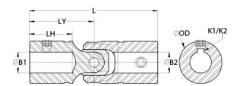




USSK24-12MM-12MM-F

Ruland USSK24-12MM-12MM-F, 12mm x 12mm Single Universal Joint, Friction Bearing, Steel, Set Screw With Keyway, 38.0mm OD, 108.0mm Length





Description

Ruland USSK24-12MM-12MM-F is a single cardan friction bearing universal joint with 12mm x 12mm bores, 4mm x 4mm keyways, 38.0mm OD, 108.0mm length, and 5/16-18 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. USSK24-12MM-12MM-F is made from high grade alloy steel for durability and high strength. 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

12 mm	Small Bore (B2)	12 mm
4 mm	Keyway (K2)	4 mm
35.6 mm	B2 Max Shaft Penetration	35.6 mm
38.0 mm	Bore Tolerance	+0.025 mm / -0.000 mm
108.0 mm	Yoke Length (LY)	54.0 mm
35.6 mm	Broached Set Screw	5/16-18
Black Oxide	Peak Torque	1129.8 Nm
226.0 Nm	Max Operating Angle	45°
Alloy Steel	Manufacturer	Belden Universal
USA	Recommended Lubricant	LUBRIPLATE No. 1200-2
UBOOT24/38-NI-KIT	UPC	63452934033
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 www.P65Warnings.ca.gov .		
	4 mm 35.6 mm 38.0 mm 108.0 mm 35.6 mm Black Oxide 226.0 Nm Alloy Steel USA UBOOT24/38-NI-KIT 8483.60.4000 Performance ratings are for guid WARNING This product can California to cause cancer and by	4 mm Keyway (K2) 35.6 mm B2 Max Shaft Penetration 38.0 mm Bore Tolerance 108.0 mm Yoke Length (LY) 35.6 mm Broached Set Screw Black Oxide Peak Torque 226.0 Nm Max Operating Angle Alloy Steel Manufacturer USA Recommended Lubricant UBOOT24/38-NI-KIT UPC 8483.60.4000 UNSPC Performance ratings are for guidance only. The user must determine California to cause cancer and birth defects or other reproductive has