



O.D. (D):	0.512 in	Seating Torque:	0.44 Nm
Brand:	Ruland	Length (L):	0.778 in
Dynamic Torque Non-Reversing:	6.2 lb-in	Bore Tolerance:	+0.001 in / -0.000 in
Country of Origin:	Ireland	Material:	Aluminum
Finish Specification:	SurTec 650	Bore (B1):	0.1875 in
Zero-Backlash?:	Yes	Bore (B2):	0.1250 in
Forged Set Screw:	M2.5	B1 Max Shaft Penetration:	0.276 in
Balanced Design:	Yes	B2 Max Shaft Penetration:	0.276 in
UNSPC:	31163003	Screw Material:	18-8 300 Series Stainless Steel
Dynamic Torque Reversing:	4.4 lb-in	Number of Screws:	4
Hex Wrench Size:	1.3 mm	Screw Finish:	Bright
Torsional Stiffness:	8.0 lb-in/Deg	ISO 9001:2015:	Certified
Angular Misalignment:	2.5 deg	REACH:	Compliant
Parallel Misalignment:	0.006 in	RoHS3:	Compliant
Axial Motion:	0.012 in	Conflict Minerals:	Compliant
Peak Torque:	10.6 in-lb	Tariff Code:	8483.60.8000
Moment of Inertia:	0.0004565 lb-in²	Material Specification:	7075-T651 Bar
Maximum Speed:	20000 RPM		

COMPONENT	Slit Coupling
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**RLS8-3-2-A**  
**Ruland**  
0.188" X 0.125" Long Slit Coupling, 0.512"  
Od, 0.778" Length, Aluminum, Set Screw  
Style

UNIT
Inch
SHEET