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|-------------------------------|---------------------------------|---------------------------|--------------------------------------------------|
| O.D. (D):                     | 0.590 in (15.0 mm)              | Number of Screws:         | 4 ea                                             |
| Brand:                        | Ruland                          | Length (L):               | 0.787 in (20.0 mm)                               |
| Forged Set Screw:             | M3                              | B2 Max Shaft Penetration: | 0.378 in (9.6 mm)                                |
| Maximum Speed:                | 6000 RPM                        | Material:                 | Aluminum                                         |
| Temperature:                  | -40°F to 225°F (-40°C to 107°C) | Bore (B1):                | 0.1875 in                                        |
| Country of Origin:            | USA                             | Bore (B2):                | 0.1250 in                                        |
| Product Group:                | 4 Beam Couplings Set Screw      | Keyway:                   | No                                               |
| Shaft Tolerance:              | +0.0000 in / -0.0005 in         | B1 Max Shaft Penetration: | 0.378 in (9.6 mm)                                |
| Zero-Backlash?:               | Yes                             | Bore Tolerance:           | +0.001 in / -0.000 in<br>(+0.025 mm / -0.000 mm) |
| UNSPC:                        | 31163003                        | Tariff Code:              | 8483.60.8000                                     |
| Seating Torque:               | 0.92 Nm                         | Screw Material:           | Alloy Steel                                      |
| Static Torque:                | 0.81 Nm                         | Screw Finish:             | Black Oxide                                      |
| Dynamic Torque Non-Reversing: | 0.41 Nm                         | ISO 9001:2015:            | Certified                                        |
| Dynamic Torque Reversing:     | 0.20 Nm                         | REACH:                    | Compliant                                        |
| Torsional Stiffness:          | 5.21 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:              | 1.5 mm                          |                           |                                                  |

|           |                              |
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| COMPONENT | MW Series Four Beam Coupling |
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**MWS15-3/16"-1/8"-A**  
**Ruland**  
3/16" X 1/8" Bores, 0.590" (15.0mm) Od  
0.787" (20.0mm) Length, Four Beam  
Coupling, Aluminum Set Screw Style

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