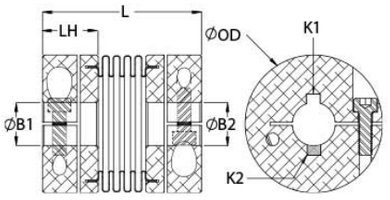
Brand	Ruland
Length (L)	2.035 in (51.7 mm)
Bore (B1)	0.5000 in
Bore (B2)	10 mm
Keyway	Yes
Keyway (K1)	1/8 in
Keyway (K2)	3 mm
B2 Max Shaft Penetration	0.946 in (24.0 mm)
B1 Max Shaft Penetration	0.946 in (24.0 mm)
Screw Material	Alloy Steel
Bore Tolerance	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
Screw Finish	Black Oxide
ISO 9001:2015	Certified
REACH	Compliant
RoHS3	Compliant
Conflict Minerals	Compliant
Tariff Code	8483.60.8000
O.D. (D)	1.625 in (41.3 mm)
Material	Aluminum
Number of Screws	2 ea
Seating Torque	4.6 Nm
Dynamic Torque Reversing	62.5 lb-in (7.00 Nm)
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	M4
Hex Wrench Size	3.0 mm
Dynamic Torque Non-Reversing	125 lb-in (14.00 Nm)
Static Torque	250 lb-in (28.0 Nm)
Torsional Stiffness	550 lb-in/Deg (63 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)
Maximum Speed	10000 RPM
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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BCK26-1/2"-10MM-A

Ruland

1/2" X 10mm Bores, 1.625" (41.3mm), Od, 2.035" (51.7mm) Length, Bellows Coupling With Keyways, High Stiffness, Aluminum

UNIT
Inch/Metric
SHEET