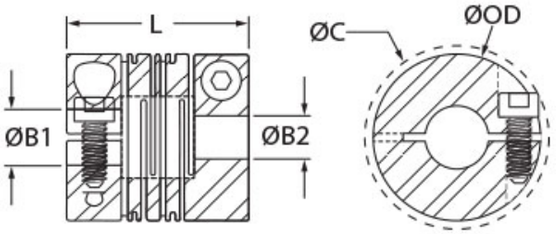

O.D. (D):	0.512 in (13.0 mm)	Hex Wrench Size:	1.5 mm
Brand:	Ruland	Length (L):	0.661 in (16.8 mm)
Dynamic Torque Non-Reversing:	4.9 lb-in (0.55 Nm)	Bore Tolerance:	+0.001 in / -0.000 in (+0.020 mm / -0.000 mm)
Finish Specification:	SurTec 650	Material:	Aluminum
Zero-Backlash?:	Yes	Bore (B1):	5 mm
Balanced Design:	Yes	Bore (B2):	0.1250 in
UNSPC:	31163003	B1 Max Shaft Penetration:	0.276 in (7.0 mm)
Clearance Diameter (C) MAX:	0.571 in (14.5 mm)	B2 Max Shaft Penetration:	0.276 in (7.0 mm)
Cap Screw:	M1.6	Screw Material:	18-8 300 Series Stainless Steel
Dynamic Torque Reversing:	3.1 lb-in (0.35 Nm)	Seating Torque:	0.21 Nm
Maximum Speed:	12000 RPM	Screw Finish:	Bright
Torsional Stiffness:	7.0 lb-in/Deg (0.8 Nm/Deg)	ISO 9001:2015:	Certified
Angular Misalignment:	2.5 deg	REACH:	Compliant
Parallel Misalignment:	0.003 in (0.08 mm)	RoHS3:	Compliant
Axial Motion:	0.012 in (0.30 mm)	Conflict Minerals:	Compliant
Peak Torque:	7.1 in-lb (0.80 Nm)	Tariff Code:	8483.60.8000
Moment of Inertia:	0.0003643 lb-in²	Number of Screws:	2
Country of Origin:	Ireland	Material Specification:	7075-T651 Bar

COMPONENT	Slit Coupling

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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RSC8-5MM-1/8"-A

Ruland

5mm X 0.125" Short Slit Coupling, 0.512" (13.0mm) Od, 0.661" (16.8mm) Length, Aluminum, Clamp Style

UNIT

Inch/Metric

SHEET