



O.D. (D):	1.000 in (25.4 mm)	Static Torque:	60 lb-in
Brand:	Ruland	Screw Material:	Alloy Steel
Dynamic Torque Reversing:	15 lb-in	Bore Tolerance:	+0.001 in / -0.000 in
Shaft Tolerance:	+0.0000 in / -0.0005 in	Material:	Aluminum
Zero-Backlash?:	Yes	Bore (B1):	0.5000 in
Balanced Design:	Yes	Bore (B2):	0.3125 in
UNSPC:	31163018	Keyway:	No
Cap Screw:	M3	B1 Max Shaft Penetration:	0.626 in
Dynamic Torque Non-Reversing:	30 lb-in	B2 Max Shaft Penetration:	0.626 in
Hex Wrench Size:	2.5 mm	Seating Torque:	2.1 Nm
Maximum Speed:	10000 RPM	Screw Finish:	Black Oxide
Torsional Stiffness:	244 lb-in/Deg	Length (L):	1.345 in (34.2 mm)
Angular Misalignment:	1.5 deg	ISO 9001:2015:	Certified
Parallel Misalignment:	0.004 in	REACH:	Compliant
Axial Motion:	0.012 in	RoHS3:	Compliant
Bellows Attachment Method:	Epoxy	Conflict Minerals:	Compliant
Length Tolerance:	+/- 0.030 in	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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BC16-8-5-A
Ruland
1/2" X 5/16" Bores, 1.000" Od, 1.345" Length,
Bellows Coupling, High Stiffness,
Aluminum

UNIT
Inch
SHEET