



O.D. (D):	0.512 in	Hex Wrench Size:	1.5 mm
Brand:	Ruland	Length (L):	0.787 in
Dynamic Torque Non-Reversing:	4.9 lb-in	Bore Tolerance:	+0.001 in / -0.000 in
Finish Specification:	SurTec 650	Material:	Aluminum
Zero-Backlash?:	Yes	Bore (B1):	0.2500 in
Balanced Design:	Yes	Bore (B2):	0.1250 in
UNSPC:	31163003	B1 Max Shaft Penetration:	0.276 in
Clearance Diameter (C) MAX:	0.571 in	B2 Max Shaft Penetration:	0.276 in
Cap Screw:	M1.6	Screw Material:	18-8 300 Series Stainless Steel
Dynamic Torque Reversing:	3.1 lb-in	Seating Torque:	0.21 Nm
Maximum Speed:	12000 RPM	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:	7 in-lb	Tariff Code:	8483.60.8000
Moment of Inertia:	0.0004386 lb-in <sup>2</sup>	Number of Screws:	2
Country of Origin:	Ireland	Material Specification:	7075-T651 Bar

<b>COMPONENT</b>	<b>Slit Coupling</b>
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**RLC8-4-2-A**  
**Ruland**  
0.250" X 0.125" Long Slit Coupling, 0.512"  
Od, 0.787" Length, Aluminum, Clamp Style

UNIT

Inch

SHEET