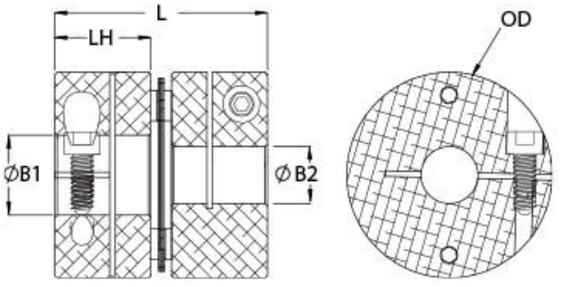


| | | | |
|---|---|---|---|
| O.D. (D): | 2.000 in (50.8 mm) | Seating Torque: | 9.5 Nm |
| Brand: | Ruland | Tariff Code: | 8483.60.8000 |
| Note: | Stainless steel hubs are available upon request. | Length (L): | 1.813 in (46.1 mm) |
| UNSPC: | 31163008 | B1 Max Shaft Penetration: | 22.2 mm |
| Hex Wrench Size: | 4.0 mm | Material: | Aluminum |
| Maximum Speed: | 10000 RPM | Bore (B1): | 25 mm |
| Temperature: | -40°F to 200°F (-40°C to 93°C) | Bore (B2): | 24 mm |
| Country of Origin: | USA | Keyway: | No |
| Shaft Tolerance: | +0.000 mm / -0.013 mm | B2 Max Shaft Penetration: | 22.2 mm |
| Balanced Design: | Yes | Conflict Minerals: | Compliant |
| Static Torque: | 39.6 Nm | Bore Tolerance: | +0.03 mm / -0.00 mm |
| Number of Screws: | 2 ea | Screw Material: | Alloy Steel |
| Dynamic Torque Non-Reversing: | 19.80 Nm | Screw Finish: | Black Oxide |
| Dynamic Torque Reversing: | 9.90 Nm | Forged Clamp Screw: | M5 |
| Torsional Stiffness: | 98.0 Nm/Deg | ISO 9001:2015: | Certified |
| Angular Misalignment: | 1.0 deg | REACH: | Compliant |
| Parallel Misalignment: | 0.00 mm | RoHS3: | Compliant |
| Axial Motion: | 0.32 mm | Recommended Hex Key: | Metric Hex Keys |

| COMPONENT | Disc Coupling - Single |
|---|---|

Pacific International Bearing, Inc.
33258 Central Ave, Union City, CA 94587
1-800-228-8895, 510-512-7000,
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# MDCS51-25-24-A

**Ruland**

25mm X 24mm Bores, 50.8mm Od, 46.1mm Length, Clamp Single Disc Coupling, Accommodates Angular Misalignment And Axial Motion, Anodized Aluminum Hubs, Stainless Steel Disc Springs

UNIT

Metric

SHEET