





# White Metal Bearings



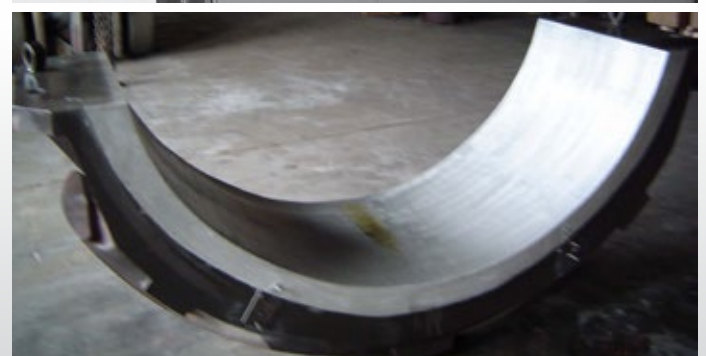
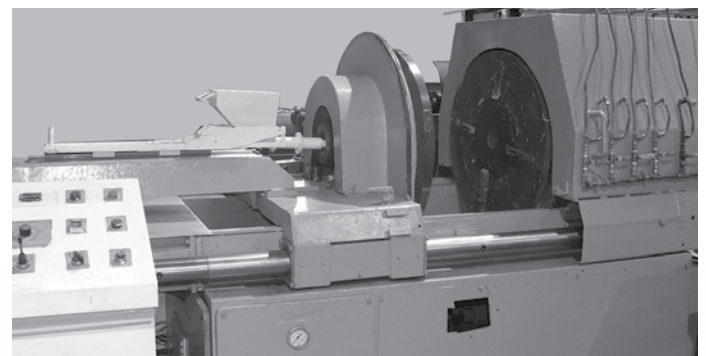
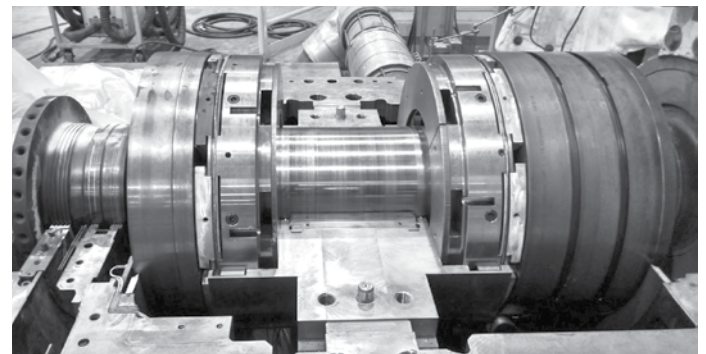
dmi dubai



 **Manufacture**  **Repair**  **Re-engineer**  **Seal Manufacture & Repair**

## Bearing Types Serviced

- ▶ Journal Bearings (Plain and Multi-lobe)
- ▶ Tilt Pad Journal Bearings
- ▶ Thrust Bearings
- ▶ Tilt Pad Thrust Bearings
- ▶ Self-leveling Thrust Bearings
- ▶ Pedestal Bearings
- ▶ Trunnion Bearings
- ▶ Slide Shoe Bearings
- ▶ Stern Tube Bearings



## Centrifugal Casting

- ▶ Equipped with a machine designed specifically for centrifugal casting of white metal
- ▶ Casting capacity: Ø 800 mm x 1200 mm long
- ▶ Quality and reliability are never compromised as this process is combined with a robust workflow that involves grit blasting and submerged tinning

## Repair Services

- ▶ All types of white metal lined bearings can be repaired
- ▶ Comprehensive inspection reports are provided
- ▶ Re-metaling by centrifugal casting, gravity casting or TIG overlay
- ▶ NDT inspection acceptance criteria as per ISO 4386 standard
- ▶ Reliable quality control and quality assurance

## Re-engineering and Bearing Design

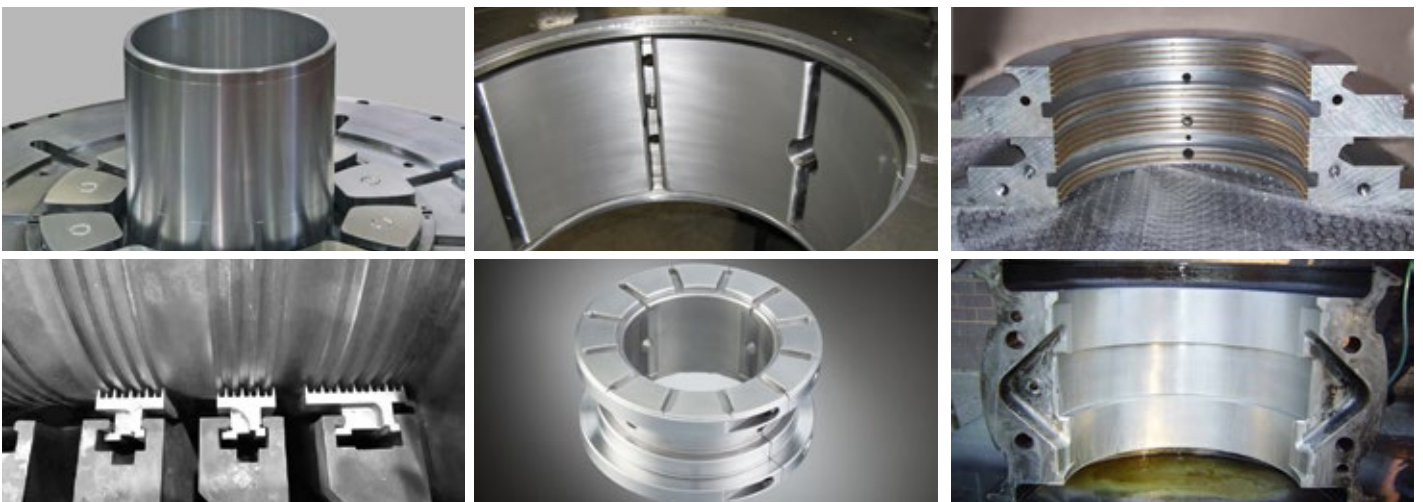
- ▶ Bearings are re-engineered to overcome high cost, long lead time or unavailability of spare parts
- ▶ Manufacturing drawings are generated from bearing samples
- ▶ In depth knowledge of bearing applications and lubrication systems
- ▶ Understanding of oil film thickness and bearing clearance requirements

## Manufacturing Services

- ▶ All types of white metal lined bearings can be manufactured
- ▶ Complete turnkey solution can be provided - from engineering till finished product
- ▶ CNC and EDM machines are used for the manufacturing of bearings
- ▶ Committed to quick turnaround and high product quality

## Seal Manufacture and Repairing

- ▶ Re-engineering and designing of Seals and Deflectors
- ▶ Manufacturing and repairing of Labyrinth Seals and Oil Deflectors
- ▶ Manufacturing and replacement of blades in Oil Deflectors



to engineer



(authorized repair agent for UE diesel engines)



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