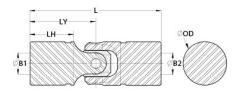




## US28-XX-XX-F

Ruland US28-XX-XX-F, Machinable Bore Single Universal Joint, Friction Bearing, Steel, 1.745" (44.3mm) OD, 5.000" (127.0mm) Length





## Description

Ruland US28-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 1.745" (44.3mm) OD and 5.000" (127.0mm) length. US28-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. US28-XX-XX-F is made from high grade alloy steel for durability and high strength. It can be combined with boot UBOOT28/44-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**

Joint Outer Diameter (OD)1.745 in (44.3 mm)Length (L)5.000 in (127.0 mm)Yoke Length (LY)2.500 in (63.5 mm)Hub Depth (LH)1.610 in (40.9 mm)Max Round Bore (Inch)0.9688 inMax Round Bore (Metric)24 mmMax Hex or Square Bore (Inch)0.9375 inMax Hex or Square Bore (Metric)24 mmMax Blind Bore (Inch)1.3750 inMax Blind Bore (Metric)34 mmMax Round Bore w/ Key (Inch)1" Bore, 1/4" KeywayMax Round Bore w/ Key (Metric)25mm Bore, 8mm KeywayPeak Torque14,500 in-lb (1,638.3 Nm)Rated Torque2,900 in-lb (327.7 Nm)Max Operating Angle45°Material SpecificationAlloy SteelManufacturerBelden UniversalCountry of OriginUSAWeight (Ibs)2.864000Recommended LubricantLUBRIPLATE No. 1200-2Matching Boot CoverUBOOT28/44-NI-KITUPC634529289884Tariff Code8483.60.4000UNSPC25173810Note 1Performance ratings are for guidance only. The user must determine suitability for a particular application.	r roudot opoomoationo			
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Max Round Bore (Inch)0.9688 inMax Round Bore (Metric)24 mmMax Hex or Square Bore (Inch)0.9375 inMax Hex or Square Bore (Metric)24 mmMax Blind Bore (Inch)1.3750 inMax Blind Bore (Metric)34 mmMax Round Bore w/ Key (Inch)1" Bore, 1/4" KeywayMax Round Bore w/ Key (Metric)25mm Bore, 8mm KeywayPeak Torque14,500 in-lb (1,638.3 Nm)Rated Torque2,900 in-lb (327.7 Nm)Max Operating Angle45°Material SpecificationAlloy SteelManufacturerBelden UniversalCountry of OriginUSAWeight (Ibs)2.864000Recommended LubricantLUBRIPLATE No. 1200-2Matching Boot CoverUBOOT28/44-NI-KITUPC634529289884Tariff Code8483.60.4000UNSPC25173810Note 1Performance ratings are for guidance only. The user must determine suitability for a particular application.Prop 65MaxRNING This product can expose you to the chemical Ethylene Thiourea, known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to	Joint Outer Diameter (OD)	1.745 in (44.3 mm)	Length (L)	5.000 in (127.0 mm)
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Weight (lbs) 2.864000 Recommended Lubricant LUBRIPLATE No. 1200-2   Matching Boot Cover UBOOT28/44-NI-KIT UPC 634529289884   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 MWARNING This product can expose you to the chemical Ethylene Thiourea, known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to	Max Operating Angle	45°	Material Specification	Alloy Steel
Matching Boot Cover UBOOT28/44-NI-KIT UPC 634529289884   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 Ethylene Thiourea, known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to	Manufacturer	Belden Universal	Country of Origin	USA
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