

# Four Point Angular Contact Ball Bearing

This four-point angular contact ball bearing is designed to accommodate axial loads in both directions, as well as radial loads. The inner ring is typically split, allowing for a larger number of balls and increased load capacity.



## Product Overview

### Four-Point Angular Contact Ball Bearing

This four-point angular contact ball bearing is engineered to accommodate axial loads in both directions, as well as radial loads, making it highly versatile for demanding industrial applications. The design features a split inner ring, which allows for a larger number of balls and significantly increased load capacity compared to standard bearings. Ideal for high-precision environments like robotics and machine tools, this bearing offers excellent stiffness, reduced friction, and the capability to handle complex combined and moment loads.

## Dimensions

Inner Diameter (di)	171 mm
Outer Diameter (Da)	318.6 mm
Width (b)	35 mm
Inner Ring (Di)	234 mm
Inner Ring ZT (Di ZT)	236 mm

## Technical Features

### Common Applications

- Machine tools
- Robotics
- Precision equipment

### Design Features

Four-point contact, Split inner ring, High precision, High speed, Combined load capacity