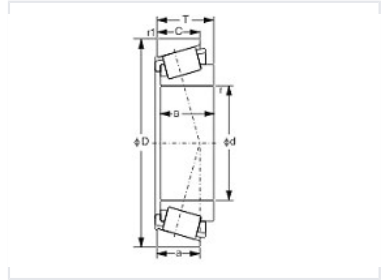


# Tapered Roller Bearing for Radial and Axial Loads

This tapered roller bearing is designed for managing both radial and axial loads. Its tapered rollers and raceways facilitate efficient load distribution and ensure smooth operation.



## Product Overview

### High-Performance Tapered Roller Bearing

This tapered roller bearing is engineered to effectively manage both radial and axial loads simultaneously. Featuring precisely tapered rollers and raceways, it ensures optimal load distribution and smooth, reliable operation in demanding environments. It is an ideal solution for heavy-duty applications such as automotive axles, gearboxes, and industrial machinery where durability and high load capacity are critical requirements.

## Design and Dimensions

### Dimensional Parameters

Parameter	Description
d	Inner Diameter
D	Outer Diameter
B	Inner Ring Width
C	Outer Ring Width
T	Total Width
r, r1	Fillet Radii

### Design Features

Tapered Rollers, Radial Load Support, Axial Load Support, High Load Capacity

## Applications

### Typical Applications

- Automotive Axles
- Gearboxes
- Heavy Machinery