



Brand	Ruland
Screw Material	Alloy Steel
Material	Aluminum
Bore (B1)	0.5000 in
Bore (B2)	0.3125 in
Keyway	No
B1 Max Shaft Penetration	0.804 in
B2 Max Shaft Penetration	0.804 in
Seating Torque	2.1 Nm
Bore Tolerance	+0.001 in / -0.000 in
Screw Finish	Black Oxide
ISO 9001:2015	Certified
REACH	Compliant
RoHS3	Compliant
Conflict Minerals	Compliant
Tariff Code	8483.60.8000
Number of Screws	2 ea
O.D. (D)	1.313 in (33.3 mm)
Length (L)	1.700 in (43.2 mm)
Static Torque	120 lb-in
Maximum Speed	10000 RPM
Product Group	Bellows Coupling Standard Length
Shaft Tolerance	+0.0000 in / -0.0005 in
Zero-Backlash?	Yes
Balanced Design	Yes
UNSPC	31163018
Cap Screw	M3
Dynamic Torque Non-Reversing	60 lb-in
Dynamic Torque Reversing	30 lb-in
Hex Wrench Size	2.5 mm
Torsional Stiffness	400 lb-in/Deg
Angular Misalignment	1.5 deg
Parallel Misalignment	0.006 in
Axial Motion	0.016 in
Bellows Attachment Method	Epoxy
Length Tolerance	+/- 0.030 in
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.
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BC21-8-5-A
Ruland
1/2" X 5/16" Bores, 1.313" Od, 1.700" Length, Bellows Coupling, High Stiffness, Aluminum

UNIT

Inch

SHEET