



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.



Private Label Distribution Partnership Program

Belden Inc. is the only Universal Joint and Coupling supplier that can offer more than just quality products. With our engineered product capabilities and Private Label Distributor Partnership Program, Belden can provide high quality, precise designed, well supported, consistent products to suit all the needs of your customers while expanding your product offerings in to new markets.

Partnership Offerings:

- Promise to provide quality product on just-in-time basis at fair economic price.
- Design assistance to assure your customer is receiving the right universal joint for his/her application.
- Elimination of costly second operation processing by using our experienced, timely, in-house capabilities and state of the art multi-axis machine tools.
- Vast product offerings that vary from simply designed off-the-shelf items to the most complex machined customized u-joint or coupling per your customer’s exact specifications.
- Largest Hub material selection of any u-joint supplier: standard steel, alloy, stainless, aluminum, brass and bronze.
- More stocked styles than any u-joint supplier: pin & block, needle bearing, forged cross and bearing and impact extruded aluminum.

Belden’s Private Label Partnership Program is the catalyst of our Distributor Program. The program provides you with universal joints branded with your companies individualized markings, packaged per your in-house specifications. Belden’s Private Label Partnership Program benefits Distributors by:

- Reduction in your in-house inventory while achieving just-in-time delivery to your customers.
- In-house handling reduced to simple pick & ship procedure, eliminating costly second handling.
- Your branded name gives your customers a sense of comfort and helps insure repeat business.
- Makes even the most complex universal joint a commodity product for your company.

Belden Inc. has the products, capabilities and experience to be your universal joint supplier. Our goal is to provide the Distributor with a value added product that is easy to sell. Look to Belden for your universal joint and coupling requirements.

Contacting Belden:



Belden Inc.
2500 Braga Drive
Broadview, Illinois 60155
USA
Tel: +1 708 344-4600
Fax: +1 708 344-0245



Belden Inc.
Niederlassung Deutschland
Harnackstrasse 6
39104 Magdeburg
Germany
Tel: +49 (0) 3912 52 58 11
Fax: +49 (0) 3912 51 46 73

www.BeldenUniversal.com



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Quality, Precision, Reliability

Products and Services



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**

