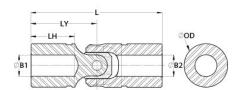




## US32-1"-25MM-SS

Ruland US32-1"-25MM-SS, 1" x 25mm Single Universal Joint, Friction Bearing, Stainless Steel, 1.995" (50.7mm) OD, 5.500" (139.7mm) Length





## **Description**

Ruland US32-1"-25MM-SS is a single cardan friction bearing universal joint with 1.0000" x 25mm bores, 1.995" (50.7mm) OD, and 5.500" (139.7mm) 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. US32-1"-25MM-SS is made from high grade stainless steel for increased corrosion resistance. It can be combined with boot UBOOT32/51-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 Penetration				
Joint Outer Diameter (OD)  1.995 in (50.7 mm)  Bore Tolerance  +0.0010 in / -0.0000 in (+0.025 mm / -0.000 mm)  Length (L)  5.500 in (139.7 mm)  Yoke Length (LY)  2.750 in (69.9 mm)  Hub Depth (LH)  1.700 in (43.2 mm)  Peak Torque  15,600 in-lb (1,762.6 Nm)  Max Operating Angle  45°  Manufacturer  Belden Universal  Pins and Blocks: 416 Stainless Steel Pins and Blocks: 416 Stainless Steel  Pins and Blocks: 416 Stainless Steel  Watching Boot Cover  UBOOT32/51-NI-KIT  UPC  63452933466  Tariff Code  8483.60.4000  UNSPC  25173810  Performance ratings are for guidance only. The user must determine suitability for a particular application.  Prop 65	Bore (B1)	1.0000 in	Small Bore (B2)	25 mm
/-0.000 mm)  Length (L) 5.500 in (139.7 mm) Yoke Length (LY) 2.750 in (69.9 mm)  Hub Depth (LH) 1.700 in (43.2 mm) Peak Torque 15,600 in-lb (1,762.6 Nm)  Rated Torque 3,120 in-lb (352.5 Nm) Max Operating Angle 45°  Material Specification Yokes: 303 Stainless Steel Pins and Blocks: 416 Stainless Steel Pins and Blocks: 416 Stainless Steel  Country of Origin USA Recommended Lubricant LUBRIPLATE No. 1200-2  Matching Boot Cover UBOOT32/51-NI-KIT UPC 63452933466  Tariff Code 8483.60.4000 UNSPC 25173810  Performance ratings are for guidance only. The user must determine suitability for a particular application.  Prop 65	B1 Max Shaft Penetration	1.700 in (43.2 mm)	B2 Max Shaft Penetration	1.700 in (43.2 mm)
Hub Depth (LH)  1.700 in (43.2 mm)  Rated Torque  3,120 in-lb (352.5 Nm)  Max Operating Angle  45°  Material Specification  Yokes: 303 Stainless Steel Pins and Blocks: 416 Stainless Steel  Country of Origin  USA  Recommended Lubricant  LUBRIPLATE No. 1200-2  Matching Boot Cover  UBOOT32/51-NI-KIT  UPC  63452933466  Tariff Code  8483.60.4000  UNSPC  25173810  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 Californical can be applicated by the chemical Nickel (metallic), known to the State of Californical can be applicated by the chemical Nickel (metallic), known to the State of Californical can be applicated by the chemical Nickel (metallic), known to the State of Californical can be applicated by the chemical Nickel (metallic), known to the State of Californical can be applicated by the chemical Nickel (metallic), known to the State of Californical can be applicated by the chemical Nickel (metallic), known to the State of Californical can be applicated by the chemical Nickel (metallic), known to the State of Californical can be applicated by the chemical Nickel (metallic), known to the State of Californical can be applicated by the chemical Nickel (metallic), known to the State of Californical can be applicated by the chemical Nickel (metallic), known to the State of Californical can be applicated by the chemical Nickel (metallic), known to the State of Californical can be applicated by the chemical Nickel (metallic) application to the chemical can be applicated by the chemical Nickel (metallic) application to the chemical can be applicated by th	Joint Outer Diameter (OD)	1.995 in (50.7 mm)	Bore Tolerance	+0.0010 in / -0.0000 in (+0.025 mm / -0.000 mm)
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Matching Boot Cover       UBOOT32/51-NI-KIT       UPC       63452933466         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 Californic	Material Specification	Pins and Blocks: 416 Stainless	Manufacturer	Belden Universal
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Prop 65WARNING This product can expose you to the chemical Nickel (metallic), known to the State of California	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 Californi to cause cancer. For more information go to <a href="https://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .		