



Brand:	Ruland	Bore Tolerance:	+0.001 in / -0.000 in (+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 225°F (-40°C to 107°C)	Conflict Minerals:	Compliant
Country of Origin:	USA	RoHS3:	Compliant
Product Group:	P-Series 4 Beam Couplings Set Screw	REACH:	Compliant
Shaft Tolerance:	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm	ISO 9001:2015:	Certified
Zero-Backlash?:	Yes	Screw Finish:	Black Oxide
Seating Torque:	0.21 Nm	Screw Material:	Alloy Steel
Forged Set Screw:	M2	O.D. (D):	0.500 in (12.7 mm)
Static Torque:	8 lb-in (0.90 Nm)	B2 Max Shaft Penetration:	0.356 in (9.0 mm)
Dynamic Torque Non-Reversing:	4 lb-in (0.45 Nm)	B1 Max Shaft Penetration:	0.356 in (9.0 mm)
Dynamic Torque Reversing:	2 lb-in (0.23 Nm)	Keyway:	No
Torsional Stiffness:	0.750 Deg/lb-in (6.64 Deg/Nm)	Bore (B2):	3 mm
Angular Misalignment:	3.0 deg	Bore (B1):	0.1250 in
Parallel Misalignment:	0.008 in (0.20 mm)	Material:	Aluminum
Hex Wrench Size:	0.9 mm	Axial Motion:	0.005 in (0.13 mm)

COMPONENT

P-Series Four Beam Coupling



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PSR8-1/8"-3MM-A
Ruland
1/8" X 3mm Bores, 0.500" Od, 0.750"
Length, Four Beam Coupling, Aluminum
Set Screw Style

UNIT
Inch/Metric
SHEET