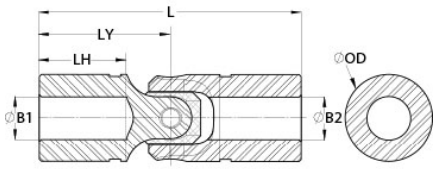
MUS10-5-5-F

Ruland MUS10-5-5-F, 5mm x 5mm Single Universal Joint, Friction Bearing, Steel, 9.4mm OD, 40.0mm Length





Description

Ruland MUS10-5-5-F is a single cardan friction bearing universal joint with 5mm x 5mm bores, 9.4mm OD, and 40.0mm 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. MUS10-5-5-F is made from high grade alloy steel for durability and high strength. It can be combined with boot UBOOT6/10-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

Bore (B1)	5 mm	**Small Bore (B2)**	5 mm
B1 Max Shaft Penetration	14.8 mm	**B2 Max Shaft Penetration**	14.8 mm
Joint Outer Diameter (OD)	9.4 mm	**Bore Tolerance**	+0.012 mm / -0.000 mm
Length (L)	40.0 mm	**Yoke Length (LY)**	20.0 mm
Hub Depth (LH)	14.8 mm	**Rated Torque**	2.3 Nm
Max Operating Angle	45°	**Material Specification**	Alloy Steel
Manufacturer	Belden Universal	**Country of Origin**	USA
Weight (lbs)	0.031500	**Recommended Lubricant**	LUBRIPLATE No. 1200-2
UPC	634529287569	**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.		