



Brand	Ruland
Screw Material	Alloy Steel
Material	Aluminum
Bore (B1)	12 mm
Bore (B2)	10 mm
Keyway	No
B1 Max Shaft Penetration	17.6 mm
B2 Max Shaft Penetration	17.6 mm
Number of Screws	2 ea
O.D. (D)	1.250 in (31.8 mm)
Screw Finish	Black Oxide
ISO 9001:2015	Certified
REACH	Compliant
RoHS3	Compliant
Conflict Minerals	Compliant
Tariff Code	8483.60.8000
Bore Tolerance	+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	+0.000 mm / -0.013 mm
Zero-Backlash?	Yes
Balanced Design	Yes
Hex Wrench Size	3.0 mm
Maximum Speed	6000 RPM
Static Torque	5.88 Nm
Dynamic Torque Non-Reversing	2.94 Nm
Dynamic Torque Reversing	1.47 Nm
Torsional Stiffness	1.10 Deg/Nm
Angular Misalignment	3.0 deg
Parallel Misalignment	0.38 mm
Axial Motion	0.25 mm



COMPONENT

P-Series Four Beam Coupling



Pacific International Bearing, Inc.
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PCMR32-12-10-A
Ruland
12mm X 10mm Bores, 31.8mm Od, 38.1mm Length, Four Beam
Coupling, Aluminum Clamp Style

UNIT

Metric

SHEET