



Brand	Ruland
Screw Material	Alloy Steel
Material	Aluminum
Bore (B1)	0.1563 in
Bore (B2)	0.1563 in
Keyway	No
B1 Max Shaft Penetration	0.422 in
B2 Max Shaft Penetration	0.422 in
Number of Screws	2 ea
O.D. (D)	0.750 in (19.1 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
Seating Torque	1.21 Nm
UNSPC	31163003
Cap Screw	M2.5
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
Zero-Backlash?	Yes
Balanced Design	Yes
Hex Wrench Size	2.0 mm
Maximum Speed	6000 RPM
Static Torque	17 lb-in
Dynamic Torque Non-Reversing	8.5 lb-in
Dynamic Torque Reversing	4.25 lb-in
Torsional Stiffness	0.260 Deg/lb-in
Angular Misalignment	3.0 deg
Parallel Misalignment	0.008 in
Axial Motion	0.005 in



COMPONENT

P-Series Four Beam Coupling



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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PCR12-2.5-2.5-A
Ruland
5/32" X 5/32" Bores, 0.750" Od, 0.900" Length, Four Beam
Coupling, Aluminum Clamp Style

UNIT

Inch

SHEET