



Brand	Ruland
Number of Screws	2 ea
Material	Aluminum
Bore (B1)	0.5000 in
Bore (B2)	8 mm
Keyway	Yes
Keyway (K1)	1/8 in
Keyway (K2)	2 mm
B2 Max Shaft Penetration	0.626 in (15.9 mm)
Bore Tolerance	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
B1 Max Shaft Penetration	0.626 in (15.9 mm)
Screw Material	Alloy Steel
Screw Finish	Black Oxide
ISO 9001:2015	Certified
REACH	Compliant
RoHS3	Compliant
Conflict Minerals	Compliant
Tariff Code	8483.60.8000
O.D. (D)	1.000 in (25.4 mm)
Length (L)	1.345 in (34.2 mm)
Static Torque	60 lb-in (6.8 Nm)
Dynamic Torque Non-Reversing	30 lb-in (3.40 Nm)
Temperature	-40°F to 200°F (-40°C to 93°C)
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	M3
Hex Wrench Size	2.5 mm
Seating Torque	2.1 Nm
Dynamic Torque Reversing	15 lb-in (1.70 Nm)
Torsional Stiffness	244 lb-in/Deg (27 Nm/Deg)
Angular Misalignment	1.5 deg
Parallel Misalignment	0.004 in (0.10 mm)
Axial Motion	0.012 in (0.30 mm)
Bellows Attachment Method	Epoxy
Length Tolerance	+/- 0.030 in (0.76 mm)
Maximum Speed	10000 RPM
Recommended Hex Key	Metric Hex Keys



COMPONENT

Bellows Coupling Standard Length



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BCK16-1/2"-8MM-A
Ruland
1/2" X 8mm Bores, 1.000" (25.4mm), Od, 1.345" (34.2mm) Length,
Bellows Coupling With Keyways, High Stiffness, Aluminum

UNIT
Inch/Metric
SHEET