



Brand	Ruland
Screw Material	Alloy Steel
Material	Aluminum
Bore (B1)	0.5000 in
Bore (B2)	12 mm
Keyway	No
B1 Max Shaft Penetration	0.695 in (17.6 mm)
B2 Max Shaft Penetration	0.695 in (17.6 mm)
Number of Screws	2 ea
O.D. (D)	1.125 in (28.6 mm)
Screw Finish	Black Oxide
ISO 9001:2015	Certified
REACH	Compliant
RoHS3	Compliant
Conflict Minerals	Compliant
Tariff Code	8483.60.8000
Bore Tolerance	+0.001 in / -0.000 in (+0.025 mm / -0.000 mm)
Seating Torque	4.6 Nm
UNSPC	31163003
Cap Screw	M4
Temperature	-40°F to 225°F (-40°C to 107°C)
Country of Origin	USA
Product Group	P-Series 4 Beam Couplings Clamp
Shaft Tolerance	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm
Zero-Backlash?	Yes
Balanced Design	Yes
Hex Wrench Size	3.0 mm
Maximum Speed	6000 RPM
Static Torque	34 lb-in (3.84 Nm)
Dynamic Torque Non-Reversing	17 lb-in (1.92 Nm)
Dynamic Torque Reversing	8.5 lb-in (0.96 Nm)
Torsional Stiffness	0.220 Deg/lb-in (1.95 Deg/Nm)
Angular Misalignment	3.0 deg
Parallel Misalignment	0.015 in (0.38 mm)
Axial Motion	0.010 in (0.25 mm)



COMPONENT

P-Series Four Beam Coupling



Pacific International Bearing, Inc.
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PCR18-1/2"-12MM-A
Ruland
1/2" X 12mm Bores, 1.125" Od, 1.500" Length, Four Beam
Coupling, Aluminum Set Screw Style

UNIT
Inch/Metric
SHEET