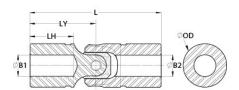




## US24-3/4"-12MM-SS

Ruland US24-3/4"-12MM-SS, 3/4" x 12mm Single Universal Joint, Friction Bearing, Stainless Steel, 1.495" (38.0mm) OD, 4.250" (108.0mm) Length





## **Description**

Ruland US24-3/4"-12MM-SS is a single cardan friction bearing universal joint with 0.7500" x 12mm 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. US24-3/4"-12MM-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** 

0.7500 in 1.400 in (35.6 mm) 1.495 in (38.0 mm) 4.250 in (108.0 mm) 1.400 in (35.6 mm) 1,450 in-lb (163.8 Nm)	Small Bore (B2) B2 Max Shaft Penetration Bore Tolerance  Yoke Length (LY) Peak Torque	12 mm 1.400 in (35.6 mm) +0.0010 in / -0.0000 in (+0.025 mm / -0.000 mm) 2.125 in (54.0 mm) 7250 in-lb (819.1 Nm)
1.495 in (38.0 mm) 4.250 in (108.0 mm) 1.400 in (35.6 mm)	Bore Tolerance Yoke Length (LY)	+0.0010 in / -0.0000 in (+0.025 mm / -0.000 mm) 2.125 in (54.0 mm)
4.250 in (108.0 mm) 1.400 in (35.6 mm)	Yoke Length (LY)	/ -0.000 mm) 2.125 in (54.0 mm)
1.400 in (35.6 mm)		· · · · · · · · · · · · · · · · · · ·
	Peak Torque	7250 in-lh (810 1 Nm)
1 450 in-lh (163 8 Nm)		1200 111-10 (010.1 NIII)
1,430 III-ID (103.0 IVIII)	Max Operating Angle	45°
Yokes: 303 Stainless Steel Pins and Blocks: 416 Stainless Steel	Manufacturer	Belden Universal
USA	Recommended Lubricant	LUBRIPLATE No. 1200-2
UBOOT24/38-NI-KIT	UPC	63452933200
8483.60.4000	UNSPC	25173810
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 <a href="https://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .		
	8483.60.4000  Performance ratings are for guida  MARNING This product can e	8483.60.4000 UNSPC Performance ratings are for guidance only. The user must determine  WARNING This product can expose you to the chemical Nickel (