

# RBI Bearing

## Armor Bearing Technology & Protection

### Reduce downtime & operation costs with **ARMOR Bearing Technology & Protection.**

Bearing failure accounts for a large majority of industrial mechanical failures. **RBI Bearing** offers bearing technologies & protection to reduce bearing failure and extend the bearing life, which means less downtime and reduced repair costs. RBI's bearings & mounted units are available with any ARMOR Bearing Technology & Protection add-on. Including RBI's Split Pillow Block Housings & Spherical Roller Bearing Solid Block Housed Units.

#### **ARMOR Nano Technology:**

- Reduces friction, heat & downtime
- Significantly extends bearing life
- Does not alter the dimensional tolerances of the bearing
- Increases efficiency & production
- Saves time & operation costs

#### **ARMOR Permanent Lubrication:**

- Polymer solid lubricant
- Constant & consistent lubrication
- Blocks debris & foreign contamination
- Significantly extend bearing life
- Does not drip out of the bearing
- Saves time & operation costs

#### **ARMOR Coated Protection:**

- Bearing Shield or Thermoplastic spray application
- Prevents contamination ingress
- Prevents corrosion of bearing housing
- Constant release of built-in inhibiting oils
- Saves time & operation costs
- An Enviropeel Technology



Don't let bearing failure cause you expensive downtime.  
Call **1-800-708-2128** or email [mbalog@rbibearing.com](mailto:mbalog@rbibearing.com)  
for ARMOR pricing.



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# Schaeffler Group USA Inc.

## Schaeffler in Joplin: 50 Years of Manufacturing Excellence in America's Heartland

Did you know that one of the world's leading technology companies in family ownership manufactures its state-of-the-art products in America's Heartland—Joplin, Missouri? We are that company. We are Schaeffler, and we have been employing generations of Joplin's families for 50 years.

Together with our INA, LuK, FAG and Barden product brands, the Schaeffler Group is one of the world's leading integrated industrial and automotive suppliers. Industry firsts—such as the development of the needle roller & cage assembly, or the groundbreaking ball grinding machine that is regarded as the foundation of the entire rolling bearing industry—have earned Schaeffler a unique distinction among the world's great technology companies.

The Schaeffler Group encompasses a worldwide network of manufacturing plants, R&D facilities and sales companies at approximately 170 locations in over 50 countries. Our product solutions and expert service offerings are designed to improve the reliability and performance of equipment and machinery in virtually every industrial sector, while reducing downtime and overall operating costs.

Schaeffler's Industrial division develops and manufactures a portfolio of over 225,000 products—ranging from rolling and plain bearings to linear and direct drive technology to services such as maintenance products and condition monitoring systems—for approximately 60 different industrial

### Cylindrical Roller Bearing



### Split Spherical Roller Bearing



sectors. Applications for Schaeffler's innovative Industrial products include power transmission solutions, production machines and wind turbines, rail vehicles and agricultural machinery as well as heavy industry equipment.

To that end, Joplin is home to Schaeffler's main manufacturing facility for products supplied to our Industrial customers in the United States and throughout the Americas region. Our Joplin team produces over 1,100 different part numbers—including a broad range of ball bearings as well as cylindrical, spherical (standard & split) and tapered roller bearings—so we doubtlessly make the right product for your application, too!

This year, Schaeffler is celebrating 50 years of manufacturing excellence in Joplin. Why not let us show you how "Made for you by Schaeffler in America's Heartland" can help you grow your business?

# SCHAEFFLER

**FOR MORE INFORMATION**  
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# Napoleon Engineering Services

## NES Bearing Co., Inc.

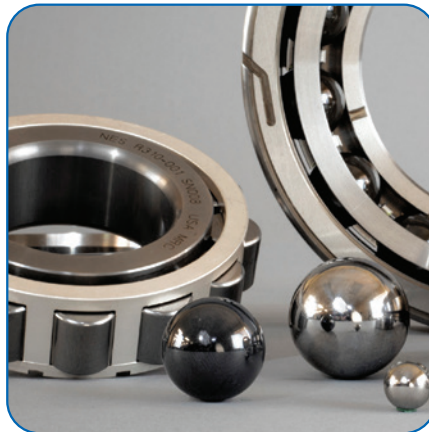
**NES specializes in custom bearing manufacturing.** NES is the largest independent bearing inspection and testing facility in North America. Our goal is to empower you with specialized bearing solutions related to custom bearing manufacturing, inspection and testing.

