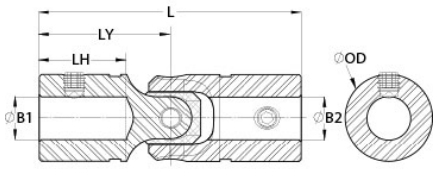
USS6-3-3-F

Ruland USS6-3-3-F, 3/16" x 3/16" Single Universal Joint, Friction Bearing, Steel, Set Screw, 0.370" OD, 1.750" Length





Description

Ruland USS6-3-3-F is a single cardan friction bearing universal joint with 0.1875" x 0.1875" bores, 0.370" OD, 1.750" length, and #2-56 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. USS6-3-3-F 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 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)	0.1875 in	**Small Bore (B2)**	0.1875 in
B1 Max Shaft Penetration	0.670 in	**B2 Max Shaft Penetration**	0.670 in
Joint Outer Diameter (OD)	0.370 in	**Bore Tolerance**	+0.0010 in / -0.0000 in
Length (L)	1.750 in	**Yoke Length (LY)**	0.875 in
Hub Depth (LH)	0.670 in	**Broached Set Screw**	#2-56
Screw Material	Alloy Steel	**Screw Finish**	Black Oxide
Peak Torque	100 in-lb	**Rated Torque**	20 in-lb
Max Operating Angle	45°	**Material Specification**	Alloy Steel
Manufacturer	Belden Universal	**Country of Origin**	USA
Weight (lbs)	0.035000	**Recommended Lubricant**	LUBRIPLATE No. 1200-2
Matching Boot Cover	UBOOT6/10-NI-KIT	**UPC**	634529290446
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.		