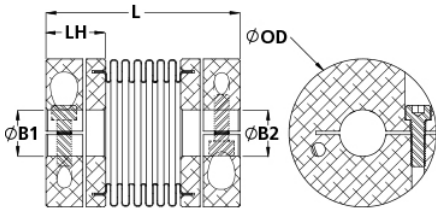




Brand	Ruland
Screw Material	Alloy Steel
Material	Aluminum
Bore (B1)	0.5000 in
Bore (B2)	12 mm
Keyway	No
B1 Max Shaft Penetration	0.715 in (18.2 mm)
B2 Max Shaft Penetration	0.715 in (18.2 mm)
Seating Torque	2.1 Nm
Bore Tolerance	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
Screw Finish	Black Oxide
ISO 9001:2015	Certified
REACH	Compliant
RoHS3	Compliant
Conflict Minerals	Compliant
Tariff Code	8483.60.8000
Number of Screws	2 ea
O.D. (D)	1.000 in (25.4 mm)
Length (L)	1.523 in (38.7 mm)
Static Torque	60 lb-in (6.8 Nm)
Maximum Speed	10000 RPM
Product Group	Bellows Coupling - Extended Length
Shaft Tolerance	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm
Zero-Backlash?	Yes
Balanced Design	Yes
UNSPC	31163018
Cap Screw	M3
Dynamic Torque Non-Reversing	30 lb-in (3.40 Nm)
Dynamic Torque Reversing	15 lb-in (1.70 Nm)
Hex Wrench Size	2.5 mm
Torsional Stiffness	185 lb-in/Deg (20.9 Nm/Deg)
Angular Misalignment	3.0 deg
Parallel Misalignment	0.008 in (0.20 mm)
Axial Motion	0.024 in (0.61 mm)
Bellows Attachment Method	Epoxy
Length Tolerance	+/- 0.030 in (0.76 mm)
Temperature	-40°F to 200°F (-40°C to 93°C)
Recommended Hex Key	Metric Hex Keys



COMPONENT

Bellows Coupling - Extended Length



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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BCL16-1/2"-12MM-A
Ruland
1/2" X 12mm Bores, 1.000" (25.4mm) Od., 1.523" (38.7mm) Length,
Bellows Coupling, Increased Misalignment, Aluminum

UNIT
Inch/Metric
SHEET