



Why Choose Rexnord?

When it comes to providing highly engineered products that improve productivity and efficiency for industrial applications worldwide, Rexnord is the most reliable in the industry. Our commitment to customer satisfaction and superior value extends to every area of our business.

Delivering Lowest Total Cost of Ownership

The highest quality products are designed to help prevent equipment downtime, increase productivity and deliver dependable operation.

Valuable Expertise

An extensive product offering is accompanied by global sales specialists, customer service and maintenance support teams, available anytime.

Solutions to Enhance Ease of Doing Business

Our commitment to operational excellence means you benefit from getting the right products to the right place at the right time.

Why Choose Rexnord Thomas Couplings?

Unsurpassed in Proven Reliability and Quality

Thomas disc couplings are engineered for infinite life. Rexnord's experience and dedication to conservative design standards ensure maximum reliability on the most critical power train systems.

Longstanding Industry Experience

Since 1914, Rexnord engineers have worked with customers to design and enhance Thomas disc coupling solutions. Rexnord works with customers to select and customize designs that are optimized for their specific applications.

Solutions-Based Product Offering

The Thomas coupling designs incorporate features optimized for motor, engine and turbine driven applications. For custom applications, Rexnord frequently works with customers to solve unique problem such as:

- Torsional tuning for variable frequency drives (VFD)
- Balancing for high speed applications
- Split hub mounting
- Electrically insulated couplings





Thomas Disc Couplings

- Allows for visual inspection and easy replacement of disc packs and center members
- Features zero backlash, low restoring forces, electrically insulated designs
- Over 25 sizes
- Optional designs for coupling mounting and disconnect, brake mounting and overload protection
- Up to 16.0 inches (405 mm) bore capacity
- Up to 3,390,000 in-lb (383 019 Nm) torque capacity
- Up to 36,000 rpm (36 000 rpm)
- API 671/ISO 10441 (when specified), API610/ISO 13709, ISO 14691, ATEX II 2GD c T6

Process & Motion Control Products & Solutions For Your Business

- Bearing
- Coupling
- Gear
- Industrial Chain
- Conveying Equipment
- FlatTop
- Product Services

Industries Served

- Air Handling
- Construction Machinery
- Forest Products
- Mining
- Power Generation
- Pumps & Compressors
- Steel

Spacer

XTSR52,
XTSR71



An upgraded product design with enhancements including modular disc packs, improved torque ratings, reduced weight and ease-of-assembly features. Ideal for motor/turbine driven pumps, compressors, fans, blowers and ANSI, IEC and API applications.

Close Coupled

54RDG, DBZ



Features reduced diameter. A replacement option for grid and gear couplings with minimal shaft spacing requirements.

Heavy Duty

AMR, CMR



Designed for applications with high starting torque, shock loads and torque reversal. Often used with engine driven gas compressors.

High Performance

THP, 63



Features high speed ratings, minimized weight and reduced outside diameter. Ideal for steam and gas turbine, gas expander.

Floating Shaft, Long Span

SN, SF, SV



Designed for applications with extended distance between driver and driven shafts.

Single Flexing Disc

SN Single



Accommodates high radial load and misalignment. Used in single bearing applications.