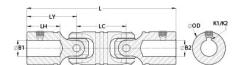




## UDSK24-17MM-1/2"-F

Ruland UDSK24-17MM-1/2"-F, 17mm x 1/2" Double Universal Joint, Friction Bearing, Steel, Set Screw With Keyway, 1.495" (38.0mm) OD, 6.563" (166.7mm) Length





## **Description**

Ruland UDSK24-17MM-1/2"-F is a double cardan friction bearing universal joint with 17mm x 0.5000" bores, 5mm x 1/8" keyways, 1.495" (38.0mm) OD, 6.563" (166.7mm) length, and 5/16-18 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. UDSK24-17MM-1/2"-F is made from high grade alloy steel for durability and high strength. It can be combined with boot UBOOT24/38-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** 

Length (L) 6.563 in (166.7 mm) Center Yoke Length (LC) 2.313 in (58.8 mm) Yoke Length (LY) 2.125 in (54.0 mm) Hub Depth (LH) 1.400 in (35.6 mm) Broached Set Screw 5/16-18 Screw Finish Black Oxide Peak Torque 9,000 in-lb (1,016.9 Nm) Rated Torque 1,800 in-lb (203.4 Nm) Max Operating Angle 90° Material Specification Alloy Steel Manufacturer Belden Universal Country of Origin USA Recommended Lubricant LUBRIPLATE No. 1200-2 Matching Boot Cover UBOOT24/38-NI-KIT UPC 63452932535 Tariff Code 8483.60.4000 UNSPC Note 1 Performance ratings are for guidance only. The user must determine suitability for a particular ap Prop 65  WARNING This product can expose you to the chemical Ethylene Thiourea, known to the Sta	Product Specifications			
B1 Max Shaft Penetration Joint Outer Diameter (OD) 1.495 in (38.0 mm) 1.495 in (38.0 mm) 1.495 in (38.0 mm) 1.495 in (38.0 mm)  Length (L) 1.495 in (38.0 mm) 2.125 in (54.0 mm) 3.125 in (54.0 mm) 3.125 in (54.0 mm) 3.125 in (54.0 mm) 4.125 in (54.0 mm) 4.120 in (35.6 mm) 4.120 i	Bore (B1)	17 mm	Small Bore (B2)	0.5000 in
Joint Outer Diameter (OD)  1.495 in (38.0 mm)  1.400 in (35.6 mm)	Keyway (K1)	5 mm	Keyway (K2)	1/8 in
Length (L) 6.563 in (166.7 mm) Center Yoke Length (LC) 2.313 in (58.8 mm) Yoke Length (LY) 2.125 in (54.0 mm) Hub Depth (LH) 1.400 in (35.6 mm) Broached Set Screw 5/16-18 Screw Finish Black Oxide Peak Torque 9,000 in-lb (1,016.9 Nm) Rated Torque 1,800 in-lb (203.4 Nm) Max Operating Angle 90° Material Specification Alloy Steel Manufacturer Belden Universal Country of Origin USA Recommended Lubricant LUBRIPLATE No. 1200-2 Matching Boot Cover UBOOT24/38-NI-KIT UPC 63452932535 Tariff Code 8483.60.4000 UNSPC 25173810 Note 1 Performance ratings are for guidance only. The user must determine suitability for a particular ap Prop 65 California to cause cancer and birth defects or other reproductive harm. For more information go	B1 Max Shaft Penetration	1.400 in (35.6 mm)	<b>B2 Max Shaft Penetration</b>	1.400 in (35.6 mm)
Yoke Length (LY)  2.125 in (54.0 mm)  Hub Depth (LH)  1.400 in (35.6 mm)  Broached Set Screw  5/16-18  Screw Finish  Black Oxide  Peak Torque  9,000 in-lb (1,016.9 Nm)  Rated Torque  1,800 in-lb (203.4 Nm)  Max Operating Angle  90°  Material Specification  Alloy Steel  Manufacturer  Belden Universal  Country of Origin  USA  Recommended Lubricant  LUBRIPLATE No. 1200-2  Matching Boot Cover  UBOOT24/38-NI-KIT  UPC  63452932535  Tariff Code  8483.60.4000  UNSPC  25173810  Performance ratings are for guidance only. The user must determine suitability for a particular ap  Prop 65  △WARNING This product can expose you to the chemical Ethylene Thiourea, known to the State California to cause cancer and birth defects or other reproductive harm. For more information go	Joint Outer Diameter (OD)	1.495 in (38.0 mm)	Bore Tolerance	+0.0010 in / -0.0000 in (+0.025 mm / -0.000 mm)
Broached Set Screw 5/16-18 Screw Finish Black Oxide  Peak Torque 9,000 in-lb (1,016.9 Nm) Rated Torque 1,800 in-lb (203.4 Nm)  Max Operating Angle 90° Material Specification Alloy Steel  Manufacturer Belden Universal Country of Origin USA  Recommended Lubricant LUBRIPLATE No. 1200-2 Matching Boot Cover UBOOT24/38-NI-KIT  UPC 63452932535 Tariff Code 8483.60.4000  UNSPC 25173810  Note 1 Performance ratings are for guidance only. The user must determine suitability for a particular ap  Prop 65 △WARNING This product can expose you to the chemical Ethylene Thiourea, known to the State California to cause cancer and birth defects or other reproductive harm. For more information go	Length (L)	6.563 in (166.7 mm)	Center Yoke Length (LC)	2.313 in (58.8 mm)
