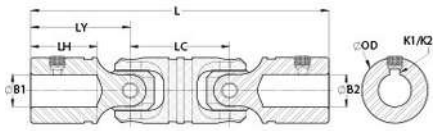
# UDSK24-18MM-14MM-F

Ruland UDSK24-18MM-14MM-F, 18mm x 14mm Double Universal Joint, Friction Bearing, Steel, Set Screw With Keyway, 38.0mm OD, 166.7mm Length










## Description

Ruland UDSK24-18MM-14MM-F is a double cardan friction bearing universal joint with 18mm x 14mm bores, 6mm x 5mm keyways, 38.0mm OD, 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. UDSK24-18MM-14MM-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

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|---|---|---|---|
| **Bore (B1)** | 18 mm | **Small Bore (B2)** | 14 mm |
| **Keyway (K1)** | 6 mm | **Keyway (K2)** | 5 mm |
| **B1 Max Shaft Penetration** | 35.6 mm | **B2 Max Shaft Penetration** | 35.6 mm |
| **Joint Outer Diameter (OD)** | 38.0 mm | **Bore Tolerance** | +0.025 mm / -0.000 mm |
| **Length (L)** | 166.7 mm | **Center Yoke Length (LC)** | 58.8 mm |
| **Yoke Length (LY)** | 54.0 mm | **Hub Depth (LH)** | 35.6 mm |
| **Broached Set Screw** | 5/16-18 | **Screw Finish** | Black Oxide |
| **Peak Torque** | 1016.9 Nm | **Rated Torque** | 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** | 63452932573 | **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. | | |