

Measuring set with case includes nozzle plug gauge 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 gauge to be used during pre-machining of the taper.

Accessories

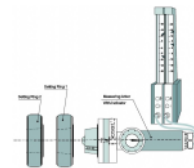
- Air regulator / filter: Recommended for trouble-free operation. Includes micron filter with pressure differential gauge. Ref.no. 282.011
- Coiled hose (1 set = 2 pieces): For connection between the nozzle plug gauge and pneumatic indicator. Swivel nuts at the ends have a M10 x 0.75 thread.
1 m length Ref.no. 282.013
2 m length Ref.no. 282.012

Item / Taper

Order Number

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

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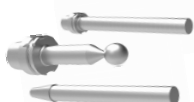


Item / Taper		Order Number
HSK-A 25		410.320.125.000
HSK-A 32		410.320.132.000
HSK-A 40		410.320.140.000
HSK-A 50		410.320.150.000
HSK-A 63		410.320.163.000
HSK-A 80		410.320.180.000
HSK-A 100		410.320.190.000
Pneumatic Measuring Unit		410.320.280.002
Air regulator / filter		410.320.282.011
Coiled hose	2 m	410.320.282.012
Coiled hose	1 m	410.320.282.013

Preventive Maintenance Gauges

Dimensional Gauges, Balancing Masters, Coolant Supply Gauges, Center Height/Master Setting, Tool Changer Alignment Gauges, Machine Set-up Gauges. Also ask us about custom gauges and personalized solutions for your machine or machine tool.

Runout Test Arbors



Available for all major machine tapers, including CAT/DIN/BT Steep Taper, HSK, Capto, KM, Morse, and others.

Chuck Force Gauges



Measure chuck jaw clamping force at high speeds. Also available for other chuck measuring applications.

Drawbar Force Gauges



Measure tool clamping force to protect spindles and ensure machining accuracy.

Custom Machine Tool Gauges

Any gauge for any machine or machine tool.

