



O.D. (D):	25 mm	Dynamic Torque Non-Reversing:	2.35 Nm
Brand:	Ruland	Seating Torque:	1.10 Nm
Hex Wrench Size:	2.5 mm	Screw Finish:	Bright
Zero-Backlash?:	Yes	Material:	Aluminum
Balanced Design:	Yes	Bore (B1):	8 mm
UNSPC:	31163003	Bore (B2):	5 mm
Clearance Diameter (C) MAX:	26.9 mm	B1 Max Shaft Penetration:	9.6 mm
Cap Screw:	M3	B2 Max Shaft Penetration:	9.6 mm
Maximum Speed:	5000 RPM	Screw Material:	18-8 300 Series Stainless Steel
Torsional Stiffness:	3.1 Nm/Deg	Bore Tolerance:	+0.020 mm / +0.000 mm
Dynamic Torque Reversing:	1.55 Nm	Length (L):	25.8 mm
Angular Misalignment:	3.0 deg	ISO 9001:2015:	Certified
Parallel Misalignment:	0.40 mm	REACH:	Compliant
Axial Motion:	0.70 mm	RoHS3:	Compliant
Peak Torque:	3.90 Nm	Conflict Minerals:	Compliant
Moment of Inertia:	0.0077248 lb-in <sup>2</sup>	Tariff Code:	8483.60.8000
Country of Origin:	Ireland	Number of Screws:	2
Finish Specification:	SurTec 650	Material Specification:	7075-T651 Bar

COMPONENT	Slit Coupling
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**MRSC25-8-5-A**  
**Ruland**  
8mm X 5mm Short Slit Coupling, 25.0mm  
Od, 25.8mm Length, Aluminum, Clamp  
Style

UNIT

Metric

SHEET