



## THOMSON PRECISION BALLS

Made with Pride –  
Backed with Accreditation

# DFARS 440C Aerospace Precision Balls

## DFARS 7009/7014 Precision Balls for a Variety of Applications

With more than 75 years of experience in manufacturing and supplying high-quality precision balls, Thomson is well-equipped to provide the ideal standard or custom solution for your application. DFARS 440C precision balls are a popular choice among bearing designs and other high-precision aerospace and non-aerospace products. We start with the highest quality material from DFARS-compliant countries, followed by NADCAP heat treatment and precision lapping to size and tolerance to meet customer specifications. Lastly, compliance is assured by our A2LA accredited lab.

### Key Markets

- Aerospace
- Department of Defense
- Industrial

### Ideal Applications

- Radial Bearings
- Linear Bearings
- Ball Screws
- Detent Latches/Pins
- Linear Guides

### Benefits

- Corrosion Resistant
- Thermal Stability
- Quality of Material
- Shorter Lead Times from Thomson
- Domestic Supplier
- Extensive Selection of Gauges

Standard Size Range	Grade Range	Standard Grade
1 – 12.7 mm	G3 - G100	10



*Linear Motion. Optimized.™*

A REGAL REXNORD BRAND



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- Registered to ISO 9001:2015.
- AS9100D registered.
- 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 5880 and AMS 2700.
- Vac melt to AMS 6444 and AMS 5618 available.
- We provide raw material certificates and a Certificate of Conformance with all shipments at no charge.

### Thomson Precision Balls

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### Thomson Customer Service

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