



O.D. (D):	1.125 in (28.6 mm)	Seating Torque:	4.6 Nm
Brand:	Ruland	Screw Material:	Alloy Steel
Hex Wrench Size:	3.0 mm	Number of Screws:	2 ea
Temperature:	-40°F to 225°F (-40°C to 107°C)	Material:	Aluminum
Country of Origin:	USA	Bore (B1):	0.5000 in
Product Group:	P-Series 4 Beam Couplings Clamp	Bore (B2):	8 mm
Shaft Tolerance:	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm	Keyway:	No
Zero-Backlash?:	Yes	B1 Max Shaft Penetration:	0.695 in (17.6 mm)
Balanced Design:	Yes	B2 Max Shaft Penetration:	0.695 in (17.6 mm)
Maximum Speed:	6000 RPM	Bore Tolerance:	+0.001 in / -0.000 in (+0.025 mm / -0.000 mm)
UNSPC:	31163003	Screw Finish:	Black Oxide
Static Torque:	34 lb-in (3.84 Nm)	ISO 9001:2015:	Certified
Dynamic Torque Non-Reversing:	17 lb-in (1.92 Nm)	REACH:	Compliant
Dynamic Torque Reversing:	8.5 lb-in (0.96 Nm)	RoHS3:	Compliant
Torsional Stiffness:	0.220 Deg/lb-in (1.95 Deg/Nm)	Conflict Minerals:	Compliant
Angular Misalignment:	3.0 deg	Tariff Code:	8483.60.8000
Parallel Misalignment:	0.015 in (0.38 mm)	Axial Motion:	0.010 in (0.25 mm)
Cap Screw:	M4		

COMPONENT	P-Series Four Beam Coupling
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PCR18-1/2"-8MM-A
Ruland
1/2" X 8mm Bores, 1.125" Od, 1.500" Length,
Four Beam Coupling, Aluminum Set
Screw Style

UNIT
Inch/Metric
SHEET