Peak Torque9,000 in-lb (1,016.9 Nm)Rated Torque1,800 in-lb (203.4 Nm)Max Operating Angle90°Material SpecificationAlloy SteelManufacturerBelden UniversalCountry of OriginUSARecommended LubricantLUBRIPLATE No. 1200-2Matching Boot CoverUBOOT24/38-NI-KITUPC63452932535Tariff Code8483.60.4000UNSPC25173810Note 1Performance ratings are for guidance only. The user must determine suitability for a particular apProp 65▲WARNING This product can expose you to the chemical Ethylene Thiourea, known to the Sta California to cause cancer and birth defects or other reproductive harm. For more information go	Yoke Length (LY)	2.125 in (54.0 mm)	Hub Depth (LH)	1.400 in (35.6 mm)
Max Operating Angle90°Material SpecificationAlloy SteelManufacturerBelden UniversalCountry of OriginUSARecommended LubricantLUBRIPLATE No. 1200-2Matching Boot CoverUBOOT24/38-NI-KITUPC63452932535Tariff Code8483.60.4000UNSPC25173810Note 1Performance ratings are for guidance only. The user must determine suitability for a particular apProp 65▲WARNING This product can expose you to the chemical Ethylene Thiourea, known to the Sta California to cause cancer and birth defects or other reproductive harm. For more information go	Broached Set Screw	5/16-18	Screw Finish	Black Oxide
Manufacturer Belden Universal Country of Origin USA Recommended Lubricant LUBRIPLATE No. 1200-2 Matching Boot Cover UBOOT24/38-NI-KIT UPC 63452932535 Tariff Code 8483.60.4000 UNSPC 25173810  Performance ratings are for guidance only. The user must determine suitability for a particular ap Prop 65  MARNING This product can expose you to the chemical Ethylene Thiourea, known to the Sta California to cause cancer and birth defects or other reproductive harm. For more information go	Peak Torque	9,000 in-lb (1,016.9 Nm)	Rated Torque	1,800 in-lb (203.4 Nm)
Recommended Lubricant  LUBRIPLATE No. 1200-2  Matching Boot Cover  UBOOT24/38-NI-KIT  UPC  63452932535  Tariff Code  8483.60.4000  UNSPC  25173810  Performance ratings are for guidance only. The user must determine suitability for a particular ap  Prop 65  WARNING This product can expose you to the chemical Ethylene Thiourea, known to the Sta  California to cause cancer and birth defects or other reproductive harm. For more information go	Max Operating Angle	90°	Material Specification	Alloy Steel
UPC 63452932535 Tariff Code 8483.60.4000 UNSPC 25173810  Note 1 Performance ratings are for guidance only. The user must determine suitability for a particular ap Prop 65 AWARNING This product can expose you to the chemical Ethylene Thiourea, known to the Sta California to cause cancer and birth defects or other reproductive harm. For more information go	Manufacturer	Belden Universal	Country of Origin	USA
UNSPC  25173810  Note 1  Performance ratings are for guidance only. The user must determine suitability for a particular ap  Prop 65  △WARNING This product can expose you to the chemical Ethylene Thiourea, known to the Sta  California to cause cancer and birth defects or other reproductive harm. For more information go	Recommended Lubricant	LUBRIPLATE No. 1200-2	Matching Boot Cover	UBOOT24/38-NI-KIT
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Prop 65  MARNING This product can expose you to the chemical Ethylene Thiourea, known to the Sta California to cause cancer and birth defects or other reproductive harm. For more information go	UNSPC	25173810		
California to cause cancer and birth defects or other reproductive harm. For more information go	Note 1	Performance ratings are for guidance only. The user must determine suitability for a particular application.		
<u>mmm oo maningo.ca.go r</u> .	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 <a href="https://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .		