

Thrust Ball Bearing for Axial Loads

Thrust ball bearings are designed to support axial loads efficiently. These bearings consist of hardened steel washers with grooves for ball movement and a cage to retain the balls.



Product Overview

Professional Axial Load Management

Thrust ball bearings are precision-engineered to provide robust support for significant axial loads. Comprised of two hardened steel washers and a ball-retaining cage, these components ensure smooth operation and reduced friction. They are the ideal choice for industrial equipment, machine tools, and automotive transmissions operating at low to moderate speeds.

Design and Construction

Design Components

- Hardened steel washers (races)
- Integrated ball-spacing cage
- Grooved race tracks
- Optimized for axial thrust

Application Data

Industrial Applications

Automotive Transmissions, Machine Tools, General Industrial Equipment

Performance Characteristics

Operating Speed

Low Speed • Moderate Speed