



Brand	Ruland
Screw Material	Alloy Steel
Material	Aluminum
Bore (B1)	5 mm
Bore (B2)	5 mm
Keyway	No
B1 Max Shaft Penetration	14.5 mm
B2 Max Shaft Penetration	14.5 mm
Seating Torque	1.21 Nm
Bore Tolerance	+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	4.5 Nm
Maximum Speed	10000 RPM
Product Group	Bellows Coupling Standard Length
Shaft Tolerance	+0.000 mm / -0.013 mm
Zero-Backlash?	Yes
Balanced Design	Yes
UNSPC	31163018
Cap Screw	M2.5
Dynamic Torque Non-Reversing	2.25 Nm
Dynamic Torque Reversing	1.13 Nm
Hex Wrench Size	2.0 mm
Torsional Stiffness	14 Nm/Deg
Angular Misalignment	1.5 deg
Parallel Misalignment	0.10 mm
Axial Motion	0.25 mm
Bellows Attachment Method	Epoxy
Length Tolerance	+/- 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.
33258 Central Ave, Union City, CA 94587 1-800-228-8895,
510-512-7000,
info@pibsales.com
www.pibsales.com

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MBC19-5-5-A
Ruland
5mm X 5mm Bores, 19.1mm Od, 33.2mm Length, Bellows Coupling,
High Stiffness, Aluminum

UNIT

Metric

SHEET