

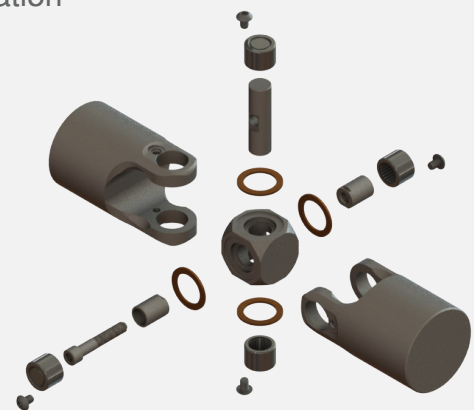


Belden offers corrosion resistant universal joints and drive shaft assemblies for packaging, conveying, casing, wrapping, labeling, marking, placing, bottling, canning and inserting applications. Standard alloy steel does not resist caustic substances and can lead to contamination. Belden universal joints can be manufactured to withstand the corrosive environment while meeting the tough sanitation standards set by these industries.



Our heavy duty, high strength and needle bearing universal joints can be made from stainless steel; resistant to sterilizing solutions, nitric acid, inorganic chemicals, foods, and to most organic chemicals and dyes. Stainless steel universal joints offer durability and versatility in any equipment or machine running in harsh environments or exposed to a wash down or water for long periods of time, even in the most extreme operating conditions.

- Joint typically connects gear box/motor drive and the application
- Connecting motor to an odd angled drive system
- Stainless steel often a requirement
- Special connection hubs common
- Special form screws for bottle movement
- Directing rotation around corners in conveying systems
- Double joint or drive shaft to compensate build-in and installation tolerances
- Sealed lubricated needle bearings for low maintenance assemblies
- Precise positioning at high RPM for extended periods



RECOMMENDED UNIVERSAL JOINTS FOR PACKAGING

Pin & Block Plain Bearing

Pin & Block Plain Bearing universal joints can operate at lower RPM but transmit higher torques and can be made completely from stainless steel.

Needle Bearing

Needle bearing universal joints provide precise positioning and can operate continuously at high speeds.

Stainless Steel

Our standard stainless steel joints are made from 316L, Inconel and Super-Duplex Stainless Steel to provide higher strength and improved wear and corrosion resistance.

Custom Drive Shaft Assemblies

Belden offers drive shaft assemblies for axial misalignment or applications where axial movement is required during the rotation and power transmission.

MATERIALS & SIZES

Available in various grades of stainless steel including AISI 416, 303, 304 and 316. Bores can be customized for any inside diameter and depth to attain a blind configuration, preventing shaft penetration into the center joint components and added protection against contamination.

BOOT COVERS

Boot covers are recommended in gaseous and abrasive environments for added protection of the pins and block or cross and bearing. Food-grade grease to ensure cleaner and safer processing is available upon request.

