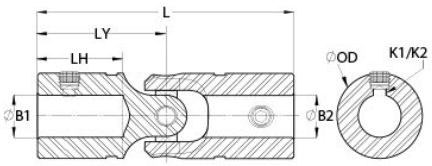
USKC32-16-16-F

Ruland USKC32-16-16-F, 1" x 1" Single Universal Joint, Needle Bearing, Steel, Set Screw With Keyway, 1.995" OD, 5.500" Length





Description

Ruland USKC32-16-16-F is a single cardan needle bearing universal joint with 1.0000" x 1.0000" bores, 1/4" x 1/4" keyways, 1.995" OD, 5.500" length, and 3/8-16 set screws. It is ideal for applications where higher accuracy, service life, and speed are required. This needle bearing universal joint is comprised of needle roller bearings, precision machined trunnions with hardened and ground journals, and two yokes for reduced friction and increased performance in high performance applications. USKC32-16-16-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 is made from high grade alloy steel for durability and high strength. When combined with bootUBOOT32/51-NI-KIT the joint is protected from unwanted contaminants such as dust or water and self lubricates 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	1.700 in	**B2 Max Shaft Penetration**	1.700 in
Joint Outer Diameter (OD)	1.995 in	**Bore Tolerance**	+0.0010 in / -0.0000 in
Length (L)	5.500 in	**Yoke Length (LY)**	2.750 in
Hub Depth (LH)	1.700 in	**Broached Set Screw**	3/8-16
Screw Material	Alloy Steel	**Screw Finish**	Black Oxide
Max Operating Angle	45°	**Material Specification**	Alloy Steel
Manufacturer	Belden Universal	**Country of Origin**	USA
Weight (lbs)	2.940000	**Recommended Lubricant**	LUBRIPLATE No. 1200-2
Matching Boot Cover	UBOOT32/51-NI-KIT	**UPC**	634529290422
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.		