



Brand	Ruland
Screw Material	Alloy Steel
Material	Aluminum
Bore (B1)	5 mm
Bore (B2)	0.1250 in
Keyway	No
B1 Max Shaft Penetration	0.517 in (13.1 mm)
B2 Max Shaft Penetration	0.517 in (13.1 mm)
Seating Torque	0.6 Nm
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
Number of Screws	2 ea
O.D. (D)	0.590 in (15.0 mm)
Length (L)	1.076 in (27.3 mm)
Static Torque	22 lb-in (2.5 Nm)
Maximum Speed	10000 RPM
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	M2
Dynamic Torque Non-Reversing	11 lb-in (1.25 Nm)
Dynamic Torque Reversing	5.5 lb-in (0.62 Nm)
Hex Wrench Size	1.5 mm
Torsional Stiffness	72 lb-in/Deg (8 Nm/Deg)
Angular Misalignment	1.5 deg
Parallel Misalignment	0.004 in (0.10 mm)
Axial Motion	0.008 in (0.20 mm)
Bellows Attachment Method	Epoxy
Length Tolerance	+/- 0.030 in (0.76 mm)
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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BC10-5MM-1/8"-A
Ruland
5mm X 1/8" Bores, 0.590" (15.0mm), Od, 1.076" (27.3mm) Length,
Bellows Coupling, High Stiffness, Aluminum

UNIT
Inch/Metric
SHEET