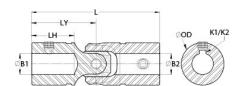




## USSK32-24MM-3/4"-F

Ruland USSK32-24MM-3/4"-F, 24mm x 3/4" Single Universal Joint, Friction Bearing, Steel, Set Screw With Keyway, 1.995" (50.7mm) OD, 5.500" (139.7mm) Length





## **Description**

Ruland USSK32-24MM-3/4"-F is a single cardan friction bearing universal joint with 24mm x 0.7500" bores, 8mm x 3/16" keyways, 1.995" (50.7mm) OD, 5.500" (139.7mm) length, and 3/8-16 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. USSK32-24MM-3/4"-F is made from high grade alloy steel for durability and high strength. It can be combined with boot UBOOT32/51-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** 

24 mm	Small Bore (B2)	0.7500 in
8 mm	Keyway (K2)	3/16 in
1.700 in (43.2 mm)	<b>B2 Max Shaft Penetration</b>	1.700 in (43.2 mm)
1.995 in (50.7 mm)	Bore Tolerance	+0.0010 in / -0.0000 in (+0.025 mm / -0.000 mm)
5.500 in (139.7 mm)	Yoke Length (LY)	2.750 in (69.9 mm)
1.700 in (43.2 mm)	Broached Set Screw	3/8-16
Black Oxide	Peak Torque	21,500 in-lb (2,429.2 Nm)
4,300 in-lb (485.8 Nm)	Max Operating Angle	45°
Alloy Steel	Manufacturer	Belden Universal
USA	Recommended Lubricant	LUBRIPLATE No. 1200-2
UBOOT32/51-NI-KIT	UPC	63452934335
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 Ethylene Thiourea, known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="https://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .		
	8 mm 1.700 in (43.2 mm) 1.995 in (50.7 mm)  5.500 in (139.7 mm) 1.700 in (43.2 mm) Black Oxide 4,300 in-lb (485.8 Nm) Alloy Steel USA UBOOT32/51-NI-KIT 8483.60.4000 Performance ratings are for guid WARNING This product can be California to cause cancer and be	8 mm Keyway (K2)  1.700 in (43.2 mm) B2 Max Shaft Penetration  1.995 in (50.7 mm) Bore Tolerance  5.500 in (139.7 mm) Yoke Length (LY)  1.700 in (43.2 mm) Broached Set Screw  Black Oxide Peak Torque 4,300 in-lb (485.8 Nm) Max Operating Angle Alloy Steel Manufacturer USA Recommended Lubricant UBOOT32/51-NI-KIT UPC  8483.60.4000 UNSPC Performance ratings are for guidance only. The user must determine warm of the chemical Ethylen California to cause cancer and birth defects or other reproductive has