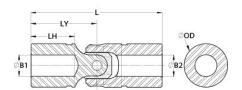




US24-19MM-1/2"-F

Ruland US24-19MM-1/2"-F, 19mm x 1/2" Single Universal Joint, Friction Bearing, Steel, 1.495" (38.0mm) OD, 4.250" (108.0mm) Length





Description

Ruland US24-19MM-1/2"-F is a single cardan friction bearing universal joint with 19mm x 0.5000" bores, 1.495" (38.0mm) OD, and 4.250" (108.0mm) 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. US24-19MM-1/2"-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

19 mm 1.400 in (35.6 mm) 1.495 in (38.0 mm)	Small Bore (B2) B2 Max Shaft Penetration Bore Tolerance	0.5000 in 1.400 in (35.6 mm) +0.0010 in / -0.0000 in (+0.025 mm
1.495 in (38.0 mm)		· · · · · · · · · · · · · · · · · · ·
,	Bore Tolerance	+0.0010 in / -0.0000 in (+0.025 mm
		/ -0.000 mm)
4.250 in (108.0 mm)	Yoke Length (LY)	2.125 in (54.0 mm)
1.400 in (35.6 mm)	Peak Torque	10,000 in-lb (1,129.8 Nm)
2,000 in-lb (226.0 Nm)	Max Operating Angle	45°
Alloy Steel	Manufacturer	Belden Universal
USA	Recommended Lubricant	LUBRIPLATE No. 1200-2
UBOOT24/38-NI-KIT	UPC	63452933177
8483.60.4000	UNSPC	25173810
Performance ratings are for guidance only. The user must determine suitability for a particular application.		
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	USA UBOOT24/38-NI-KIT 8483.60.4000 Performance ratings are for guid WARNING This product can California to cause cancer and	USA Recommended Lubricant UBOOT24/38-NI-KIT UPC 8483.60.4000 UNSPC