



Brand	Ruland
Bore Tolerance	+0.001 in / -0.000 in
Tariff Code	8483.60.8000
Conflict Minerals	Compliant
RoHS3	Compliant
REACH	Compliant
ISO 9001:2015	Certified
Screw Finish	Black Oxide
Number of Screws	4 ea
Screw Material	Alloy Steel
B2 Max Shaft Penetration	0.695 in
B1 Max Shaft Penetration	0.695 in
Keyway	No
Bore (B2)	0.5000 in
Bore (B1)	0.5000 in
Material	Aluminum
O.D. (D)	1.125 in (28.6 mm)
Hex Wrench Size	2.5 mm
UNSPC	31163003
Parallel Misalignment	0.015 in
Angular Misalignment	3.0 deg
Torsional Stiffness	0.220 Deg/lb-in
Dynamic Torque Reversing	8.5 lb-in
Dynamic Torque Non-Reversing	17 lb-in
Static Torque	34 lb-in
Forged Set Screw	M5
Seating Torque	4 Nm
Zero-Backlash?	Yes
Shaft Tolerance	+0.0000 in / -0.0005 in
Product Group	P-Series 4 Beam Couplings Set Screw
Country of Origin	USA
Temperature	-40°F to 225°F (-40°C to 107°C)
Maximum Speed	6000 RPM
Axial Motion	0.010 in



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

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PSR18-8-8-A
Ruland
1/2" X 1/2" Bores, 1.125" Od, 1.500" Length, Four Beam
Coupling, Aluminum Set Screw Style

UNIT

Inch

SHEET