



|                               |                                     |                           |                       |
|-------------------------------|-------------------------------------|---------------------------|-----------------------|
| O.D. (D):                     | 1.125 in (28.6 mm)                  | Hex Wrench Size:          | 2.5 mm                |
| Brand:                        | Ruland                              | Bore Tolerance:           | +0.001 in / -0.000 in |
| UNSPC:                        | 31163003                            | Number of Screws:         | 4 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             | ISO 9001:2015:            | Certified             |
| Zero-Backlash?:               | Yes                                 | Screw Finish:             | Black Oxide           |
| Seating Torque:               | 4 Nm                                | Screw Material:           | Alloy Steel           |
| Forged Set Screw:             | M5                                  | B2 Max Shaft Penetration: | 0.695 in              |
| Static Torque:                | 60 lb-in                            | B1 Max Shaft Penetration: | 0.695 in              |
| Dynamic Torque Non-Reversing: | 30 lb-in                            | Keyway:                   | No                    |
| Dynamic Torque Reversing:     | 15 lb-in                            | Bore (B2):                | 0.3125 in             |
| Torsional Stiffness:          | 0.056 Deg/lb-in                     | Bore (B1):                | 0.3125 in             |
| Angular Misalignment:         | 3.0 deg                             | Material:                 | 303 Stainless Steel   |
| Parallel Misalignment:        | 0.015 in                            | Axial Motion:             | 0.010 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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**PSR18-5-5-SS**  
**Ruland**  
5/16" X 5/16" Bores, 1.125" Od, 1.500"  
Length, Four Beam Coupling, Stainless  
Steel Set Screw Style

|       |
|-------|
| UNIT  |
| Inch  |
| SHEET |