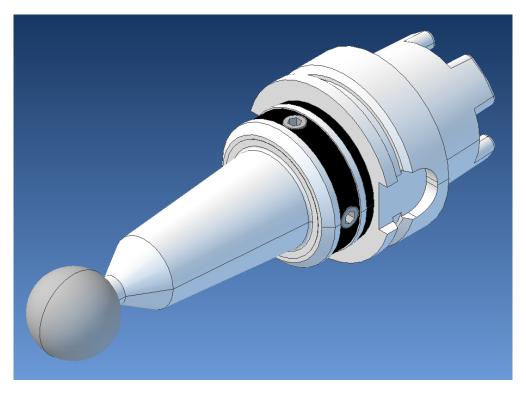
For verification of 5-axis HSK taper spindle machining centers

Rev. 12-1101 Page 1 of 1 Uncontrolled Document



TAC Rockford precision ball arbors have a special adjustment mechanism which allows the ball runout to the taper to be adjusted.

Arbors are factory-adjusted to <=0.005 mm (0.0002") runout. A certificate of accuracy is included.

Gauge length is measured from the tool holder gauge line to the end of the ball. Please contact us for other ball diameters and gauge lengths. Inch dimensions are also available.

Arbors do not include a carrying case. Visit our carrying case options page for gauge crib upright storage, travel, and customized carrying case solutions.

Taper	Gauge Length (L)	Ball Diameter (D)	Part Number
HSK-A/C/E 40	150 mm	30 mm	467.140.000.000
HSK-A/C/E 63	150 mm	30 mm	467.163.000.000
HSK-A/C/E 100	150 mm	30 mm	467.190.000.000
HSK-A/C/E 50 / HSK-F 63	150 mm	30 mm	467.663.000.000
HSK-F 80	150 mm	30 mm	467.680.000.000

**Overview: Spindle Runout Arbor Carrying Cases (465.006)** 

enance Gauges need to be transported on a frequent basis, or need to be stored in Gauges, Balancionge Araster so cooperios Liphty Gauges coe எசின்ற Alaster Setting, Tool Changer Alignment Changes 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.







