



|                               |                                 |                           |                       |
|-------------------------------|---------------------------------|---------------------------|-----------------------|
| O.D. (D):                     | 1.125 in (28.6 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 225°F (-40°C to 107°C) | Material:                 | Aluminum              |
| Country of Origin:            | USA                             | Bore (B1):                | 8 mm                  |
| Product Group:                | P-Series 4 Beam Couplings Clamp | Bore (B2):                | 8 mm                  |
| Shaft Tolerance:              | +0.000 mm / -0.013 mm           | Keyway:                   | No                    |
| Zero-Backlash?:               | Yes                             | B1 Max Shaft Penetration: | 17.6 mm               |
| Balanced Design:              | Yes                             | B2 Max Shaft Penetration: | 17.6 mm               |
| Maximum Speed:                | 6000 RPM                        | Bore Tolerance:           | +0.025 mm / -0.000 mm |
| UNSPC:                        | 31163003                        | Screw Finish:             | Black Oxide           |
| Static Torque:                | 4.97 Nm                         | ISO 9001:2015:            | Certified             |
| Dynamic Torque Non-Reversing: | 2.49 Nm                         | REACH:                    | Compliant             |
| Dynamic Torque Reversing:     | 1.24 Nm                         | RoHS3:                    | Compliant             |
| Torsional Stiffness:          | 0.94 Deg/Nm                     | Conflict Minerals:        | Compliant             |
| Angular Misalignment:         | 3.0 deg                         | Tariff Code:              | 8483.60.8000          |
| Parallel Misalignment:        | 0.38 mm                         | Axial Motion:             | 0.25 mm               |
| Cap Screw:                    | M4                              |                           |                       |

|           |                             |
|-----------|-----------------------------|
| 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

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.

**PCMR29-8-8-A**  
**Ruland**  
8mm X 8mm Bores, 28.6mm Od, 38.1mm  
Length, Four Beam Coupling, Aluminum  
Clamp Style

UNIT

Metric

SHEET