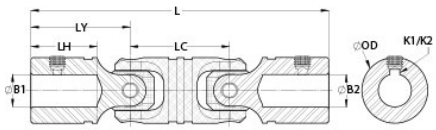
# UDSK32-16-16-F

Ruland UDSK32-16-16-F, 1" x 1" Double Universal Joint, Friction Bearing, Steel, Set Screw With Keyway, 1.995" OD, 8.688" Length






## Description

Ruland UDSK32-16-16-F is a double cardan friction bearing universal joint with 1.0000" x 1.0000" bores, 1/4" x 1/4" keyways, 1.995" OD, 8.688" length, and 3/8-16 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. UDSK32-16-16-F is made from high grade alloy steel for durability and high strength. It can be combined with boot UBOOT32/51-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)** | 1.0000 in | **Small Bore (B2)** | 1.0000 in |
| **Keyway (K1)** | 1/4 in | **Keyway (K2)** | 1/4 in |
| **B1 Max Shaft Penetration** | 1.700 in | **B2 Max Shaft Penetration** | 1.700 in |
| **Joint Outer Diameter (OD)** | 1.995 in | **Bore Tolerance** | +0.0010 in / -0.0000 in |
| **Length (L)** | 8.688 in | **Center Yoke Length (LC)** | 3.188 in |
| **Yoke Length (LY)** | 2.750 in | **Hub Depth (LH)** | 1.700 in |
| **Broached Set Screw** | 3/8-16 | **Screw Material** | Alloy Steel |
| **Screw Finish** | Black Oxide | **Peak Torque** | 19350 in-lb |
| **Rated Torque** | 3,870 in-lb | **Max Operating Angle** | 90° |
| **Material Specification** | Alloy Steel | **Manufacturer** | Belden Universal |
| **Country of Origin** | USA | **Weight (lbs)** | 5.292000 |
| **Recommended Lubricant** | LUBRIPLATE No. 1200-2 | **Matching Boot Cover** | UBOOT32/51-NI-KIT |
| **UPC** | 634529289242 | **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. | | |