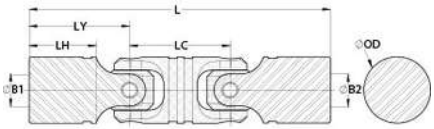
# UD14-XX-XX-SS

Ruland UD14-XX-XX-SS, Machinable Bore Double Universal Joint, Friction Bearing, Steel, 0.870" (22.1mm) OD, 4.375" (111.1mm) Length










## Description

Ruland UD14-XX-XX-SS is a double cardan friction bearing universal joint with plain bores that can be machined to a bore size and geometry of the user's choice. It has a 0.870" (22.1mm) OD and 4.375" (111.1mm) length. UD14-XX-XX-SS 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. UD14-XX-XX-SS is made from high grade stainless steel for increased corrosion resistance. It can be combined with boot UBOOT14/22-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

| | | | |
|---|---|---|---|
| **Bore (B1)** | No Bore | **Small Bore (B2)** | No Bore |
| **B1 Max Shaft Penetration** | 1.030 in (26.2 mm) | **B2 Max Shaft Penetration** | 1.030 in (26.2 mm) |
| **Joint Outer Diameter (OD)** | 0.870 in (22.1 mm) | **Length (L)** | 4.375 in (111.1 mm) |
| **Center Yoke Length (LC)** | 1.375 in (34.9 mm) | **Yoke Length (LY)** | 1.500 in (38.1 mm) |
| **Hub Depth (LH)** | 1.030 in (26.2 mm) | **Max Round Bore (Inch)** | 0.5313 in |
| **Max Round Bore (Metric)** | 13 mm | **Max Hex or Square Bore (Inch)** | 0.5000 in |
| **Max Hex or Square Bore (Metric)** | 12 mm | **Max Blind Bore (Inch)** | 0.7500 in |
| **Max Blind Bore (Metric)** | 19 mm | **Max Round Bore w/ Key (Inch)** | 1/2" Bore, 1/8" Keyway |
| **Max Round Bore w/ Key (Metric)** | 12mm Bore, 4mm Keyway | **Peak Torque** | 1125 in-lb (127.1 Nm) |
| **Rated Torque** | 225 in-lb (25.4 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)** | 0.615000 |
| **Recommended Lubricant** | LUBRIPLATE No. 1200-2 | **Matching Boot Cover** | UBOOT14/22-NI-KIT |
| **UPC** | 634529288368 | **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. | | |