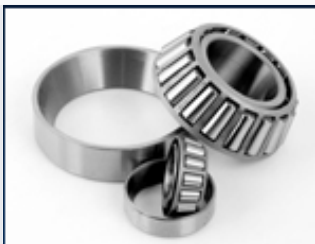


Tapered Roller Bearing

Tapered roller bearings are engineered to manage combined loads, particularly high radial and axial forces. The design includes four key components: a cone, cup, tapered rollers, and a cage.



ADDITIONAL IMAGES



Product Overview

High-Performance Load Management

Tapered roller bearings are precision-engineered to accommodate combined radial and axial loads efficiently. Their design utilizes a four-component system consisting of a cone, cup, tapered rollers, and a cage to ensure durability and high load-carrying capacity. These bearings are ideal for demanding industrial applications, including automotive axles, gearboxes, and heavy machinery, offering adjustable clearance for optimized performance.

Technical Specifications

Key Components

- Cone (inner ring)
- Cup (outer ring)
- Tapered rollers
- Cage (roller retainer)

Load Capability	Radial Load, Axial Load, Combined Load
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Material	Hardened steel
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Performance Features

Performance Benefits

- High load-carrying capacity
- Low friction operation
- Adjustable preload and clearance
- Extended service life

Adjustability	Yes
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