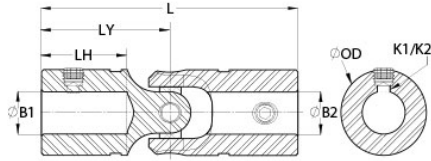




USKC24-12-12-F

Ruland USKC24-12-12-F, 3/4" x 3/4" Single Universal Joint, Needle Bearing, Steel, Set Screw With Keyway, 1.495" OD, 4.250" Length




Description

Ruland USKC24-12-12-F is a single cardan needle bearing universal joint with 0.7500" x 0.7500" bores, 3/16" x 3/16" keyways, 1.495" OD, 4.250" length, and 5/16-18 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. USKC24-12-12-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 bootUBOOT24/38-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)	0.7500 in	Small Bore (B2)	0.7500 in
Keyway (K1)	3/16 in	Keyway (K2)	3/16 in
B1 Max Shaft Penetration	1.380 in	B2 Max Shaft Penetration	1.380 in
Joint Outer Diameter (OD)	1.495 in	Bore Tolerance	+0.0010 in / -0.0000 in
Length (L)	4.250 in	Yoke Length (LY)	2.125 in
Hub Depth (LH)	1.380 in	Broached Set Screw	5/16-18
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)	1.310000	Recommended Lubricant	LUBRIPLATE No. 1200-2
Matching Boot Cover	UBOOT24/38-NI-KIT	UPC	634529290408
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.