



O.D. (D):	0.984 in (25.0 mm)	Hex Wrench Size:	2.5 mm
Brand:	Ruland	Length (L):	1.339 in (34.0 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):	9 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:	34.5 lb-in/Deg (3.9 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:	0.0106646 lb-in <sup>2</sup>	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

This file and any associated information and specifications are provided for reference and evaluation purposes only, and is subject to change without notice. PIB makes no representations, warranties or guarantees as to the appropriateness, accuracy, completeness, or suitability for any purpose, of the file, information or specifications. You are solely responsible for the use of the file, information or specifications.

**RLC16-9MM-1/4"-A**  
**Ruland**  
9mm X 0.250" Long Slit Coupling, 0.984"  
(25.0mm) Od, 1.339" (34.0mm) Length,  
Aluminum, Clamp Style

UNIT
Inch/Metric
SHEET