



**Bearing solutions that keep
the world moving forward**

1-800-708-2128 | www.rbibearing.com



Built for excellence

For three decades, RBI Bearing, Inc. has manufactured & distributed our own brand of bearings - **RBTech**.

We have the availability to manufacture millions bearings annually in hundreds different sizes and configurations from our wholly-owned bearing factory and partner factories in Wuxi, China. All of our bearings are ISO9002 & TS16949 certified, and our factory is cleaning & filtration system compliant with ISO-14000 standards.

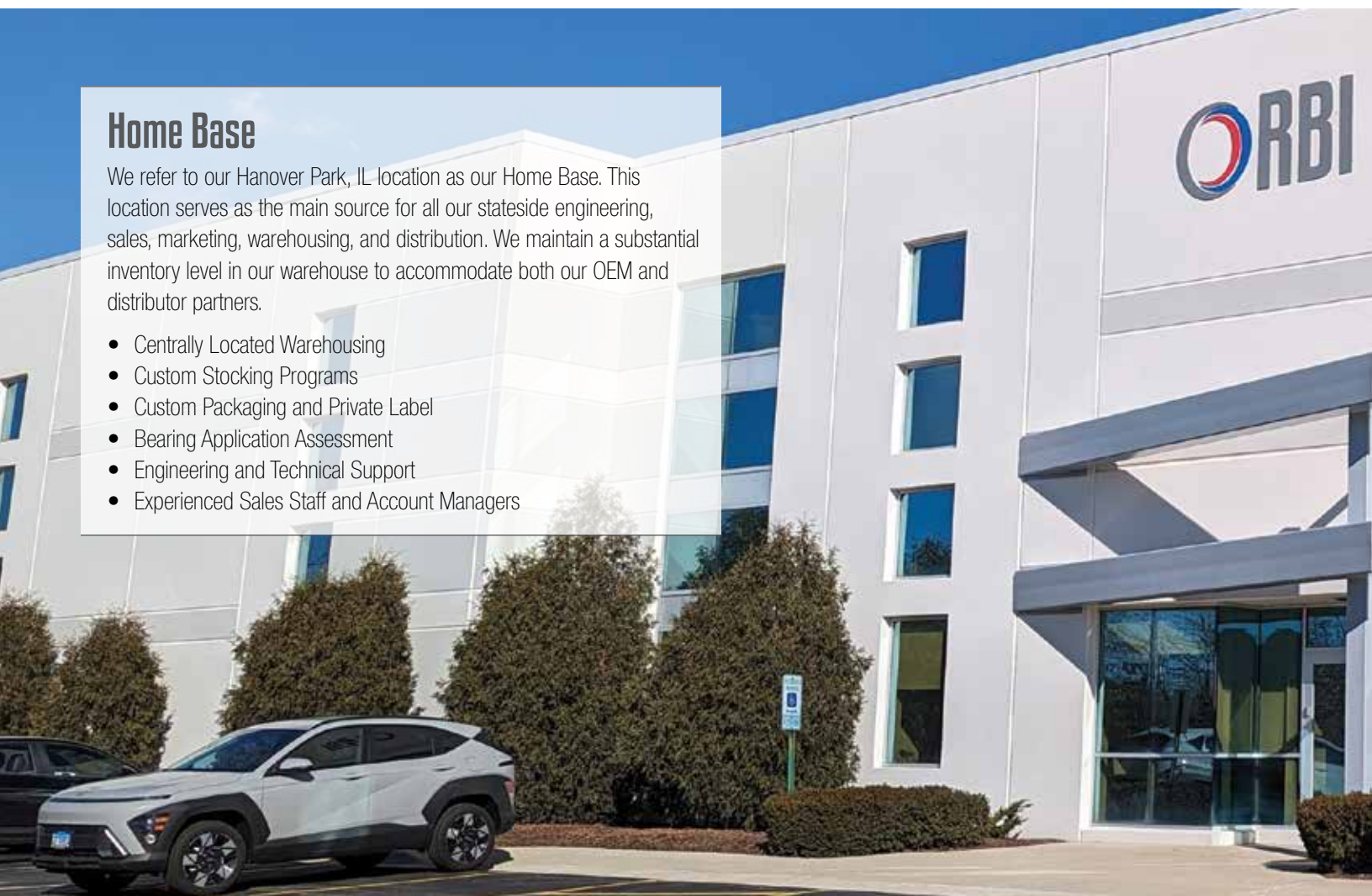
We realize standard off-the-shelf bearings don't work for every situation; we often produce custom bearings for our customers according to their drawing specs to fit a variety of applications. We also have customers who need a source for precision machine parts and assembly solutions; through our partner Castings and Machine Parts factories, we offer these services as well as a value-add.

