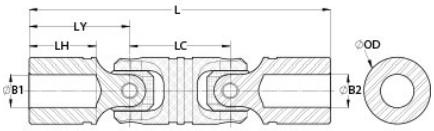
UD24-1/2"-12MM-F

Ruland UD24-1/2"-12MM-F, 1/2" x 12mm Double Universal Joint, Friction Bearing, Steel, 1.495" (38.0mm) OD, 6.563" (166.7mm) Length



Description

Ruland UD24-1/2"-12MM-F is a double cardan friction bearing universal joint with 0.5000" x 12mm bores, 1.495" (38.0mm) OD, and 6.563" (166.7mm) length. It is ideal for applications with wide distances between shafts and can accommodate all forms of misalignment. This plain bearing double 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 90° when compared to commodity style double universal joints. UD24-1/2"-12MM-F is made from high grade stainless steel for increased corrosion resistance. It can be combined with boot UBOOT24/38-NI-KIT to protect the joints from unwanted contaminants such as dust or water and self lubricate reducing maintenance time. This double cardan universal joint is manufactured in the USA by Belden Universal for strict control of processes.

Product Specifications

Bore (B1)	0.5000 in	**Small Bore (B2)**	12 mm
B1 Max Shaft Penetration	1.400 in (35.6 mm)	**B2 Max Shaft Penetration**	1.400 in (35.6 mm)
Joint Outer Diameter (OD)	1.495 in (38.0 mm)	**Bore Tolerance**	+0.0010 in / -0.0000 in (+0.025 mm / -0.000 mm)
Length (L)	6.563 in (166.7 mm)	**Center Yoke Length (LC)**	2.313 in (58.8 mm)
Yoke Length (LY)	2.125 in (54.0 mm)	**Hub Depth (LH)**	1.400 in (35.6 mm)
Peak Torque	9,000 in-lb (1,016.9 Nm)	**Rated Torque**	1,800 in-lb (203.4 Nm)
Max Operating Angle	90°	**Material Specification**	Alloy Steel
Manufacturer	Belden Universal	**Country of Origin**	USA
Recommended Lubricant	LUBRIPLATE No. 1200-2	**Matching Boot Cover**	UBOOT24/38-NI-KIT
UPC	63452931847	**Tariff Code**	8483.60.4000
UNSPC	25173810		
Note 1	Performance ratings are for guidance only. The user must determine suitability for a particular application.		
Prop 65	⚠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.		