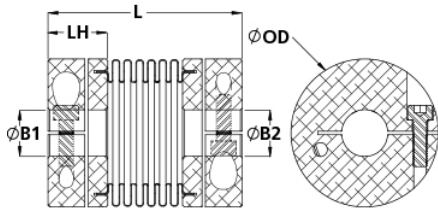




Brand	Ruland
Screw Material	Alloy Steel
Material	Aluminum
Bore (B1)	0.5000 in
Bore (B2)	8 mm
Keyway	No
B1 Max Shaft Penetration	0.715 in (18.2 mm)
B2 Max Shaft Penetration	0.715 in (18.2 mm)
Seating Torque	2.1 Nm
Bore Tolerance	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
Screw Finish	Black Oxide
ISO 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"-8MM-A
Ruland
1/2" X 8mm Bores, 1.000" (25.4mm) Od., 1.523" (38.7mm) Length,
Bellows Coupling, Increased Misalignment, Aluminum

UNIT
Inch/Metric
SHEET