

# Constant Velocity Joints

Constant velocity (CV) joints are mechanical components used in drivetrain systems to transmit torque at a constant speed, even when the joint is at an angle. They connect the transmission to the drive wheels and allow for smooth power transfer while accommodating changes in suspension travel and steering angles.



## Product Overview

### Constant Velocity (CV) Joints

Constant velocity (CV) joints are essential mechanical components engineered to transmit torque at a constant speed, even when operating at varying angles. Designed for front-wheel, rear-wheel, and all-wheel-drive systems, these units facilitate smooth power transfer between the transmission and drive wheels while accommodating suspension travel and steering dynamics. Constructed from high-strength steel, they feature precision internal ball bearings or rollers to minimize vibration and noise, ensuring a reliable and comfortable driving experience.

## Technical Specifications

### Key Features

- Constant speed torque transmission
- High-articulation capability
- Vibration and noise reduction
- Precision internal bearing design

|                               |  |
|-------------------------------|--|
| <b>Material</b>               | High-strength steel                                  |
| <b>Compatible Drivetrains</b> | Front-wheel-drive, Rear-wheel-drive, All-wheel-drive |

## Maintenance

### Care Instructions

- Regular lubrication
- Periodic inspection