



O.D. (D):	0.630 in (16.0 mm)	Hex Wrench Size:	1.5 mm
Brand:	Ruland	Length (L):	0.778 in (19.8 mm)
Dynamic Torque Non-Reversing:	7.5 lb-in (0.85 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):	8 mm
Balanced Design:	Yes	Bore (B2):	0.2500 in
UNSPC:	31163003	B1 Max Shaft Penetration:	0.311 in (7.9 mm)
Clearance Diameter (C) MAX:	0.709 in (18.0 mm)	B2 Max Shaft Penetration:	0.311 in (7.9 mm)
Cap Screw:	M2	Screw Material:	18-8 300 Series Stainless Steel
Dynamic Torque Reversing:	4.9 lb-in (0.55 Nm)	Seating Torque:	0.36 Nm
Maximum Speed:	10000 RPM	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:	11.1 in-lb (1.25 Nm)	Tariff Code:	8483.60.8000
Moment of Inertia:	0.0009626 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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**RSC10-8MM-1/4"-A**  
**Ruland**  
8mm X 0.250" Short Slit Coupling, 0.630"  
(16.0mm) Od, 0.778" (19.8mm) Length,  
Aluminum, Clamp Style

UNIT
Inch/Metric
SHEET