



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	1.099 in
Bore Tolerance	+0.001 in / -0.000 in
B1 Max Shaft Penetration	1.099 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)	2.000 in (50.8 mm)
Length (L)	2.413 in (61.3 mm)
Static Torque	400 lb-in
Dynamic Torque Non-Reversing	200 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	M5
Hex Wrench Size	4.0 mm
Seating Torque	9.5 Nm
Dynamic Torque Reversing	100 lb-in
Torsional Stiffness	950 lb-in/Deg
Angular Misalignment	2.0 deg
Parallel Misalignment	0.010 in
Axial Motion	0.020 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,
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BCK32-8-8-A
Ruland
1/2" X 1/2" Bores, 2.000" Od, 2.413" Length, Bellows Coupling With
Keyways, High Stiffness, Aluminum

UNIT

Inch

SHEET