



UDS8-4-4-F

Ruland UDS8-4-4-F, 1/4" x 1/4" Double Universal Joint, Friction Bearing, Steel, Set Screw, 0.495" OD, 2.813" Length



Description

Ruland UDS8-4-4-F is a double cardan friction bearing universal joint with 0.2500" x 0.2500" bores, 0.495" OD, 2.813" length, and #4-40 set screws. 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. UDS8-4-4-F is made from high grade alloy steel for durability and high strength. It can be combined with boot UBOOT8/13-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)	0.2500 in	Small Bore (B2)	0.2500 in
B1 Max Shaft Penetration	0.740 in	B2 Max Shaft Penetration	0.740 in
Joint Outer Diameter (OD)	0.495 in	Bore Tolerance	+0.0010 in / -0.0000 in
Length (L)	2.813 in	Center Yoke Length (LC)	0.813 in
Yoke Length (LY)	1.000 in	Hub Depth (LH)	0.740 in
Broached Set Screw	#4-40	Screw Material	Alloy Steel
Screw Finish	Black Oxide	Peak Torque	315 in-lb
Rated Torque	63 in-lb	Max Operating Angle	90°
Material Specification	Alloy Steel	Manufacturer	Belden Universal
Country of Origin	USA	Weight (lbs)	0.104000
Recommended Lubricant	LUBRIPLATE No. 1200-2	Matching Boot Cover	UBOOT8/13-NI-KIT
UPC	634529289068	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 .		