



|                               |                                 |                           |                       |
|-------------------------------|---------------------------------|---------------------------|-----------------------|
| 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: | 0.607 in              |
| Maximum Speed:                | 6000 RPM                        | Material:                 | Aluminum              |
| Temperature:                  | -40°F to 225°F (-40°C to 107°C) | Bore (B1):                | 0.3125 in             |
| Country of Origin:            | USA                             | Bore (B2):                | 0.1875 in             |
| Product Group:                | F-Series Six Beam Coupling      | Keyway:                   | No                    |
| Shaft Tolerance:              | +0.0000 in / -0.0005 in         | B1 Max Shaft Penetration: | 0.607 in              |
| Zero-Backlash?:               | Yes                             | Bore Tolerance:           | +0.001 in / -0.000 in |
| UNSPC:                        | 31163003                        | Tariff Code:              | 8483.60.8000          |
| Seating Torque:               | 1.76 Nm                         | Screw Material:           | Alloy Steel           |
| Static Torque:                | 20 lb-in                        | Screw Finish:             | Black Oxide           |
| Dynamic Torque Non-Reversing: | 10 lb-in                        | ISO 9001:2015:            | Certified             |
| Dynamic Torque Reversing:     | 5 lb-in                         | REACH:                    | Compliant             |
| Torsional Stiffness:          | 0.229 Deg/lb-in                 | RoHS3:                    | Compliant             |
| Angular Misalignment:         | 3.0 deg                         | Conflict Minerals:        | Compliant             |
| Parallel Misalignment:        | 0.008 in                        | Axial Motion:             | 0.005 in              |
| Hex Wrench Size:              | 2.0 mm                          |                           |                       |

|           |                            |
|-----------|----------------------------|
| COMPONENT | F-Series Six Beam Coupling |
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**FSR12-5-3-A**  
**Ruland**  
5/16"x3/16" Bores, 0.750" Od 1.250" Length,  
Six Beam Coupling, Aluminum Clamp  
Style

|       |
|-------|
| UNIT  |
| Inch  |
| SHEET |