

Precision Gage Company offers a full line of spline ring and plug gages. Spline ring and plug gages provide the most basic and simple inspection of spline components.

- Go Composite Ring Gages provide a basic check of the maximum effective tooth thickness of an external spline component.
- Go Composite Plug Gages provide a basic check of the minimum effective space width of an internal spline component.
- NoGo Sector Ring Gages provide a basic check of the minimum actual tooth thickness of an external spline component.
- NoGo Sector Plug Gages provide a basic check of the maximum actual space width of an internal spline component.
- NoGo Composite Ring Gages provide a basic check of the minimum effective tooth thickness of an external spline component.
- NoGo Composite Plug Gages provide a basic check of the maximum effective space width of an internal spline component.

Spline rings and plug gages can also be designed and built for the combined inspection of major or minor diameter fit components. Other elements in the design of a gage can include locating features such as journal diameters, ground bores, flats and holes in relation to a tooth or space to aid alignment.



We also manufacture Taper Master Plugs (TMPs). A TMP is used for the manufacture and checking wear condition of ring gages. A TMP has three lines inscribed as depicted in the diagram below; a new ring will be manufactured to fit between the first two lines. When the ring passes over the third line, the ring is worn.

When a TMP is used in the manufacturing of new rings, it ensures that all new ring gauges are consistent in size and allow you to monitor ring wear simply and accurately. This is useful when multiple rings are supplied to be used by subcontractors and end users.

PRECISION  GAGE COMPANY

"Quality Since 1948"

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