

# Steel Alloy Gear with Hardened Teeth

This precision-engineered gear is made from high-grade steel alloy. It features hardened teeth for increased wear resistance and an extended lifespan.



## ADDITIONAL IMAGES



## Product Overview

### Precision-Engineered Steel Alloy Gear

This high-grade steel alloy gear is designed for optimal power transmission and robust mechanical performance. Featuring hardened teeth for increased wear resistance and extended service life, it ensures reliable torque transfer and efficient rotational motion. The precision-machined tooth profile and smooth surface finish make it an ideal component for demanding automotive and industrial mechanical systems.

## Technical Specifications

Material	High-strength steel alloy
Surface Hardening	Yes
Gear Characteristics	Hardened Teeth, Precision Machined, Wear Resistant, Helical Design

## Performance Metrics

### Operational Benefits

- Reduced friction
- Smooth and quiet operation
- Minimized vibration and noise
- High load capacity

### Recommended Applications

Automotive Systems • Power Transmission • Rotational Motion Systems • Torque Transfer