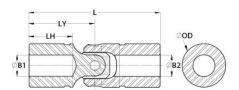




US24-19MM-1/2"-SS

Ruland US24-19MM-1/2"-SS, 19mm x 1/2" Single Universal Joint, Friction Bearing, Stainless Steel, 1.495" (38.0mm) OD, 4.250" (108.0mm) Length





Description

Ruland US24-19MM-1/2"-SS is a single cardan friction bearing universal joint with 19mm x 0.5000" 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. US24-19MM-1/2"-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

B1 Max Shaft Penetration Joint Outer Diameter (OD) Length (L) Hub Depth (LH) Rated Torque Material Specification Country of Origin Matching Boot Cover Tariff Code Note 1			
Joint Outer Diameter (OD) Length (L) Hub Depth (LH) Rated Torque Material Specification Country of Origin Matching Boot Cover Tariff Code Note 1	19 mm	Small Bore (B2)	0.5000 in
Length (L) 4 Hub Depth (LH) 1 Rated Torque 1 Material Specification 9 Country of Origin L Matching Boot Cover L Tariff Code 8 Note 1 F	1.400 in (35.6 mm)	B2 Max Shaft Penetration	1.400 in (35.6 mm)
Hub Depth (LH) 1 Rated Torque 1 Material Specification 9 Country of Origin U Matching Boot Cover L Tariff Code 8 Note 1 F	1.495 in (38.0 mm)	Bore Tolerance	+0.0010 in / -0.0000 in (+0.025 mm / -0.000 mm)
Rated Torque 1 Material Specification 7 Country of Origin U Matching Boot Cover L Tariff Code 8 Note 1 F	4.250 in (108.0 mm)	Yoke Length (LY)	2.125 in (54.0 mm)
Material Specification F Country of Origin Matching Boot Cover Tariff Code Note 1 F F	1.400 in (35.6 mm)	Peak Torque	7,250 in-lb (819.1 Nm)
Country of Origin Matching Boot Cover Lariff Code Note 1	1,450 in-lb (163.8 Nm)	Max Operating Angle	45°
Matching Boot Cover Tariff Code 8 Note 1 F	Yokes: 303 Stainless Steel Pins and Blocks: 416 Stainless Steel	Manufacturer	Belden Universal
Tariff Code 8 Note 1 F	USA	Recommended Lubricant	LUBRIPLATE No. 1200-2
Note 1 F	UBOOT24/38-NI-KIT	UPC	63452933178
	8483.60.4000	UNSPC	25173810
Prop 65	Performance 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 California to cause cancer. For more information go to www.P65Warnings.ca.gov .		