

Universal Joint for Rotary Motion Transfer

Universal joints are mechanical components that transmit rotary motion between misaligned shafts. They facilitate power transfer in automotive drivelines by accommodating changes in angle between the transmission, driveshaft, and differential.



Product Overview

Universal Joint for Rotary Motion Transfer

This universal joint is a precision-engineered mechanical component designed to facilitate the smooth transmission of rotary motion between two shafts that are not aligned. Featuring a robust cross-shaped bearing, commonly known as a spider, it allows for flexible movement across multiple planes. These joints are essential for applications requiring power transfer where angular displacement occurs, such as in automotive drivelines and industrial machinery.

Technical Specifications

Material	Steel
Bearing Type	Cylindrical
Design Features	Cross-shaped spider, Multi-plane movement, Torque resistant, Angular displacement capable

Applications

Primary Applications

- Automotive drivelines
- Transmission systems
- Driveshaft connections
- Differential assemblies