

Constant Velocity Joint for Vehicle Transmissions

This constant velocity joint is a mechanical component used in vehicle transmissions to transfer torque from the transmission to the wheels at a constant speed, regardless of the steering angle or suspension movement. It consists of an inner and outer race, balls, and a cage, allowing for smooth power transmission even at extreme angles.



Product Overview

High-Performance Constant Velocity Joint

This constant velocity joint is engineered for precision torque transfer from vehicle transmissions to the wheels. It maintains a constant output speed, compensating for varying steering angles and suspension movements throughout vehicle operation. Designed for durability in demanding conditions, this component ensures consistent power delivery, operational reliability, and extended service life.

Technical Features

Assembly Components

- Inner race
- Outer race
- Transmission balls
- Retainer cage

Performance Metrics

360 degrees

Constant speed rotation

Applications

Vehicle Transmission, Steering Systems, Drivetrain