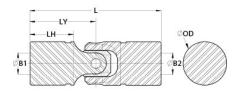




US20-XX-XX-SS

Ruland US20-XX-XX-SS, Machinable Bore Single Universal Joint, Friction Bearing, Stainless Steel, 1.245" (31.6mm) OD, 3.750" (95.3mm) Length





Description

Ruland US20-XX-XX-SS 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 1.245" (31.6mm) OD and 3.750" (95.3mm) length. US20-XX-XX-SS 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. US20-XX-XX-SS is made from high grade stainless steel for increased corrosion resistance. It can be combined with boot UBOOT20/32-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

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Yoke Length (LY)1.875 in (47.6 mm)Hub Depth (LH)1.250 in (31.8 mm)Max Round Bore (Inch)0.750 inMax Round Bore (Metric)19 mmMax Hex or Square Bore (Inch)0.7500 inMax Hex or Square Bore (Metric)16 mmMax Blind Bore (Inch)1.0000 inMax Blind Bore (Metric)25 mmMax Round Bore w/ Key (Inch)3/4" Bore, 3/16" KeywayMax Round Bore w/ Key (Metric)19mm Bore, 6mm KeywayPeak Torque3,400 in-lb (384.1 Nm)Rated Torque680 in-lb (76.8 Nm)Max Operating Angle45°Material SpecificationYokes: 303 Stainless Steel Pins and Blocks: 416 Stainless SteelManufacturerBelden UniversalCountry of OriginUSAWeight (Ibs)1.128000Recommended LubricantLUBRIPLATE No. 1200-2Matching Boot CoverUBCOT20/32-NI-KITUPC634529289785Tariff Code8483.60.4000UNSPC25173810Note 1Performance ratings are for guidance only. The user must determine suitability for a particular applicationProp 65MARNING This product can expose you to the chemical Nickel (metallic), known to the State of Califor	B1 Max Shaft Penetration	1.250 in (31.8 mm)	B2 Max Shaft Penetration	1.250 in (31.8 mm)
Max Round Bore (Inch)0.750 inMax Round Bore (Metric)19 mmMax Hex or Square Bore (Inch)0.7500 inMax Hex or Square Bore (Metric)16 mmMax Blind Bore (Inch)1.0000 inMax Blind Bore (Metric)25 mmMax Round Bore w/ Key (Inch)3/4" Bore, 3/16" KeywayMax Round Bore w/ Key (Metric)19mm Bore, 6mm KeywayPeak Torque3,400 in-lb (384.1 Nm)Rated Torque680 in-lb (76.8 Nm)Max Operating Angle45°Material SpecificationYokes: 303 Stainless Steel Pins and Blocks: 416 Stainless SteelManufacturerBelden UniversalCountry of OriginUSAWeight (Ibs)1.128000Recommended LubricantLUBRIPLATE No. 1200-2Matching Boot CoverUBOOT20/32-NI-KITUPC634529289785Tariff Code8483.60.4000UNSPC25173810Note 1Performance ratings are for guidance only. The user must determine suitability for a particular applicationProp 65MARNING This product can expose you to the chemical Nickel (metallic), known to the State of Califor	Joint Outer Diameter (OD)	1.245 in (31.6 mm)	Length (L)	3.750 in (95.3 mm)
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Matching Boot Cover UBOOT20/32-NI-KIT UPC 634529289785 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 AwaRNING This product can expose you to the chemical Nickel (metallic), known to the State of California	Manufacturer	Belden Universal	Country of Origin	USA
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Prop 65	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 <u>www.P65Warnings.ca.gov</u> .		