



Brand	Ruland
Number of Screws	2 ea
Material	Aluminum
Bore (B1)	0.5000 in
Bore (B2)	0.5000 in
Keyway	Yes
Keyway (K1)	1/8 in
Keyway (K2)	1/8 in
B2 Max Shaft Penetration	1.496 in
Bore Tolerance	+0.004 in / +0.001 in
B1 Max Shaft Penetration	1.496 in
Screw Material	Alloy Steel
Screw Finish	Black Oxide
ISO 9001:2015	Certified
REACH	Compliant
RoHS3	Compliant
Conflict Minerals	Compliant
Tariff Code	8483.60.8000
O.D. (D)	2.250 in (57.2 mm)
Length (L)	3.235 in (82.2 mm)
Static Torque	530 lb-in
Dynamic Torque Non-Reversing	265 lb-in
Temperature	-40°F to 200°F (-40°C to 93°C)
Product Group	Bellows Coupling Standard Length
Shaft Tolerance	+0.0000 in / -0.0005 in
Zero-Backlash?	Yes
Balanced Design	Yes
UNSPC	31163018
Cap Screw	M6
Hex Wrench Size	5.0 mm
Seating Torque	16 Nm
Dynamic Torque Reversing	132 lb-in
Torsional Stiffness	1200 lb-in/Deg
Angular Misalignment	2.0 deg
Parallel Misalignment	0.012 in
Axial Motion	0.030 in
Bellows Attachment Method	Epoxy
Length Tolerance	+/- 0.030 in
Maximum Speed	10000 RPM
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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BCK36-8-8-A
Ruland
1/2" X 1/2" Bores, 2.250" Od, 3.235" Length, Bellows Coupling With
Keyways, High Stiffness, Aluminum

UNIT

Inch

SHEET