



ROLL NECK BEARINGS FOR ROLLING MILLS

Steel production requires bearings that can withstand the toughest of operating conditions. NTN's 4-row tapered roller bearings are designed specifically to offer outstanding performance in the most demanding rolling mill applications.

Extensive OE and Service Experience

NTN has decades of experience as a trusted supplier to steel mill facilities at both the OE and service levels. NTN produces roll neck bearings in both the United States and Japan, and has supplied to both equipment manufacturers and mills worldwide. The uncompromising quality of our 4-row tapered roller bearings will help ensure your mill keeps rolling.

Wide Range of Available Sizes

NTN produces a wide range of roll neck bearing sizes in the US and Japan to meet your rolling mill needs. NTN also offers roll neck bearings with RustGuard and EA Surface Treatment for more demanding applications.

Please contact your local NTN representative for pricing and availability.

Features & Benefits

- Supports both radial and axial loads
- Several bearings available sealed
- Rolls and bearing boxes can be designed in compact configurations, due to no requirement for thrust bearings
- Mounting or dismounting of bearings from rolls is easy as the inner rings can be used with loose fit
- For your more demanding applications, EA™ Surface Treatment and RustGuard™ corrosion resistance are available to help ensure longer operating life

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RustGuard™

FEATURES:

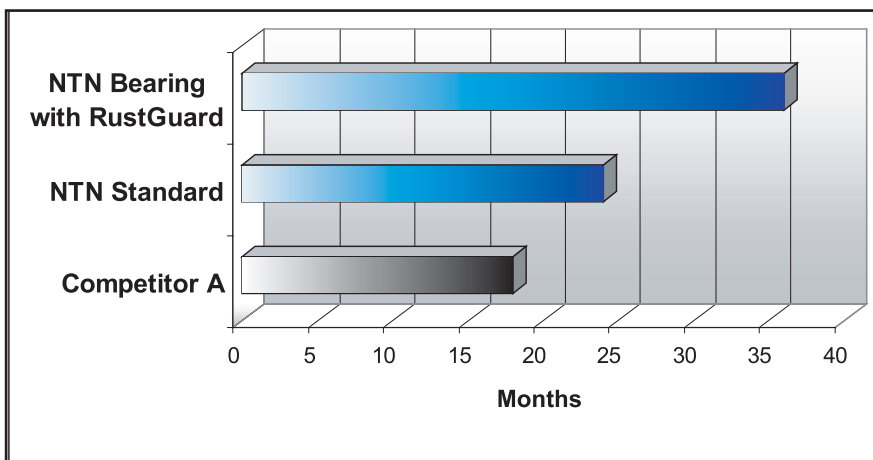
- Surfaces of bearing rings and rolling elements are treated with special manganese phosphate.
- Downtime-induced rust is controlled.
- Ideal for steel mill applications.

EA™ Surface Treatment

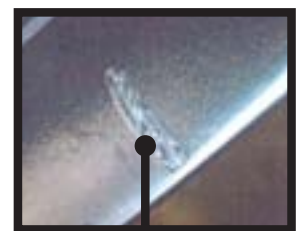
FEATURES: Comparison With Standard Carburized Bearings

- **5** times longer life under contaminated lubrication
- **2** times longer life under clean lubrication
- Peeling strength improved by a factor of **3**
- Wear strength improved by a factor of **2**

Bearing Life Comparison With RustGuard™



RUST



FLAKING