



With over 30 years of experience, Belden provides the solutions to your most difficult universal joint requirements. Dedicated to producing the most cost-effective power transmission components

for your demanding applications, Belden has the answer to all of your universal joint needs.

- The **Heavy Duty Universal Joint** consists of a large hole yoke and small hole yoke, pin and block style. A higher grade of steel is used in manufacturing the joint, making it a better choice over “economy style” universal joints.
- The **High Strength Universal Joint** consists of two large hole yokes, pin and block design with bushings rather than the traditional snap ring. The peened pin rivet that holds the components in to place makes it a stronger joint than the Heavy Duty Joint. The High Strength Joint is great for applications that require operating at a higher torque. The joint is also designed to accommodate larger shaft diameters.
- The **Leveler Strength Universal Joint** has an expanded torque capacity due to the profile, material up grade and manufacturing process. The basic function of the universal joint remains the same but the mechanical properties are enhanced, extending the operating life of the universal joint.

- The **Needle Bearing Universal Joint** has been re-designed to accommodate the mechanical linkage needs of multiple industries. The Needle Bearing Joint is a sealed/lubricated cross & bearing style available with or without boots. The joint has rigid axial stiffness for push/pull loads and can handle higher angles and rpm than other joints.
- The **Double Universal Joint** provides the same reliability and service life as the Belden Single Universal Joint with a maximum working angle of 70 degrees. Double Universal Joints provide accurate positioning and flexible action under difficult operating angles.

The majority of Belden’s Universal Joints and Drive Shaft Assemblies are custom designed and manufactured, providing a wide variety of end hub configurations and material selections. Boots can also be added to extend the operating life of the Universal Joints.



Universal Joint Request for Quotation

<p>LEFT END CONFIGURATION</p> <p>MALE <input type="checkbox"/> FEMALE <input type="checkbox"/></p> <p>PLAIN <input type="checkbox"/> </p> <p>KEYWAY <input type="checkbox"/> </p> <p>HEXAGON <input type="checkbox"/> </p> <p>SQUARE <input type="checkbox"/> </p> <p>THREAD <input type="checkbox"/> </p> <p>SPLINE <input type="checkbox"/> </p> <p>BORE SIZE + DETAIL</p> <p><input type="text"/></p> <p><input type="text"/></p>	<p>DOUBLE UNIVERSAL JOINT (TELESCOPING VERSION SHOWN)</p>	<p>RIGHT END CONFIGURATION</p> <p>MALE <input type="checkbox"/> FEMALE <input type="checkbox"/></p> <p>PLAIN <input type="checkbox"/> </p> <p>KEYWAY <input type="checkbox"/> </p> <p>HEXAGON <input type="checkbox"/> </p> <p>SQUARE <input type="checkbox"/> </p> <p>THREAD <input type="checkbox"/> </p> <p>SPLINE <input type="checkbox"/> </p> <p>BORE SIZE + DETAIL</p> <p><input type="text"/></p> <p><input type="text"/></p>
<p>SINGLE UNIVERSAL JOINT</p>		
<p>BOOTS SHOWN FOR REFERENCE, BUT ARE OPTIONAL.</p>		
<p>Joint to be used for: <input type="text"/></p>		
<p>Nature of operation: Continuous: <input type="checkbox"/> Intermittent: <input type="checkbox"/></p>		
<p>Operating temperature: Maximum: <input type="text"/> Minimum: <input type="text"/> Average: <input type="text"/></p>		
<p>Operating environment: Abrasive: <input type="checkbox"/> Corrosive: <input type="checkbox"/> Clean: <input type="checkbox"/> Other: <input type="text"/></p>		
<p>Actual horsepower: Torque: <input type="text"/> RPM: <input type="text"/></p>		
<p>Angle of operation: Maximum: <input type="text"/> Minimum: <input type="text"/> Average: <input type="text"/></p>		
<p>Center connection: Axially free: <input type="checkbox"/> Axially free w. retaining ring: <input type="checkbox"/> W. spring + retaining ring: <input type="checkbox"/></p>		
<p>Boots: Booted: <input type="checkbox"/> Unbooted: <input type="checkbox"/></p>		
<p>Material: Alloy: <input type="checkbox"/> Stainless: <input type="checkbox"/> Other: <input type="text"/></p>		
<p>Finish: Cadmium: <input type="checkbox"/> Nickel: <input type="checkbox"/> Zinc: <input type="checkbox"/> Black Oxide: <input type="checkbox"/> Other: <input type="text"/></p>		
<p>Quantity: <input type="text"/></p>		
<p>Name: <input type="text"/> Company: <input type="text"/></p>		
<p>Address: <input type="text"/></p>		
<p>City: <input type="text"/> Postal code: <input type="text"/> Country: <input type="text"/></p>		
<p>Telephone: <input type="text"/> Fax: <input type="text"/></p>		
<p>E-mail: <input type="text"/></p>		

Please fill in, print and fax to 708-344-0245

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Products and Services



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Quality, Precision, Reliability Belden Universal Joints

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Belden Universal Joints satisfy a broad spectrum of system design requirements and should be considered when engineers are faced with the complicated challenges of today's manufacturing demands.

The Belden Universal Joint is recognized as a reliable, high quality and cost competitive universal joint on the worldwide market today. Belden's team of professional design engineers are able to create and manufacture universal joints to handle every application, including:

- Packaging Systems**
- Bottle Capping Systems**
- Conveying Systems**
- Steering Applications**
- Shift Linkage Applications**
- Woodworking Machinery**
- Agricultural Machinery**
- Drilling and Tapping Machinery**
- Machine Tool Applications**
- Aerospace Applications**
- Medical Equipment**
- Metal Working Machinery**
- Military Applications**
- Printing Processes**
- Bowling Pinsetter Applications**
- Hand Crank Applications**

