

# Needle Roller Bearing

Needle roller bearings use cylindrical rollers for efficient operation. These bearings have a high load-carrying capacity and compact size, making them suitable for applications where space is limited.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Needle Roller Bearings

Needle roller bearings are precision-engineered components designed to support radial or thrust loads depending on the application requirements. These bearings feature a compact radial section, making them ideal for environments where space is limited, such as automotive transmissions, engines, and industrial gearboxes. Constructed for durability and efficiency, they offer high load-carrying capacity and reduced friction to ensure smooth, long-lasting operation in demanding industrial machinery.

## Technical Specifications

### Available Configurations

- Radial Bearings
- Thrust Bearings
- Drawn Cup Bearings
- Solid Radial Bearings
- Cam Followers
- Roller Followers

### Construction Material

Hardened Steel

## Performance Features

### Key Advantages

High Load Capacity • Compact Design • Low Friction • Wear Resistant • Smooth Operation

### Common Applications

Automotive Transmissions, Industrial Engines, Power Transmission, Material Handling, Gearboxes

## Product Models

### Reference Models

#### Series

HK1416, HK1418, HK1512, HK1514, HK1515, HK1516, HK1518, HK1520, HK1522

HK1610, HK1612, HK1614, HK1616, HK1617, HK1620, HK1622

HK1712, HK1714, HK1716, HK1718, HK1720, HK1722

HK1812, HK1816

HK2010, HK2011, HK2012, HK2014, HK2016, HK2018, HK2020, HK2025, HK2030

BK1512, BK1515, BK1516, BK1612, BK1616, BK1622, BK1712, BK1716, BK1812, BK1816, BK2010, BK2012, BK2016, BK2020, BK2030