# HARDINGE®

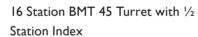


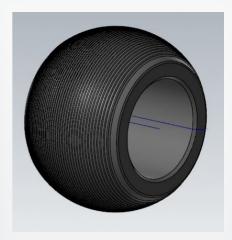
#### THE MACHINE:

## **HARDINGE SUPER-PRECISION® T-42**

## **MACHINE SPECIFICATION**

- A2-5/I6C 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 ½
- Part and Tool Probe





## 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 Marposs 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 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