



MUSSK22-12-12-F

Ruland MUSSK22-12-12-F, 12mm x 12mm Single Universal Joint, Friction Bearing, Steel, Set Screw With Keyway, 22.1mm OD, 50.0mm Length



Description

Ruland MUSSK22-12-12-F is a single cardan friction bearing universal joint with 12mm x 12mm bores, 4mm x 4mm keyways, 22.1mm OD, 50.0mm length, and M2 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. MUSSK22-12-12-F is made from high grade alloy steel for durability and high strength. It can be combined with boot UBOOT14/22-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

Bore (B1)	12 mm	Small Bore (B2)	12 mm
Keyway (K1)	4 x 13.8 mm	Keyway (K2)	4 x 13.8 mm
B1 Max Shaft Penetration	13.1 mm	B2 Max Shaft Penetration	13.1 mm
Joint Outer Diameter (OD)	22.1 mm	Bore Tolerance	+0.018 mm / -0.000 mm
Length (L)	50.0 mm	Yoke Length (LY)	25.0 mm
Hub Depth (LH)	13.1 mm	Broached Set Screw	M4
Screw Material	Alloy Steel	Screw Finish	Black Oxide
Peak Torque	197.0 Nm	Rated Torque	39 Nm
Max Operating Angle	45°	Material Specification	Alloy Steel
Manufacturer	Belden Universal	Country of Origin	USA
Weight (lbs)	0.223200	Recommended Lubricant	LUBRIPLATE No. 1200-2
UPC	634529287989	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.