



|                               |                  |                           |                                 |
|-------------------------------|------------------|---------------------------|---------------------------------|
| O.D. (D):                     | 25 mm            | Seating Torque:           | 3.20 Nm                         |
| Brand:                        | Ruland           | Screw Material:           | 18-8 300 Series Stainless Steel |
| Hex Wrench Size:              | 2.5 mm           | Number of Screws:         | 4                               |
| Country of Origin:            | Ireland          | Material:                 | Aluminum                        |
| Finish Specification:         | SurTec 650       | Bore (B1):                | 12 mm                           |
| Zero-Backlash?:               | Yes              | Bore (B2):                | 10 mm                           |
| Forged Set Screw:             | M5               | B1 Max Shaft Penetration: | 9.6 mm                          |
| Balanced Design:              | Yes              | B2 Max Shaft Penetration: | 9.6 mm                          |
| UNSPC:                        | 31163003         | Length (L):               | 34.0 mm                         |
| Maximum Speed:                | 12000 RPM        | Bore Tolerance:           | +0.020 mm / +0.000 mm           |
| Dynamic Torque Non-Reversing: | 3.10 Nm          | Screw Finish:             | Bright                          |
| Torsional Stiffness:          | 3.8 Nm/Deg       | ISO 9001:2015:            | Certified                       |
| Angular Misalignment:         | 3.0 deg          | REACH:                    | Compliant                       |
| Parallel Misalignment:        | 0.40 mm          | RoHS3:                    | Compliant                       |
| Axial Motion:                 | 0.70 mm          | Conflict Minerals:        | Compliant                       |
| Peak Torque:                  | 5.20 Nm          | Tariff Code:              | 8483.60.8000                    |
| Moment of Inertia:            | 0.0104854 lb-in² | Material Specification:   | 7075-T651 Bar                   |
| Dynamic Torque Reversing:     | 2.05 Nm          |                           |                                 |

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



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**MRLS25-12-10-A**  
**Ruland**  
12mm X 10mm Long Slit Coupling, 25.0mm  
Od, 34.0mm Length, Aluminum, Set Screw  
Style

UNIT

Metric

SHEET