



|                             |                  |                               |                                 |
|-----------------------------|------------------|-------------------------------|---------------------------------|
| O.D. (D):                   | 25 mm            | Dynamic Torque Non-Reversing: | 2.35 Nm                         |
| Brand:                      | Ruland           | Seating Torque:               | 1.10 Nm                         |
| Hex Wrench Size:            | 2.5 mm           | Screw Finish:                 | Bright                          |
| Zero-Backlash?:             | Yes              | Material:                     | Aluminum                        |
| Balanced Design:            | Yes              | Bore (B1):                    | 7 mm                            |
| UNSPC:                      | 31163003         | Bore (B2):                    | 7 mm                            |
| Clearance Diameter (C) MAX: | 26.9 mm          | B1 Max Shaft Penetration:     | 9.6 mm                          |
| Cap Screw:                  | M3               | B2 Max Shaft Penetration:     | 9.6 mm                          |
| Maximum Speed:              | 5000 RPM         | Screw Material:               | 18-8 300 Series Stainless Steel |
| Torsional Stiffness:        | 3.1 Nm/Deg       | Bore Tolerance:               | +0.020 mm / +0.000 mm           |
| Dynamic Torque Reversing:   | 1.55 Nm          | Length (L):                   | 25.8 mm                         |
| Angular Misalignment:       | 3.0 deg          | ISO 9001:2015:                | Certified                       |
| Parallel Misalignment:      | 0.40 mm          | REACH:                        | Compliant                       |
| Axial Motion:               | 0.70 mm          | RoHS3:                        | Compliant                       |
| Peak Torque:                | 3.90 Nm          | Conflict Minerals:            | Compliant                       |
| Moment of Inertia:          | 0.0077325 lb-in² | Tariff Code:                  | 8483.60.8000                    |
| Country of Origin:          | Ireland          | Number of Screws:             | 2                               |
| Finish Specification:       | SurTec 650       | Material Specification:       | 7075-T651 Bar                   |

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



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**MRSC25-7-7-A**  
**Ruland**  
7mm X 7mm Short Slit Coupling, 25.0mm  
Od, 25.8mm Length, Aluminum, Clamp  
Style

UNIT

Metric

SHEET