

# Torque Transfer U-Joint

This universal joint transmits torque and rotational motion between two shafts that are not aligned. It is constructed from steel with cylindrical bearings in a cross configuration, suitable for automotive drivelines and industrial machinery.



## ADDITIONAL IMAGES



## Product Overview

### Precision Torque Transmission

The Torque Transfer U-Joint is a critical mechanical component engineered for the transmission of rotational motion and torque between misaligned shafts. Constructed from high-strength 20Cr steel alloy, this joint features precision-machined trunnions and high-efficiency needle roller bearings to minimize friction. It is specifically designed for integration within vehicle transmission shaft assemblies to ensure reliable performance and extended service life in demanding driveline applications.

## Technical Specifications

Construction Material	20Cr Steel Alloy
Bearing Type	Needle Roller Bearing

## Applications

Primary Usage	Automotive Driveline, Transmission Shaft Assembly, Chassis Accessories, Industrial Machinery
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## Features

### Performance Advantages

- Angular misalignment compensation
- High-strength wear resistance
- Minimized friction operation
- Vibration reduction