### Why should NES be your bearing solution?

- Corrosion Resistance
- Temperature Extremes
- Load Extremes
- High Fatigue Life
- High Life Materials
- Cost Effective Solutions
- Bearing Size Range 20–350 mm
- Shorter Lead Times
- Small Production Runs
- High Precision Capabilities
- Advanced Design Technologies
- Over 100 years combined application experience and engineering knowledge
- Made in America

### Custom Bearing Manufacturing

NES's design engineering and manufacturing capabilities provide you with custom bearings without long lead times. Our knowledge and expertise allow us to analyze your application conditions and develop an advanced product that will meet or exceed your needs.



### Custom Ball Bearings:

- Deep groove
- Deep-groove fractured race
- Angular contact
- Two-piece inner ring Gothic arch
- Double-row
- Thrust

### Custom Roller Bearings:

- Needle
- Cylindrical
- Thrust

### Bearing Inspection & Testing

NES is the creator of inspection & testing programs supporting global bearing sourcing & bearing qualification. We have been leading OEMs through the global bearing qualification process for 22 years. We provide technical information through bearing inspection, modeling and testing programs to evaluate bearing design, manufacturing capability, overall quality of workmanship, and the relationship these attributes have to bearing life. No other source has the experience, capacity or capability to expertly service your bearing qualification needs.

### Industries & Applications

- Aerospace
- Defense
- Oil & Gas
- Power Generation
- Marine
- Industrial
- Transportation
- Gear Drives
- Medical
- Food Processing
- Agriculture
- Pumps/Turbines
- Generators
- Off-Highway

### Certifications

- ISO 9001:2015 Certified
- AS9100D Certified
- NADCAP Chemical Processing



### FOR MORE INFORMATION

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# Quality Bearings & Components

## Quality, Performance, and Value

**Quality Bearings & Components (QBC)** specializes in bearings and bearing related products and services.

With quick global sourcing, comprehensive bearing services, customization, and competitive pricing we surpass customer expectations for quality and service.

As an authorized stocking distributor for many of the world's most recognized bearings and linear motion products manufacturers we have access to a wide variety of components, including Thomson's Super Smart Ball Bushing™ Bearings & Pillow Blocks, ball bearings, pressbearings, sleeve bearings, thrust bearings, spherical bearings, rod ends, and much more. Technical information and product specifications are easily found at: [www.qbcbearings.com](http://www.qbcbearings.com).

**QBC** not only supplies bearings, but also the tools to ensure years of service and peak performance. For more than 10 years we have been a BEGA Special Tools distributor. BEGA manufactures a wide range of specialized, high-quality tools for safe and economical solutions for mounting and dismounting of bearings and transmission parts. Select from Fitting Tools, Induction Heaters, Mechanical and Hydraulic Pullers, and Condition and Monitoring Tools.

When it comes to bearings, **QBC** has the products, expert knowledge and specialized services to provide you the best possible solution for your applications. We look forward to working with you!



**FOR MORE INFORMATION**

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# thyssenkrupp rothe erde USA Inc.

## Achieving Greatness Requires Great Work

**rothe erde®** has been manufacturing slewing bearings since 1934.



Day after day, our slewing bearings prove themselves as important construction and connection elements in wind turbines, cranes, excavators, engineering systems, defense systems, CT scanners and tunnel boring machines.

We have been designing and manufacturing the most reliable slewing bearings worldwide.

Today, **thyssenkrupp** rothe erde is specialized in the production of slewing bearings, rolling bearings and seamless rolled rings. Every month more than 7,000 employees transform 15,000 tons of steel into customer-specific solutions. We recognize that achieving greatness and achieving high quality standards requires committed engineering, manufacturing sales and service teams. Call us today for your slewing bearing needs.



**FOR MORE INFORMATION**

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