





|                              |                                 |
|------------------------------|---------------------------------|
| Brand                        | Ruland                          |
| Screw Material               | Alloy Steel                     |
| Material                     | Aluminum                        |
| Bore (B1)                    | 0.1875 in                       |
| Bore (B2)                    | 0.1563 in                       |
| Keyway                       | No                              |
| B1 Max Shaft Penetration     | 0.422 in                        |
| B2 Max Shaft Penetration     | 0.422 in                        |
| 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               | +0.001 in / -0.000 in           |
| 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              | +0.0000 in / -0.0005 in         |
| Zero-Backlash?               | Yes                             |
| Balanced Design              | Yes                             |
| Hex Wrench Size              | 2.0 mm                          |
| Maximum Speed                | 6000 RPM                        |
| Static Torque                | 17 lb-in                        |
| Dynamic Torque Non-Reversing | 8.5 lb-in                       |
| Dynamic Torque Reversing     | 4.25 lb-in                      |
| Torsional Stiffness          | 0.260 Deg/lb-in                 |
| Angular Misalignment         | 3.0 deg                         |
| Parallel Misalignment        | 0.008 in                        |
| Axial Motion                 | 0.005 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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**PCR12-3-2.5-A**  
**Ruland**  
3/16" X 5/32" Bores, 0.750" Od, 0.900" Length, Four Beam  
Coupling, Aluminum Clamp Style

UNIT

Inch

SHEET