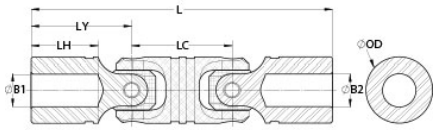
UD24-18MM-12MM-F

Ruland UD24-18MM-12MM-F, 18mm x 12mm Double Universal Joint, Friction Bearing, Steel, 38.0mm OD, 166.7mm Length





Description

Ruland UD24-18MM-12MM-F is a double cardan friction bearing universal joint with 18mm x 12mm bores, 38.0mm OD, and 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. UD24-18MM-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)	18 mm	**Small Bore (B2)**	12 mm
B1 Max Shaft Penetration	35.6 mm	**B2 Max Shaft Penetration**	35.6 mm
Joint Outer Diameter (OD)	38.0 mm	**Bore Tolerance**	+0.025 mm / -0.000 mm
Length (L)	166.7 mm	**Center Yoke Length (LC)**	58.8 mm
Yoke Length (LY)	54.0 mm	**Hub Depth (LH)**	35.6 mm
Peak Torque	1016.9 Nm	**Rated Torque**	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	63452931859	**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.		