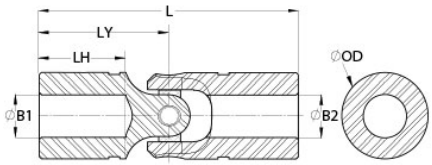
USC20-10-10-F

Ruland USC20-10-10-F, 5/8" x 5/8" Single Universal Joint, Needle Bearing, Steel, 1.245" OD, 3.750" Length





Description

Ruland USC20-10-10-F is a single cardan needle bearing universal joint with 0.6250" x 0.6250" bores, 1.245" OD, and 3.750" length. 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. USC20-10-10-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 boot UBOOT20/32-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)	0.6250 in	**Small Bore (B2)**	0.6250 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	**Max Operating Angle**	45°
Material Specification	Alloy Steel	**Manufacturer**	Belden Universal
Country of Origin	USA	**Weight (lbs)**	0.829000
Recommended Lubricant	LUBRIPLATE No. 1200-2	**Matching Boot Cover**	UBOOT20/32-NI-KIT
UPC	634529305225	**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.		