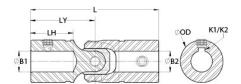




## USSK12-8MM-6MM-F

Ruland USSK12-8MM-6MM-F, 8mm x 6mm Single Universal Joint, Friction Bearing, Steel, Set Screw With Keyway, 18.9mm OD, 68.3mm Length





## **Description**

Ruland USSK12-8MM-6MM-F is a single cardan friction bearing universal joint with 8mm x 6mm bores, 2mm x NK keyways, 18.9mm OD, 68.3mm length, and #10-32 set screws. It is ideal for applications with space constraints and has higher torque capacity than equivalently sized double universal joints. This plain bearing 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 45° when compared to commodity style single universal joints. USSK12-8MM-6MM-F is made from high grade alloy steel for durability and high strength. It can be combined with boot UBOOT12/19-NI-KIT to protect the joint from unwanted contaminants such as dust or water and self lubricate reducing maintenance time. This single cardan universal joint is manufactured in the USA by Belden Universal for strict control of processes.

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Bore (B1)	8 mm	Small Bore (B2)	6 mm			
Keyway (K1)	2 mm	Keyway (K2)	NK			
B1 Max Shaft Penetration	24.1 mm	<b>B2 Max Shaft Penetration</b>	24.1 mm			
Joint Outer Diameter (OD)	18.9 mm	Bore Tolerance	+0.025 mm / -0.000 mm			
Length (L)	68.3 mm	Yoke Length (LY)	34.1 mm			
Hub Depth (LH)	24.1 mm	Broached Set Screw	#10-32			
Screw Finish	Black Oxide	Peak Torque	141.2 Nm			
Rated Torque	28.2 Nm	Max Operating Angle	45°			
Material Specification	Alloy Steel	Manufacturer	Belden Universal			
Country of Origin	USA	Recommended Lubricant	LUBRIPLATE No. 1200-2			
Matching Boot Cover	UBOOT12/19-NI-KIT	UPC	63452933799			
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	•	an expose you to the chemical Ethylen and birth defects or other reproductive ha	•			