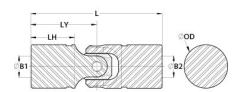




## **US8-XX-XX-F**

Ruland US8-XX-XX-F, Machinable Bore Single Universal Joint, Friction Bearing, Steel, 0.495" (12.6mm) OD, 2.000" (50.8mm) Length





## **Description**

Ruland US8-XX-XX-F is a single cardan friction bearing universal joint with friction bores that can be machined with a bore size and geometry of the user's choice. It has a 0.495" (12.6mm) OD and 2.000" (50.8mm) length. US8-XX-XX-F is ideal for applications with space constraints and has higher torque capacity than equivalently sized double universal joints. This plain bearing 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 45° when compared to commodity style single universal joints. US8-XX-XX-F is made from high grade alloy steel for durability and high strength. It can be combined with boot UBOOT8/13-NI-KIT to protect the joint from unwanted contaminants such as dust or water and self lubricate reducing maintenance time. This single cardan universal joint is manufactured in the USA by Belden Universal for strict control of processes.

**Product Specifications** 

B1 Max Shaft Penetration 0.740 in (18.8 mm) B2 Max Shaft Penetration 0.740 in (18.8 mm)  Joint Outer Diameter (OD) 0.495 in (12.6 mm) Length (L) 2.000 in (50.8 mm)  Yoke Length (LY) 1.000 in (25.4 mm) Hub Depth (LH) 0.740 in (18.8 mm)  Max Round Bore (Inch) 0.2813 in Max Round Bore (Metric) 7 mm  Max Hex or Square Bore (Inch) 0.3750 in Max Blind Bore (Metric) 9 mm  Max Blind Bore (Inch) 0.3750 in Max Blind Bore (Metric) 9 mm  Peak Torque 350 in-lb (39.5 Nm) Rated Torque 70 in-lb (7.9 Nm)  Max Operating Angle 45° Material Specification Alloy Steel  Manufacturer Belden Universal Country of Origin USA  Weight (Ibs) 0.094000 Recommended Lubricant LUBRIPLATE No. 1200-2  Matching Boot Cover UBOOT8/13-NI-KIT UPC 634529290248  Tariff Code 8483.60.4000 UNSPC 25173810  Note 1 Performance ratings are for guidance only. The user must determine suitability for a particular application				
Joint Outer Diameter (OD)  0.495 in (12.6 mm)  Length (L)  2.000 in (50.8 mm)  Ack Length (LY)  1.000 in (25.4 mm)  Hub Depth (LH)  0.740 in (18.8 mm)  Max Round Bore (Inch)  0.2813 in  Max Round Bore (Metric)  7 mm  Max Blind Bore (Inch)  0.3750 in  Max Blind Bore (Metric)  9 mm  Max Operating Angle  45°  Material Specification  Max Blind Specification  Max Blind Specification  Max Blind Specification  Max Blind Specification  Alloy Steel  Manufacturer  Belden Universal  Country of Origin  USA  Weight (Ibs)  0.094000  Recommended Lubricant  LUBRIPLATE No. 1200-2  Matching Boot Cover  UBOOT8/13-NI-KIT  UPC  634529290248  Tariff Code  Note 1  Performance ratings are for guidance only. The user must determine suitability for a particular application  California to cause cancer and birth defects or other reproductive harm. For more information go to	Bore (B1)	No Bore	Small Bore (B2)	No Bore
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