



Brand	Ruland
Screw Material	Alloy Steel
Material	Aluminum
Bore (B1)	5 mm
Bore (B2)	0.1875 in
Keyway	No
B1 Max Shaft Penetration	0.570 in (14.5 mm)
B2 Max Shaft Penetration	0.570 in (14.5 mm)
Seating Torque	1.21 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)	0.750 in (19.1 mm)
Length (L)	1.306 in (33.2 mm)
Static Torque	40 lb-in (4.5 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	M2.5
Dynamic Torque Non-Reversing	20 lb-in (2.25 Nm)
Dynamic Torque Reversing	10 lb-in (1.13 Nm)
Hex Wrench Size	2.0 mm
Torsional Stiffness	120 lb-in/Deg (14 Nm/Deg)
Angular Misalignment	1.5 deg
Parallel Misalignment	0.004 in (0.10 mm)
Axial Motion	0.010 in (0.25 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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BC12-5MM-3/16"-A
Ruland
5mm X 3/16" Bores, 0.750" (19.1mm), Od, 1.306" (33.2mm) Length,
Bellows Coupling, High Stiffness, Aluminum

UNIT
Inch/Metric
SHEET