

Spline Gauges & Master Gears

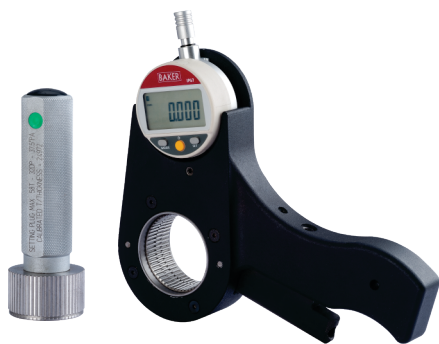


VARIABLE SPLINE INDICATOR PLUG GAUGE WITH SETTING MASTER RING



Specifications	Variable Spline Indicator Plug Gauge
Standards:	ISO (International), DIN (Germany), ANSI / AGMA (American), JIS (Japanese)
Range:	
Min. diameter	3mm
Max. diameter	350mm
Max. number of teeth	500
Min. pitch	0.1 module
Max. pitch	25.4 module
Max. tooth length	150mm
Typical Tolerances:	
Profile	0.005mm
Total Spacing	0.005mm
Runout	0.005mm
Tooth Alignment	0.0025mm
Space Width	0.005mm

VARIABLE SPLINE INDICATOR RING GAUGE WITH SETTING MASTER PLUG



Variable spline indicator ring gauges are ideally suited to measuring component effective tooth thickness. Spline indicators can also be supplied with two opposite sectors of teeth to measure actual tooth thickness.

Specifications	Variable Spline Indicator Ring Gauge
Standards:	ISO (International), DIN (Germany), ANSI / AGMA (American), JIS (Japanese)
Range:	
Min. diameter	3mm
Max. diameter	350mm
Max. number of teeth	500
Min. pitch	0.1 module
Max. pitch	25.4 module
Max. tooth length	150mm
Typical Tolerances:	
Profile	0.005mm
Total Spacing	0.005mm
Runout	0.005mm
Tooth Alignment	0.0025mm
Space Width	0.005mm

SPLINED LOCK UP CONCENTRICITY RING GAUGE



Specifications

Range available:
 Min. diameter : 10mm
 Max. diameter : 300mm
 Max. tooth length of component : 300mm

Concentricity Tolerance:

Between outside diameter and spline pitch circle diameter : 0.005mm

Notes:

To use this gauge, the component under testing is mounted on centers while the concentricity ring is clamped onto it. The outside diameter of the ring is concentric to the pitch circle diameter. This means that, with the aid of a runout checking device—for example, dial indicators or transducers—the component's datum faces or diameters can be inspected.

GO SPLINE RING GAUGE AND TAPER MASTER PLUG



Taper tooth master plugs with fit and wear lines beautifully exemplify Spline Gauges' exacting specialty engineering. These are used to monitor the wear of ring gauges during component manufacture. The ring gauge is ground to fit the master plug for original and replacement ring gauges.

Specifications	Taper Master Plug
Standards:	ISO (International), DIN (Germany), ANSI / AGMA (American), JIS (Japanese)
Range:	
Min. diameter	3mm
Max. diameter	350mm
Max. number of teeth	500
Min. pitch	0.1 module
Max. pitch	25.4 module
Max. tooth length	150mm
Typical Tolerances:	
Profile	0.005mm
Total Spacing	0.005mm
Runout	0.005mm
Tooth Alignment	0.0025mm
Space Width	0.005mm