



Brand	Ruland
Length (L)	1.700 in (43.2 mm)
Bore (B1)	0.5000 in
Bore (B2)	8 mm
Keyway	Yes
Keyway (K1)	1/8 in
Keyway (K2)	2 mm
B2 Max Shaft Penetration	0.804 in (20.4 mm)
B1 Max Shaft Penetration	0.804 in (20.4 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)	1.313 in (33.3 mm)
Material	Aluminum
Number of Screws	2 ea
Seating Torque	2.1 Nm
Dynamic Torque Reversing	30 lb-in (3.40 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	M3
Hex Wrench Size	2.5 mm
Dynamic Torque Non-Reversing	60 lb-in (6.80 Nm)
Static Torque	120 lb-in (13.6 Nm)
Torsional Stiffness	400 lb-in/Deg (45 Nm/Deg)
Angular Misalignment	1.5 deg
Parallel Misalignment	0.006 in (0.15 mm)
Axial Motion	0.016 in (0.40 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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BCK21-1/2"-8MM-A
Ruland
1/2" X 8mm Bores, 1.313" (33.3mm), Od, 1.700" (43.2mm) Length, Bellows
Coupling With Keyways, High Stiffness, Aluminum

UNIT
Inch/Metric
SHEET