



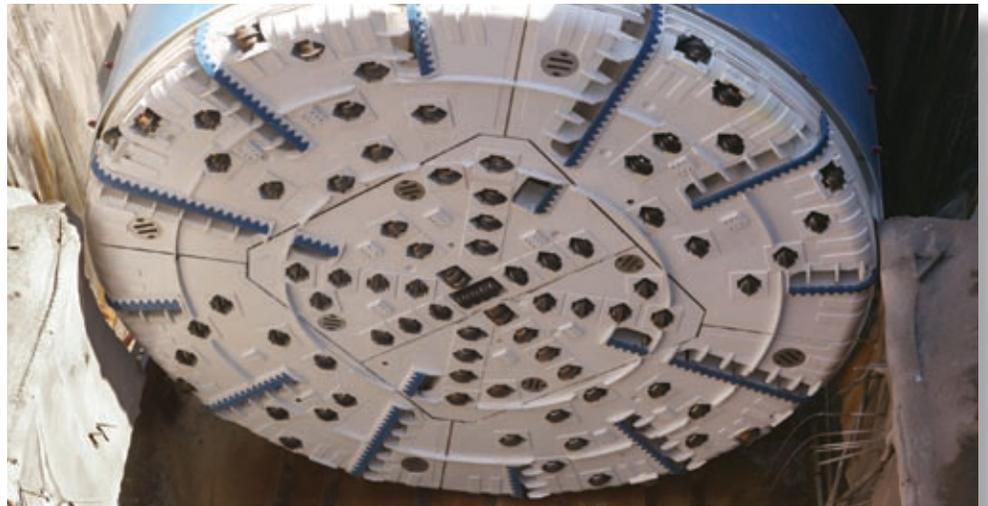
TURNING IDEAS INTO  
ENGINEERED SOLUTIONS

# Aftermarket Bearings for Tunnel Boring Machines

Slewing ring bearings in a tunnel boring machine are subject to tremendous wear and abuse, and most need replacing regularly. But frequent purchases of OEM bearings at OEM prices put a strain on any operating budget. Now Kaydon offers you two ways to save money without compromising performance — by manufacturing new replacement bearings, or remanufacturing your worn bearings. Both methods result in top-quality slewing rings that meet your performance requirements at substantial savings.

## New Replacement

Kaydon Corporation Bearings Division can make a replacement for any slewing ring bearing, regardless of OEM. We have a comprehensive reverse-engineering capability and three manufacturing plants, all certified for ISO 9001:2000. Every project begins with a thorough inspection and NDT evaluation of the

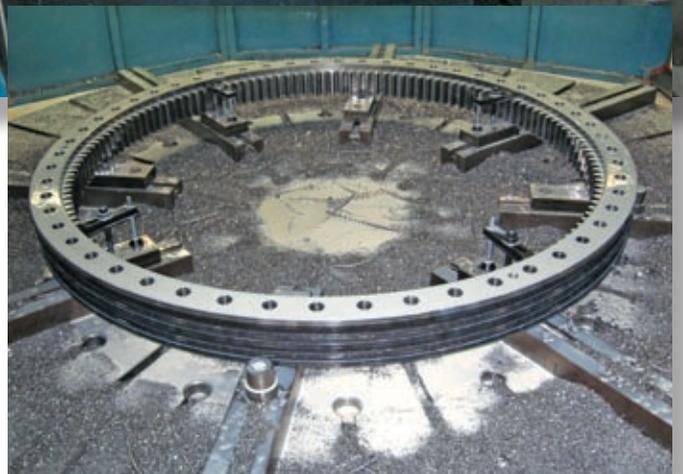


customer's slewing ring. The part then undergoes engineering evaluation, which often yields design improvements that will not affect interchangeability.

## Remanufactured

Remanufacturing is not a sideline for Kaydon, but a dedicated program with its own personnel, equipment and inventory. All remanufactured bearings come with a warranty equal to a new bearing. Highlights include:

- free inspection and no-obligation evaluation
- multi-step inspection and NDT
- engineering review and recommendations
- raceways precision-ground to proper geometry and load capacity
- new rolling elements
- replace separators and lubricant



Kaydon Corporation Bearings Division is a leading global producer of bearings for tunnel boring machines and many other applications, both OEM and aftermarket. Our capabilities include:

- slewing ring bearings up to 6.1m for main cutterhead, segment erector and screw conveyor positions
- bearings to meet all specs and budgets — standard, custom, new replacement, and remanufactured
- complete range — 3-row roller, angular contact ball, 4-point contact ball, X-roller, and multi-row roller bearings
- integral, induction-hardened gearing on inner races or outer races
- ISO 9001:2000 certified plants, strategically located in Ohio, South Carolina and Mexico



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