With more than 70 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

<table>
<thead>
<tr>
<th>Standard Size Range</th>
<th>Grade Range</th>
<th>Standard Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 – 12.7 mm</td>
<td>G3 - G100</td>
<td>10</td>
</tr>
</tbody>
</table>

www.thomsonlinear.com
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.