

## Tapered Roller Bearings

Tapered Roller Bearings can dramatically improve machine life, through a significant increase in dynamic load rating compared to standard deep groove ball bearings. Advanced materials technologies and analysis make it possible to produce this metric and imperial bearings in a variety of Super Tough materials.

### Product Features

- Metric and imperial dimensions
- Patented NSK HR taper roller bearings with higher load rating
- NSK cage optimized for large taper roller bearings installed in planetary carriers
- Steel cage
- Segmented plastic cage for inner diameters of more than 1000 mm
- Outer diameters up to 2500 mm

### Benefits

- High radial and axial loads in one direction
- Axial loads in both directions when arranged in pairs
- Medium speeds
- Small clearance range when bearing pairs are adjusted during mounting
- Higher permissible speeds with improved raceway surface roughness

### Condition Description

- High Load
- High Speed
- Lubrication

### Industries

- Paper
- Power Generation
- Power Transmission
- Quarrying, Mining and Construction



HR	302	10	J
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#### Description

HR	High Capacity Design
302	Bearing Series
10	Bore Diameter Code
J	ISO Class