Tapered Roller Bearing for Combined Loads

Tapered roller bearings are designed for combined radial and axial loads. Their raceway axes meet at a common point, ensuring true rolling motion and low friction.

Product Overview

Designed for Combined Loads

These tapered roller bearings are specifically engineered to accommodate simultaneously acting radial and axial loads. By aligning the raceway axes at a common point on the bearing axis, they ensure true rolling motion and minimal friction. Their axial load carrying capacity is directly tied to the contact angle, allowing for high performance in demanding applications.

Technical Specifications

Friction Profile
Low Friction

Contact Angle Range	10° to 30°
Load Handling	Combined Radial Loads, Combined Axial Loads

Performance Metrics

Axial Load Efficiency

30 degrees
Max Contact Angle