



Bearings



Bearing Repairs



Lasers



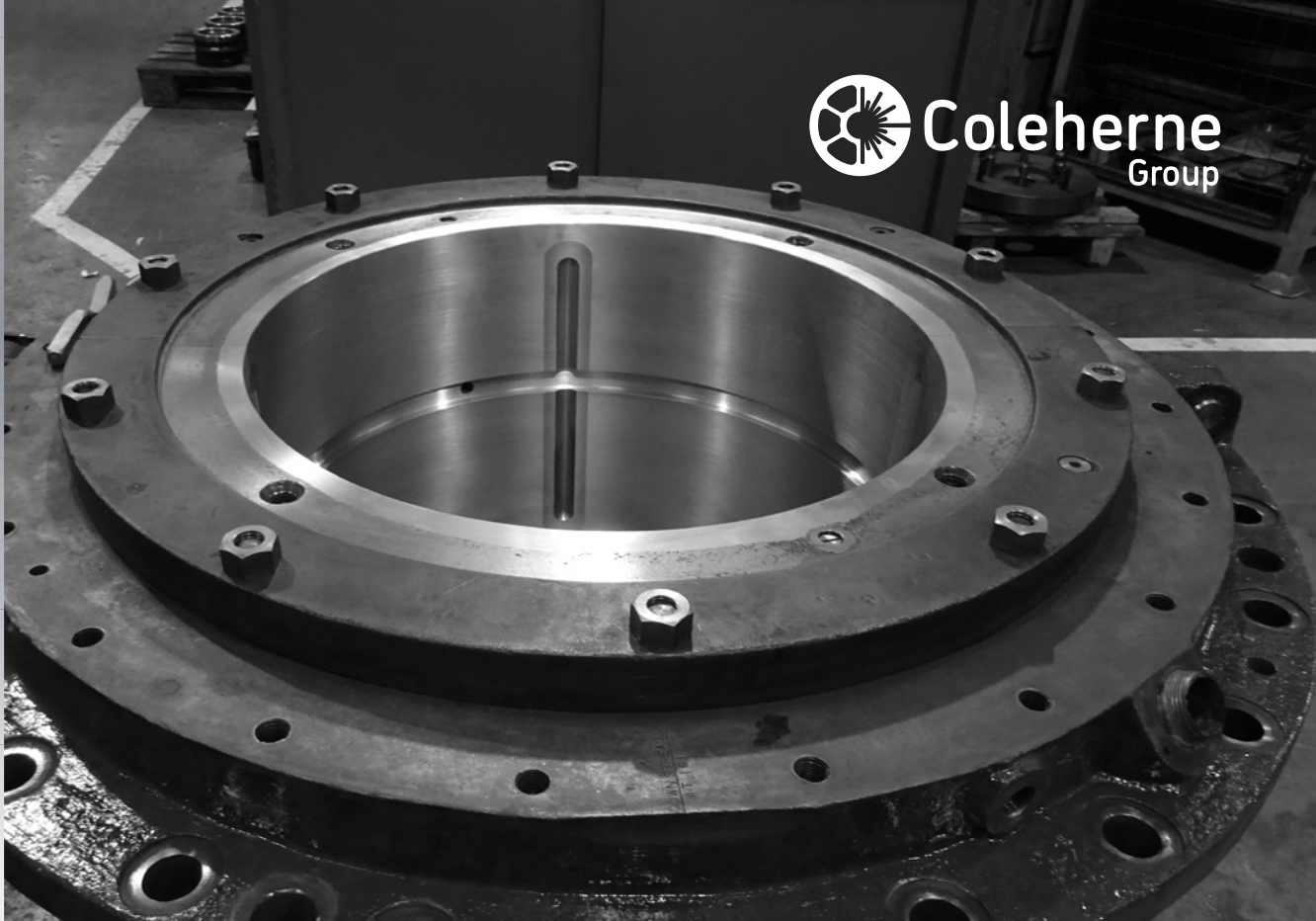
Laminations



Oman



Coleherne
Group



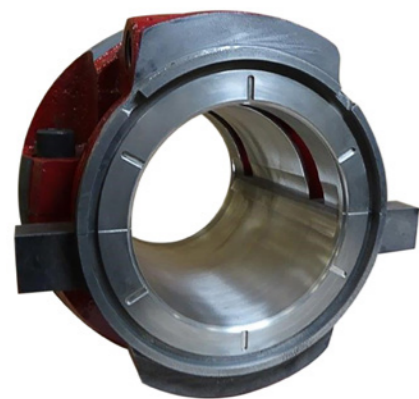
Bearing Repairs

The repair of **White Metal Bearings** to customer's instructions has been a big part of our business for over a hundred years.



Before

After



Bearing Refurbishment
Restored to 'As New' Condition

Bearing Repair Services

We are approved repair and refurbishment contractors to end-users across the range of multi-nationals to development start-ups in the engineering, defence, maritime, oil & gas and electricity supply industries. We can repair almost every type of white metal bearing from large thrust and journal bearings for power generating equipment to small bushes for high-speed compressors.

Refurbishment & Repair

Coleherne's bearing repair experience covers almost every type of journal or thrust bearing. Our designated team of bearing repairers work in their own specialist area alongside our bearing manufacturing workshop.

Almost every type of white metal bearing, associated components and even whole bearing assemblies can be repaired.

Coleherne offers a full inspection on receipt procedure and bearing failure assessment.

On approval of our repair quotation, we will conduct a full bearing refurbishment, final inspection and NDT process within our white metal bearing repair facility.

Quality Assurance

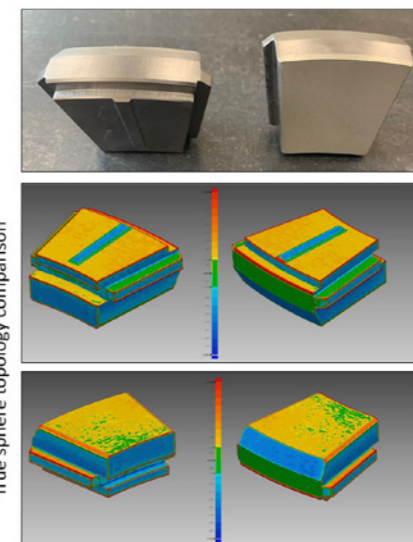
We use the same metallurgy and machining processes, non-destructive testing and dimensional criteria are applied to repaired and new bearings.

Reverse/Re-Engineering of Bearings

Coleherne use 3D laser scanning for reverse engineering of parts for which no drawing is available. Using the Creaform non-contact measuring system, our technical staff digitally scan and capture data to determine the exact shape of parts presented to us. Our engineers can then assess and confirm the critical bearing bores, fit diameters, fit lengths etc in order to produce a manufacturing drawing.

When bearing performance needs to be improved, our engineers can investigate the bearing system and using our bearing analysis software, propose new or improved bearing designs or clearances to end-users.

Coleherne draws on over a 100 years of engineering experience to provide a complete refurbishment and remanufacturing service for white metal bearings.



Optimisation of design
with computer modelling



Creaform Non-Contact
Measuring System



www.coleherne.co.uk/sectors/white-metal-services

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