

# Axial Thrust Ball Bearing Set

These separable bearings are designed to exclusively handle axial loads. Single direction bearings can only carry axial load in one direction and require preloading before use.



## Product Overview

### Thrust Ball Bearings Performance

These thrust ball bearings are engineered as separable units specifically designed to manage axial loads effectively. By supporting forces in either direction, they provide essential stability for high-thrust applications. They are robustly built to ensure smooth operation in industrial environments, requiring precise preloading for optimal performance.

## Technical Specifications

### Design Features

- Separable components
- Two washers with raceways
- Ball complement separated by a cage
- Requires preloading before operation

### Load Direction

Axial Load Only

## Applications

### Common Applications

- Lathe centers
- Automobile clutches
- Reducers
- Machine tool spindles (Double direction)
- Ball screw support (Single direction)

### Speed Suitability

Low-speed applications