



O.D. (D):	1.313 in (33.3 mm)	Static Torque:	120 lb-in (13.6 Nm)
Brand:	Ruland	Number of Screws:	2 ea
Seating Torque:	2.1 Nm	Screw Finish:	Black Oxide
Zero-Backlash?:	Yes	Bore (B2):	8 mm
Balanced Design:	Yes	Keyway:	Yes
UNSPC:	31163018	Keyway (K1):	1/8 in
Cap Screw:	M3	Keyway (K2):	2 mm
Hex Wrench Size:	2.5 mm	B2 Max Shaft Penetration:	0.804 in (20.4 mm)
Dynamic Torque Non-Reversing:	60 lb-in (6.80 Nm)	B1 Max Shaft Penetration:	0.804 in (20.4 mm)
Dynamic Torque Reversing:	30 lb-in (3.40 Nm)	Bore Tolerance:	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
Angular Misalignment:	1.5 deg	Screw Material:	Alloy Steel
Torsional Stiffness:	400 lb-in/Deg (45 Nm/Deg)	Length (L):	1.700 in (43.2 mm)
Parallel Misalignment:	0.006 in (0.15 mm)	ISO 9001:2015:	Certified
Axial Motion:	0.016 in (0.40 mm)	REACH:	Compliant
Bellows Attachment Method:	Epoxy	RoHS3:	Compliant
Length Tolerance:	+/- 0.030 in (0.76 mm)	Conflict Minerals:	Compliant
Maximum Speed:	10000 RPM	Tariff Code:	8483.60.8000
Temperature:	-40°F to 200°F (-40°C to 93°C)	Material:	Aluminum
Product Group:	Bellows Coupling Standard Length	Bore (B1):	0.5000 in
Shaft Tolerance:	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm	Recommended Hex Key:	Metric Hex Keys

COMPONENT

Bellows Coupling Standard Length



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BCK21-1/2"-8MM-A
Ruland
1/2" X 8mm Bores, 1.313" (33.3mm), Od,
1.700" (43.2mm) Length, Bellows Coupling
With Keyways, High Stiffness, Aluminum

UNIT
Inch/Metric
SHEET