



Brand	Ruland
Screw Material	Alloy Steel
Material	Aluminum
Bore (B1)	0.2500 in
Bore (B2)	5 mm
Keyway	No
B1 Max Shaft Penetration	0.499 in (12.7 mm)
B2 Max Shaft Penetration	0.499 in (12.7 mm)
Number of Screws	2 ea
O.D. (D)	0.875 in (22.2 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	2.1 Nm
UNSPC	31163003
Cap Screw	M3
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	2.5 mm
Maximum Speed	6000 RPM
Static Torque	18 lb-in (2.03 Nm)
Dynamic Torque Non-Reversing	9 lb-in (1.02 Nm)
Dynamic Torque Reversing	4.5 lb-in (0.51 Nm)
Torsional Stiffness	0.210 Deg/lb-in (1.86 Deg/Nm)
Angular Misalignment	3.0 deg
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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Pacific International Bearing, Inc.
33258 Central Ave, Union City, CA 94587
1-800-228-8895, 510-512-7000,
info@pibsales.com
www.pibsales.com

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PCR14-1/4"-5MM-A
Ruland
1/4" X 5mm Bores, 0.875" Od, 1.063" Length, Four Beam
Coupling, Aluminum Set Screw Style

UNIT
Inch/Metric
SHEET