

# Productivity Solutions for Packaging

*From primary packaging to palletizing, from can and bottle making to filling, RBC provides an extensive range of solutions that improve your productivity every step of the way.*



RBC offers solutions for packaging applications including:

- ✓ Aluminum Can Making
- ✓ Filling and Capping
- ✓ Cartoning and Packing
- ✓ Closure Manufacturing
- ✓ Bag Making and Filling
- ✓ Palletizing and Strapping

RBC's experience in the packaging industry allows us to deliver engineered solutions to your toughest application challenges:

- ✓ High Speeds and Loads
- ✓ Extreme Temperatures
- ✓ Reduction and Elimination of Lubrication Systems
- ✓ High Cost of Down Time

RBC's broad product offering for the packaging industry, includes:

## **Needle Roller Cam Followers**

- ✓ Stud and Yoke Style Followers from 1/2" to 10" OD
- ✓ Sealed and Open Configurations
- ✓ Cylindrical or Crowned OD
- ✓ Eccentric Stud

## **RBC Roller® Cam Followers**

- ✓ Cylindrical Roller Followers from 1" to 10"
- ✓ Sealed for Life Design
- ✓ Able to operate at higher speeds and loads
- ✓ Up to 5 times the life of a standard needle roller cam follower!

## **NICE® Ball Bearings**

- ✓ Precision Ground and Semi-Ground Inch Ball Bearings
- ✓ Sealed, Shielded and Open Designs
- ✓ Full Complement and Caged Designs
- ✓ ER Style Conveyor Bearings

## **HEIM® Rod Ends**

- ✓ Standard, Precision and Heavy Duty designs
- ✓ High Strength two-piece design
- ✓ Self Lubricating Options
- ✓ Wide Range of Optional Features

## **Engineered Special Products**

- ✓ Maintenance Free Designs
- ✓ Engineered Polymers and Thermoplastics
- ✓ Special Materials, Plating and Coatings



RBC Bearings® has been producing bearings in the USA since 1919. In addition to unique custom bearings, RBC Bearings® 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, corroding, 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

**Pitchlign®** 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, Mil-Spec series, self-lubricating, and aircraft. Sold under the **Heim®**, **Unibal®**, and **Spherco®** names. Available in inch and metric sizes.



### TP Series Bearings

RBC Bearings® 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 Bearings® 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.