



O.D. (D):	0.750 in (19.1 mm)	Hex Wrench Size:	2.0 mm
Brand:	Ruland	Bore Tolerance:	+0.001 in / -0.000 in (+0.025 mm / -0.000 mm)
UNSPC:	31163003	Number of Screws:	2 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:	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm	ISO 9001:2015:	Certified
Zero-Backlash?:	Yes	Screw Finish:	Black Oxide
Seating Torque:	1.76 Nm	Screw Material:	Alloy Steel
Forged Set Screw:	M4	B2 Max Shaft Penetration:	0.422 in (10.7 mm)
Static Torque:	23.0 lb-in (2.60 Nm)	B1 Max Shaft Penetration:	0.422 in (10.7 mm)
Dynamic Torque Non-Reversing:	11.5 lb-in (1.30 Nm)	Keyway:	No
Dynamic Torque Reversing:	5.75 lb-in (0.65 Nm)	Bore (B2):	0.1250 in
Torsional Stiffness:	0.151 Deg/lb-in (1.34 Deg/Nm)	Bore (B1):	5 mm
Angular Misalignment:	3.0 deg	Material:	303 Stainless Steel
Parallel Misalignment:	0.008 in (0.20 mm)	Axial Motion:	0.005 in (0.13 mm)

COMPONENT

P-Series Four Beam Coupling



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PSR12-5MM-1/8"-SS
Ruland
5mm X 1/8" Bores, 0.750" Od, 0.900"
Length, Four Beam Coupling, Stainless
Steel Set Screw Style

UNIT
Inch/Metric
SHEET