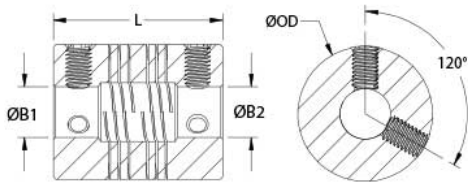




Brand	Ruland
Bore Tolerance	+0.001 in / -0.000 in (+0.025 mm / -0.000 mm)
Tariff Code	8483.60.8000
Conflict Minerals	Compliant
RoHS3	Compliant
REACH	Compliant
ISO 9001:2015	Certified
Screw Finish	Black Oxide
Number of Screws	4 ea
Screw Material	Alloy Steel
B2 Max Shaft Penetration	0.695 in (17.6 mm)
B1 Max Shaft Penetration	0.695 in (17.6 mm)
Keyway	No
Bore (B2)	12 mm
Bore (B1)	0.5000 in
Material	303 Stainless Steel
O.D. (D)	1.125 in (28.6 mm)
Hex Wrench Size	2.5 mm
UNSPC	31163003
Parallel Misalignment	0.015 in (0.38 mm)
Angular Misalignment	3.0 deg
Torsional Stiffness	0.111 Deg/lb-in (0.98 Deg/Nm)
Dynamic Torque Reversing	11.5 lb-in (1.30 Nm)
Dynamic Torque Non-Reversing	23 lb-in (2.60 Nm)
Static Torque	46 lb-in (5.20 Nm)
Forged Set Screw	M5
Seating Torque	4 Nm
Zero-Backlash?	Yes
Shaft Tolerance	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm
Product Group	P-Series 4 Beam Couplings Set Screw
Country of Origin	USA
Temperature	-40°F to 350°F (-40°C to 176°C)
Maximum Speed	6000 RPM
Axial Motion	0.010 in (0.25 mm)



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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PSR18-1/2"-12MM-SS
Ruland
1/2" X 12mm Bores, 1.125" Od, 1.500" Length, Four Beam
Coupling, Stainless Steel Set Screw Style

UNIT
Inch/Metric
SHEET