

# Gearwheel and Bearing Assembly

This product features a precision-engineered gearwheel integrated with a bearing, designed for applications requiring efficient power transmission and smooth rotational movement. The bearing is centrally located, ensuring optimal load distribution and reduced friction.



## Product Overview

### Precision Gearwheel and Bearing Assembly

This assembly features a precision-engineered gearwheel integrated with a central bearing, designed for applications requiring efficient power transmission and smooth rotational movement. The gearwheel exhibits a fine-toothed profile, making it suitable for high-precision or high-speed operations. Built with high-strength materials, this component ensures durability, reduced friction, and optimal load distribution for demanding mechanical systems.

## Technical Features

### Suitable Applications

- Robotics
- Automation systems
- Precision machinery

### Performance Benefits

Reduced friction • Optimal load distribution • Wear resistance

### Design Characteristics

Fine-toothed profile, Integrated bearing, High-strength material, Precision-engineered