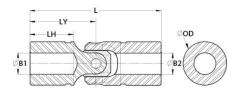




US12-8MM-1/4"-SS

Ruland US12-8MM-1/4"-SS, 8mm x 1/4" Single Universal Joint, Friction Bearing, Stainless Steel, 0.745" (18.9mm) OD, 2.688" (68.3mm) Length





Description

Ruland US12-8MM-1/4"-SS is a single cardan friction bearing universal joint with 8mm x 0.2500" bores, 0.745" (18.9mm) OD, and 2.688" (68.3mm) length. It 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. US12-8MM-1/4"-SS is made from high grade stainless steel for increased corrosion resistance. It can be combined with boot UBOOT12/19-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

Bore (B1)8 mmSmall Bore (B2)0.2500 inB1 Max Shaft Penetration0.950 in (24.1 mm)B2 Max Shaft Penetration0.950 in (24.1 mm)Joint Outer Diameter (OD)0.745 in (18.9 mm)Bore Tolerance+0.0010 in / -0.0000 in / -0.000 mm)Length (L)2.688 in (68.3 mm)Yoke Length (LY)1.344 in (34.1 mm)Hub Depth (LH)0.950 in (24.1 mm)Peak Torque875 in-lb (98.9 Nm)Rated Torque175 in-lb (19.8 Nm)Max Operating Angle45°Material SpecificationYokes: 303 Stainless Steel Pins and Blocks: 416 Stainless SteelManufacturerBelden UniversalCountry of OriginUSARecommended LubricantLUBRIPLATE No. 120	n (+0.025 mm
Joint Outer Diameter (OD)0.745 in (18.9 mm)Bore Tolerance+0.0010 in / -0.0000 in / -0.000 mm)Length (L)2.688 in (68.3 mm)Yoke Length (LY)1.344 in (34.1 mm)Hub Depth (LH)0.950 in (24.1 mm)Peak Torque875 in-lb (98.9 Nm)Rated Torque175 in-lb (19.8 Nm)Max Operating Angle45°Material SpecificationYokes: 303 Stainless Steel Pins and Blocks: 416 Stainless SteelManufacturerBelden Universal	n (+0.025 mm
Length (L)2.688 in (68.3 mm)Yoke Length (LY)1.344 in (34.1 mm)Hub Depth (LH)0.950 in (24.1 mm)Peak Torque875 in-lb (98.9 Nm)Rated Torque175 in-lb (19.8 Nm)Max Operating Angle45°Material SpecificationYokes: 303 Stainless Steel Pins and Blocks: 416 Stainless SteelManufacturerBelden Universal	n (+0.025 mm
Hub Depth (LH)0.950 in (24.1 mm)Peak Torque875 in-lb (98.9 Nm)Rated Torque175 in-lb (19.8 Nm)Max Operating Angle45°Material SpecificationYokes: 303 Stainless SteelManufacturerBelden UniversalPins and Blocks: 416 Stainless SteelSteelManufacturerBelden Universal	
Rated Torque175 in-lb (19.8 Nm)Max Operating Angle45°Material SpecificationYokes: 303 Stainless Steel Pins and Blocks: 416 Stainless SteelManufacturerBelden Universal	
Material Specification Yokes: 303 Stainless Steel Manufacturer Belden Universal Pins and Blocks: 416 Stainless Steel Steel Steel Steel	
Pins and Blocks: 416 Stainless Steel	
Country of Origin USA Recommended Lubricant LUBRIPLATE No. 120	
	00-2
Matching Boot CoverUBOOT12/19-NI-KITUPC63452932922	
Tariff Code 8483.60.4000 UNSPC 25173810	
Note 1 Performance ratings are for guidance only. The user must determine suitability for a particular a	application.
Prop 65 AWARNING This product can expose you to the chemical Nickel (metallic), known to the State to cause cancer. For more information go to www.P65Warnings.ca.gov .	te of California