Faster lead times, an expanding product line, state-of-the-art factories, a proprietary product quality management system, and superior customer service have positioned RBI as a performance leader in the bearing industry.

Home Base

We refer to our Hanover Park, IL location as our Home Base. This location serves as the main source for all our stateside engineering, sales, marketing, warehousing, and distribution. We maintain a substantial inventory level in our warehouse to accommodate both our OEM and distributor partners.

- Centrally Located Warehousing
- Custom Stocking Programs
- Custom Packaging and Private Label
- Bearing Application Assessment
- Engineering and Technical Support
- Experienced Sales Staff and Account Managers





Mission

Our mission at RBI Bearing is to be first in class, every day. To us this means being first in quality, communication, service, sales, and logistics. We believe honesty, integrity, commitment to customer service, leading by example, and open communication will guide us into a successful future. We understand that people who like coming to work do better work. RBI has created a positive work environment that starts with a collaborative foundation, is inclusive, transparent, team oriented, trusting, and FUN! We've found by creating a collaborative work environment, our employees have been empowered to do their best work.

Industries and Applications

From our 600 miniature series bearings to our FSAF spherical mounted bearings, we've got you. Thanks to our three decades of industry knowledge and experience, we've been able to continuously expand our product offerings to support a wide variety of industries and applications. From harsh, extreme environments to sterile, non-corrosive environments to basic household appliances, RBI delivers bearing solutions tailored for your industry.

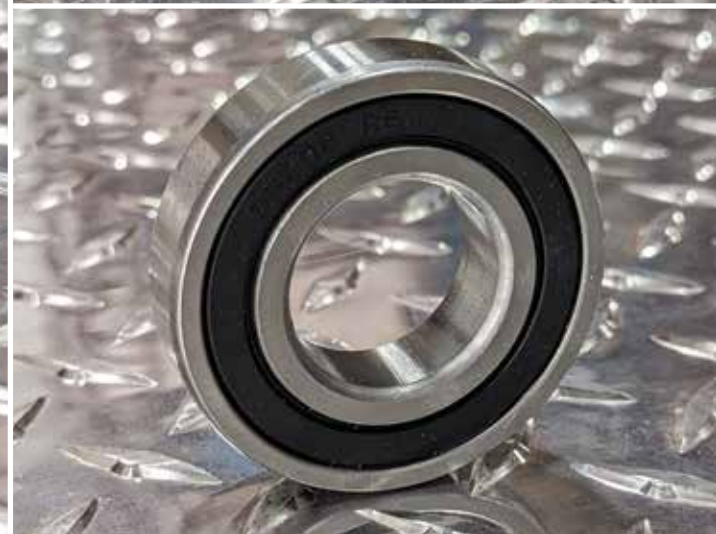
- Construction
- Mining
- Primary Metals
- Agricultural & Farming
- Outdoor Power
- Pulp & Paper
- Food & Beverage
- Material Handling & Conveyors
- Electric Motors
- Gear Boxes & Pumps
- Generators & Screw Compressors
- Hub & Axle
- Fitness Equipment
- Household Appliances



BEARINGS AND MOUNTED UNITS

RBI provides quality bearings and mounted units that are used throughout industries worldwide. We manufacture a full range of popular bearing types including miniature inch and metric ball bearings, common metric (6000, 6200, and 6300) and inch series ball bearings, angular contact ball bearings, tapered roller bearings, cylindrical roller bearing, and spherical roller bearings. Our bearings are available in 52100 high carbon bearing steel and 440C stainless steel. RBI's ball bearings meet ABEC 1 precision grade and use grade 10 precision balls to provide smooth running and quiet operation. Common high temperature lubricants and food grade greases are available. RBI's ball bearings can be provided open, with seals or steel shields. Most of our bearings can be customized to meet the requirements of your specific application.

