



# 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
- ✓ Industrial
- ✓ Railways

## Ball & Roller Bearings



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