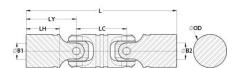




## **UD12-XX-XX-SS-KIT**

Ruland UD12-XX-XX-SS-KIT, Machinable Bore Double Universal Joint Kit, Friction Bearing, Stainless Steel, 0.745" (18.9mm) OD, 3.813" (96.9mm) Length





## **Description**

Ruland UD12-XX-XX-SS-KIT is a double cardan friction bearing universal joint kit that can be machined with a bore size and geometry of the user's choice. It has a 0.745" (18.9mm) OD and 3.813" (96.9mm) length. UD12-XX-XX-SS-KIT 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. UD12-XX-XX-SS-KIT is made from high grade stainless steel for increased corrosion resistance. It can be combined with boot UBOOT12/19-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** 

	Froduct Specifications			
Center Yoke Length (LC) 1.125 in (28.6 mm) Yoke Length (LY) 1.344 in (34.1 mm)  Hub Depth (LH) 0.950 in (24.1 mm) Max Round Bore (Inch) 0.4531 in  Max Round Bore (Metric) 11 mm Max Hex or Square Bore (Inch) 0.4375 in  Max Hex or Square Bore (Metric) 10 mm Max Blind Bore (Inch) 0.6250 in  Max Blind Bore (Metric) 15 mm Max Round Bore w/ Key (Inch) 7/16" Bore, 3/32" Keyway  Max Round Bore w/ Key (Metric) 12mm Bore, 4mm Keyway Peak Torque 790 in-lb (89.3 Nm)  Rated Torque 158 in-lb (17.9 Nm) Max Operating Angle 90°  Material Specification Yokes: 303 Stainless Steel Pins and Blocks: 416 Stainless Steel  Pins and Blocks: 416 Stainless St	B1 Max Shaft Penetration	0.950 in (24.1 mm)	B2 Max Shaft Penetration	0.950 in (24.1 mm)
Hub Depth (LH)  0.950 in (24.1 mm)  Max Round Bore (Inch)  0.4531 in  Max Round Bore (Metric)  11 mm  Max Hex or Square Bore (Inch)  0.4375 in  Max Hex or Square Bore (Inch)  0.6250 in  Max Blind Bore (Metric)  15 mm  Max Round Bore w/ Key (Inch)  7/16" Bore, 3/32" Keyway  Max Round Bore w/ Key (Metric)  12mm Bore, 4mm Keyway  Peak Torque  790 in-lb (89.3 Nm)  Rated Torque  158 in-lb (17.9 Nm)  Max Operating Angle  90°  Material Specification  Yokes: 303 Stainless Steel Pins and Blocks: 416 Stainless Steel  Country of Origin  USA  Weight (Ibs)  0.397000  Recommended Lubricant  LUBRIPLATE No. 1200-2  Matching Boot Cover  UBOOT12/19-NI-KIT  UPC  634529288313  Tariff Code  8483.60.4000  UNSPC  25173810  Note 1  Performance ratings are for guidance only. The user must determine suitability for a particular applicat  Prop 65	Joint Outer Diameter (OD)	0.745 in (18.9 mm)	Length (L)	3.813 in (96.9 mm)
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Rated Torque  158 in-lb (17.9 Nm)  Max Operating Angle  90°  Material Specification  Yokes: 303 Stainless Steel  Pins and Blocks: 416 Stainless Steel  Country of Origin  USA  Weight (Ibs)  0.397000  Recommended Lubricant  LUBRIPLATE No. 1200-2  Matching Boot Cover  UBOOT12/19-NI-KIT  UPC  634529288313  Tariff Code  8483.60.4000  UNSPC  25173810  Performance ratings are for guidance only. The user must determine suitability for a particular applicat  Prop 65  Max Operating Angle  90°  Manufacturer  Belden Universal  Belden Universal  Page 1000  Belden Universal  Page 1000  Belden Universal  Page 1000  Belden Universal  Page 1000  Natching Boot Cover  UBOOT12/19-NI-KIT  1000	Max Blind Bore (Metric)	15 mm	Max Round Bore w/ Key (Inch)	7/16" Bore, 3/32" Keyway
Material Specification  Yokes: 303 Stainless Steel Pins and Blocks: 416 Stainless Steel  Country of Origin  USA  Weight (Ibs)  0.397000  Recommended Lubricant  LUBRIPLATE No. 1200-2  Matching Boot Cover  UBOOT12/19-NI-KIT  UPC  634529288313  Tariff Code  8483.60.4000  UNSPC  Note 1  Performance ratings are for guidance only. The user must determine suitability for a particular applicat  Prop 65  MANNING This product can expose you to the chemical Nickel (metallic), known to the State of Ca	Max Round Bore w/ Key (Metric)	12mm Bore, 4mm Keyway	Peak Torque	790 in-lb (89.3 Nm)
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UNSPC  25173810  Note 1  Performance ratings are for guidance only. The user must determine suitability for a particular applicat  Prop 65  WARNING This product can expose you to the chemical Nickel (metallic), known to the State of Ca	Recommended Lubricant	LUBRIPLATE No. 1200-2	Matching Boot Cover	UBOOT12/19-NI-KIT
Note 1 Performance ratings are for guidance only. The user must determine suitability for a particular applicat  Prop 65 ▲WARNING This product can expose you to the chemical Nickel (metallic), known to the State of Ca	UPC	634529288313	Tariff Code	8483.60.4000
Prop 65	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 Nickel (metallic), known to the State of California to cause cancer. For more information go to <a href="https://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .		