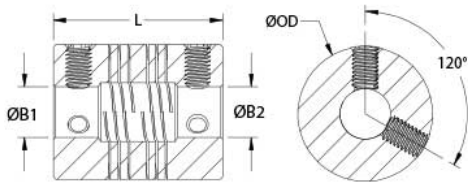






|                              |                                               |
|------------------------------|-----------------------------------------------|
| Brand                        | Ruland                                        |
| Bore Tolerance               | +0.001 in / -0.000 in (+0.025 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)                    | 8 mm                                          |
| Bore (B1)                    | 0.5000 in                                     |
| Material                     | 303 Stainless Steel                           |
| 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          | 0.111 Deg/lb-in (0.98 Deg/Nm)                 |
| Dynamic Torque Reversing     | 11.5 lb-in (1.30 Nm)                          |
| Dynamic Torque Non-Reversing | 23 lb-in (2.60 Nm)                            |
| Static Torque                | 46 lb-in (5.20 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 350°F (-40°C to 176°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

This file and any associated information and specifications are provided for reference and evaluation purposes only, and is subject to change without notice. PIB makes no representations, warranties or guarantees as to the appropriateness, accuracy, completeness, or suitability for any purpose, of the file, information or specifications. You are solely responsible for the use of the file, information or specifications.

**PSR18-1/2"-8MM-SS**  
**Ruland**  
1/2" X 8mm Bores, 1.125" Od, 1.500" Length, Four Beam  
Coupling, Stainless Steel Set Screw Style

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