

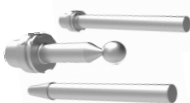


The machine-integrated drawbar force gauge automates drawbar force measurement. With a wireless force sensor stored in the tool changer, a machine can periodically automatically check the drawbar without stopping product. Drawbar force is returned to the machine control via a wireless receiver, automatically alerting the operator if insufficient force is detected.

**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.