



Brand:	Ruland	Bore Tolerance:	+0.025 mm / -0.000 mm
UNSPC:	31163003	Number of Screws:	4 ea
Maximum Speed:	6000 RPM	Tariff Code:	8483.60.8000
Temperature:	-40°F to 350°F (-40°C to 176°C)	Conflict Minerals:	Compliant
Country of Origin:	USA	RoHS3:	Compliant
Product Group:	P-Series 4 Beam Couplings Set Screw	REACH:	Compliant
Shaft Tolerance:	+0.000 mm / -0.013 mm	ISO 9001:2015:	Certified
Zero-Backlash?:	Yes	Screw Finish:	Black Oxide
Seating Torque:	7.2 Nm	Screw Material:	Alloy Steel
Forged Set Screw:	M6	O.D. (D):	1.250 in (31.8 mm)
Static Torque:	7.91 Nm	B2 Max Shaft Penetration:	17.6 mm
Dynamic Torque Non-Reversing:	3.96 Nm	B1 Max Shaft Penetration:	17.6 mm
Dynamic Torque Reversing:	1.98 Nm	Keyway:	No
Torsional Stiffness:	0.57 Deg/Nm	Bore (B2):	7 mm
Angular Misalignment:	3.0 deg	Bore (B1):	12 mm
Parallel Misalignment:	0.38 mm	Material:	303 Stainless Steel
Hex Wrench Size:	3.0 mm	Axial Motion:	0.25 mm



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COMPONENT

P-Series Four Beam Coupling

PSMR32-12-7-SS

Ruland

12mm X 7mm Bores, 31.8mm Od, 38.1mm
Length, Four Beam Coupling, Stainless
Steel Set Screw Style

UNIT

Metric

SHEET