



Brand:	Ruland	Screw Material:	Alloy Steel
Hex Wrench Size:	3.0 mm	Number of Screws:	2 ea
Temperature:	-40°F to 350°F (-40°C to 176°C)	Material:	303 Stainless Steel
Country of Origin:	USA	Bore (B1):	12 mm
Product Group:	P-Series 4 Beam Couplings Clamp	Bore (B2):	10 mm
Shaft Tolerance:	+0.000 mm / -0.013 mm	Keyway:	No
Zero-Backlash?:	Yes	B1 Max Shaft Penetration:	17.6 mm
Balanced Design:	Yes	B2 Max Shaft Penetration:	17.6 mm
Maximum Speed:	6000 RPM	O.D. (D):	1.125 in (28.6 mm)
UNSPC:	31163003	Bore Tolerance:	+0.025 mm / -0.000 mm
Static Torque:	5.20 Nm	Screw Finish:	Black Oxide
Dynamic Torque Non-Reversing:	2.60 Nm	ISO 9001:2015:	Certified
Dynamic Torque Reversing:	1.30 Nm	REACH:	Compliant
Torsional Stiffness:	0.98 Deg/Nm	RoHS3:	Compliant
Angular Misalignment:	3.0 deg	Conflict Minerals:	Compliant
Parallel Misalignment:	0.38 mm	Tariff Code:	8483.60.8000
Cap Screw:	M4	Axial Motion:	0.25 mm
Seating Torque:	4.6 Nm		

COMPONENT

P-Series Four Beam Coupling



Pacific International Bearing, Inc.
33258 Central Ave, Union City, CA 94587
1-800-228-8895, 510-512-7000,
info@pibsales.com
www.pibsales.com

This file and any associated information and specifications are provided for reference and evaluation purposes only, and is subject to change without notice. PIB makes no representations, warranties or guarantees as to the appropriateness, accuracy, completeness, or suitability for any purpose, of the file, information or specifications. You are solely responsible for the use of the file, information or specifications.

PCMR29-12-10-SS
Ruland
12mm X 10mm Bores, 28.6mm Od, 38.1mm
Length, Four Beam Coupling, Stainless
Steel Clamp Style

UNIT

Metric

SHEET