



|                               |                                 |                           |                       |
|-------------------------------|---------------------------------|---------------------------|-----------------------|
| 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 225°F (-40°C to 107°C) | Material:                 | Aluminum              |
| Country of Origin:            | USA                             | Bore (B1):                | 0.5000 in             |
| Product Group:                | P-Series 4 Beam Couplings Clamp | Bore (B2):                | 0.5000 in             |
| Shaft Tolerance:              | +0.0000 in / -0.0005 in         | Keyway:                   | No                    |
| Zero-Backlash?:               | Yes                             | B1 Max Shaft Penetration: | 0.695 in              |
| Balanced Design:              | Yes                             | B2 Max Shaft Penetration: | 0.695 in              |
| Maximum Speed:                | 6000 RPM                        | Bore Tolerance:           | +0.001 in / -0.000 in |
| UNSPC:                        | 31163003                        | Screw Finish:             | Black Oxide           |
| Static Torque:                | 52 lb-in                        | ISO 9001:2015:            | Certified             |
| Dynamic Torque Non-Reversing: | 26 lb-in                        | REACH:                    | Compliant             |
| Dynamic Torque Reversing:     | 13 lb-in                        | RoHS3:                    | Compliant             |
| Torsional Stiffness:          | 0.120 Deg/lb-in                 | Conflict Minerals:        | Compliant             |
| Angular Misalignment:         | 3.0 deg                         | Tariff Code:              | 8483.60.8000          |
| Parallel Misalignment:        | 0.015 in                        | Axial Motion:             | 0.010 in              |
| Cap Screw:                    | M4                              |                           |                       |

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



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**PCR20-8-8-A**  
**Ruland**  
**1/2" X 1/2" Bores, 1.250" Od, 1.500" Length,**  
**Four Beam Coupling, Aluminum Clamp**  
**Style**

UNIT

Inch

SHEET