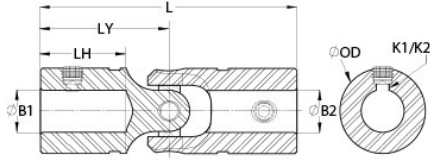




USKC16-8-8-SS

Ruland USKC16-8-8-SS, 1/2" x 1/2" Single Universal Joint, Needle Bearing, Stainless Steel, Set Screw With Keyway, 0.995" OD, 3.375" Length



Description

Ruland USKC16-8-8-SS is a single cardan needle bearing universal joint with 0.5000" x 0.5000" bores, 1/8" x 1/8" keyways, 0.995" OD, 3.375" length, and #10-32 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. USKC16-8-8-SS 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 stainless steel for increased corrosion resistance. When combined with boot [UBOOT16/25-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)	0.5000 in	Small Bore (B2)	0.5000 in
Keyway (K1)	1/8 in	Keyway (K2)	1/8 in
B1 Max Shaft Penetration	1.190 in	B2 Max Shaft Penetration	1.190 in
Joint Outer Diameter (OD)	0.995 in	Bore Tolerance	+0.0010 in / -0.0000 in
Length (L)	3.375 in	Yoke Length (LY)	1.688 in
Hub Depth (LH)	1.190 in	Broached Set Screw	#10-32
Screw Material	Stainless Steel	Max Operating Angle	45°
Material Specification	Yokes: 303 Stainless Steel Pins and Blocks: 416 Stainless Steel	Manufacturer	Belden Universal
Country of Origin	USA	Weight (lbs)	0.481000
Recommended Lubricant	LUBRIPLATE No. 1200-2	Matching Boot Cover	UBOOT16/25-NI-KIT
UPC	634529290385	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 .		