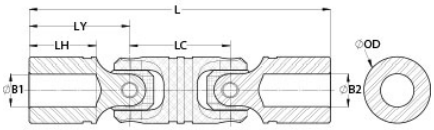
UD14-7-7-F

Ruland UD14-7-7-F, 7/16" x 7/16" Double Universal Joint, Friction Bearing, Steel, 0.870" OD, 4.375" Length





Description

Ruland UD14-7-7-F is a double cardan friction bearing universal joint with 0.4375" x 0.4375" bores, 0.870" OD, and 4.375" length. It is ideal for applications with wide distances between shafts and can accommodate all forms of misalignment. This plain bearing double 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 90° when compared to commodity style double universal joints. UD14-7-7-F is made from high grade alloy steel for durability and high strength. It can be combined with boot UBOOT14/22-NI-KIT to protect the joints from unwanted contaminants such as dust or water and self lubricate reducing maintenance time. This double cardan universal joint is manufactured in the USA by Belden Universal for strict control of processes.

Product Specifications

Bore (B1)	0.4375 in	**Small Bore (B2)**	0.4375 in
B1 Max Shaft Penetration	1.030 in	**B2 Max Shaft Penetration**	1.030 in
Joint Outer Diameter (OD)	0.870 in	**Bore Tolerance**	+0.0010 in / -0.0000 in
Length (L)	4.375 in	**Center Yoke Length (LC)**	1.375 in
Yoke Length (LY)	1.500 in	**Hub Depth (LH)**	1.030 in
Peak Torque	1575 in-lb	**Rated Torque**	315 in-lb
Max Operating Angle	90°	**Material Specification**	Alloy Steel
Manufacturer	Belden Universal	**Country of Origin**	USA
Weight (lbs)	0.506000	**Recommended Lubricant**	LUBRIPLATE No. 1200-2
Matching Boot Cover	UBOOT14/22-NI-KIT	**UPC**	634529288320
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.		