



|                               |                             |                           |                                                  |
|-------------------------------|-----------------------------|---------------------------|--------------------------------------------------|
| O.D. (D):                     | 0.984 in (25.0 mm)          | Seating Torque:           | 3.20 Nm                                          |
| Brand:                        | Ruland                      | Length (L):               | 1.339 in (34.0 mm)                               |
| Dynamic Torque Non-Reversing: | 27.4 lb-in (3.10 Nm)        | Bore Tolerance:           | +0.001 in / -0.000 in<br>(+0.020 mm / -0.000 mm) |
| Country of Origin:            | Ireland                     | Material:                 | Aluminum                                         |
| Finish Specification:         | SurTec 650                  | Bore (B1):                | 0.3750 in                                        |
| Zero-Backlash?:               | Yes                         | Bore (B2):                | 8 mm                                             |
| Forged Set Screw:             | M5                          | B1 Max Shaft Penetration: | 0.378 in (9.6 mm)                                |
| Balanced Design:              | Yes                         | B2 Max Shaft Penetration: | 0.378 in (9.6 mm)                                |
| UNSPC:                        | 31163003                    | Screw Material:           | 18-8 300 Series Stainless Steel                  |
| Dynamic Torque Reversing:     | 18.3 lb-in (2.05 Nm)        | Number of Screws:         | 4                                                |
| Hex Wrench Size:              | 2.5 mm                      | Screw Finish:             | Bright                                           |
| Torsional Stiffness:          | 33.6 lb-in/Deg (3.8 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:                  | 46.0 in-lb (5.20 Nm)        | Tariff Code:              | 8483.60.8000                                     |
| Moment of Inertia:            | 0.0107784 lb-in²            | Material Specification:   | 7075-T651 Bar                                    |
| Maximum Speed:                | 12000 RPM                   |                           |                                                  |

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



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**RLS16-3/8"-8MM-A**  
**Ruland**  
0.375" X 8mm Long Slit Coupling, 0.984"  
(25.0mm) Od, 1.339" (34.0mm) Length,  
Aluminum, Set Screw Style

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