



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.

HSK-F80 gauge can accept pins for Makino Flange-Pin spindles.

For non-standard HSK configurations, please contact us.

HSK taper sets include taper and flange, axial and radial alignment pins, and a padded carrying case.

Taper	Part Number
HSK-E25 Tool Changer Alignment Gauge	440.135.125.000
HSK-A/E32 Tool Changer Alignment Gauge	440.135.132.000
HSK-A/E40 Tool Changer Alignment Gauge	440.135.140.000
HSK-A/E50 Tool Changer Alignment Gauge	440.135.150.000
HSK-A/E63 Tool Changer Alignment Gauge	440.135.163.000
HSK-A/E63 Tool Changer Alignment Gauge	440.135.163.000
HSK-A80 Tool Changer Alignment Gauge	440.135.180.000
HSK-A100 Tool Changer Alignment Gauge	440.135.190.000
HSK-A125 Tool Changer Alignment Gauge	440.135.192.000
HSK-A160 Tool Changer Alignment Gauge	440.135.196.000
HSK-F63 Tool Changer Alignment Gauge	440.135.663.000
HSK-F80 For Makino Flange-Pin Spindles	440.135.680.000

Also available for Steep Taper, Capto, and KM.