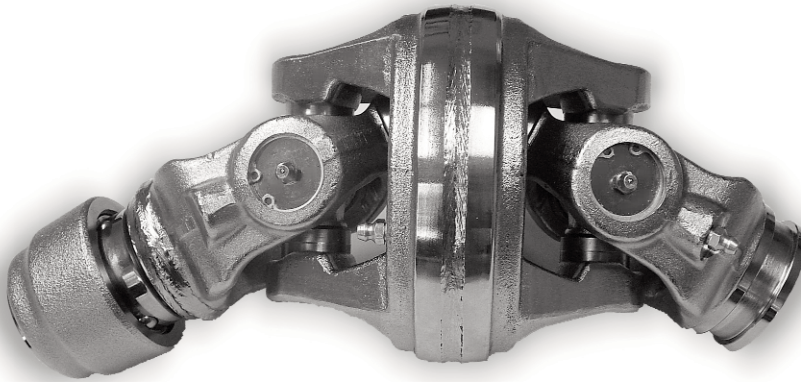




Weasler®

CV JOINT

70° CONSTANT VELOCITY



The constant velocity universal joint (CV) allows smooth machine operation through a broad range of motion. These joints allow the machine to be designed with the input shaft in the best operating position and yet allow the operator to maneuver as needed. The CV delivers constant power by self-canceling torque and speed fluctuations typically found in single cardan-type universal joints.

PERFORMANCE BENEFITS

- SIZES AVAILABLE FROM 15 HP (12 kW) AT 540 RPM UP TO 32 HP (24 kW) AT 1000 RPM FOR 1000 HOURS OF LIFE AT 10° TOTAL ANGLE
- MINIMAL VIBRATION AT HIGH TURN ANGLES
- LIGHTWEIGHT COMPACT DESIGN FOR HANDLING EASE
- FLOATING PLATES SEAL IN LUBRICATION AND SEAL OUT CONTAMINATION
- HARDENED SPHERICAL BALL AND SOCKET PROVIDES LONG LIFE
- NUMEROUS TELESCOPING MEMBERS TO MEET APPLICATION REQUIREMENTS
- AUTO-LOK YOKES AVAILABLE FOR EASE OF ATTACHMENT
- ARTICULATED GUARD SYSTEM (OPTIONAL) PROVIDES FULL COVERAGE AT MAXIMUM ANGLE
- CAN BE LUBRICATED WITH THE GUARD SYSTEM IN POSITION
- GUARD SYSTEMS MEET ALL INTERNATIONAL STANDARDS
- "E" CROSS AND BEARING KIT AVAILABLE FOR INCREASED DYNAMIC CAPACITY

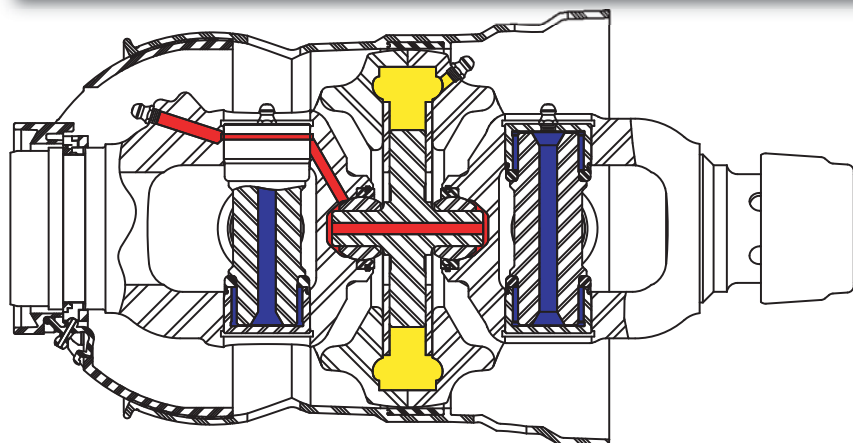
Quality fits. Every time.



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DESIGN FEATURES

- 70° MAXIMUM SHORT DURATION OR STANDSTILL OPERATION

WARNING: OPERATING BEYOND 70° WILL RESULT IN JOINT DAMAGE

- 25° MAXIMUM CONTINUOUS OPERATION

NOTE: OPERATING CONDITIONS MUST BE REVIEWED BY WEASLER APPLICATIONS ENGINEERING

- SINGLE POINT PRESSURIZED BALL AND SOCKET LUBRICATION SYSTEM (PATENTED)
- HARDENED BALL AND SOCKET (PATENTED)
- CENTERING DEVICE INCLUDES FLOATING PLATES (PATENTED)
- MOST COMPACT SIZE TO POWER RATIO IN THE INDUSTRY
- INTEGRAL BRIDGE YOKES
- TELESCOPING MEMBERS:
 - HARDENED SPLINE OR RECTANGULAR SHAFTING
 - STANDARD COATED PROFILE TUBE SIZES
- AUTO-LOK ATTACHMENT AVAILABLE (PATENTED)
- CE CERTIFIED AND ISO COMPLIANT GUARD SYSTEMS
- OPERATING TORQUE UP TO 4,000 in·lb (450 Nm)
- "E" CROSS AND BEARING KIT AVAILABLE FOR INCREASED DYNAMIC CAPACITY

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