

# Needle Thrust Bearing

This high-precision needle thrust bearing is designed for demanding applications. It is engineered for smooth operation, minimizes friction, and ensures optimal performance in rotating machinery.



## ADDITIONAL IMAGES



## Product Overview

### High-Precision Needle Thrust Bearing

This high-precision needle thrust bearing is engineered for demanding applications that require high axial load capacity within a compact space. Featuring a robust construction with hardened steel washers and precision-ground needle rollers, it ensures smooth, efficient operation and minimal friction. Designed for reliability in rotating machinery, this bearing is an ideal solution for gearboxes, machine tools, and various automotive or industrial applications where significant axial loads are present.

## Technical Specifications

### Load Capacity

High Axial Load • Thrust Support

### Bearing Type

Needle Thrust Bearing

### Construction Materials

Hardened Steel Washers, Precision-Ground Rollers

## Application Suitability

### Typical Applications

- Gearboxes
- Machine Tools
- Automotive Systems
- Rotating Industrial Machinery

## Performance Metrics

### Key Performance Indicators

**1 Minimal**

Friction Level

**100 High**

Operational Efficiency