



Precision Balls



Thomson – the Choice for Optimized Motion Solutions

Often the ideal design solution is not about finding the fastest, sturdiest, most accurate or even the least expensive option. Rather, the ideal solution is the optimal balance of performance, life and cost.

The Best Positioned Supplier of Mechanical Motion Technology

Thomson has several advantages that makes us the supplier of choice for motion control technology.

- Thomson own the broadest standard product offering of mechanical motion technologies in the industry.
- Modified versions of standard product or white sheet design solutions are routine for us.
- Choose Thomson and gain access to over 70 years of global application experience in industries including packaging, factory automation, material handling, medical, clean energy, printing, automotive, machine tool, aerospace and defense.
- As part of Fortive Corporation, we are financially strong and unique in our ability to bring together control, drive, motor, power transmission and precision linear motion technologies.

A Name You Can Trust

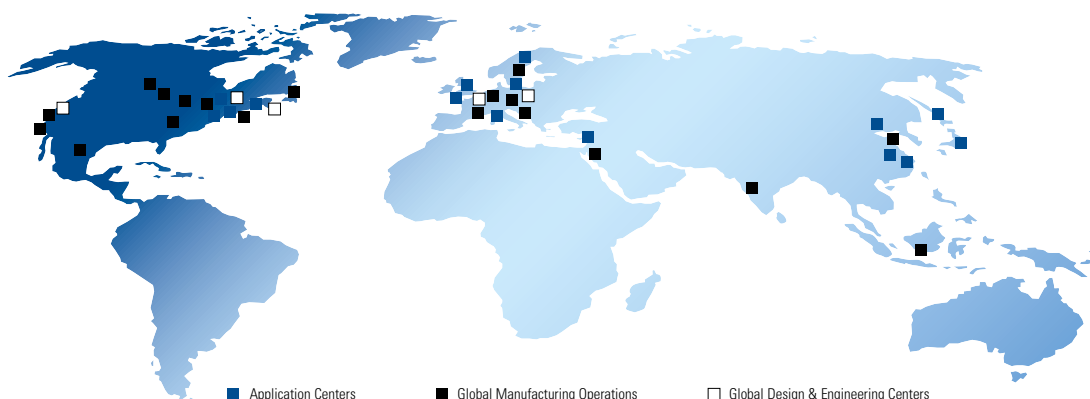
A wealth of product and application information as well as 3D models, software tools, our distributor locator and global contact information is available at www.thomsonlinear.com. For assistance in Europe, contact us at +44 1271 334 500 or e-mail us at sales.uk@thomsonlinear.com.

Talk to us early in the design process to see how Thomson can help identify the optimal balance of performance, life and cost for your next application. And, call us or any of our 2000+ distribution partners around the world for fast delivery of replacement parts.

The Fortive Business System

The Fortive Business System (FBS) was established to increase the value we bring to customers. It is a mature and successful set of tools we use daily to continually improve manufacturing operations and product development processes. FBS is based on the principles of Kaizen which continuously and aggressively eliminate waste in every aspect of our business. FBS focuses the entire organization on achieving breakthrough results that create competitive advantages in quality, delivery and performance – advantages that are passed on to you. Through these advantages Thomson is able to provide you faster times to market as well as unsurpassed product selection, service, reliability and productivity.

Local Support Around the Globe





Overview

Quality Ball Technology from Danaher Motion

Expect only the finest in quality ball technology from Danaher Motion. Danaher Motion offers ball sphericity within 3 millionths of an inch (0.077 micron), 100% quality inspection, and a choice of 27 high performance materials—all guaranteed to meet or exceed the standards of the American Bearing Manufacturers Association (ANSI/ABMA Std. 10-1989).

The specifications for each Thomson quality ball are presented in this guide. Material characteristics are explained below. Each material's compositional analysis, mechanical properties and various testing standards are described with the ball engineering specifications within the guide.

In addition, a fraction - to - decimal - to - millimeter conversion chart is provided for your convenience. For more detailed information on Thomson quality ball technology, contact us directly at 1-540-633-3400.

How to Order:

When ordering balls, please specify the following:

- Nominal ball diameter
- Type of material
- Grade
- Ball Gage† (if applicable)

All standard balls are always in stock and ready for immediate off-the-shelf delivery. If your application calls for custom balls, send us your specifications and we'll gladly meet them.

To place your order, call us: 540-633-3400,
or fax: 540-639-4162
or email at ballrfqs@danahermotion.com

†Since the ball gage is the desired amount by which the lot mean diameter should differ from the nominal diameter, it must be expressed with the proper algebraic sign (+ or -).

