Tapered Roller Bearing

Tapered roller bearings are designed to handle combined radial and axial loads simultaneously. These bearings are used in automotive axles, gearboxes, and heavy machinery for reliable performance under demanding conditions.

ADDITIONAL IMAGES

Product Overview

High-Performance Tapered Roller Bearings

Tapered roller bearings are precision-engineered to accommodate combined radial and axial loads simultaneously. Designed with matching contact angles between the cup, cone, and rollers, these bearings ensure smooth operation even under heavy-duty conditions. They are essential components for high-stress applications such as automotive axles, gearboxes, and industrial heavy machinery.

Technical Specifications

Structural Design

- Matched contact angles for cup, cone, and rollers
- Minimized sliding friction during rotation
- Durable construction for demanding operating environments

Load Capability	Radial Load, Axial Load, Combined Load

Application Areas

Primary Applications

Automotive Axles • Gearboxes • Heavy Machinery