

# PRODUCT INFORMATION SHEET

## Mechanical Taper Gauge



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The NEW "Floor Standing" Taper Gauge is the latest addition to Torus' range of Orthopaedic inspection systems.

Designed specifically for Orthopaedic Hip manufacturers who need to control their Femoral Heads, this inspection gauge gives critical measurement information on the internal Taper dimensions.

The Gauge can accommodate the full range of Femoral Heads and measures a variety of different features such as Taper Angle, Diameters, Straightness and Form.

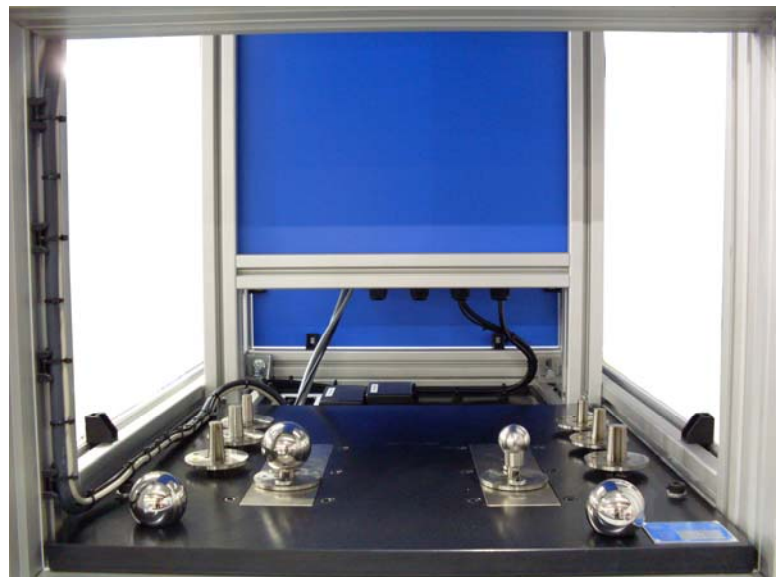
To operate, simply scan the batch card with a barcode reader and the software will automatically select the relevant component type from the menu and the powerful Windows software will prompt you to load the specific Femoral Head.

Important trace information can also be attributed, to ensure easy analysis and comparison to assist in process control.

Torus' GaugeXplorer, state of the art Windows Software ensures the operator is presented with detailed measurement information to identify immediate areas of concern.

Our powerful on screen reporting gives information on your manufacturing process and typically each Femoral Head is inspected in less than 10 seconds....

On screen displays quickly alert operators to areas of concern, so immediate measures can be taken to reduce scrap components from the process.....



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**Features Measured**  
Internal Diameters  
Internal Taper Angle  
Internal Straightness  
Internal Taper Form

**Accuracy**  
+/-0.004mm  
+/-3secs (0.0004")  
+/-0.004mm

**Repeatability**  
0.002mm  
3secs  
0.002mm

### TECHNICAL SPECIFICATION

**Component Range**  
Complete Femoral Head Range



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