



O.D. (D):	0.984 in (25.0 mm)	Seating Torque:	3.20 Nm
Brand:	Ruland	Length (L):	1.339 in (34.0 mm)
Dynamic Torque Non-Reversing:	27.4 lb-in (3.10 Nm)	Bore Tolerance:	+0.001 in / -0.000 in (+0.020 mm / -0.000 mm)
Country of Origin:	Ireland	Material:	Aluminum
Finish Specification:	SurTec 650	Bore (B1):	12 mm
Zero-Backlash?:	Yes	Bore (B2):	0.3125 in
Forged Set Screw:	M5	B1 Max Shaft Penetration:	0.378 in (9.6 mm)
Balanced Design:	Yes	B2 Max Shaft Penetration:	0.378 in (9.6 mm)
UNSPC:	31163003	Screw Material:	18-8 300 Series Stainless Steel
Dynamic Torque Reversing:	18.3 lb-in (2.05 Nm)	Number of Screws:	4
Hex Wrench Size:	2.5 mm	Screw Finish:	Bright
Torsional Stiffness:	33.6 lb-in/Deg (3.8 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:	46.0 in-lb (5.20 Nm)	Tariff Code:	8483.60.8000
Moment of Inertia:	0.0105534 lb-in <sup>2</sup>	Material Specification:	7075-T651 Bar
Maximum Speed:	12000 RPM		

COMPONENT	Slit Coupling
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**RLS16-12MM-5/16"-A**  
**Ruland**  
12mm X 0.313" Long Slit Coupling, 0.984"  
(25.0mm) Od, 1.339" (34.0mm) Length,  
Aluminum, Set Screw Style

UNIT
Inch/Metric
SHEET