



|                               |                                 |                           |                       |
|-------------------------------|---------------------------------|---------------------------|-----------------------|
| O.D. (D):                     | 1.250 in (31.8 mm)              | Number of Screws:         | 4 ea                  |
| Brand:                        | Ruland                          | Length (L):               | 1.750 in (44.5 mm)    |
| Forged Set Screw:             | M6                              | B2 Max Shaft Penetration: | 21.4 mm               |
| Maximum Speed:                | 6000 RPM                        | Material:                 | 303 Stainless Steel   |
| Temperature:                  | -40°F to 350°F (-40°C to 176°C) | Bore (B1):                | 12 mm                 |
| Country of Origin:            | USA                             | Bore (B2):                | 12 mm                 |
| Product Group:                | F-Series Six Beam Coupling      | Keyway:                   | No                    |
| Shaft Tolerance:              | +0.000 mm / -0.013 mm           | B1 Max Shaft Penetration: | 21.4 mm               |
| Zero-Backlash?:               | Yes                             | Bore Tolerance:           | +0.025 mm / -0.000 mm |
| UNSPC:                        | 31163003                        | Tariff Code:              | 8483.60.8000          |
| Seating Torque:               | 7.2 Nm                          | Screw Material:           | Alloy Steel           |
| Static Torque:                | 14.60 Nm                        | Screw Finish:             | Black Oxide           |
| Dynamic Torque Non-Reversing: | 7.30 Nm                         | ISO 9001:2015:            | Certified             |
| Dynamic Torque Reversing:     | 3.65 Nm                         | REACH:                    | Compliant             |
| Torsional Stiffness:          | 0.20 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:              | 3.0 mm                          |                           |                       |

COMPONENT

F-Series Six Beam Coupling



Pacific International Bearing, Inc.  
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1-800-228-8895, 510-512-7000,  
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**FSMR32-12-12-SS**  
**Ruland**  
12mm X 12mm Bores, 31.8mm Od 44.5mm  
Length, Six Beam Coupling, Stainless  
Steel Set Screw Style

UNIT

Metric

SHEET