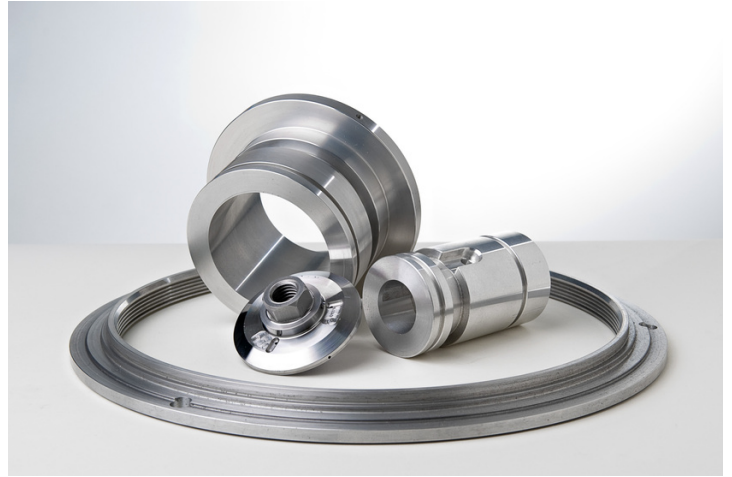




EXCELLENCE IN PRECISION MANUFACTURING SINCE 1919.



WHO WE ARE

Wheeler Bearing Company, Powered by Jenkins, is an ISO 9001-2015 manufacturer of precision sleeve and fluid film bearings, providing precision CNC machining, rebabbiting services, and design assistance. We manufacture components for some of the most complex applications such as large electric motors, generators and turbines, turbos, and compressors. With decades of experience and strict adherence to ISO Certified casting practices, our cast products produce the highest quality babbitt-lined bearings and aluminum alloy bearings, and labyrinth seals.

Metallurgical bonds between bronze, steel, and cast iron shells and babbitt linings that meet stringent ASTM standards are achieved by closely monitoring part preparation, cleaning, casting, and solidification. Nondestructive Testing (NDT) and Ultrasonic Testing (UT) are done in-house.

PRECISION CNC MACHINING · REBABBITTING · DESIGN · ISO 9001-2008 CERTIFIED



INDUSTRIES SERVED

- Electric motor
- Power generation
- Compressor
- Pump and machine tool
- Mining
- Construction
- Aerospace
- Oil and Gas
- Medical
- Military



REMANUFACTURING

- Motor bearings
- Turbine and generator bearings
- Compound tapered land thrust plates
- Fan bearings
- Gearbox bearings
- Pump bushings



FACILITY

- 17,000-square-ft.
- Babbitt & Aluminum Foundry
- 20,000+ OEM Drawings
- Large Inventory
- Lean & Sustainable Manufacturing Practices
- ROHS-Compliant Bearings and Seals from A850.0 Aluminum
- Materials sourced in accordance with Conflict Minerals Guidelines

PRECISION CNC MACHINING

Multi-axis, machine tool technology, and quality control and inspection equipment to hold precision tolerances on bearings, seals, and other components. As a certified ISO 9001:2015 certified facility, we work within tight tolerances across a variety of components manufactured from:

- Lead Bronze Alloys
- Aluminum Bronzes
- Aluminum
- Babbitt Carbon
- Alloy Steels
- And Non-Metallics
- Teflon (PTFE)
- Delrin
- Nylons
- UHMW machining



CENTRIFUGAL CASTING PROCESS

Machining & Casting Services:

- In-house casting of Aluminum & Babbitt Alloys
- Centrifugal & Permanent Mold Capabilities
- Variety of shapes: flange, tapered & cylindrical
- 5-axis milling machines for pattern manufacturing
- Multi-axis turning centers feature touch probing, modular fixturing & large format tables & chucks

Spin casting method can:

- Reduce total cost by up to 40% over sand casting
- Reduce scrap loss due to porosity by controlling part solidification
- Improve the density and other physical properties of the finished part



REPAIR & REBABBITTING

Since 1919, Wheeler Bearing Company has manufactured and repaired industrial babbitt, bronze and aluminum bearings, oil rings, deflectors and labyrinth seals. Our team has extensive experience in rotor dynamics, critical speed mapping, finite element analysis, hydrodynamic and hydrostatic bearing design, and 3D CAD modeling.

- Cylindrical, lobed and tilting-pad journal bearings
- Plain or sleeve bushings and liners
- Thrust bearings, plates, washers
- Precision 5-axis machining, EDM services, complete rebabbitting of bearings and pads
- Industrial & custom engineering

Our secondary processing includes:

- Wire EDM services
- Heat treating and annealing
- Assembly
- Welding



**QUESTIONS ABOUT BEARINGS?
JUST ASK WHEELER.**

P: 843-552-1251

E: sales@wheelerbearing.com

WheelerBearing.com