



|                               |                             |                           |                                                  |
|-------------------------------|-----------------------------|---------------------------|--------------------------------------------------|
| O.D. (D):                     | 0.984 in (25.0 mm)          | Hex Wrench Size:          | 2.5 mm                                           |
| Brand:                        | Ruland                      | Length (L):               | 1.339 in (34.0 mm)                               |
| Dynamic Torque Non-Reversing: | 20.8 lb-in (2.35 Nm)        | Bore Tolerance:           | +0.001 in / -0.000 in<br>(+0.020 mm / -0.000 mm) |
| Finish Specification:         | SurTec 650                  | Material:                 | Aluminum                                         |
| Zero-Backlash?:               | Yes                         | Bore (B1):                | 10 mm                                            |
| Balanced Design:              | Yes                         | Bore (B2):                | 0.3125 in                                        |
| UNSPC:                        | 31163003                    | B1 Max Shaft Penetration: | 0.378 in (9.6 mm)                                |
| Clearance Diameter (C) MAX:   | 1.059 in (26.9 mm)          | B2 Max Shaft Penetration: | 0.378 in (9.6 mm)                                |
| Cap Screw:                    | M3                          | Screw Material:           | 18-8 300 Series Stainless Steel                  |
| Dynamic Torque Reversing:     | 13.7 lb-in (1.55 Nm)        | Seating Torque:           | 1.10 Nm                                          |
| Maximum Speed:                | 5000 RPM                    | Screw Finish:             | Bright                                           |
| Torsional Stiffness:          | 34.5 lb-in/Deg (3.9 Nm/Deg) | ISO 9001:2015:            | Certified                                        |
| Angular Misalignment:         | 3.0 deg                     | REACH:                    | Compliant                                        |
| Parallel Misalignment:        | 0.016 in (0.40 mm)          | RoHS3:                    | Compliant                                        |
| Axial Motion:                 | 0.028 in (0.70 mm)          | Conflict Minerals:        | Compliant                                        |
| Peak Torque:                  | 34.5 in-lb (3.90 Nm)        | Tariff Code:              | 8483.60.8000                                     |
| Moment of Inertia:            | 0.0105849 lb-in²            | Number of Screws:         | 2                                                |
| Country of Origin:            | Ireland                     | Material Specification:   | 7075-T651 Bar                                    |

|           |               |
|-----------|---------------|
| COMPONENT | Slit Coupling |
|-----------|---------------|



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**RLC16-10MM-5/16"-A**  
**Ruland**  
10mm X 0.313" Long Slit Coupling, 0.984"  
(25.0mm) Od, 1.339" (34.0mm) Length,  
Aluminum, Clamp Style

|             |
|-------------|
| UNIT        |
| Inch/Metric |
| SHEET       |