



O.D. (D):	0.512 in	Seating Torque:	0.44 Nm
Brand:	Ruland	Length (L):	0.661 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):	0.2500 in
Zero-Backlash?:	Yes	Bore (B2):	0.2500 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:	7.1 lb-in/Deg	ISO 9001:2015:	Certified
Angular Misalignment:	2.5 deg	REACH:	Compliant
Parallel Misalignment:	0.003 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:	0.0004386 lb-in ²	Material Specification:	7075-T651 Bar
Maximum Speed:	30000 RPM		

COMPONENT	Slit Coupling
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Pacific International Bearing, Inc.
33258 Central Ave, Union City, CA 94587
1-800-228-8895, 510-512-7000,
info@pibsales.com
www.pibsales.com

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RSS8-4-4-A
Ruland
0.250" X 0.250" Short Slit Coupling, 0.512"
Od, 0.661" Length, Aluminum, Set Screw
Style

UNIT

Inch

SHEET