





|                              |                                 |
|------------------------------|---------------------------------|
| Brand                        | Ruland                          |
| Screw Material               | Alloy Steel                     |
| Material                     | Aluminum                        |
| Bore (B1)                    | 6 mm                            |
| Bore (B2)                    | 3 mm                            |
| Keyway                       | No                              |
| B1 Max Shaft Penetration     | 10.7 mm                         |
| B2 Max Shaft Penetration     | 10.7 mm                         |
| Number of Screws             | 2 ea                            |
| O.D. (D)                     | 0.750 in (19.1 mm)              |
| Screw Finish                 | Black Oxide                     |
| ISO 9001:2015                | Certified                       |
| REACH                        | Compliant                       |
| RoHS3                        | Compliant                       |
| Conflict Minerals            | Compliant                       |
| Tariff Code                  | 8483.60.8000                    |
| Bore Tolerance               | +0.025 mm / -0.000 mm           |
| Seating Torque               | 1.21 Nm                         |
| UNSPC                        | 31163003                        |
| Cap Screw                    | M2.5                            |
| Temperature                  | -40°F to 225°F (-40°C to 107°C) |
| Country of Origin            | USA                             |
| Product Group                | P-Series 4 Beam Couplings Clamp |
| Shaft Tolerance              | +0.000 mm / -0.013 mm           |
| Zero-Backlash?               | Yes                             |
| Balanced Design              | Yes                             |
| Hex Wrench Size              | 2.0 mm                          |
| Maximum Speed                | 6000 RPM                        |
| Static Torque                | 1.58 Nm                         |
| Dynamic Torque Non-Reversing | 0.79 Nm                         |
| Dynamic Torque Reversing     | 0.40 Nm                         |
| Torsional Stiffness          | 2.90 Deg/Nm                     |
| Angular Misalignment         | 3.0 deg                         |
| Parallel Misalignment        | 0.20 mm                         |
| Axial Motion                 | 0.13 mm                         |



COMPONENT

P-Series Four Beam Coupling



Pacific International Bearing, Inc.  
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**PCMR19-6-3-A**  
**Ruland**  
6mm X 3mm Bores, 19.1mm Od, 22.9mm Length, Four Beam  
Coupling, Aluminum Clamp Style

UNIT

Metric

SHEET