


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):	0.5000 in
Product Group:	P-Series 4 Beam Couplings Clamp	Bore (B2):	0.5000 in
Shaft Tolerance:	+0.0000 in / -0.0005 in	Keyway:	No
Zero-Backlash?:	Yes	B1 Max Shaft Penetration:	0.695 in
Balanced Design:	Yes	B2 Max Shaft Penetration:	0.695 in
Maximum Speed:	6000 RPM	O.D. (D):	1.125 in (28.6 mm)
UNSPC:	31163003	Bore Tolerance:	+0.001 in / -0.000 in
Static Torque:	46 lb-in	Screw Finish:	Black Oxide
Dynamic Torque Non-Reversing:	23 lb-in	ISO 9001:2015:	Certified
Dynamic Torque Reversing:	11.5 lb-in	REACH:	Compliant
Torsional Stiffness:	0.111 Deg/lb-in	RoHS3:	Compliant
Angular Misalignment:	3.0 deg	Conflict Minerals:	Compliant
Parallel Misalignment:	0.015 in	Tariff Code:	8483.60.8000
Cap Screw:	M4	Axial Motion:	0.010 in
Seating Torque:	4.6 Nm		

COMPONENT	P-Series Four Beam Coupling
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	<p>Pacific International Bearing, Inc. 33258 Central Ave, Union City, CA 94587 1-800-228-8895, 510-512-7000, info@pibsales.com www.pibsales.com</p>	<p>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.</p>	<p>PCR18-8-8-SS Ruland 1/2" X 1/2" Bores, 1.125" Od, 1.500" Length, Four Beam Coupling, Stainless Steel Clamp Style</p>		UNIT
					Inch
					SHEET