



|                               |                            |                           |                                                  |
|-------------------------------|----------------------------|---------------------------|--------------------------------------------------|
| O.D. (D):                     | 0.512 in (13.0 mm)         | Hex Wrench Size:          | 1.5 mm                                           |
| Brand:                        | Ruland                     | Length (L):               | 0.787 in (20.0 mm)                               |
| Dynamic Torque Non-Reversing: | 4.9 lb-in (0.55 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):                | 5 mm                                             |
| Balanced Design:              | Yes                        | Bore (B2):                | 0.1875 in                                        |
| UNSPC:                        | 31163003                   | B1 Max Shaft Penetration: | 0.276 in (7.0 mm)                                |
| Clearance Diameter (C) MAX:   | 0.571 in (14.5 mm)         | B2 Max Shaft Penetration: | 0.276 in (7.0 mm)                                |
| Cap Screw:                    | M1.6                       | Screw Material:           | 18-8 300 Series Stainless Steel                  |
| Dynamic Torque Reversing:     | 3.1 lb-in (0.35 Nm)        | Seating Torque:           | 0.21 Nm                                          |
| Maximum Speed:                | 12000 RPM                  | Screw Finish:             | Bright                                           |
| Torsional Stiffness:          | 8.0 lb-in/Deg (0.9 Nm/Deg) | ISO 9001:2015:            | Certified                                        |
| Angular Misalignment:         | 2.5 deg                    | REACH:                    | Compliant                                        |
| Parallel Misalignment:        | 0.006 in (0.15 mm)         | RoHS3:                    | Compliant                                        |
| Axial Motion:                 | 0.012 in (0.30 mm)         | Conflict Minerals:        | Compliant                                        |
| Peak Torque:                  | 7.1 in-lb (0.80 Nm)        | Tariff Code:              | 8483.60.8000                                     |
| Moment of Inertia:            | 0.0004467 lb-in²           | Number of Screws:         | 2                                                |
| Country of Origin:            | Ireland                    | Material Specification:   | 7075-T651 Bar                                    |

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



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**RLC8-5MM-3/16"-A**  
**Ruland**  
5mm X 0.188" Long Slit Coupling, 0.512"  
(13.0mm) Od, 0.778" (20.0mm) Length,  
Aluminum, Clamp Style

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