



|                             |                              |                               |                                 |
|-----------------------------|------------------------------|-------------------------------|---------------------------------|
| 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):                    | 12 mm                           |
| UNSPC:                      | 31163003                     | Bore (B2):                    | 8 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:          | 0.0075104 lb-in <sup>2</sup> | 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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**MRSC25-12-8-A**  
**Ruland**  
12mm X 8mm Short Slit Coupling, 25.0mm  
Od, 25.8mm Length, Aluminum, Clamp  
Style

|        |
|--------|
| UNIT   |
| Metric |
| SHEET  |