

# 6304 Deep Groove Ball Bearing

This deep groove ball bearing features hardened steel races and precision-ground balls. It is designed for reliable load support, efficient power transmission, and smooth operation.



## Product Overview

### High-Performance Deep Groove Ball Bearing

This 6304 deep groove ball bearing is engineered for reliability and high-precision performance across diverse industrial applications. Built with high-quality bearing steel, it features low noise operation and an extended service life, making it suitable for demanding environments. Designed to handle significant loads with minimal friction, this component is an essential part for machinery, automotive, and railway systems.

## 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</b>	GCr15, SiMn

## Features & Quality

### Quality Standards

ISO9000

### Key Features

- Low noise
- Long life
- High precision

## Applications

### Suitable Industries

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

## Logistics & Packaging

Standard Packaging

Plastic bag + single box + carton + pallet