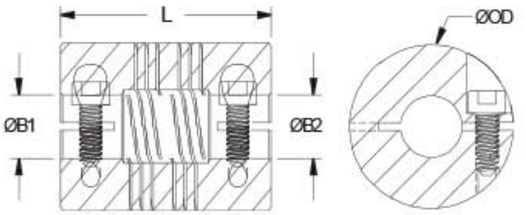


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|---|---|---|---|
| O.D. (D): | 1.250 in (31.8 mm) | Seating Torque: | 4.6 Nm |
| Brand: | Ruland | Screw Material: | Alloy Steel |
| Hex Wrench Size: | 3.0 mm | Number of Screws: | 2 ea |
| Temperature: | -40°F to 350°F (-40°C to 176°C) | Material: | 303 Stainless Steel |
| Country of Origin: | USA | Bore (B1): | 10 mm |
| Product Group: | P-Series 4 Beam Couplings Clamp | Bore (B2): | 0.3125 in |
| Shaft Tolerance: | +0.0000 in / -0.0005 in +0.000 mm / -0.013 mm | Keyway: | No |
| Zero-Backlash?: | Yes | B1 Max Shaft Penetration: | 0.695 in (17.6 mm) |
| Balanced Design: | Yes | B2 Max Shaft Penetration: | 0.695 in (17.6 mm) |
| Maximum Speed: | 6000 RPM | Bore Tolerance: | +0.001 in / -0.000 in (+0.025 mm / -0.000 mm) |
| UNSPC: | 31163003 | Screw Finish: | Black Oxide |
| Static Torque: | 81.0 lb-in (9.15 Nm) | ISO 9001:2015: | Certified |
| Dynamic Torque Non-Reversing: | 40.5 lb-in (4.58 Nm) | REACH: | Compliant |
| Dynamic Torque Reversing: | 20.25 lb-in (2.29 Nm) | RoHS3: | Compliant |
| Torsional Stiffness: | 0.044 Deg/lb-in (0.39 Deg/Nm) | Conflict Minerals: | Compliant |
| Angular Misalignment: | 3.0 deg | Tariff Code: | 8483.60.8000 |
| Parallel Misalignment: | 0.015 in (0.38 mm) | Axial Motion: | 0.010 in (0.25 mm) |
| Cap Screw: | M4 | | |

| | |
|---|---|
| COMPONENT | P-Series Four Beam Coupling |

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|---|---|---|---|---|
| | Pacific International Bearing, Inc.<br>33258 Central Ave, Union City, CA 94587<br>1-800-228-8895, 510-512-7000,<br>info@pibsales.com<br>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. | PCR20-10MM-5/16"-SS<br>**Ruland**<br>10mm X 5/16" Bores, 1.250" Od, 1.500" Length, Four Beam Coupling, Stainless Steel Set Screw Style | UNIT<br>Inch/Metric<br>SHEET |