



## THOMSON PRECISION BALLS

Made with Pride –  
Backed with Accreditation

# Precision Balls Lab Certification

A2LA Accredited to ISO 17025:2005 and ANSI/NC SL Z540-1-1994

With more than 75 years of experience in manufacturing and supplying high-quality precision balls, Thomson is well-equipped to provide a certified ball that you and your customers demand. Our A2LA accredited calibration laboratory features a unique array of the finest metrology equipment for the calibration and manufacture of balls. This dedication to quality assures our customers that the balls we calibrate do not contain any hidden damage that an inexperienced, less equipped lab may overlook.

### Highlights

- Thomson is the only ball company that is accredited to measure size, sphericity and surface finish of spherical objects
- Our masters have been calibrated at the National Institute of Standards and Technology (NIST)
- Our gauge environment is maintained with Class 10,000 cleanliness levels, and the temperature is regulated to  $\pm 0.5$  degrees Fahrenheit
- Size is measured in accordance with ABMA Standard 10

A good indicator of competency for a calibration laboratory is the degree of uncertainty that lab is able to demonstrate. Our metrology lab demonstrates an uncertainty of:

- 6.6 microinches for size
- 1.1 microinches for sphericity
- 0.091 microinches for surface finish-Ra

Contact us with any questions regarding your calibration needs.

 **THOMSON**<sup>®</sup>

*Linear Motion. Optimized.<sup>™</sup>*

A REGAL REXNORD BRAND



## Thomson Precision Balls

### Made with Pride – Backed by Accreditations

- Registered to ISO 9001:2015.
- Accredited Lab to ISO 17025 by A2LA, for measurement of size, sphericity and surface finish.
- Statistical uncertainty of 0.000066", 3rd party verified.

### Manufacturing Capabilities

- Since 1946, our US-based manufacturing facility has been specializing in producing a variety of unique sizes.
- We globally source our materials to meet any customer specifications, including DFARS.
- Our Kanban inventory, lean manufacturing and flexibility reduce our lead time to meet your demands.

### Held to a Higher Standard

- Our 52100 Series fully meets AMS 6440.
- Our 440C Stainless Steel fully meets AMS 5630 and AMS 2700.
- We provide raw material certificates and a Certificate of Conformance with all shipments at no charge.

### Thomson Precision Balls

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