



TURNING IDEAS INTO
ENGINEERED SOLUTIONS

Slewing Ring Bearings for Tunnel Boring Machines

Providing tunnel boring machine manufacturers with rugged, precision slewing ring bearings — engineered to their demanding specifications and delivered on time — is a challenge nearly as big as the bearings themselves. At Kaydon Corporation Bearings Division, we've been meeting such challenges for nearly 70 years.

Our experienced engineers specialize in custom designs for hard-rock or soft-rock machines, from main cutterheads and segment erectors to screw conveyors. All designs combine performance and technical efficiency with cost-effectiveness, and are proven with static and dynamic evaluation.

The Kaydon commitment to excellence continues through the manufacturing process, with precision

machining in our ISO 9001:2000-certified facilities. Races are made from seamless rolled ring, bearing-quality steel, and gears can be cut into the inner or outer race and hardened to resist wear.

Special sealing and lubrication arrangements are available to further enhance bearing life. We even design the metallic cage separators for the rolling elements to suit each application.

Ask any Kaydon customer: no one is more committed to quality or customer satisfaction. For more information, or to request a quotation, call 1-800-286-6274, or send an email to reman@kaydon.com.





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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