



O.D. (D):	1.000 in (25.4 mm)	Static Torque:	6.8 Nm
Brand:	Ruland	Screw Material:	Alloy Steel
Dynamic Torque Reversing:	1.70 Nm	Bore Tolerance:	+0.03 mm / -0.00 mm
Shaft Tolerance:	+0.000 mm / -0.013 mm	Material:	Aluminum
Zero-Backlash?:	Yes	Bore (B1):	12 mm
Balanced Design:	Yes	Bore (B2):	6 mm
UNSPC:	31163018	Keyway:	No
Cap Screw:	M3	B1 Max Shaft Penetration:	18.2 mm
Dynamic Torque Non-Reversing:	3.40 Nm	B2 Max Shaft Penetration:	18.2 mm
Hex Wrench Size:	2.5 mm	Seating Torque:	2.1 Nm
Maximum Speed:	10000 RPM	Screw Finish:	Black Oxide
Torsional Stiffness:	20.9 Nm/Deg	Length (L):	1.523 in (38.7 mm)
Angular Misalignment:	3.0 deg	ISO 9001:2015:	Certified
Parallel Misalignment:	0.20 mm	REACH:	Compliant
Axial Motion:	0.61 mm	RoHS3:	Compliant
Bellows Attachment Method:	Epoxy	Conflict Minerals:	Compliant
Length Tolerance:	+/- 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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Pacific International Bearing, Inc.
33258 Central Ave, Union City, CA 94587
1-800-228-8895, 510-512-7000,
info@pibsales.com
www.pibsales.com

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MBCL25-12-6-A
Ruland
12mm X 6mm Bellows Coupling Bores,
25.4mm Od., 38.7mm Length, Bellows
Coupling, Clamp Style, Aluminum

UNIT

Metric

SHEET