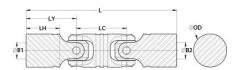




UD18-XX-XX-F

Ruland UD18-XX-XX-F, Machinable Bore Double Universal Joint, Friction Bearing, Steel, 1.120" (28.4mm) OD, 5.125" (130.2mm) Length





Description

Ruland UD18-XX-XX-F 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 1.120" (28.4mm) OD and 5.125" (130.2mm) length. UD18-XX-XX-F 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. UD18-XX-XX-F is made from high grade alloy steel for durability and high strength. It can be combined with boot UBOOT18/29-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

Joint Outer Diameter (OD) 1.120 in (28.4 mm) Length (L) 5.125 in (130.2 mm) Center Yoke Length (LC) 1.625 in (41.3 mm) Yoke Length (LY) 1.750 in (44.5 mm) Length (LH) 1.220 in (31.0 mm) Max Round Bore (Inch) Max Round Bore (Metric) 15 mm Max Hex or Square Bore (Metric) Max Blind Bore (Inch) Max Blind Bore (Metric) 22 mm Max Round Bore w/ Key (Inch) Max Round Bore w/ Key (Metric) Max Round Bore w/ Key (Metric) 16mm Bore, 5mm Keyway Peak Torque 2,925 in-lb (330.5 Nm) Rated Torque Material Specification Alloy Steel Manufacturer Manufacturer Belden Universal Country of Origin USA Weight (Ibs) 1.175000 Recommended Lubricant LUBRIPLATE No. 1200-2 Matching Boot Cover UBOOT18/29-NI-KIT UPC 634529288467 Tariff Code Note 1 Performance ratings are for guidance only. The user must determine suitability for a particular application	Froduct Specifications			
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Hub Depth (LH) 1.220 in (31.0 mm) Max Round Bore (Inch) 0.625 in Max Round Bore (Metric) 15 mm Max Blind Bore (Inch) 0.8750 in Max Blind Bore (Metric) 22 mm Max Round Bore w/ Key (Inch) Max Round Bore w/ Key (Inch) Max Round Bore w/ Key (Metric) 16 mm Bore, 5mm Keyway Max Round Bore w/ Key (Metric) 16 mm Bore, 5mm Keyway Max Operating Angle 90° Material Specification Alloy Steel Manufacturer Belden Universal Country of Origin USA Weight (Ibs) 1.175000 Recommended Lubricant LUBRIPLATE No. 1200-2 Matching Boot Cover UBOOT18/29-NI-KIT UPC 634529288467 Tariff Code 8483.60.4000 UNSPC Note 1 Performance ratings are for guidance only. The user must determine suitability for a particular applicatio of California to cause cancer and birth defects or other reproductive harm. For more information go to	Joint Outer Diameter (OD)	1.120 in (28.4 mm)	Length (L)	5.125 in (130.2 mm)
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