



Tool changer alignment gauges verify proper alignment between the tool changer spindle. Improper alignment can result in abnormal wear on the spindle interface, tool changer, and tool holder. In addition, mis-clamping and dropped tools can also occur.

Steep taper sets include taper and flange, alignment pin, extraction screw, and a padded carrying case.

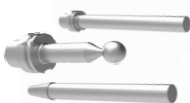
Taper	Part Number
Steep Taper 30 (BT) Tool Changer Alignment Gauge	<a href="#">440.135.730.000</a>
Steep Taper 40 (BT) Tool Changer Alignment Gauge	<a href="#">440.135.740.000</a>
Steep Taper 40 (BT) and 40 (CAT/ANSI) Tool Changer Alignment Gauge	<a href="#">440.135.740.940</a>
Steep Taper 50 (BT) Tool Changer Alignment Gauge	<a href="#">440.135.750.000</a>
Steep Taper 50 (BT) and 50 (CAT/ANSI) Tool Changer Alignment Gauge	<a href="#">440.135.750.950</a>
Steep Taper 30 (DIN) Tool Changer Alignment Gauge	<a href="#">440.135.830.000</a>
Steep Taper 40 (DIN) Tool Changer Alignment Gauge	<a href="#">440.135.840.000</a>
Steep Taper 50 (DIN) Tool Changer Alignment Gauge	<a href="#">440.135.850.000</a>
Steep Taper 60 (DIN) Tool Changer Alignment Gauge	<a href="#">440.135.860.000</a>
Steep Taper 30 (CAT/ANSI) Tool Changer Alignment Gauge	<a href="#">440.135.930.000</a>
Steep Taper 40 (CAT/ANSI) Tool Changer Alignment Gauge	<a href="#">440.135.940.000</a>
Steep Taper 45 (CAT/ANSI) Tool Changer Alignment Gauge	<a href="#">440.135.945.000</a>
Steep Taper 50 (CAT/ANSI) Tool Changer Alignment Gauge	<a href="#">440.135.950.000</a>
Steep Taper 60 (CAT/ANSI) Tool Changer Alignment Gauge	<a href="#">440.135.960.000</a>

Also available for HSK and Capto.

## 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.