RBI's mounted units offer housings in various materials such as cast iron, stainless steel, thermoplastic, or ductile iron. Our mounted units are available in a variety of common design configurations such as pillow block, 2-bolt flanges, 3-bolt flanges, 4-bolt flanges and take up units that are interchangeable with major bearing brands.





Factory Capabilities

- Automatic Production & Assembly Lines
- Availability to Manufacture Millions Bearings Annually
- Hundreds of Different Sizes & Configurations
- High Quality Control & Assurance Standards
- ISO9002 & TS16949 Certified
- Cleaning & Filtration System Compliant w/ISO-14000 Standards
- Produce Z3/V3 Noise & Vibration Levels
- Material Procurement
- Bearing Application Engineering
- Engineering, Consulting & Design
- Factory Warehouse Programs
- Custom Packaging & Private Label
- Special Product Markings
- Global Sourcing Capabilities

Core Products

- Deep Groove Ball Bearings
- Double Row Ball Bearings
- Stainless Steel Deep Groove Ball Bearings
- Cylindrical Roller Bearings
- Tapered Roller Bearings
- Spherical Bearings
- Angular Contact Bearings
- Spherical Mounted Bearings
- Pillow Block Mounted Bearings
- Flange Block Mounted Bearings
- Take Up Mounted Bearings
- Pressed Steel Mounted Bearings
- Stainless Steel & Thermoplastic Mounted Bearings



Precision Machine Parts

As a value-added service, with our partner factories AFC and Wuxi Precision Machine, RBI has the capabilities to manufacture Investment Castings, Precision Machine Parts, and the manpower to assemble all components in house. We produce parts for light and heavy automotive vehicles, medical equipment, food processing equipment, marine equipment, pumps and compressors, and many other general industrial equipment applications.

RBI's Investment Casting and Machine Parts factories specialize in the design, development, and production of precision machine parts used in applications that demand high quality and precision components. Our investment casting process allows for more complex shapes and greater flexibility, and specializes in the production of customized stainless steel, aluminum, and carbon steel castings using the lost-wax investment casting method. Our machine parts factory operates on advanced machining equipment and different types of grinding machines. We have a strong outsourcing power for linear cutting and stamping as well as heat treatment and different types of surface treatment, enabling us to provide our customers with integrated precision machine part solutions.

We pride ourselves on being a true full-service precision machined parts manufacturer with the machining capacity to support high volume production, we also offer quick-to-market short run production and various contract machining services.



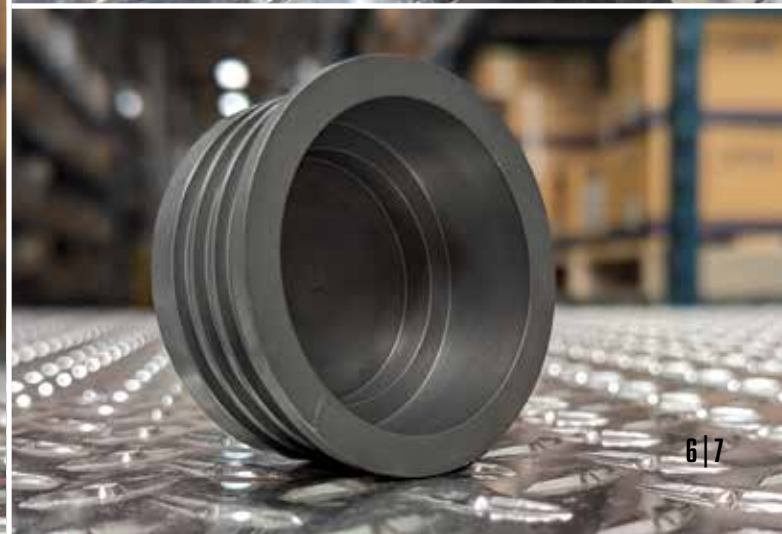


Factory Capabilities

- Product Design and Development
- Produce Raw Castings
- High Precision Machining
- Sample Pre-Launch Program
- Material Analysis
- Metal Tube Cutting and Forming
- Laser Labeling
- Heat Treatment
- Surface Treatment
- Global Warehousing
- 4-Slide Metal Stamping
- Sample Analysis & Material Inspection

