



Brand	Ruland
Screw Finish	Black Oxide
Bore (B1)	0.5000 in
Bore (B2)	12 mm
Keyway	No
B1 Max Shaft Penetration	0.804 in (20.4 mm)
B2 Max Shaft Penetration	0.804 in (20.4 mm)
Seating Torque	2.1 Nm
Length (L)	1.700 in (43.2 mm)
Bore Tolerance	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
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)
Material	Aluminum
Screw Material	Alloy Steel
Dynamic Torque Reversing	30 lb-in (3.40 Nm)
Maximum Speed	10000 RPM
Shaft Tolerance	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm
Zero-Backlash?	Yes
Balanced Design	Yes
UNSPC	31163018
Cap Screw	M3
Dynamic Torque Non-Reversing	60 lb-in (6.80 Nm)
Hex Wrench Size	2.5 mm
Torsional Stiffness	400 lb-in/Deg (45 Nm/Deg)
Static Torque	120 lb-in (13.6 Nm)
Angular Misalignment	1.5 deg
Parallel Misalignment	0.006 in (0.15 mm)
Axial Motion	0.016 in (0.40 mm)
Bellows Attachment Method	Epoxy
Length Tolerance	+/- 0.030 in (0.76 mm)
Temperature	-40°F to 200°F (-40°C to 93°C)
Product Group	Bellows Coupling Standard Length
Recommended Hex Key	Metric Hex Keys



COMPONENT

Bellows Coupling Standard Length



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BC21-1/2"-12MM-A
Ruland
1/2" X 12mm Bores, 1.313" (33.3mm), Od. 1.700" (43.2mm) Length,
Bellows Coupling, High Stiffness, Aluminum

UNIT
Inch/Metric
SHEET