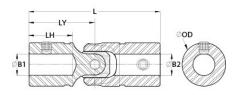




USS12-7MM-6MM-SS

Ruland USS12-7MM-6MM-SS, 7mm x 6mm Single Universal Joint, Friction Bearing, Stainless Steel, Set Screw, 18.9mm OD, 68.3mm Length





Description

Ruland USS12-7MM-6MM-SS is a single cardan friction bearing universal joint with 7mm x 6mm bores, 18.9mm OD, 68.3mm length, and #10-32 set screws. It is ideal for applications with space constraints and has higher torque capacity than equivalently sized double universal joints. This plain bearing 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 45° when compared to commodity style single universal joints. USS12-7MM-6MM-SS is designed for use in high RPM applications up to 6000 RPM and has extended service life due to pre-lubricated maintenance free bearings. It can be combined with boot UBOOT12/19-NI-KIT to protect the joint from unwanted contaminants such as dust or water and self lubricate reducing maintenance time. This single cardan universal joint is manufactured in the USA by Belden Universal for strict control of processes.

Product Specifications

| 7 mm 24.1 mm | Small Bore (B2) B2 Max Shaft Penetration | 6 mm |
|---|--|--|
| | B2 Max Shaft Penetration | <u></u> |
| | | 24.1 mm |
| 18.9 mm | Bore Tolerance | +0.025 mm / -0.000 mm |
| 68.3 mm | Yoke Length (LY) | 34.1 mm |
| 24.1 mm | Broached Set Screw | #10-32 |
| Bright | Peak Torque | 98.9 Nm |
| 19.8 Nm | Max Operating Angle | 45° |
| Yokes: 303 Stainless Steel Pins and Blocks: 416 Stainless Steel | Manufacturer | Belden Universal |
| USA | Recommended Lubricant | LUBRIPLATE No. 1200-2 |
| UBOOT12/19-NI-KIT | UPC | 63452933732 |
| 8483.60.4000 | UNSPC | 25173810 |
| Performance ratings are for guidance only. The user must determine suitability for a particular application. | | |
| AWARNING This product can expose you to the chemical Nickel (metallic), known to the State of California to cause cancer. For more information go to <u>www.P65Warnings.ca.gov</u> . | | |
| | 18.9 mm 68.3 mm 24.1 mm Bright 19.8 Nm Yokes: 303 Stainless Steel Pins and Blocks: 416 Stainless Steel USA UBOOT12/19-NI-KIT 8483.60.4000 Performance ratings are for guida MARNING This product can explanate the second se | 18.9 mm Bore Tolerance 68.3 mm Yoke Length (LY) 24.1 mm Broached Set Screw Bright Peak Torque 19.8 Nm Max Operating Angle Yokes: 303 Stainless Steel Manufacturer Pins and Blocks: 416 Stainless Steel USA Recommended Lubricant UBOOT12/19-NI-KIT UPC 8483.60.4000 UNSPC Performance ratings are for guidance only. The user must determine MARNING This product can expose you to the chemical Nickel (r |