



O.D. (D):	25 mm	Seating Torque:	3.20 Nm
Brand:	Ruland	Screw Material:	18-8 300 Series Stainless Steel
Hex Wrench Size:	2.5 mm	Number of Screws:	4
Country of Origin:	Ireland	Material:	Aluminum
Finish Specification:	SurTec 650	Bore (B1):	12 mm
Zero-Backlash?:	Yes	Bore (B2):	9 mm
Forged Set Screw:	M5	B1 Max Shaft Penetration:	9.6 mm
Balanced Design:	Yes	B2 Max Shaft Penetration:	9.6 mm
UNSPC:	31163003	Length (L):	34.0 mm
Maximum Speed:	12000 RPM	Bore Tolerance:	+0.020 mm / +0.000 mm
Dynamic Torque Non- Reversing:	3.10 Nm	Screw Finish:	Bright
Torsional Stiffness:	3.8 Nm/Deg	ISO 9001:2015:	Certified
Angular Misalignment:	3.0 deg	REACH:	Compliant
Parallel Misalignment:	0.40 mm	RoHS3:	Compliant
Axial Motion:	0.70 mm	Conflict Minerals:	Compliant
Peak Torque:	5.20 Nm	Tariff Code:	8483.60.8000
Moment of Inertia:	0.0104943 lb-in <sup>2</sup>	Material Specification:	7075-T651 Bar
Dynamic Torque Reversing:	2.05 Nm		

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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**MRLS25-12-9-A**  
**Ruland**  
12mm X 9mm Long Slit Coupling, 25.0mm  
Od, 34.0mm Length, Aluminum, Set Screw  
Style

UNIT
Metric
SHEET