



O.D. (D):	0.984 in (25.0 mm)	Hex Wrench Size:	2.5 mm
Brand:	Ruland	Length (L):	1.016 in (25.8 mm)
Dynamic Torque Non-Reversing:	20.8 lb-in (2.35 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):	10 mm
Balanced Design:	Yes	Bore (B2):	0.2500 in
UNSPC:	31163003	B1 Max Shaft Penetration:	0.378 in (9.6 mm)
Clearance Diameter (C) MAX:	1.059 in (26.9 mm)	B2 Max Shaft Penetration:	0.378 in (9.6 mm)
Cap Screw:	M3	Screw Material:	18-8 300 Series Stainless Steel
Dynamic Torque Reversing:	13.7 lb-in (1.55 Nm)	Seating Torque:	1.10 Nm
Maximum Speed:	5000 RPM	Screw Finish:	Bright
Torsional Stiffness:	27.4 lb-in/Deg (3.1 Nm/Deg)	ISO 9001:2015:	Certified
Angular Misalignment:	3.0 deg	REACH:	Compliant
Parallel Misalignment:	0.016 in (0.40 mm)	RoHS3:	Compliant
Axial Motion:	0.028 in (0.70 mm)	Conflict Minerals:	Compliant
Peak Torque:	34.5 in-lb (3.90 Nm)	Tariff Code:	8483.60.8000
Moment of Inertia:	0.0076591 lb-in <sup>2</sup>	Number of Screws:	2
Country of Origin:	Ireland	Material Specification:	7075-T651 Bar

COMPONENT	Slit Coupling
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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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**RSC16-10MM-1/4"-A**  
**Ruland**  
10mm X 0.250" Short Slit Coupling, 0.984"  
(25.0mm) Od, 1.016" (25.8mm) Length,  
Aluminum, Clamp Style

UNIT
Inch/Metric
SHEET