



|                               |                                 |                           |                       |
|-------------------------------|---------------------------------|---------------------------|-----------------------|
| O.D. (D):                     | 0.875 in (22.2 mm)              | Seating Torque:           | 2.1 Nm                |
| Brand:                        | Ruland                          | Screw Material:           | Alloy Steel           |
| Hex Wrench Size:              | 2.5 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):                | 8 mm                  |
| Product Group:                | P-Series 4 Beam Couplings Clamp | Bore (B2):                | 7 mm                  |
| Shaft Tolerance:              | +0.000 mm / -0.013 mm           | Keyway:                   | No                    |
| Zero-Backlash?:               | Yes                             | B1 Max Shaft Penetration: | 12.7 mm               |
| Balanced Design:              | Yes                             | B2 Max Shaft Penetration: | 12.7 mm               |
| Maximum Speed:                | 6000 RPM                        | Bore Tolerance:           | +0.025 mm / -0.000 mm |
| UNSPC:                        | 31163003                        | Screw Finish:             | Black Oxide           |
| Static Torque:                | 2.49 Nm                         | ISO 9001:2015:            | Certified             |
| Dynamic Torque Non-Reversing: | 1.25 Nm                         | REACH:                    | Compliant             |
| Dynamic Torque Reversing:     | 0.62 Nm                         | RoHS3:                    | Compliant             |
| Torsional Stiffness:          | 1.19 Deg/Nm                     | Conflict Minerals:        | Compliant             |
| Angular Misalignment:         | 3.0 deg                         | Tariff Code:              | 8483.60.8000          |
| Parallel Misalignment:        | 0.20 mm                         | Axial Motion:             | 0.13 mm               |
| Cap Screw:                    | M3                              |                           |                       |

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



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**PCMR22-8-7-SS**  
**Ruland**  
8mm X 7mm Bores, 22.2mm Od, 27.0mm  
Length, Four Beam Coupling, Stainless  
Steel Clamp Style

UNIT

Metric

SHEET