

Ball end spindle runout test arbors are ideal for checking 5-axis machines.

A test certificate is included. Nominal accuracy is better than 0.005mm (5 microns).

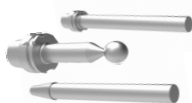
A storage case is included.

Description	L	D	Order Number
HSK-A/C/E 32	150	30	466.132.030.150
HSK-A/C/E 40	150	30	466.140.030.150
HSK-A/C/E 50	150	30	466.150.030.150
HSK-A/C/E 63	150	30	466.163.030.150
HSK-A/C/E 63	200	30	466.163.030.200
HSK-A/C/E 100	150	30	466.190.030.150
HSK-A/C/E 100	200	30	466.190.030.200
HSK-F 63	150	30	466.663.030.150

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.

