

# Deep Groove Ball Bearing

These deep groove ball bearings are designed for diverse industrial applications. The bearings ensure smooth operation and extended service life under radial and axial loads.



## Product Overview

### High-Performance Deep Groove Ball Bearings

These deep groove ball bearings are engineered for high precision, low noise operation, and extended service life. Manufactured from high-quality bearing steel, they are suitable for demanding applications across machine tools, automotive, and construction machinery. With a wide range of bore diameters and precision levels available, these bearings offer reliable performance under radial and axial loads.

## Technical Specifications

### Retainer Materials

- Cooper
- Nylon
- Bakelite
- Stainless Steel

<b>Bore Diameter Range</b>	1mm - 1800mm
<b>Precision Levels</b>	P4, P5, P6, P0, ABEC7, ABEC5, ABEC3, ABEC1
<b>Material Composition</b>	GCr15, SiMn

## Quality & Standards

### Quality Certifications

ISO9000

## Application & Features

### Key Features

- Low noise operation
- Long service life
- High precision engineering

### Common Applications

- Machine tools
- Electrical equipment
- Railways
- Automotive
- Construction machinery

## Product Range

### Available Bearing Categories

Category
Deep groove ball bearing
Angular contact ball bearing
Four point contact ball bearing
Self-aligning ball bearing
Thrust ball bearing
Cylindrical roller bearing
Tapered roller bearing
Spherical roller bearing