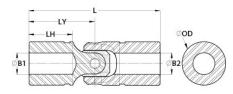




## US24-16MM-5/8"-SS

Ruland US24-16MM-5/8"-SS, 16mm x 5/8" Single Universal Joint, Friction Bearing, Stainless Steel, 1.495" (38.0mm) OD, 4.250" (108.0mm) Length





## Description

Ruland US24-16MM-5/8"-SS is a single cardan friction bearing universal joint with 16mm x 0.6250" bores, 1.495" (38.0mm) OD, and 4.250" (108.0mm) 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. US24-16MM-5/8"-SS is made from high grade stainless steel for increased corrosion resistance. It can be combined with boot UBOOT24/38-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**

A1 Max Shaft Penetration 1.400 in (35.6 mm) B2 Max Shaft Penetration 1.400 in (35.6 mm)   oint Outer Diameter (OD) 1.495 in (38.0 mm) Bore Tolerance +0.0010 in / -0.0000 in (+0.025 mm / -0.000 mm)   ength (L) 4.250 in (108.0 mm) Yoke Length (LY) 2.125 in (54.0 mm)   Bub Depth (LH) 1.400 in (35.6 mm) Peak Torque 7,250 in-lb (819.1 Nm)   Rated Torque 1,450 in-lb (163.8 Nm) Max Operating Angle 45°   Material Specification Yokes: 303 Stainless Steel Manufacturer Belden Universal   Pins and Blocks: 416 Stainless Steel Viseel UBACT24/38-NI-KIT UPC 63452933278   Country of Origin UBOOT24/38-NI-KIT UPC 63452933278 25173810   Naterial Specification Performance ratings are for guidance only. The user must determine suitability for a particular application.	Froduct Specifications			
oint Outer Diameter (OD)1.495 in (38.0 mm)Bore Tolerance+0.0010 in / -0.0000 in (+0.025 mr / -0.000 mm)Length (L)4.250 in (108.0 mm)Yoke Length (LY)2.125 in (54.0 mm)Lub Depth (LH)1.400 in (35.6 mm)Peak Torque7,250 in-lb (819.1 Nm)Lated Torque1,450 in-lb (163.8 Nm)Max Operating Angle45°Material SpecificationYokes: 303 Stainless Steel Pins and Blocks: 416 Stainless SteelManufacturerBelden UniversalCountry of OriginUSARecommended LubricantLUBRIPLATE No. 1200-2Matching Boot CoverUBOOT24/38-NI-KITUPC63452933278Cariff Code8483.60.4000UNSPC25173810Iote 1Performance ratings are for guidance only. The user must determine suitability for a particular application. WARNING This product can expose you to the chemical Nickel (metallic), known to the State of Californ	Bore (B1)	16 mm	Small Bore (B2)	0.6250 in
/-0.000 mm)Length (L)4.250 in (108.0 mm)Yoke Length (LY)2.125 in (54.0 mm)Iub Depth (LH)1.400 in (35.6 mm)Peak Torque7,250 in-lb (819.1 Nm)Rated Torque1,450 in-lb (163.8 Nm)Max Operating Angle45°Material SpecificationYokes: 303 Stainless Steel Pins and Blocks: 416 Stainless SteelManufacturer SteelBelden UniversalCountry of OriginUSARecommended LubricantLUBRIPLATE No. 1200-2Matching Boot CoverUBOOT24/38-NI-KITUPC63452933278Gariff Code8483.60.4000UNSPC25173810Iote 1Performance ratings are for guidance only. The user must determine suitability for a particular application.Yrop 65MARNING This product can expose you to the chemical Nickel (metallic), known to the State of Californ	B1 Max Shaft Penetration	1.400 in (35.6 mm)	B2 Max Shaft Penetration	1.400 in (35.6 mm)
Iub Depth (LH)1.400 in (35.6 mm)Peak Torque7,250 in-lb (819.1 Nm)Rated Torque1,450 in-lb (163.8 Nm)Max Operating Angle45°Material SpecificationYokes: 303 Stainless SteelManufacturerBelden UniversalPins and Blocks: 416 Stainless SteelSteelLUBRIPLATE No. 1200-2Country of OriginUSARecommended LubricantLUBRIPLATE No. 1200-2Matching Boot CoverUBOOT24/38-NI-KITUPC63452933278Tariff Code8483.60.4000UNSPC25173810Note 1Performance ratings are for guidance only. The user must determine suitability for a particular application.Prop 65MARNING This product can expose you to the chemical Nickel (metallic), known to the State of Californ	Joint Outer Diameter (OD)	1.495 in (38.0 mm)	Bore Tolerance	+0.0010 in / -0.0000 in (+0.025 mm / -0.000 mm)
Rated Torque 1,450 in-lb (163.8 Nm) Max Operating Angle 45°   Material Specification Yokes: 303 Stainless Steel Manufacturer Belden Universal   Pins and Blocks: 416 Stainless Steel LUBRIPLATE No. 1200-2   Country of Origin USA Recommended Lubricant LUBRIPLATE No. 1200-2   Matching Boot Cover UBOOT24/38-NI-KIT UPC 63452933278   Fariff 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	Length (L)	4.250 in (108.0 mm)	Yoke Length (LY)	2.125 in (54.0 mm)
Material Specification Yokes: 303 Stainless Steel Manufacturer Belden Universal   Pins and Blocks: 416 Stainless Steel LUBRIPLATE No. 1200-2   Country of Origin USA Recommended Lubricant LUBRIPLATE No. 1200-2   Matching Boot Cover UBOOT24/38-NI-KIT UPC 63452933278   Fariff Code 8483.60.4000 UNSPC 25173810   Iote 1 Performance ratings are for guidance only. The user must determine suitability for a particular application. Prop 65	Hub Depth (LH)	1.400 in (35.6 mm)	Peak Torque	7,250 in-lb (819.1 Nm)
Pins and Blocks: 416 Stainless Steel   Country of Origin USA Recommended Lubricant LUBRIPLATE No. 1200-2   Matching Boot Cover UBOOT24/38-NI-KIT UPC 63452933278   Tariff Code 8483.60.4000 UNSPC 25173810   Iote 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 Californ	Rated Torque	1,450 in-lb (163.8 Nm)	Max Operating Angle	45°
Matching Boot CoverUBOOT24/38-NI-KITUPC63452933278Gariff Code8483.60.4000UNSPC25173810Jote 1Performance ratings are for guidance only. The user must determine suitability for a particular application.Prop 65MARNING This product can expose you to the chemical Nickel (metallic), known to the State of Californ	Material Specification	Pins and Blocks: 416 Stainless	Manufacturer	Belden Universal
Fariff Code8483.60.4000UNSPC25173810Iote 1Performance ratings are for guidance only. The user must determine suitability for a particular application.Prop 65MARNING This product can expose you to the chemical Nickel (metallic), known to the State of Californ	Country of Origin	USA	Recommended Lubricant	LUBRIPLATE No. 1200-2
Iote 1Performance ratings are for guidance only. The user must determine suitability for a particular application.Prop 65MARNING This product can expose you to the chemical Nickel (metallic), known to the State of Californ	Matching Boot Cover	UBOOT24/38-NI-KIT	UPC	63452933278
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	<b>WARNING</b> This product can expose you to the chemical Nickel (metallic), known to the State of California to cause cancer. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .		