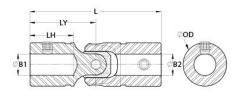




USS8-5MM-3/16"-F

Ruland USS8-5MM-3/16"-F, 5mm x 3/16" Single Universal Joint, Friction Bearing, Steel, Set Screw, 0.495" (12.6mm) OD, 2.000" (50.8mm) Length





Description

Ruland USS8-5MM-3/16"-F is a single cardan friction bearing universal joint with 5mm x 0.1875" bores, 0.495" (12.6mm) OD, 2.000" (50.8mm) length, and #4-40 set screws. 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. USS8-5MM-3/16"-F is designed for use in high RPM applications up to 6000 RPM and has extended service life due to pre-lubricated maintenance free bearings. 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 Penetration0.740 in (18.8 mm)B2 Max Shaft Penetration0.740 in (18.8 mm)Joint Outer Diameter (OD)0.495 in (12.6 mm)Bore Tolerance+0.0010 in / -0.0000 in (+0.02 / -0.000 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)Broached Set Screw#4-40Screw FinishBlack OxidePeak Torque350 in-lb (39.5 Nm)Rated Torque70 in-lb (7.9 Nm)Max Operating Angle45°Material SpecificationAlloy SteelManufacturerBelden UniversalCountry of OriginUSARecommended LubricantLUBRIPLATE No. 1200-2Matching Boot CoverUBOOT8/13-NI-KITUPC63452933751Tariff Code8483.60.4000UNSPC25173810Note 1Performance ratings are for guidance only. The user must determine suitability for a particular applicat	Fround opermitations			
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Screw FinishBlack OxidePeak Torque350 in-lb (39.5 Nm)Rated Torque70 in-lb (7.9 Nm)Max Operating Angle45°Material SpecificationAlloy SteelManufacturerBelden UniversalCountry of OriginUSARecommended LubricantLUBRIPLATE No. 1200-2Matching Boot CoverUBOOT8/13-NI-KITUPC63452933751Tariff Code8483.60.4000UNSPC25173810Note 1Performance ratings are for guidance only. The user must determine suitability for a particular applicatProp 65AWARNING 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	Length (L)	2.000 in (50.8 mm)	Yoke Length (LY)	1.000 in (25.4 mm)
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Material Specification Alloy Steel Manufacturer Belden Universal Country of Origin USA Recommended Lubricant LUBRIPLATE No. 1200-2 Matching Boot Cover UBOOT8/13-NI-KIT UPC 63452933751 Tariff Code 8483.60.4000 UNSPC 25173810 Note 1 Performance ratings are for guidance only. The user must determine suitability for a particular applicat 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	Screw Finish	Black Oxide	Peak Torque	350 in-lb (39.5 Nm)
Country of OriginUSARecommended LubricantLUBRIPLATE No. 1200-2Matching Boot CoverUBOOT8/13-NI-KITUPC63452933751Tariff Code8483.60.4000UNSPC25173810Note 1Performance ratings are for guidance only. The user must determine suitability for a particular applicatProp 65MWARNING 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	Rated Torque	70 in-lb (7.9 Nm)	Max Operating Angle	45°
Matching Boot Cover UBOOT8/13-NI-KIT UPC 63452933751 Tariff Code 8483.60.4000 UNSPC 25173810 Note 1 Performance ratings are for guidance only. The user must determine suitability for a particular applicat Prop 65 MARNING 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	Material Specification	Alloy Steel	Manufacturer	Belden Universal
Tariff Code 8483.60.4000 UNSPC 25173810 Note 1 Performance ratings are for guidance only. The user must determine suitability for a particular applicat Prop 65 MARNING 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	Country of Origin	USA	Recommended Lubricant	LUBRIPLATE No. 1200-2
Note 1 Performance ratings are for guidance only. The user must determine suitability for a particular applicat Prop 65 MARNING 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	Matching Boot Cover	UBOOT8/13-NI-KIT	UPC	63452933751
Prop 65 MARNING 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	Tariff Code	8483.60.4000	UNSPC	25173810
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