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| O.D. (D): | 3.125 in (79.4 mm) | Hex Wrench Size: | 6.0 mm |
| Brand: | Ruland | Static Torque: | 129.93 Nm |
| Note: | Stainless steel hubs are available upon request. | Conflict Minerals: | Compliant |
| Tariff Code: | 8483.60.8000 | B2 Max Shaft Penetration: | 35.56 mm |
| Maximum Speed: | 10000 RPM | Material: | Aluminum |
| Temperature: | -40°F to 200°F (-40°C to 93°C) | Bore (B1): | 45 mm |
| Country of Origin: | USA | Bore (B2): | 45 mm |
| Shaft Tolerance: | +0.000 mm / -0.013 mm | Keyway: | Yes |
| Balanced Design: | Yes | Keyway (K1): | 14 mm |
| UNSPC: | 31163008 | B1 Max Shaft Penetration: | 35.56 mm |
| Number of Screws: | 2 ea | Keyway (K2): | 14 mm |
| Dynamic Torque Reversing: | 32.49 Nm | Length (L): | 3.938 in (100.0 mm) |
| Dynamic Torque Non-Reversing: | 64.97 Nm | Bore Tolerance: | +0.03 mm / -0.00 mm |
| Torsional Stiffness: | 282.5 Nm/Deg | Screw Material: | Alloy Steel |
| Angular Misalignment: | 2.0 deg | Screw Finish: | Black Oxide |
| Parallel Misalignment: | 0.30 mm | Forged Clamp Screw: | M8 |
| Axial Motion: | 0.76 mm | ISO 9001:2015: | Certified |
| Recommended Hex Key: | Metric Hex Keys | REACH: | Compliant |
| B1 Min Shaft Penetration: | 22.2 mm | RoHS3: | Compliant |
| Seating Torque: | 39 Nm | B2 Min Shaft Penetration: | 22.2 mm |

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| COMPONENT | Disc Coupling - Double |
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Pacific International Bearing, Inc.
33258 Central Ave, Union City, CA 94587
1-800-228-8895, 510-512-7000,
info@pibsales.com
www.pibsales.com

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MDCDK80-45-45-A

Ruland

**45mm X 45mm Bores, 79.4mm Od, And
100.0mm Length, 14mm X 14mm Keyways,
Clamp Double Disc Coupling, Anodized
Aluminum Hubs, Stainless Steel Disc
Springs, And A Center Spacer**

UNIT

Metric

SHEET