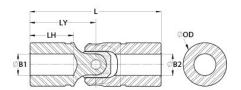




USS10-1/4"-6MM-F

Ruland USS10-1/4"-6MM-F, 1/4" x 6mm Single Universal Joint, Friction Bearing, Steel, Set Screw, 0.620" (15.7mm) OD, 2.250" (57.2mm) Length





Description

Ruland USS10-1/4"-6MM-F is a single cardan friction bearing universal joint with 0.2500" x 6mm bores, 0.620" (15.7mm) OD, 2.250" (57.2mm) length, and #10-32 set screws. 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. USS10-1/4"-6MM-F is designed for use in high RPM applications up to 6000 RPM and has extended service life due to pre-lubricated maintenance free bearings. It can be combined with boot UBOOT10/15-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

0.2500 in	Small Bore (B2)	6 mm
0.820 in (20.8 mm)	B2 Max Shaft Penetration	0.820 in (20.8 mm)
0.620 in (15.7 mm)	Bore Tolerance	+0.0010 in / -0.0000 in (+0.025 mm / -0.000 mm)
2.250 in (57.2 mm)	Yoke Length (LY)	1.125 in (28.6 mm)
0.820 in (20.8 mm)	Broached Set Screw	#10-32
Black Oxide	Peak Torque	675 in-lb (76.3 Nm)
135 in-lb (15.3 Nm)	Max Operating Angle	45°
Alloy Steel	Manufacturer	Belden Universal
USA	Recommended Lubricant	LUBRIPLATE No. 1200-2
UBOOT10/15-NI-KIT	UPC	63452933705
8483.60.4000	UNSPC	25173810
Performance ratings are for guidance only. The user must determine suitability for a particular application.		
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	0.820 in (20.8 mm) 0.620 in (15.7 mm) 2.250 in (57.2 mm) 0.820 in (20.8 mm) Black Oxide 135 in-lb (15.3 Nm) Alloy Steel USA UBOOT10/15-NI-KIT 8483.60.4000 Performance ratings are for g MARNING This product can California to cause cancer and	0.820 in (20.8 mm) 0.620 in (15.7 mm) Bore Tolerance 2.250 in (57.2 mm) 0.820 in (20.8 mm) Broached Set Screw Black Oxide Peak Torque 135 in-lb (15.3 Nm) Max Operating Angle Alloy Steel WARNING This product can expose you to the chemical Ethylence California to cause cancer and birth defects or other reproductive has