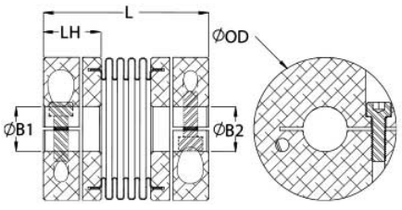
Brand	Ruland
Screw Material	Alloy Steel
Material	Aluminum
Bore (B1)	25 mm
Bore (B2)	0.5000 in
Keyway	No
B1 Max Shaft Penetration	1.099 in (27.9 mm)
B2 Max Shaft Penetration	1.099 in (27.9 mm)
Seating Torque	9.5 Nm
Bore Tolerance	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
Screw Finish	Black Oxide
ISO 9001:2015	Certified
REACH	Compliant
RoHS3	Compliant
Conflict Minerals	Compliant
Tariff Code	8483.60.8000
Number of Screws	2 ea
O.D. (D)	2.000 in (50.8 mm)
Length (L)	2.413 in (61.3 mm)
Static Torque	400 lb-in (45.2 Nm)
Maximum Speed	10000 RPM
Product Group	Bellows Coupling Standard 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	M5
Dynamic Torque Non-Reversing	200 lb-in (22.60 Nm)
Dynamic Torque Reversing	100 lb-in (11.30 Nm)
Hex Wrench Size	4.0 mm
Torsional Stiffness	950 lb-in/Deg (108 Nm/Deg)
Angular Misalignment	2.0 deg
Parallel Misalignment	0.010 in (0.25 mm)
Axial Motion	0.020 in (0.51 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 Standard 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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BC32-25MM-1/2"-A

Ruland

25mm X 1/2" Bores, 2.000" (50.8mm), Od, 2.413" (61.3mm) Length, Bellows Coupling, High Stiffness, Aluminum

UNIT
Inch/Metric
SHEET