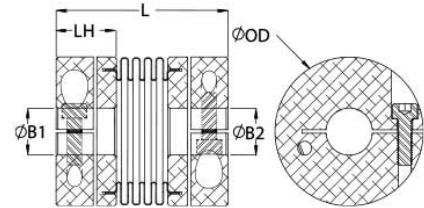




Brand	Ruland
Hex Wrench Size	6.0 mm
Material	Aluminum
Bore (B1)	45 mm
Bore (B2)	1.0000 in
Keyway	No
B1 Max Shaft Penetration	1.750 in (44.5 mm)
B2 Max Shaft Penetration	1.750 in (44.5 mm)
Screw Material	Alloy Steel
Screw Finish	Black Oxide
Bore Tolerance	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
ISO 9001:2015	Certified
REACH	Compliant
RoHS3	Compliant
Conflict Minerals	Compliant
Tariff Code	8483.60.8000
Number of Screws	2
Seating Torque	39 Nm
O.D. (D)	3.125 in (79.4 mm)
Length (L)	3.816 in (96.9 mm)
Dynamic Torque Reversing	337.5 lb-in (38 Nm)
Torsional Stiffness	3500 lb-in/Deg(395.5 Nm/Deg)
Shaft Tolerance	+0.0000 in / -0.0005 in
Zero-Backlash?	Yes
Balanced Design	Yes
UNSPC	31163018
Cap Screw	M8
Static Torque	1350 lb-in (152 Nm)
Dynamic Torque Non-Reversing	675 lb-in (76 Nm)
Temperature	-40°F to 200°F (-40°C to 93°C)
Maximum Speed	10000 RPM
Angular Misalignment	2.0 deg
Parallel Misalignment	0.012 in (0.30 mm)
Axial Motion	0.030 in (0.76 mm)
Bellows Attachment Method	Epoxy
Length Tolerance	+/- 0.030 in (0.76 mm)
Recommended Hex Key	Metric Hex Keys
B1 Min Shaft Penetration	0.875 in (22.2 mm)
Product Group	Bellows Coupling Standard Length
B2 Min Shaft Penetration	0.875 in (22.2 mm)



COMPONENT	Bellows Coupling Standard 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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BC50-45MM-1"-A
Ruland
45mm X 1" Bores, 3.125" (79.4 Mm), Od, 3.816" (96.9 Mm) Length, Bellows
Coupling, High Stiffness, Aluminum

UNIT
Inch/Metric
SHEET