Common Products

- Adapters
- Spindles
- Fan Hubs
- Fittings & Connectors
- Knurled & Threaded Inserts
- Pneumatic & Hydraulic Fittings
- Pneumatic Pressure Relief Valves
- Threaded Caps
- Stainless Steel Casting
- Aluminum Casting
- Carbon Steel Casting
- Brass Casting
- Bronze Casting
- Alloy Casting
- Rapid Prototype Casting



Armor Bearing Technology and Protection

Bearing failure accounts for a large majority of industrial mechanical failures. All of our bearings can be produced with our Armor Bearing Technology to reduce bearing friction and substantially increase bearing life - which means less downtime and reduced repair costs. Armor Bearing solutions do not alter the dimensional tolerances of the bearings and benefit applications experiencing high heat temperatures, harsh contamination, and clean environments sensitive to corrosion and chemical wash downs.

Armor Nano Technology

- Reduces metal to metal friction by 99% when both pieces of the metal are treated
- Fuses calcium molecules into the molecular fabric of the metal

Armor Long Lasting Lubrication Technology

- Polymer or Graphite solid lubricant
- Provides constant & consistent lubrication

Armor Coated Protection

- Thermoplastic application that shields the bearing against harsh environments
- Constant release of built-in inhibiting oils coats all surfaces and allows the shaft to rotate



Engineering and Product Quality

We know consistency is key to keeping your production line moving. All bearing series must be consistent in terms of dimensions, materials, grease, performance, etc. If one shipment of bearings is inconsistent with the previous shipment, that could lead to safety problems, equipment breakdowns, increased cost, and unnecessary headaches. To combat manufacturing inconsistencies, we have developed a proprietary product quality management system that provides for continuous improvement, emphasizing defect prevention and the reduction of variation and waste from our processes and throughout the supply chain.

In addition to achieving ISO9001:2000 and TS16949 certification, our factories operate under the 5S methodology and utilize the APQP (Advanced Product Quality Planning) system, which is a structured method of establishing and defining the steps necessary to ensure that product satisfies the customer's requirements.

Engineering Capabilities and Services

- Application Engineering
- Failure Analysis
- Custom Design Engineering
- Bearing Analysis, Load & Life Calculations
- Advanced Design & Testing Methods
- Corrective Action Assessment
- Tool & Gauge Calibration System
- Grease, Oil, Seal Material Analysis
- High/Low Temperature Testing
- CAD Software
- On-Site Assistance
- Metallurgical Analysis
- Noise & Vibration Analysis
- Quality & Inspection Verification



Customer Relationships and Service

We excel in customer relationships and service. It's the secret sauce that can transform a bland interaction into a memorable and positive experience. When we answer your call or email, chances are we're already on a first name basis with you. We know your account inside and out, ordering is easy, we will alert you when inventory on the common part numbers you order are getting low, and sometimes, we just shoot the breeze with you. Collectively, Team RBI has decades of experience working in the bearing industry helping our customers find the right bearing solution for their application.

- Personalized Service
- Create Memorable Customer Experiences
- Omnichannel Customer Support
- Quick Response Time to Messages and Emails
- No Generic Auto Replies to POs Submitted
- Anticipating Customer Needs
- Efficiency and Problem Solving
- Product Knowledge and Expertise





Warehousing

Having a well-organized warehouse is essential for us to manage inventory and to offer our customers an elevated level of service. We have been able to increase efficiency, reduce errors, improve safety, and maximize space by being strategically organized. Over the years we have developed a systematic process for tracking and receiving containers as they arrive. Through our integrated CMS/WMS software, when you place an order, we know how much stock is available and the exact location in our warehouse, allowing us to efficiently pull your order and get it out the door.

- FIFO (First In / First Out) Inventory Program
- Lot Number Tracking System
- Package / Skid Quantity Programs
- Air and Sea Freight Forwarding
- Centrally Located Warehousing
- Special Packaging Requirements
- Custom Packaging / Private Label
- Custom Stocking Programs
- Consignment Programs





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RBI Bearing, Inc.

1539 Hunter Rd. Unit B

Hanover Park, IL 60133

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