



**THE APPLICATION:**  
**SPHERICAL BEARING WITH MODIFIED FORM**

**FEATURES BEING MACHINED**

- Main spindle
- Rough turn OD
- Drill
- Bore and Chamfer
- Cutoff-transfer to sub spindle
- Sub spindle
- Face and finish turn modified form
- Chamfer ID
- Scan OD form with Marposc scanning probe.

**PART TOLERANCES**

- Roundness - .00003"
- Size - +/- .00015"
- Profile - +/- .0002"

This demonstration is to showcase the exceptional interpolation capability of the Hardinge T series machines.

**THE MACHINE:**  
**HARDINGE SUPER-PRECISION® T-42**

**MACHINE SPECIFICATION**

- A2-5/16C Collet Ready
- Made in the USA Spindle
- 6,000 RPM Main & Sub Spindle
- Live Tooling, Y-Axis, Sub Spindle
- 16 Station BMT 45 Turret with 1/2 Station Index
- Part and Tool Probe

**THE INDUSTRY:**  
**CARBIDE DIES & TOOLING BEARING & INJECTION MOLD**

This is meant fo any industry that stives to develop parts with exacting contour details.



Contact us for more information:  
HARDINGE.COM | 800-843-8801