Great Reasons to Buy Components from PIC Design!

- Complete line of precision gears, timing belts, pulleys, and linear motion systems.
- Over 50 years of experience in high-quality manufacturing.
- Industries served include industrial, aerospace, defense, medical, robotics and automation, material handling, and assembly.
- Custom design support for unique applications.

Put our experience to work on your next design project!
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:

**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.

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

**Tapered Roller Bearings**
- Tyson® case-hardened and through-hardened tapered roller bearings. Available in many sizes. Used in Class 8 heavy truck and trailer wheel bearings, gearboxes, and final drive transmissions.

**Tapered Roller Thrust Bearings**
- Case-hardened, sealed and unsealed for truck, tractor, and construction equipment steer axles, and Class 8 trailer landing gear.

**Integrated Assemblies**
- For robots and other process tool applications. Engineering design assistance. Production volume capacity.

**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.

**Needle Roller Bearings**
- PitchLign® caged heavy duty needle roller bearings, inner rings, TJ TandemRoller® bearings for long life.

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

**Airframe Control Bearings**
- Ball bearing types, self-lubricating types, needle roller track rollers.

**Dowel Pins, Loose Needle Rollers, Shafts**
- Precision Products dowel pins, loose needle rollers, and shafts.

**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.

**Large Ball and Cylindrical Roller Bearings**
- Ball and cylindrical roller bearings up to 60 in. (1.5 m) O.D. Tapered roller and tapered roller thrust bearings up to 36 in. (9.1 m) O.D. Slewing rings up to 169 in. (4.3 m) O.D.

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

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

Visit www.pic-design.com for more information.

© 2009 RBC Bearings Incorporated. All rights reserved.

RBC 9/09