



O.D. (D):	0.512 in (13.0 mm)	Seating Torque:	0.44 Nm
Brand:	Ruland	Length (L):	0.787 in (20.0 mm)
Dynamic Torque Non-Reversing:	6.2 lb-in (0.70 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):	0.2500 in
Zero-Backlash?:	Yes	Bore (B2):	5 mm
Forged Set Screw:	M2.5	B1 Max Shaft Penetration:	0.276 in (7.0 mm)
Balanced Design:	Yes	B2 Max Shaft Penetration:	0.276 in (7.0 mm)
UNSPC:	31163003	Screw Material:	18-8 300 Series Stainless Steel
Dynamic Torque Reversing:	4.4 lb-in (0.50 Nm)	Number of Screws:	4
Hex Wrench Size:	1.3 mm	Screw Finish:	Bright
Torsional Stiffness:	8.0 lb-in/Deg (0.9 Nm/Deg)	ISO 9001:2015:	Certified
Angular Misalignment:	2.5 deg	REACH:	Compliant
Parallel Misalignment:	0.006 in (0.15 mm)	RoHS3:	Compliant
Axial Motion:	0.012 in (0.30 mm)	Conflict Minerals:	Compliant
Peak Torque:	10.6 in-lb (1.20 Nm)	Tariff Code:	8483.60.8000
Moment of Inertia:	0.000443 lb-in <sup>2</sup>	Material Specification:	7075-T651 Bar
Maximum Speed:	20000 RPM		

COMPONENT	Slit Coupling
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## RLS8-1/4"-5MM-A

### Ruland

0.250" X 5mm Long Slit Coupling, 0.512"  
(13.0mm) Od, 0.778" (20.0mm) Length,  
Aluminum, Set Screw Style

UNIT

Inch/Metric

SHEET