



O.D. (D):	0.630 in (16.0 mm)	Seating Torque:	0.73 Nm
Brand:	Ruland	Length (L):	0.778 in (19.8 mm)
Dynamic Torque Non-Reversing:	10.2 lb-in (1.15 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):	7 mm
Zero-Backlash?:	Yes	Bore (B2):	0.2500 in
Forged Set Screw:	M3	B1 Max Shaft Penetration:	0.311 in (7.9 mm)
Balanced Design:	Yes	B2 Max Shaft Penetration:	0.311 in (7.9 mm)
UNSPC:	31163003	Screw Material:	18-8 300 Series Stainless Steel
Dynamic Torque Reversing:	6.6 lb-in (0.75 Nm)	Number of Screws:	4
Hex Wrench Size:	1.5 mm	Screw Finish:	Bright
Torsional Stiffness:	10.6 lb-in/Deg (1.2 Nm/Deg)	ISO 9001:2015:	Certified
Angular Misalignment:	2.5 deg	REACH:	Compliant
Parallel Misalignment:	0.004 in (0.10 mm)	RoHS3:	Compliant
Axial Motion:	0.016 in (0.40 mm)	Conflict Minerals:	Compliant
Peak Torque:	16.8 in-lb (1.90 Nm)	Tariff Code:	8483.60.8000
Moment of Inertia:	0.0009886 lb-in <sup>2</sup>	Material Specification:	7075-T651 Bar
Maximum Speed:	25000 RPM		

COMPONENT	Slit Coupling
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**RSS10-7MM-1/4"-A**  
**Ruland**  
7mm X 0.250" Short Slit Coupling, 0.630"  
(16.0mm) Od, 0.925" (23.5mm) Length,  
Aluminum, Set Screw Style

UNIT
Inch/Metric
SHEET