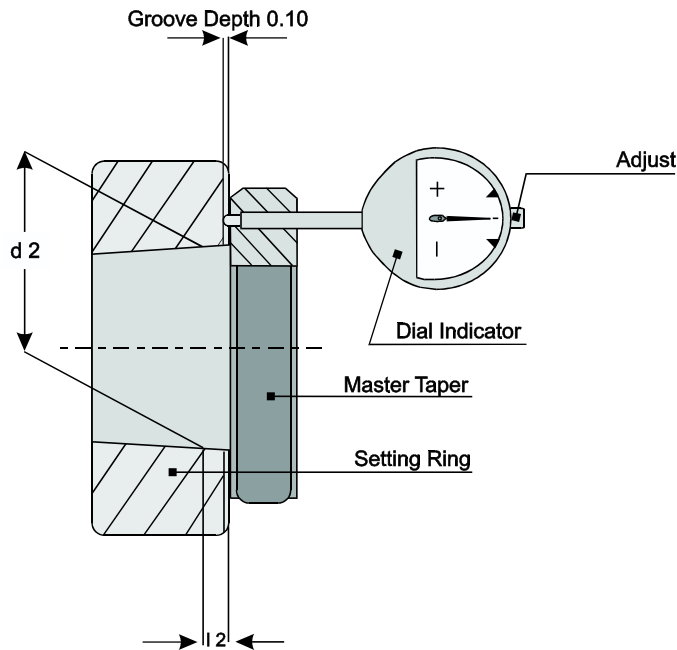


Use

For the periodic verification of the taper of HSK spindles per DIN 69063.



Spindle taper per DIN 69 063 type A and C	Spindle taper per DIN 69 063 type B und D	Complete set in wooden box: taper plug gage, setting ring and dial indicator Ref.no.	d 2		l 2	Distance tolerance of dial indicator when using the gage
HSK 32	HSK 40	280.030	24	+ 0.003	3.2	- 0.03
HSK 40	HSK 50	280.031	30	+ 0.003	4	- 0.03
HSK 50	HSK 63	280.032	38	+ 0.003 - 0.001	5	+ 0.01 - 0.03
HSK 63	HSK 80	280.033	48	+ 0.003 - 0.001	6.3	+ 0.01 - 0.03
HSK 80	HSK 100	280.034	60	+ 0.003 - 0.002	8	+ 0.02 - 0.03
HSK 100	HSK 125	280.035	75	+ 0.003 - 0.002	10	+ 0.02 - 0.03
HSK 125	HSK 160	280.036	95	+ 0.004 - 0.002	12.5	+ 0.04 - 0.02
HSK 160	-	280.037	120	+ 0.004 - 0.003	16	+ 0.04 - 0.03

Description

Complete set in wooden case, including taper plug gage, setting ring, dial indicator (scale 0.001 mm), and certificate.

Note

The groove on the flat contact surface of the setting ring (0.10 mm depth) is necessary for checking plus deviation of the HSK spindle taper.

Function

The dimension l 2 (per DIN 69 063) in connection with the taper diameter d2 is set to 0 with the setting ring. The HSK spindle to be measured can be compared with the data from the plug gage and dial indicator.