



|                               |                                 |                           |                       |
|-------------------------------|---------------------------------|---------------------------|-----------------------|
| O.D. (D):                     | 0.750 in (19.1 mm)              | Number of Screws:         | 2 ea                  |
| Brand:                        | Ruland                          | Length (L):               | 1.250 in (31.8 mm)    |
| Forged Set Screw:             | M4                              | B2 Max Shaft Penetration: | 15.4 mm               |
| Maximum Speed:                | 6000 RPM                        | Material:                 | Aluminum              |
| Temperature:                  | -40°F to 225°F (-40°C to 107°C) | Bore (B1):                | 8 mm                  |
| Country of Origin:            | USA                             | Bore (B2):                | 7 mm                  |
| Product Group:                | F-Series Six Beam Coupling      | Keyway:                   | No                    |
| Shaft Tolerance:              | +0.000 mm / -0.013 mm           | B1 Max Shaft Penetration: | 15.4 mm               |
| Zero-Backlash?:               | Yes                             | Bore Tolerance:           | +0.025 mm / -0.000 mm |
| UNSPC:                        | 31163003                        | Tariff Code:              | 8483.60.8000          |
| Seating Torque:               | 1.76 Nm                         | Screw Material:           | Alloy Steel           |
| Static Torque:                | 2.26 Nm                         | Screw Finish:             | Black Oxide           |
| Dynamic Torque Non-Reversing: | 1.13 Nm                         | ISO 9001:2015:            | Certified             |
| Dynamic Torque Reversing:     | 0.57 Nm                         | REACH:                    | Compliant             |
| Torsional Stiffness:          | 2.04 Deg/Nm                     | RoHS3:                    | Compliant             |
| Angular Misalignment:         | 3.0 deg                         | Conflict Minerals:        | Compliant             |
| Parallel Misalignment:        | 0.20 mm                         | Axial Motion:             | 0.13 mm               |
| Hex Wrench Size:              | 2.0 mm                          |                           |                       |

COMPONENT

F-Series Six 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.

**FSMR19-8-7-A**  
**Ruland**  
8mm X 7mm Bores, 19.1mm Od 31.8mm  
Length, Six Beam Coupling, Aluminum Set  
Screw Style

UNIT

Metric

SHEET