



O.D. (D):	2.250 in (57.2 mm)	Static Torque:	530 lb-in (60.00 Nm)
Brand:	Ruland	Screw Material:	Alloy Steel
Dynamic Torque Reversing:	132 lb-in (15.00 Nm)	Bore Tolerance:	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
Shaft Tolerance:	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm	Material:	Aluminum
Zero-Backlash?:	Yes	Bore (B1):	1.0000 in
Balanced Design:	Yes	Bore (B2):	16 mm
UNSPC:	31163018	Keyway:	No
Cap Screw:	M6	B1 Max Shaft Penetration:	1.496 in (38.0 mm)
Dynamic Torque Non-Reversing:	265 lb-in (30.00 Nm)	B2 Max Shaft Penetration:	1.496 in (38.0 mm)
Hex Wrench Size:	5.0 mm	Seating Torque:	16 Nm
Maximum Speed:	10000 RPM	Screw Finish:	Black Oxide
Torsional Stiffness:	1200 lb-in/Deg (135 Nm/Deg)	Length (L):	3.235 in (82.2 mm)
Angular Misalignment:	2.0 deg	ISO 9001:2015:	Certified
Parallel Misalignment:	0.012 in (0.30 mm)	REACH:	Compliant
Axial Motion:	0.030 in (0.76 mm)	RoHS3:	Compliant
Bellows Attachment Method:	Epoxy	Conflict Minerals:	Compliant
Length Tolerance:	+/- 0.030 in (0.76 mm)	Tariff Code:	8483.60.8000
Temperature:	-40°F to 200°F (-40°C to 93°C)	Number of Screws:	2 ea
Product Group:	Bellows Coupling Standard Length	Recommended Hex Key:	Metric Hex Keys

COMPONENT	Bellows Coupling Standard Length
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BC36-1"-16MM-A
Ruland
1" X 16mm Bores, 2.250" Od, 3.235" Length,
Bellows Coupling, High Stiffness,
Aluminum

UNIT
Inch/Metric
SHEET