



|                               |                  |                           |                                 |
|-------------------------------|------------------|---------------------------|---------------------------------|
| O.D. (D):                     | 20 mm            | Seating Torque:           | 1.76 Nm                         |
| Brand:                        | Ruland           | Screw Material:           | 18-8 300 Series Stainless Steel |
| Hex Wrench Size:              | 2.0 mm           | Number of Screws:         | 4                               |
| Country of Origin:            | Ireland          | Material:                 | Aluminum                        |
| Finish Specification:         | SurTec 650       | Bore (B1):                | 10 mm                           |
| Zero-Backlash?:               | Yes              | Bore (B2):                | 10 mm                           |
| Forged Set Screw:             | M4               | B1 Max Shaft Penetration: | 8.6 mm                          |
| Balanced Design:              | Yes              | B2 Max Shaft Penetration: | 8.6 mm                          |
| UNSPC:                        | 31163003         | Length (L):               | 21.5 mm                         |
| Maximum Speed:                | 20000 RPM        | Bore Tolerance:           | +0.020 mm / +0.000 mm           |
| Dynamic Torque Non-Reversing: | 1.95 Nm          | Screw Finish:             | Bright                          |
| Torsional Stiffness:          | 1.9 Nm/Deg       | ISO 9001:2015:            | Certified                       |
| Angular Misalignment:         | 3.0 deg          | REACH:                    | Compliant                       |
| Parallel Misalignment:        | 0.12 mm          | RoHS3:                    | Compliant                       |
| Axial Motion:                 | 0.50 mm          | Conflict Minerals:        | Compliant                       |
| Peak Torque:                  | 3.25 Nm          | Tariff Code:              | 8483.60.8000                    |
| Moment of Inertia:            | 0.0026114 lb-in² | Material Specification:   | 7075-T651 Bar                   |
| Dynamic Torque Reversing:     | 1.30 Nm          |                           |                                 |

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



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**MRSS20-10-10-A**  
**Ruland**  
10mm X 10mm Short Slit Coupling,  
20.0mm Od, 21.5mm Length, Aluminum,  
Set Screw Style

UNIT

Metric

SHEET