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

Features

Performance Advantages

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