



|                               |                                                  |                           |                                                  |
|-------------------------------|--------------------------------------------------|---------------------------|--------------------------------------------------|
| O.D. (D):                     | 0.750 in (19.1 mm)                               | Hex Wrench Size:          | 2.0 mm                                           |
| Brand:                        | Ruland                                           | Bore Tolerance:           | +0.001 in / -0.000 in<br>(+0.025 mm / -0.000 mm) |
| UNSPC:                        | 31163003                                         | Number of Screws:         | 2 ea                                             |
| Maximum Speed:                | 6000 RPM                                         | Tariff Code:              | 8483.60.8000                                     |
| Temperature:                  | -40°F to 350°F (-40°C to 176°C)                  | Conflict Minerals:        | Compliant                                        |
| Country of Origin:            | USA                                              | RoHS3:                    | Compliant                                        |
| Product Group:                | P-Series 4 Beam Couplings Set Screw              | REACH:                    | Compliant                                        |
| Shaft Tolerance:              | +0.0000 in / -0.0005 in<br>+0.000 mm / -0.013 mm | ISO 9001:2015:            | Certified                                        |
| Zero-Backlash?:               | Yes                                              | Screw Finish:             | Black Oxide                                      |
| Seating Torque:               | 1.76 Nm                                          | Screw Material:           | Alloy Steel                                      |
| Forged Set Screw:             | M4                                               | B2 Max Shaft Penetration: | 0.422 in (10.7 mm)                               |
| Static Torque:                | 19 lb-in (2.15 Nm)                               | B1 Max Shaft Penetration: | 0.422 in (10.7 mm)                               |
| Dynamic Torque Non-Reversing: | 9.5 lb-in (1.07 Nm)                              | Keyway:                   | No                                               |
| Dynamic Torque Reversing:     | 4.75 lb-in (0.54 Nm)                             | Bore (B2):                | 5 mm                                             |
| Torsional Stiffness:          | 0.179 Deg/lb-in (1.58 Deg/Nm)                    | Bore (B1):                | 0.2500 in                                        |
| Angular Misalignment:         | 3.0 deg                                          | Material:                 | 303 Stainless Steel                              |
| Parallel Misalignment:        | 0.008 in (0.20 mm)                               | Axial Motion:             | 0.005 in (0.13 mm)                               |

COMPONENT

P-Series Four Beam Coupling



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**PSR12-1/4"-5MM-SS**  
**Ruland**  
1/4" X 5mm Bores, 0.750" Od, 0.900"  
Length, Four Beam Coupling, Stainless  
Steel Set Screw Style

|             |
|-------------|
| UNIT        |
| Inch/Metric |
| SHEET       |