



O.D. (D):	1.000 in (25.4 mm)	Seating Torque:	4.6 Nm
Brand:	Ruland	Screw Material:	Alloy Steel
Hex Wrench Size:	3.0 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):	8 mm
Product Group:	P-Series 4 Beam Couplings Clamp	Bore (B2):	7 mm
Shaft Tolerance:	+0.000 mm / -0.013 mm	Keyway:	No
Zero-Backlash?:	Yes	B1 Max Shaft Penetration:	14.7 mm
Balanced Design:	Yes	B2 Max Shaft Penetration:	14.7 mm
Maximum Speed:	6000 RPM	Bore Tolerance:	+0.025 mm / -0.000 mm
UNSPC:	31163003	Screw Finish:	Black Oxide
Static Torque:	3.73 Nm	ISO 9001:2015:	Certified
Dynamic Torque Non-Reversing:	1.87 Nm	REACH:	Compliant
Dynamic Torque Reversing:	0.93 Nm	RoHS3:	Compliant
Torsional Stiffness:	1.57 Deg/Nm	Conflict Minerals:	Compliant
Angular Misalignment:	3.0 deg	Tariff Code:	8483.60.8000
Parallel Misalignment:	0.38 mm	Axial Motion:	0.25 mm
Cap Screw:	M4		

COMPONENT	P-Series Four Beam Coupling
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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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PCMR25-8-7-A
Ruland
8mm X 7mm Bores, 25.4mm Od, 31.8mm
Length, Four Beam Coupling, Aluminum
Clamp Style

UNIT

Metric

SHEET