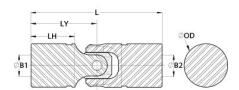




US16-XX-XX-SS

Ruland US16-XX-XX-SS, Machinable Bore Single Universal Joint, Friction Bearing, Stainless Steel, 0.995" (25.3mm) OD, 3.380" (85.9mm) Length





Description

Ruland US16-XX-XX-SS is a single cardan friction bearing universal joint with friction bores that can be machined with a bore size and geometry of the user's choice. It has a 0.995" (25.3mm) OD and 3.380" (85.9mm) length. US16-XX-XX-SS 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. US16-XX-XX-SS is made from high grade stainless steel for increased corrosion resistance. It can be combined with boot UBOOT16/25-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

Note 1	Performance ratings are for guidance only. The user must determine suitability for a particular application. •••••••••••••••••••••••••••••••••••		
Matching Boot Cover Tariff Code	8483.60.4000	UNSPC	25173810
Weight (lbs)	0.665000 UBOOT16/25-NI-KIT	Recommended Lubricant UPC	LUBRIPLATE No. 1200-2 634529289679
Manufacturer	Belden Universal	Country of Origin	USA
Max Operating Angle	45°	Material Specification	Yokes: 303 Stainless Steel Pins and Blocks: 416 Stainless Steel
Peak Torque	1575 in-lb (178.0 Nm)	Rated Torque	315 in-lb (35.6 Nm)
Max Round Bore w/ Key (Inch)	9/16" Bore, 1/8" Keyway	Max Round Bore w/ Key (Metric)	15mm Bore, 5mm Keyway
Max Blind Bore (Inch)	0.8130 in	Max Blind Bore (Metric)	20 mm
Max Hex or Square Bore (Inch)	0.5625 in	Max Hex or Square Bore (Metric)	14 mm
Max Round Bore (Inch)	0.5938 in	Max Round Bore (Metric)	15 mm
Yoke Length (LY)	1.688 in (42.9 mm)	Hub Depth (LH)	1.190 in (30.2 mm)
Joint Outer Diameter (OD)	0.995 in (25.3 mm)	Length (L)	3.380 in (85.9 mm)
B1 Max Shaft Penetration	1.190 in (30.2 mm)	B2 Max Shaft Penetration	1.190 in (30.2 mm)
Bore (B1)	No Bore	Small Bore (B2)	No Bore