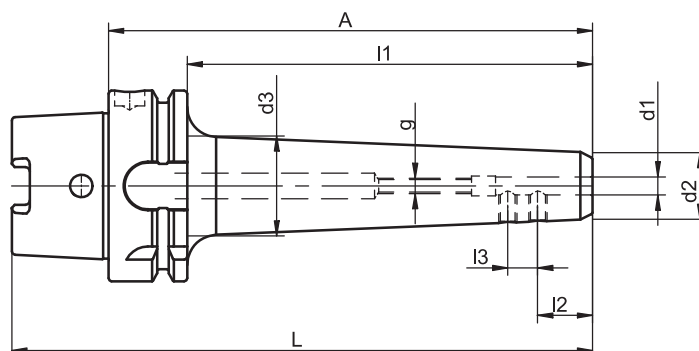


Reduction Sleeves for Straight Shanks Slim Version



HSK-A	d1	A	Ref.no.	d2	d3	l1	l2	l3	g	L	d1 tolerance	kg
63	6	160	420.0702.322	22	32	134	18	10	M 5	192	+ 0.005	1.13
63	8	160	420.0704.322	24	34	134	18	10	M 6	192	+ 0.005	1.24
63	10	160	420.0706.322	25	38	134	20	10	M 8	192	+ 0.005	1.38
63	12	160	420.0708.322	26	42	134	22.5	10	M10	192	+ 0.005	1.53
63	14	160	420.0710.322	28	46	134	22.5	12	M10	192	+ 0.005	1.62
63	16	160	420.0712.322	30	44	134	24	12	M12	192	+ 0.005	1.73
63	18	160	420.0714.322	32	46	134	24	12	M12	192	+ 0.005	1.82
63	20	160	420.0716.322	34	50	134	25	12	M16	192	+ 0.005	1.90

For coolant tubes see accessories page 4.8

For clamping screws see accessories page 4.12

For adjusting screws see accessories page 4.9

Use

For holding shank tools with lateral driving surface, DIN 1835-1 type B and inclined clamping surface (2°), DIN 1835-1 type E or DIN 6535 type HB and HE.

Design

Permissible concentricity deviation of hollow

taper shank to location hole $d_1 = 0.003$ mm (measured at $3 \times D$ cantilever length). Chucks are fine balanced according to ISO 1940-1 G 6.3 at $12,000 \text{ min}^{-1}$.

Standard Specification

Clamping screw and adjusting screw included.

Note

For an increased machining accuracy the bore tolerance is much reduced compared to DIN 1835.

Bored through adjusting screw for coolant. Other designs and sizes are available on request.

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