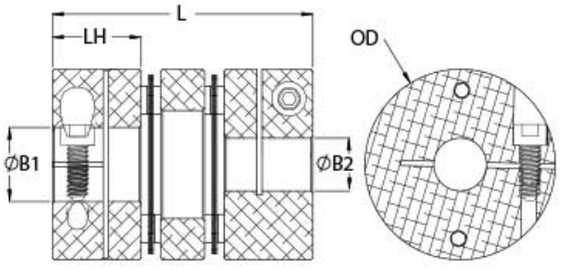


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|---|---|---|---|
| O.D. (D): | 3.125 in (79.4 mm) | Hex Wrench Size: | 6.0 mm |
| Brand: | Ruland | Number of Screws: | 2 ea |
| Note: | Stainless steel hubs are available upon request. | Length (L): | 3.938 in (100.0 mm) |
| Static Torque: | 1150 lb-in (129.93 Nm) | B2 Max Shaft Penetration: | 1.400 in (35.56 mm) |
| Maximum Speed: | 10000 RPM | Material: | