

Tapered Roller Bearing

Tapered roller bearings accommodate both axial and radial forces, making them suitable for heavy-duty applications. Their design ensures true rolling motion, and they are often used in vehicle wheel bearings, gearboxes, and transmissions.



ADDITIONAL IMAGES



Product Overview

High-Performance Tapered Roller Bearings

Tapered roller bearings are advanced rolling element components engineered to manage both substantial radial and axial loads simultaneously. Featuring a precision geometry where rollers and raceways converge at a common axis point, these bearings provide superior durability for demanding industrial environments. Their separable design ensures simplified installation and maintenance, making them an ideal solution for heavy-duty automotive, gearbox, and transmission systems.

Technical Specifications

Key Design Elements

- Separable components for easy maintenance
- True rolling motion geometry
- Axial capacity scales with raceway angle
- Rib-guided roller alignment

Load Handling

Radial Load, Axial Load, Combined Load

Application Areas

Typical Applications

Automotive Axles • Gearboxes • Transmissions • Rolling Mills • Industrial Pumps

Operational Suitability

1 Moderate
Speed Rating

1 High
Durability