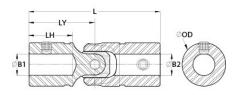




USS8-5MM-5MM-SS

Ruland USS8-5MM-5MM-SS, 5mm x 5mm Single Universal Joint, Friction Bearing, Stainless Steel, Set Screw, 12.6mm OD, 50.8mm Length





Description

Ruland USS8-5MM-5MM-SS is a single cardan friction bearing universal joint with 5mm x 5mm bores, 12.6mm OD, 50.8mm length, and #4-40 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. USS8-5MM-5MM-SS is designed for use in high RPM applications up to 6000 RPM and has extended service life due to pre-lubricated maintenance free bearings. It can be combined with boot UBOOT8/13-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 mmB1 Max Shaft Penetration18.8 mmJoint Outer Diameter (OD)12.6 mmLength (L)50.8 mmHub Depth (LH)18.8 mmScrew FinishBrightRated Torque5.4 Nm	Small Bore (B2) B2 Max Shaft Penetration	5 mm 18.8 mm	
Joint Outer Diameter (OD)12.6 mmLength (L)50.8 mmHub Depth (LH)18.8 mmScrew FinishBright	B2 Max Shaft Penetration	18 8 mm	
Length (L)50.8 mmHub Depth (LH)18.8 mmScrew FinishBright			
Hub Depth (LH)18.8 mmScrew FinishBright	Bore Tolerance	+0.025 mm / -0.000 mm	
Screw Finish Bright	Yoke Length (LY)	25.4 mm	
	Broached Set Screw	#4-40	
Rated Torque 5.4 Nm	Peak Torque	27.1 Nm	
	Max Operating Angle	45°	
Material Specification Yokes: 303 Stainless Steel Pins and Blocks: 416 Stainless Steel	Manufacturer	Belden Universal	
Country of Origin USA	Recommended Lubricant	LUBRIPLATE No. 1200-2	
Matching Boot Cover UBOOT8/13-NI-KIT	UPC	63452933758	
Tariff Code 8483.60.4000	UNSPC	25173810	
Note 1 Performance ratings are for guida	Performance ratings are for guidance only. The user must determine suitability for a particular application.		
	AWARNING This product can expose you to the chemical Nickel (metallic), known to the State of California to cause cancer. For more information go to <u>www.P65Warnings.ca.gov</u> .		