



Brand:	Ruland	Screw Material:	Alloy Steel
Hex Wrench Size:	2.5 mm	Number of Screws:	2 ea
Temperature:	-40°F to 225°F (-40°C to 107°C)	Material:	Aluminum
Country of Origin:	USA	Bore (B1):	7 mm
Product Group:	P-Series 4 Beam Couplings Clamp	Bore (B2):	5 mm
Shaft Tolerance:	+0.000 mm / -0.013 mm	Keyway:	No
Zero-Backlash?:	Yes	B1 Max Shaft Penetration:	12.7 mm
Balanced Design:	Yes	B2 Max Shaft Penetration:	12.7 mm
Maximum Speed:	6000 RPM	O.D. (D):	0.875 in (22.2 mm)
UNSPC:	31163003	Bore Tolerance:	+0.025 mm / -0.000 mm
Static Torque:	1.81 Nm	Screw Finish:	Black Oxide
Dynamic Torque Non-Reversing:	0.91 Nm	ISO 9001:2015:	Certified
Dynamic Torque Reversing:	0.45 Nm	REACH:	Compliant
Torsional Stiffness:	2.43 Deg/Nm	RoHS3:	Compliant
Angular Misalignment:	3.0 deg	Conflict Minerals:	Compliant
Parallel Misalignment:	0.20 mm	Tariff Code:	8483.60.8000
Cap Screw:	M3	Axial Motion:	0.13 mm
Seating Torque:	2.1 Nm		

COMPONENT

P-Series Four Beam Coupling



Pacific International Bearing, Inc.
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PCMR22-7-5-A

Ruland

7mm X 5mm Bores, 22.2mm Od, 27.0mm
Length, Four Beam Coupling, Aluminum
Clamp Style

UNIT

Metric

SHEET