

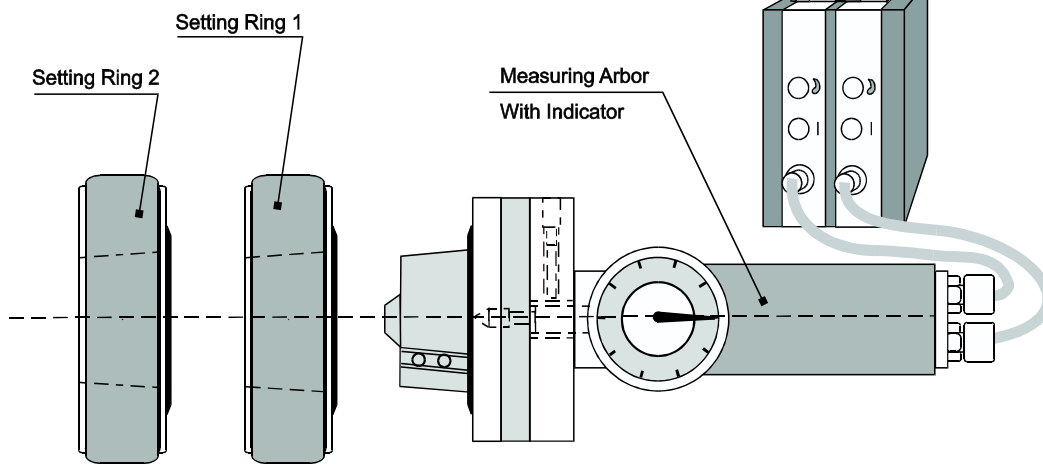
Gage to measure the inside taper tolerances of machine spindles, especially for the production of HSK inside tapers.

### Description

Measuring set with case includes nozzle plug gage with dial indicator and 2 setting rings. Coiled hose is available separately.

### Function

Non-contact measuring with nozzles results in high accuracy and consistency of measuring results. The measuring range can be increased with the built-in dial indicator. This enables the gage to be used during pre-machining of the taper.

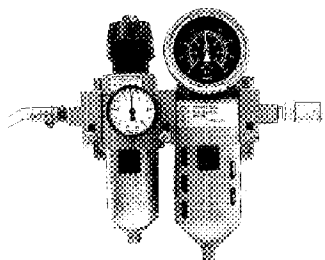


Spindle taper per DIN 69 063 type A, C and E	Spindle taper per DIN 69 063 type B, D and F	Complete set with case: nozzle plug gage with dial indicator and 2 setting rings. Ref.no.	Pneumatic measuring unit Ref.no.
HSK 25	HSK 32	282.007	280.002
HSK 32	HSK 40	282.001	
HSK 40	HSK 50	282.002	
HSK 50	HSK 63	282.003	
HSK 63	HSK 80	282.004	
HSK 80	HSK 100	282.005	
HSK 100	HSK 125	282.006	

### Technical data for the pneumatic measuring unit

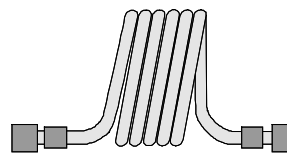
measuring range 30 µm  
scale value 1 µm  
amplification 5000 : 1  
scale length 200 µm  
operating pressure 3.5 - 10 bar

### Accessories



#### Air regulator / filter

Recommended for trouble-free operation. Includes micron filter with pressure differential gage.  
Ref.no. 282.011



#### Coiled hose (1 set = 2 pieces)

For connection between the nozzle plug gage and pneumatic indicator. Swivel nuts at the ends have a M10 x 0.75 thread.  
1 m length Ref.no. 282.013  
2 m length Ref.no. 282.012