Productivity Solutions for Plastics Extruders

RBC Tapered Roller Thrust Bearings using MAX3™ clean steel results in higher capacities and fatigue life in Plastics Extruders. Combined with RBC’s inventory availability and best in class customer service, RBC’s Tapered Roller Thrust Bearings increase uptime and reduces total cost.

RBC produces an extensive heavy duty Tapered Roller Thrust Bearing product line from 4 inch bore to 16 inch bore. RBC heavy duty Tapered Roller Thrust Bearings are designed for demanding applications in harsh environments, such as Plastics Extruders.

RBC Tapered Roller Thrust Bearings are available with machined bronze cages, pin-type cages, and as full complement bearings, offering significantly increased capacity for heavily loaded applications.

Advantages of RBC heavy duty Tapered Roller Thrust Bearings:

- Interchangeable with industry standard product offering
- High shock load resistance
- Application flexibility — Bore reliefs standard on larger sizes, optional on smaller sizes, to fit a variety of unique applications
- Best lead times in the industry

RBC Tapered Roller Thrust Bearings are available with high quality MAX3™ clean steel resulting in:

- Longer Fatigue Life / Increased Capacity
- Improved Power Density

RBC carries standard Tapered Roller Thrust Bearings as well as V-Flats to support a variety of the most demanding applications.

Because That’s How We Roll.
RBC has been producing bearings in the USA since 1919. In addition to unique custom bearings, RBC offers a full line of standard industrial and aerospace bearings, including:

### Tapered Roller Thrust Bearings
Case-hardened tapered roller thrust bearings for oilfield top drives and swivels. Available in full complement, maximum capacity versions.

### Cylindrical Roller Bearings
Cylindrical roller bearings designed for mud pump pinion and eccentric positions. Fully interchangeable to industry standards.

### Spherical Plain Bearings
Radial, angular contact, extended inner ring, high misalignment. QuadLube®, ImpactTuff®, SpreadLock® Seal, CrossLube®, DuraLube™, and self-lubricating bearings. Available in inch and metric sizes.

### Keyless Locking Devices
Mechanical bushings used to connect power transmission components onto rotating shafts. Without the use of keyways, KLDs eliminate the problems associated with backlash including fretting, corrosion, and wallowing.

### Self-Lubricating Bearings
Radial, thrust, rod ends, spherical bearings, high temperature, high loads. Available in inch and metric sizes. Fiberglide® self-lubricating bearings.

### Ball Bearings
Precision ground, semiground, unground. High loads, long life, smooth operation. Nice® branded products are offered in caged and full complement configurations.

### Thin Section Ball Bearings
Standard cross sections to one inch. Bore sizes to 40 inches. Stainless steel and other materials are available. Seals are available on all sizes and standard cross sections. Super duplex configurations.

### Needle Roller Bearings
Pitchlin® caged heavy duty needle roller bearings ideal for cross head bearings applications. These double row bearings are available in single row and Tandem Roller® versions.

### Tapered Roller Bearings
Single, double, & multi row versions available for main bearing positions in mud pumps, gear boxes, etc. Bearings are constructed of case hardened steel washers and rollers with bore size of 11" or greater.

### Lubron™ Bearings
Lubron™ self-lubricating bearings designed and custom manufactured in most any size, material and bearing configuration. Applications include hydro power and water control, nuclear power generation, infrastructure, architecture, offshore marine, industrial, machinery and heavy equipment.

### Rigid Couplings
Shaft couplings serve as components to time, join, or align shafts at lower speeds and torque, especially when zero backlash is desired. Made from mild steel with a black oxide finish type 303 stainless steel, or aluminum. Available in inch and metric sizes.

### Cam Followers
Standard stud, heavy stud, yoke type, caged roller followers. Patented RBC Roller® cylindrical roller cam followers, HexLube® universal cam followers, airframe track rollers.

### Commercial Rod Ends
Commercial and industrial, precision, Mt-Spec series, self-lubricating, and aircraft. Sold under the Heim®, Unibal®, and Spherco® names. Available in inch and metric sizes.

### TP Series Bearings
RBC’s TP Series cylindrical roller thrust bearings ideal for crane hooks, oil well swivels, winch systems, and gear boxes. Fully interchangeable with industry standard offering.

### Shaft Collars
Used to position or locate a component on a shaft. Made from mild steel, type 303 or 316 stainless steel, aluminum, or acetal. Available in inch and metric sizes.

### Specials
RBC manufactures many specialty bearings for the aerospace, oil and energy, semiconductor equipment, packaging, transportation, and other industries.

### PIC Design®
Complete line of precision gears, precision hardware, timing belts, pulleys, and linear motion systems. Industries served include industrial, aerospace, defense, medical, robotics and automation, material handling, and assembly. Custom design support for unique applications.

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Smother. Faster. Longer. Because That’s How We Roll.

www.rbcbearings.com  800.356.6584

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