

# Tapered Roller Bearing for Combined Loads

Tapered roller bearings are designed for combined radial and axial loads. Their rollers and raceways minimize friction, ensuring smooth operation in automotive axles and heavy machinery.



## ADDITIONAL IMAGES



## Product Overview

### High-Precision Tapered Roller Bearings

Tapered roller bearings are precision-engineered to accommodate simultaneously acting radial and axial loads. Featuring a separable cup and cone design, these bearings utilize conically arranged rollers to ensure true rolling action and minimized friction. They are essential components for high-load applications such as vehicle axles, gearboxes, and heavy-duty machinery.

## Technical Specifications

### Available Configurations

- Single-row
- Double-row
- Four-row

### Bearing Type

Radial thrust tapered roller

### Load Handling

Combined Radial Loads, Combined Axial Loads

## Design Features

### Components

- Inner ring (cone)
- Outer ring (cup)
- Tapered rollers
- Retaining cage

### Adjustable Clearances

Yes

## Applications

### Industry Usage

Automotive • Industrial Machinery • Aerospace • Machine Tools