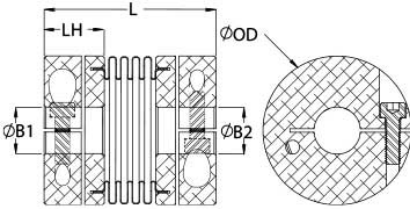




Brand	Ruland
Hex Wrench Size	6.0 mm
Material	Aluminum
Bore (B1)	1.1250 in
Bore (B2)	0.7500 in
Keyway	No
B1 Max Shaft Penetration	1.582 in
B2 Max Shaft Penetration	1.582 in
Screw Material	Alloy Steel
Screw Finish	Black Oxide
Bore Tolerance	+0.001 in / -0.000 in
ISO 9001:2015	Certified
REACH	Compliant
RoHS3	Compliant
Conflict Minerals	Compliant
Tariff Code	8483.60.8000
Number of Screws	2 ea
Seating Torque	39 Nm
O.D. (D)	2.750 in (69.9 mm)
Length (L)	3.431 in (87.1 mm)
Dynamic Torque Reversing	231.3 lb-in
Torsional Stiffness	2100 lb-in/Deg
Shaft Tolerance	+0.0000 in / -0.0005 in
Zero-Backlash?	Yes
Balanced Design	Yes
UNSPC	31163018
Cap Screw	M8
Static Torque	925 lb-in
Dynamic Torque Non-Reversing	462.5 lb-in
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
Axial Motion	0.030 in
Bellows Attachment Method	Epoxy
Length Tolerance	+/- 0.030 in
Recommended Hex Key	Metric Hex Keys
B1 Min Shaft Penetration	0.750 in
Product Group	Bellows Coupling Standard Length
B2 Min Shaft Penetration	0.750 in



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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BC44-18-12-A
Ruland
1 1/8" X 3/4" Bores, 2.750" Od, 3.431" Length, Bellows Coupling, High
Stiffness, Aluminum

UNIT

Inch

SHEET