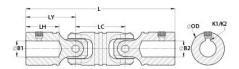




## **UDSK14-7-7-SS**

Ruland UDSK14-7-7-SS, 7/16" x 7/16" Double Universal Joint, Friction Bearing, Stainless Steel, Set Screw With Keyway, 0.870" OD, 4.375" Length





## **Description**

Ruland UDSK14-7-7-SS is a double cardan friction bearing universal joint with 0.4375" x 0.4375" bores, 3/32" x 3/32" keyways, 0.870" OD, 4.375" length, and #10-32 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. UDSK14-7-7-SS is made from high grade stainless steel for increased corrosion resistance. 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** 

| 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> . |                                 |                         |
|---------------------------|--|---------------------------------|-------------------------|
| Note 1                    | Performance ratings are for guidance only. The user must determine suitability for a particular application.   |                                 |                         |
| UNSPC                     | 25173810   |                                 |                         |
| UPC                       | 634529289136   | Tariff Code                     | 8483.60.4000            |
| Recommended Lubricant     | LUBRIPLATE No. 1200-2  | Matching Boot Cover             | UBOOT14/22-NI-KIT       |
| Country of Origin         | USA  | Weight (lbs)                    | 0.519000                |
| Material Specification    | Yokes: 303 Stainless Steel<br>Pins and Blocks: 416 Stainless<br>Steel  | Manufacturer                    | Belden Universal        |
| Rated Torque              | 225 in-lb  | Max Operating Angle             | 90°                     |
| Screw Finish              | Bright   | Peak Torque                     | 1,125 in-lb             |
| <b>Broached Set Screw</b> | #10-32   | Screw Material                  | Stainless Steel         |
| Yoke Length (LY)          | 1.500 in   | Hub Depth (LH)                  | 1.030 in                |
| Length (L)                | 4.375 in   | Center Yoke Length (LC)         | 1.375 in                |
| Joint Outer Diameter (OD) | 0.870 in   | Bore Tolerance                  | +0.0010 in / -0.0000 in |
| B1 Max Shaft Penetration  | 1.030 in   | <b>B2 Max Shaft Penetration</b> | 1.030 in                |
| Keyway (K1)               | 3/32 in  | Keyway (K2)                     | 3/32 in                 |
| Bore (B1)                 | 0.4375 in  | Small Bore (B2)                 | 0.4375 in               |