



Brand	Ruland
Screw Material	Alloy Steel
Material	Aluminum
Bore (B1)	8 mm
Bore (B2)	0.2500 in
Keyway	No
B1 Max Shaft Penetration	0.579 in (14.7 mm)
B2 Max Shaft Penetration	0.579 in (14.7 mm)
Number of Screws	2 ea
O.D. (D)	1.000 in (25.4 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	33.0 lb-in (3.73 Nm)
Dynamic Torque Non-Reversing	16.5 lb-in (1.86 Nm)
Dynamic Torque Reversing	8.25 lb-in (0.93 Nm)
Torsional Stiffness	0.177 Deg/lb-in (1.57 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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PCR16-8MM-1/4"-A
Ruland
8mm X 1/4" Bores, 1.000" Od, 1.250" Length, Four Beam
Coupling, Aluminum Set Screw Style

UNIT
Inch/Metric
SHEET