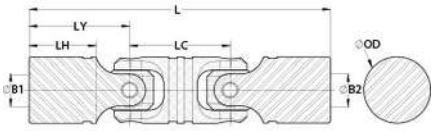
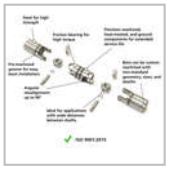
# UD10-XX-XX-F-KIT

Ruland UD10-XX-XX-F-KIT, Machinable Bore Double Universal Joint Kit, Friction Bearing, Steel, 0.620" (15.7mm) OD, 3.250" (82.6mm) Length







## Description

Ruland UD10-XX-XX-F-KIT is a double cardan friction bearing universal joint kit that can be machined with a bore size and geometry of the user's choice. It has a 0.620" (15.7mm) OD and 3.250" (82.6mm) length. UD10-XX-XX-F-KIT is ideal for applications with wide distances between shafts and can accommodate all forms of misalignment. This plain bearing double universal joint is comprised of pins and blocks that are precision machined, selectively heat treated, and ground for high strength, accuracy, and wear resistance. The combination of these components with precision ground and hardened yoke ears allow for a longer lifespan, increased performance in demanding applications, and greater angular misalignment of up to 90° when compared to commodity style double universal joints. UD10-XX-XX-F-KIT is made from high grade alloy steel for durability and high strength. It can be combined with boot UBOOT10/15-NI-KIT to protect the joints from unwanted contaminants such as dust or water and self lubricate reducing maintenance time. This double cardan universal joint is manufactured in the USA by Belden Universal for strict control of processes.

## Product Specifications

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|---|---|---|---|
| **Bore (B1)** | No Bore | **Small Bore (B2)** | No Bore |
| **B1 Max Shaft Penetration** | 0.820 in (20.8 mm) | **B2 Max Shaft Penetration** | 0.820 in (20.8 mm) |
| **Joint Outer Diameter (OD)** | 0.620 in (15.7 mm) | **Length (L)** | 3.250 in (82.6 mm) |
| **Center Yoke Length (LC)** | 1.000 in (25.4 mm) | **Yoke Length (LY)** | 1.125 in (28.6 mm) |
| **Hub Depth (LH)** | 0.820 in (20.8 mm) | **Max Round Bore (Inch)** | 0.3438 in |
| **Max Round Bore (Metric)** | 8 mm | **Max Hex or Square Bore (Inch)** | 0.3438 in |
| **Max Hex or Square Bore (Metric)** | 8 mm | **Max Blind Bore (Inch)** | 0.5000 in |
| **Max Blind Bore (Metric)** | 12 mm | **Max Round Bore w/ Key (Inch)** | 5/16" Bore, 3/32" Keyway |
| **Max Round Bore w/ Key (Metric)** | 8mm Bore, 2mm Keyway | **Peak Torque** | 610 in-lb (68.9 Nm) |
| **Rated Torque** | 122 in-lb (13.8 Nm) | **Max Operating Angle** | 90° |
| **Material Specification** | Alloy Steel | **Manufacturer** | Belden Universal |
| **Country of Origin** | USA | **Weight (lbs)** | 0.229000 |
| **Recommended Lubricant** | LUBRIPLATE No. 1200-2 | **Matching Boot Cover** | UBOOT10/15-NI-KIT |
| **UPC** | 634529288238 | **Tariff Code** | 8483.60.4000 |
| **UNSPC** | 25173810 | | |
| **Note 1** | Performance ratings are for guidance only. The user must determine suitability for a particular application. | | |
| **Prop 65** | ⚠**WARNING** This product can expose you to the chemical Ethylene Thiourea, known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov. | | |