

# Tapered Roller Bearing

These tapered roller bearings are designed to handle combined loads. They feature precision-engineered rollers and raceways to reduce friction.



## Product Overview

### High-Performance Tapered Roller Bearings

These tapered roller bearings are engineered to handle combined axial and radial loads simultaneously, making them ideal for demanding industrial environments. Featuring a robust cup and cone assembly, the design ensures easy installation and simplified maintenance procedures. Precision-engineered rollers and raceways work together to minimize friction, which enhances energy efficiency and extends the overall service life of your machinery.

## Design Features

### Load Support

Axial Loads • Radial Loads • Combined Loads

### Assembly Components

- Cup (Outer Ring)
- Cone (Inner Ring)
- Tapered Rollers

## Performance Metrics

### Performance Benefits

**0 Efficiency**

Low Friction

**0 Robust**

High Durability

### Operational Advantages

Reduced Wear, Energy Efficient, Low Operating Temperature, Smooth Operation

## Applications

### Typical Applications

- Automotive Axles
- Industrial Gearboxes
- Heavy-duty Machinery