



Brand	Ruland
Screw Material	Alloy Steel
Material	Aluminum
Bore (B1)	10 mm
Bore (B2)	7 mm
Keyway	No
B1 Max Shaft Penetration	14.7 mm
B2 Max Shaft Penetration	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	+0.025 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	3.39 Nm
Dynamic Torque Non-Reversing	1.70 Nm
Dynamic Torque Reversing	0.85 Nm
Torsional Stiffness	1.80 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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PCMR25-10-7-A
Ruland
10mm X 7mm Bores, 25.4mm Od, 31.8mm Length, Four Beam
Coupling, Aluminum Clamp Style

UNIT

Metric

SHEET