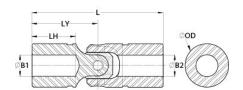




## US12-9MM-1/4"-F

Ruland US12-9MM-1/4"-F, 9mm x 1/4" Single Universal Joint, Friction Bearing, Steel, 0.745" (18.9mm) OD, 2.688" (68.3mm) Length





## **Description**

Ruland US12-9MM-1/4"-F is a single cardan friction bearing universal joint with 9mm x 0.2500" bores, 0.745" (18.9mm) OD, and 2.688" (68.3mm) 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. US12-9MM-1/4"-F is made from high grade alloy steel for durability and high strength. It can be combined with boot UBOOT12/19-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** 

9 mm	Small Bore (B2)	0.2500 in
0.950 in (24.1 mm)	<b>B2 Max Shaft Penetration</b>	0.950 in (24.1 mm)
0.745 in (18.9 mm)	Bore Tolerance	+0.0010 in / -0.0000 in (+0.025 mm / -0.000 mm)
2.688 in (68.3 mm)	Yoke Length (LY)	1.344 in (34.1 mm)
0.950 in (24.1 mm)	Peak Torque	1,250 in-lb (141.2 Nm)
250 in-lb (28.2 Nm)	Max Operating Angle	45°
Alloy Steel	Manufacturer	Belden Universal
USA	Recommended Lubricant	LUBRIPLATE No. 1200-2
UBOOT12/19-NI-KIT	UPC	63452932923
8483.60.4000	UNSPC	25173810
Performance ratings are for guidance only. The user must determine suitability for a particular application.		
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	0.950 in (24.1 mm) 0.745 in (18.9 mm)  2.688 in (68.3 mm) 0.950 in (24.1 mm) 250 in-lb (28.2 Nm) Alloy Steel USA UBOOT12/19-NI-KIT 8483.60.4000 Performance ratings are for g  MARNING This product can California to cause cancer and	0.950 in (24.1 mm) B2 Max Shaft Penetration 0.745 in (18.9 mm) Bore Tolerance  2.688 in (68.3 mm) Voke Length (LY) 0.950 in (24.1 mm) Peak Torque 250 in-lb (28.2 Nm) Max Operating Angle Alloy Steel Manufacturer USA Recommended Lubricant UBOOT12/19-NI-KIT UPC 8483.60.4000 UNSPC Performance ratings are for guidance only. The user must determine  ▲WARNING This product can expose you to the chemical Ethylen California to cause cancer and birth defects or other reproductive has