



Brand	Ruland
Screw Material	Alloy Steel
Material	Aluminum
Bore (B1)	12 mm
Bore (B2)	8 mm
Keyway	No
B1 Max Shaft Penetration	20.4 mm
B2 Max Shaft Penetration	20.4 mm
Seating Torque	2.1 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)	1.313 in (33.3 mm)
Length (L)	1.700 in (43.2 mm)
Static Torque	13.6 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	M3
Dynamic Torque Non-Reversing	6.80 Nm
Dynamic Torque Reversing	3.40 Nm
Hex Wrench Size	2.5 mm
Torsional Stiffness	45 Nm/Deg
Angular Misalignment	1.5 deg
Parallel Misalignment	0.15 mm
Axial Motion	0.40 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.
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MBC33-12-8-A
Ruland
12mm X 8mm Bores, 33.3mm Od, 43.2mm Length, Bellows Coupling,
High Stiffness, Aluminum

UNIT

Metric

SHEET