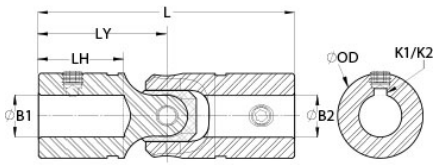
USSK20-8-7-SS

Ruland USSK20-8-7-SS, 1/2" x 7/16" Single Universal Joint, Friction Bearing, Stainless Steel, Set Screw With Keyway, 1.245" OD, 3.750" Length





Description

Ruland USSK20-8-7-SS is a single cardan friction bearing universal joint with 0.5000" x 0.4375" bores, 1/8" x 3/32" keyways, 1.245" OD, 3.750" length, and 5/16-18 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. USSK20-8-7-SS is made from high grade stainless steel for increased corrosion resistance. It can be combined with boot UBOOT20/32-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)	0.5000 in	**Small Bore (B2)**	0.4375 in
Keyway (K1)	1/8 in	**Keyway (K2)**	3/32 in
B1 Max Shaft Penetration	1.250 in	**B2 Max Shaft Penetration**	1.250 in
Joint Outer Diameter (OD)	1.245 in	**Bore Tolerance**	+0.0010 in / -0.0000 in
Length (L)	3.750 in	**Yoke Length (LY)**	1.875 in
Hub Depth (LH)	1.250 in	**Broached Set Screw**	5/16-18
Screw Finish	Bright	**Peak Torque**	3400 in-lb
Rated Torque	680 in-lb	**Max Operating Angle**	45°
Material Specification	Stainless Steel	**Manufacturer**	Belden Universal
Country of Origin	USA	**Weight (lbs)**	0.890000
Recommended Lubricant	LUBRIPLATE No. 1200-2	**Matching Boot Cover**	UBOOT20/32-NI-KIT
UPC	63452937090	**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 Nickel (metallic), known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.		