



O.D. (D):	1.313 in (33.3 mm)	Static Torque:	120 lb-in (13.6 Nm)
Brand:	Ruland	Screw Material:	Alloy Steel
Dynamic Torque Reversing:	30 lb-in (3.40 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):	8 mm
Balanced Design:	Yes	Bore (B2):	0.3125 in
UNSPC:	31163018	Keyway:	No
Cap Screw:	M3	B1 Max Shaft Penetration:	0.935 in (23.7 mm)
Dynamic Torque Non-Reversing:	60 lb-in (6.80 Nm)	B2 Max Shaft Penetration:	0.935 in (23.7 mm)
Hex Wrench Size:	2.5 mm	Seating Torque:	2.1 Nm
Maximum Speed:	10000 RPM	Screw Finish:	Black Oxide
Torsional Stiffness:	300 lb-in/Deg (33.9 Nm/Deg)	Length (L):	1.962 in (49.8 mm)
Angular Misalignment:	3.0 deg	ISO 9001:2015:	Certified
Parallel Misalignment:	0.012 in (0.30 mm)	REACH:	Compliant
Axial Motion:	0.032 in (0.81 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 - Extended Length	Recommended Hex Key:	Metric Hex Keys

COMPONENT	Bellows Coupling - Extended Length
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BCL21-8MM-5/16"-A
Ruland
8mm X 5/16" Bellows Coupling Bores,
1.313" (33.3mm) Od., 1.962" (49.8mm)
Length, Bellows Coupling, Increased
Misalignment, Aluminum

UNIT
Inch/Metric
SHEET