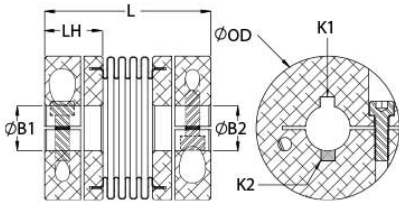




Brand	Ruland
Bore Tolerance	+0.03 mm / -0.00 mm
Material	Aluminum
Bore (B1)	45 mm
Bore (B2)	42 mm
Keyway	Yes
Keyway (K1)	14 mm
Keyway (K2)	12 mm
B1 Max Shaft Penetration	44.5 mm
Seating Torque	39 Nm
B2 Max Shaft Penetration	44.5 mm
Screw Material	Alloy Steel
Screw Finish	Black Oxide
ISO 9001:2015	Certified
REACH	Compliant
RoHS3	Compliant
Conflict Minerals	Compliant
Tariff Code	8483.60.8000
Number of Screws	2
O.D. (D)	3.125 in (79.4 mm)
Length (L)	3.808 in (96.7 mm)
Dynamic Torque Non-Reversing	76 Nm
Maximum Speed	10000 RPM
Product Group	Bellows Coupling Standard Length
Shaft Tolerance	+0.000 mm / -0.013 mm
Zero-Backlash?	Yes
Balanced Design	Yes
UNSPC	31163018
Cap Screw	M8
Static Torque	152 Nm
Dynamic Torque Reversing	38 Nm
Torsional Stiffness	395.5 Nm/Deg
Hex Wrench Size	6.0 mm
Angular Misalignment	2.0 deg
Parallel Misalignment	0.30 mm
Axial Motion	0.76 mm
Bellows Attachment Method	Epoxy
Length Tolerance	+/- 0.76 mm
Recommended Hex Key	Metric Hex Keys
B1 Min Shaft Penetration	22.2 mm
Temperature	-40°F to 200°F (-40°C to 93°C)
B2 Min Shaft Penetration	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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MBCK80-45-42-A
Ruland
45mm X 42mm Bores, 79.4mm, Od, 96.9mm Length, Bellows Coupling With
Keyways, High Stiffness, Aluminum

UNIT
Metric
SHEET