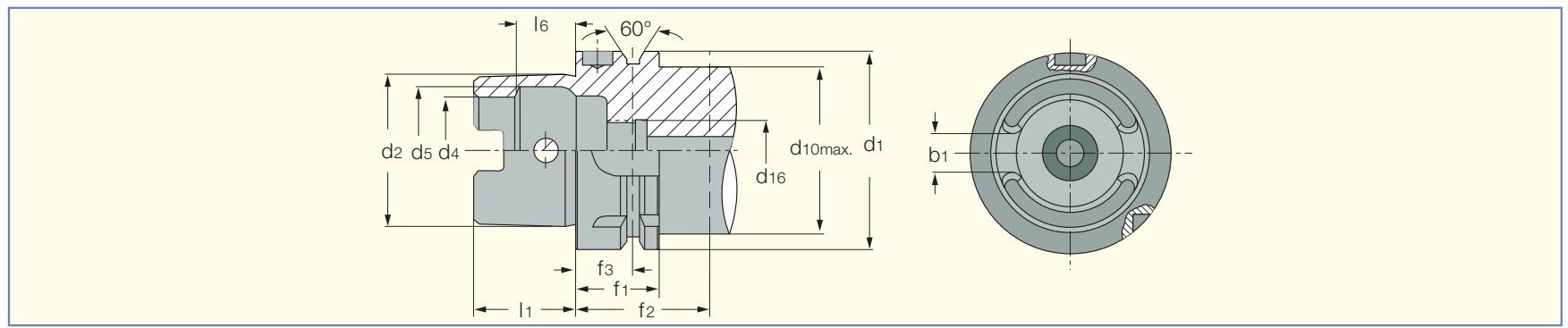


## HSK DIN 69893 (ISO 12164-1 Standard)

DIN 69893 Form A



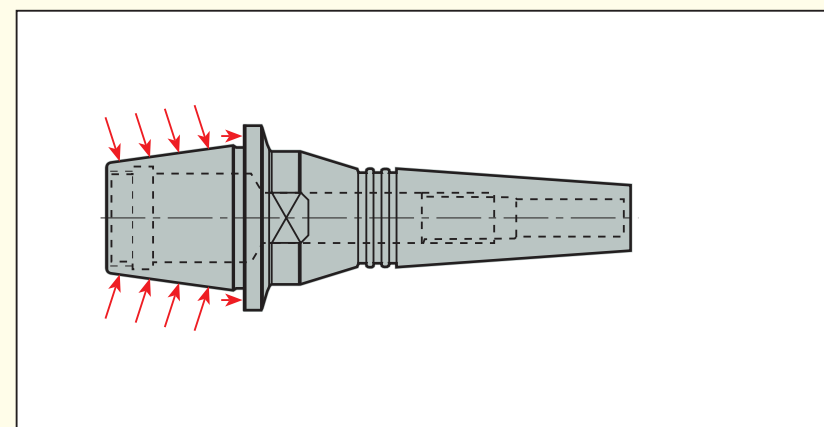
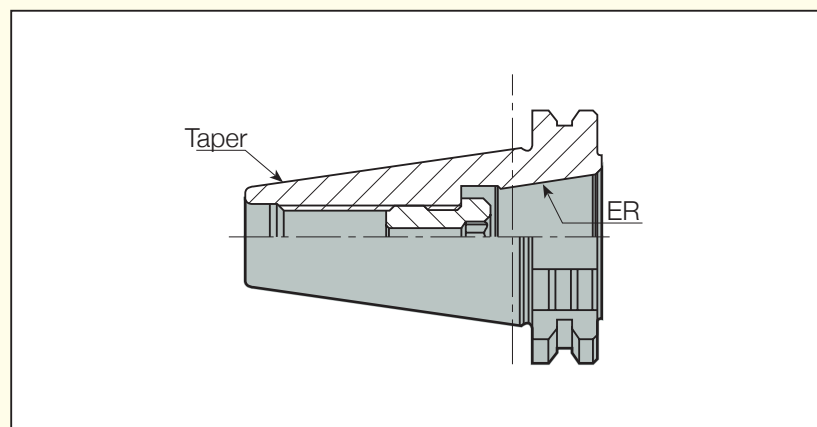
HSK-A	$d_1$ $h_{10}$	$d_2$	$d_4$ $H_{10}$	$d_5$ $H_{11}$	$d_{10max}$	$d_{16}$	$l_1$ -0.2	$l_6$ $J_s_{10}$	$b_1$ $\pm 0.04(1)$	$f_1$ -0.1	$f_2$ min	$f_3$ $\pm 0.1$
40	40	30	21	25.5	34	M12x1	20	11.42	8.05	20	35	16
50	50	38	26	32.0	42	M16x1	25	14.13	10.54	26	42	18
63	63	48	34	40.0	53	M18x1	32	18.13	12.54 (12.42)	26	42	18
80	80	60	42	50.0	67	M20x1.5	40	22.85	16.04	26	42	18
100	100	75	53	63.0	85	M24x1.5	50	28.56	20.02 (19.9)	29	45	20

### Quick-Change System

The concept utilizes contacts on both the taper and the tool face for maximum rigidity. This system may be used to connect a SHRINKIN toolholder with a mounted tool to a large taper shank holder for mounting in the machine.

#### Face Contact Advantages

- 1 Taper and face contact
- 2 Ideal for high speed machining
- 3 High precision runout
- 4 High rigidity
- 5 Quick and easy clamping



#### Quick-Change Advantages

- 1 Quick cutting tool change. The taper shank and holder connect in a quick half turn
- 2 No thermal shock on holder taper
- 3 Flexibility in diameter and length
- 4 Eliminates the use of extension chuck
- 5 No spare parts needed
- 6 **CLICKIN** blanks for custom made tools and collets
- 7 Shrink clamping for solid carbide tools

Tightening torque: 235 N.m