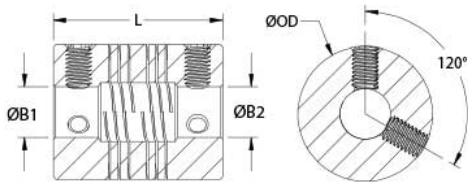


|                              |                                               |
|------------------------------|-----------------------------------------------|
| Brand                        | Ruland                                        |
| Bore Tolerance               | +0.001 in / -0.000 in (+0.025 mm / -0.000 mm) |
| Tariff Code                  | 8483.60.8000                                  |
| Conflict Minerals            | Compliant                                     |
| RoHS3                        | Compliant                                     |
| REACH                        | Compliant                                     |
| ISO 9001:2015                | Certified                                     |
| Screw Finish                 | Black Oxide                                   |
| Number of Screws             | 4 ea                                          |
| Screw Material               | Alloy Steel                                   |
| B2 Max Shaft Penetration     | 0.695 in (17.6 mm)                            |
| B1 Max Shaft Penetration     | 0.695 in (17.6 mm)                            |
| Keyway                       | No                                            |
| Bore (B2)                    | 0.2500 in                                     |
| Bore (B1)                    | 8 mm                                          |
| Material                     | Aluminum                                      |
| O.D. (D)                     | 1.125 in (28.6 mm)                            |
| Hex Wrench Size              | 2.5 mm                                        |
| UNSPC                        | 31163003                                      |
| Parallel Misalignment        | 0.015 in (0.38 mm)                            |
| Angular Misalignment         | 3.0 deg                                       |
| Torsional Stiffness          | 0.106 Deg/lb-in (0.94 Deg/Nm)                 |
| Dynamic Torque Reversing     | 11 lb-in (1.24 Nm)                            |
| Dynamic Torque Non-Reversing | 22 lb-in (2.49 Nm)                            |
| Static Torque                | 44.0 lb-in (4.97 Nm)                          |
| Forged Set Screw             | M5                                            |
| Seating Torque               | 4 Nm                                          |
| Zero-Backlash?               | Yes                                           |
| Shaft Tolerance              | +0.0000 in / -0.0005 in +0.000 mm / -0.013 mm |
| Product Group                | P-Series 4 Beam Couplings Set Screw           |
| Country of Origin            | USA                                           |
| Temperature                  | -40°F to 225°F (-40°C to 107°C)               |
| Maximum Speed                | 6000 RPM                                      |
| Axial Motion                 | 0.010 in (0.25 mm)                            |



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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**PSR18-8MM-1/4"-A**  
**Ruland**  
8mm X 1/4" Bores, 1.125" Od, 1.500" Length, Four Beam  
Coupling, Aluminum Set Screw Style

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