

# Zirconia Ceramic Thrust Ball Bearing

This thrust ball bearing features ceramic balls for reduced weight and increased hardness. It is designed for demanding applications requiring low friction, high-speed operation, and resistance to corrosion.



## Product Overview

### High-Precision Zirconia Ceramic Thrust Ball Bearing

This high-precision ceramic thrust ball bearing is engineered for demanding industrial applications that require low friction and high-speed operation. Utilizing advanced ceramic ball technology, it offers reduced weight, superior hardness, and exceptional resistance to corrosion compared to traditional steel bearings. These bearings are designed to provide a long service life with minimal maintenance, making them an ideal choice for environments with limited lubrication or extreme temperature fluctuations.

## Technical Specifications

Material Composition	Zirconia Ceramic
Bearing Type	Thrust Ball Bearing

## Performance Features

### Maintenance Profile

Low Maintenance • Limited Lubrication Compatible

### Key Benefits

Low Friction, High-Speed Capability, Corrosion Resistant, Lightweight, High Hardness

## Operating Conditions

### Environmental Suitability

- High-speed environments
- Corrosive environments
- Extreme temperatures
- Limited lubrication scenarios