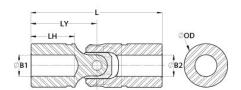




## US40-1 7/16"-32MM-F

Ruland US40-1 7/16"-32MM-F, 1 7/16" x 32mm Single Universal Joint, Friction Bearing, Steel, 2.495" (63.4mm) OD, 7.000" (177.8mm) Length





## **Description**

Ruland US40-1 7/16"-32MM-F is a single cardan friction bearing universal joint with 1.4375" x 32mm bores, 2.495" (63.4mm) OD, and 7.000" (177.8mm) 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. US40-1 7/16"-32MM-F is made from high grade alloy steel for durability and high strength. It can be combined with boot UBOOT40/64-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** 

1.4375 in	Small Bore (B2)	32 mm
2.090 in (53.1 mm)	<b>B2 Max Shaft Penetration</b>	2.090 in (53.1 mm)
2.495 in (63.4 mm)	Bore Tolerance	+0.0010 in / -0.0000 in (+0.025 mm / -0.000 mm)
7.000 in (177.8 mm)	Yoke Length (LY)	3.500 in (88.9 mm)
2.090 in (53.1 mm)	Peak Torque	32,000 in-lb (3,615.5 Nm)
6,400 in-lb (723.1 Nm)	Max Operating Angle	45°
Alloy Steel	Manufacturer	Belden Universal
USA	Recommended Lubricant	LUBRIPLATE No. 1200-2
UBOOT40/64-NI-KIT	UPC	63452933659
8483.60.4000	UNSPC	25173810
Performance ratings are for guidance only. The user must determine suitability for a particular application.		
	2.090 in (53.1 mm) 2.495 in (63.4 mm)  7.000 in (177.8 mm) 2.090 in (53.1 mm) 6,400 in-lb (723.1 Nm) Alloy Steel USA UBOOT40/64-NI-KIT 8483.60.4000 Performance ratings are for gu WARNING This product ca California to cause cancer and	2.090 in (53.1 mm)  2.495 in (63.4 mm)  Bore Tolerance  7.000 in (177.8 mm)  2.090 in (53.1 mm)  Peak Torque  6,400 in-lb (723.1 Nm)  Alloy Steel  Wanufacturer  USA  Recommended Lubricant  UBOOT40/64-NI-KIT  UPC  8483.60.4000  UNSPC  Performance ratings are for guidance only. The user must determine was a cause cancer and birth defects or other reproductive has a cancer and birth defects or other reproductive has a cancer and birth defects or other reproductive has a cancer and birth defects or other reproductive has a cancer and birth defects or other reproductive has a cancer and birth defects or other reproductive has a cancer and birth defects or other reproductive has a canc