

Taper Roller Bearing

This high-precision taper roller bearing is designed for demanding applications. It provides reliable support for both radial and axial loads.



Product Overview

High-Precision Taper Roller Bearing

This 32005 taper roller bearing is engineered for demanding industrial environments where high load capacity and long-term durability are critical. With its hardened steel construction and optimized internal roller geometry, it ensures smooth operation and reliable support for both radial and axial loads. Designed for versatility, this component is ideal for integration into automotive, heavy machinery, and general industrial equipment.

Dimensions and Mass

Physical Specifications

Parameter	Value	Unit
Inner Diameter (d)	25	mm
Outer Diameter (D)	47	mm
Width (B)	15	mm
Cone Width (C)	11.5	mm
Total Width (T)	15	mm
Mass	0.11	Kg

Performance Metrics

Featured Load Ratings

28 KN

Dynamic Load Rating

34.1 KN

Static Load Rating

Limiting Speeds

- Oil Lubrication: 11000 r.p.m
- Grease Lubrication: 8000 r.p.m

Technical Features

Applications

Automotive, Industrial Machinery, Heavy Duty Equipment