



|                               |                                 |                           |                       |
|-------------------------------|---------------------------------|---------------------------|-----------------------|
| O.D. (D):                     | 1.000 in (25.4 mm)              | Number of Screws:         | 4 ea                  |
| Brand:                        | Ruland                          | Length (L):               | 1.500 in (38.1 mm)    |
| Forged Set Screw:             | M5                              | B2 Max Shaft Penetration: | 18.3 mm               |
| Maximum Speed:                | 6000 RPM                        | Material:                 | Aluminum              |
| Temperature:                  | -40°F to 225°F (-40°C to 107°C) | Bore (B1):                | 12 mm                 |
| Country of Origin:            | USA                             | Bore (B2):                | 6 mm                  |
| Product Group:                | F-Series Six Beam Coupling      | Keyway:                   | No                    |
| Shaft Tolerance:              | +0.000 mm / -0.013 mm           | B1 Max Shaft Penetration: | 18.3 mm               |
| Zero-Backlash?:               | Yes                             | Bore Tolerance:           | +0.025 mm / -0.000 mm |
| UNSPC:                        | 31163003                        | Tariff Code:              | 8483.60.8000          |
| Seating Torque:               | 4 Nm                            | Screw Material:           | Alloy Steel           |
| Static Torque:                | 2.82 Nm                         | Screw Finish:             | Black Oxide           |
| Dynamic Torque Non-Reversing: | 1.41 Nm                         | ISO 9001:2015:            | Certified             |
| Dynamic Torque Reversing:     | 0.71 Nm                         | REACH:                    | Compliant             |
| Torsional Stiffness:          | 1.57 Deg/Nm                     | RoHS3:                    | Compliant             |
| Angular Misalignment:         | 3.0 deg                         | Conflict Minerals:        | Compliant             |
| Parallel Misalignment:        | 0.38 mm                         | Axial Motion:             | 0.25 mm               |
| Hex Wrench Size:              | 2.5 mm                          |                           |                       |

COMPONENT

F-Series Six Beam Coupling



Pacific International Bearing, Inc.  
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**FSMR25-12-6-A**  
**Ruland**  
12mm X 6mm Bores, 25.4mm Od 38.1mm  
Length, Six Beam Coupling, Aluminum Set  
Screw Style

UNIT

Metric

SHEET