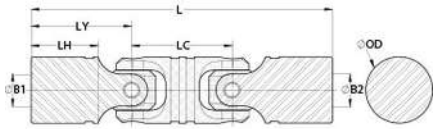
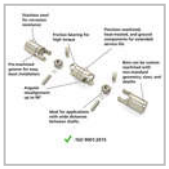
# UD16-XX-XX-SS-KIT

Ruland UD16-XX-XX-SS-KIT, Machinable Bore Double Universal Joint Kit, Friction Bearing, Stainless Steel, 0.995" (25.3mm) OD, 4.875" (123.8mm) Length







## Description

Ruland UD16-XX-XX-SS-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 0.995" (25.3mm) OD and 4.875" (123.8mm) length. UD16-XX-XX-SS-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. UD16-XX-XX-SS-KIT is made from high grade stainless steel for increased corrosion resistance. It can be combined with boot UBOOT16/25-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** | 1.190 in (30.2 mm) | **B2 Max Shaft Penetration** | 1.190 in (30.2 mm) |
| **Joint Outer Diameter (OD)** | 0.995 in (25.3 mm) | **Length (L)** | 4.875 in (123.8 mm) |
| **Center Yoke Length (LC)** | 1.500 in (38.1 mm) | **Yoke Length (LY)** | 1.688 in (42.9 mm) |
| **Hub Depth (LH)** | 1.190 in (30.2 mm) | **Max Round Bore (Inch)** | 0.5938 in |
| **Max Round Bore (Metric)** | 15 mm | **Max Hex or Square Bore (Inch)** | 0.5625 in |
| **Max Hex or Square Bore (Metric)** | 14 mm | **Max Blind Bore (Inch)** | 0.8130 in |
| **Max Blind Bore (Metric)** | 20 mm | **Max Round Bore w/ Key (Inch)** | 9/16" Bore, 1/8" Keyway |
| **Max Round Bore w/ Key (Metric)** | 15mm Bore, 5mm Keyway | **Peak Torque** | 1420 in-lb (160.4 Nm) |
| **Rated Torque** | 284 in-lb (32.1 Nm) | **Max Operating Angle** | 90° |
| **Material Specification** | Yokes: 303 Stainless Steel<br>Pins and Blocks: 416 Stainless Steel | **Manufacturer** | Belden Universal |
| **Country of Origin** | USA | **Weight (lbs)** | 0.909000 |
| **Recommended Lubricant** | LUBRIPLATE No. 1200-2 | **Matching Boot Cover** | UBOOT16/25-NI-KIT |
| **UPC** | 634529288436 | **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 Nickel (metallic), known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov. | | |