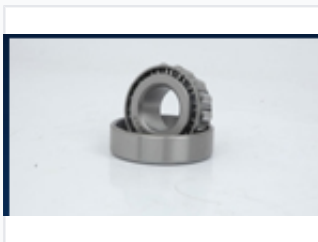


Tapered Roller Bearing

Tapered roller bearings are designed to handle combined loads, excelling in high radial and axial force applications. Their tapered geometry allows efficient operation in automotive axles, gearboxes, and heavy machinery.



ADDITIONAL IMAGES



Product Overview

High-Performance Tapered Roller Bearing

Tapered roller bearings are precision-engineered components designed to handle high radial and axial combined loads. They consist of four interdependent parts: the cone (inner ring), the cup (outer ring), the tapered rollers, and the cage, ensuring optimal alignment. These bearings provide exceptional durability and high load-carrying capacity, making them ideal for heavy-duty applications like automotive axles, gearboxes, and industrial machinery.

Technical Specifications

Supported Load Types

- High Radial Loads
- Axial (Thrust) Loads

Typical Use Cases

- Automotive Axles
- Gearboxes
- Heavy Machinery

Design Components

Cone, Cup, Tapered Rollers, Cage