

WHITE METAL

Mill Bearings

Refurbishment of white metal plain bearings for for crushing, milling and grinding applications.



Alloy Bearings is a team totally focused on plain bearing technology. Our core focus is White Metal Bearings. We bring decades of specialist engineering experience and knowledge to plain bearing issues from diagnosis and reporting on faults, through repair, manufacture, replacement and upgrade solutions. Our global scope allows us to provide our expertise throughout the Asia Pacific region.

Alloy Bearings is dedicated to all our customers by striving to continuously improve the performance, quality, and value of our products and services. Our quality assurance system focuses on the following principles:

- Quality is the responsibility of every employee
- Outstanding workmanship and customer satisfaction is vital
- On time delivery at the agreed upon price
- Specialist Bearing workshop striving for best practice

We provide a wide range of knowledge and there are many factors involved to ensure a completely successful repair of a white metal bearing. These include:

- A strict quality control process - ISO 9001:2008 accreditation, and meeting relevant engineering standards is usual practice giving a security in quality you can rely on
- An extensive knowledge of bearing metallurgical casting techniques
- An extensive knowledge and practical experience of bearing failure modes and prevention
- An extensive knowledge of oil film lubrication (hydrodynamic effects)

To discuss your requirements contact Kerry Tupp or Cameron Stewart on our New Zealand
 Free phone: **0800 423 9423** or
 Australia: **1800 REMETAL** (736 3825)
 Email: kerry.t@alloybearings.com
 Web: www.alloybearings.com

Because our customers expect a refurbished bearing to meet the same exacting standards of a new bearing, the same rigorous techniques and controls are used in refurbishment work as those used in new manufacture.

Bearing failure is serious. Downtime is expensive and speed of response is critical, so when the worst happens you need the services of a company with a proven track record in speed of response and total reliability.

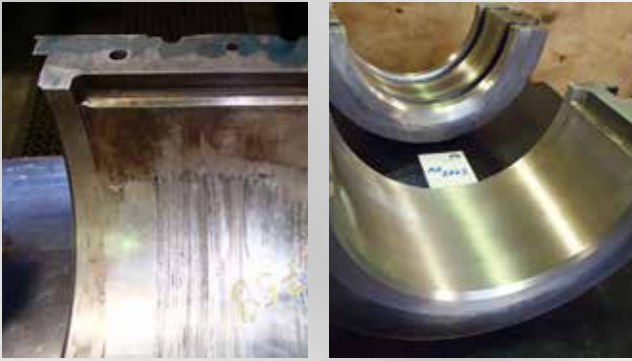
Alloy Bearings has a proven track record for supporting service companies and end users in executing planned and unplanned maintenance outages by working closely with them to provide fast and flexible services.



Mill Trunnion Bearing



6-10 Hood Street • PO Box 161 • Wellsford 0940 • New Zealand
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Mill Motor Bearing - Before Remetal (left) and after (right)



Mill/Trunnion Bearing - Blocked Water Cooling Jacket before (left) and fully cleaned after refurbishment (right)

Remetalling Excellence

In many cases the bearing shell or other components may no longer be available from the original OEM supplier: whether you are in need of a spare or your bearing is damaged beyond repair, Alloy Bearings expertise has you covered.

- Extensive experience in all types of white metal bearings.
- Water jacketed bearings mechanically/chemically cleaned and pressure tested for leaks & to ensure free flow of cooling liquids.
- In house NDT testing - bearings undergo internal Ultrasonic Bond Testing to AS2824 standards.
- Bearings tested by 3rd party NDT testing with certificates supplied.
- Final inspection reports provide traceability
- Manufacturing of custom boxes for long term safety and storage. Protect your assets for the future.

Expert Service and Solutions

We provide our customers with a full and comprehensive service including spare bearing auditing, inspection and reporting, remetalling, machining, manufacturing, replacement and retrofit upgrades.



Refurbished Mill bearings



Bearings packaged and boxed up ready to be dispatched. Alloy Bearings offer a premium service to build quality boxes protecting refurbished bearings in long term storage.

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extending asset life 
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