



Thermally Stabilized (TS Series)

Bearings

A heat treatment with elevated tempering temperatures enhances dimensional stability and hardness retention under high-temperature conditions. This process refines the microstructure, reducing residual stresses and improving thermal stability.

Features

- Enhanced dimensional stability
- Improved hardness retention
- Reduced residual stresses
- 🗹 Thermal fatigue resistance

Benefits

- Reduces deformation and ensures precision under high-temperature conditions.
- Maintains mechanical strength at elevated temperatures.
- Minimizes internal stresses for better performance and longevity
- Increases durability in cyclic high temperature environments

Application

- Automotive
- Market Industrial
- 🗹 Railways



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Ball & Roller Bearings



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