



Brand	Ruland
Screw Material	Alloy Steel
Material	303 Stainless Steel
Bore (B1)	0.5000 in
Bore (B2)	0.5000 in
Keyway	No
B1 Max Shaft Penetration	0.695 in
B2 Max Shaft Penetration	0.695 in
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
Seating Torque	4.6 Nm
UNSPC	31163003
Cap Screw	M4
Temperature	-40°F to 350°F (-40°C to 176°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	3.0 mm
Maximum Speed	6000 RPM
Static Torque	46 lb-in
Dynamic Torque Non-Reversing	23 lb-in
Dynamic Torque Reversing	11.5 lb-in
Torsional Stiffness	0.111 Deg/lb-in
Angular Misalignment	3.0 deg
Parallel Misalignment	0.015 in
Axial Motion	0.010 in



COMPONENT

P-Series Four Beam Coupling



Pacific International Bearing, Inc.
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PCR18-8-8-SS
Ruland
1/2" X 1/2" Bores, 1.125" Od, 1.500" Length, Four Beam Coupling,
Stainless Steel Clamp Style

UNIT

Inch

SHEET