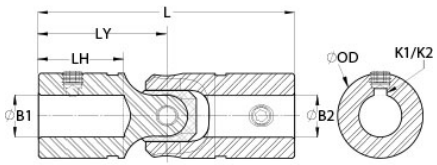
USSK40-16-16-F

Ruland USSK40-16-16-F, 1" x 1" Single Universal Joint, Friction Bearing, Steel, Set Screw With Keyway, 2.495" OD, 7.000" Length





Description

Ruland USSK40-16-16-F is a single cardan friction bearing universal joint with 1.0000" x 1.0000" bores, 1/4" x 1/4" keyways, 2.495" OD, 7.000" length, and 3/8-16 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. USSK40-16-16-F is made from high grade alloy steel for durability and high strength. It can be combined with boot UBOOT40/64-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)	1.0000 in	**Small Bore (B2)**	1.0000 in
Keyway (K1)	1/4 in	**Keyway (K2)**	1/4 in
B1 Max Shaft Penetration	2.090 in	**B2 Max Shaft Penetration**	2.090 in
Joint Outer Diameter (OD)	2.495 in	**Bore Tolerance**	+0.0010 in / -0.0000 in
Length (L)	7.000 in	**Yoke Length (LY)**	3.500 in
Hub Depth (LH)	2.090 in	**Broached Set Screw**	3/8-16
Screw Finish	Black Oxide	**Peak Torque**	32000 in-lb
Rated Torque	6,400 in-lb	**Max Operating Angle**	45°
Material Specification	Alloy Steel	**Manufacturer**	Belden Universal
Country of Origin	USA	**Weight (lbs)**	6.428000
Recommended Lubricant	LUBRIPLATE No. 1200-2	**Matching Boot Cover**	UBOOT40/64-NI-KIT
UPC	63452934367	**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.		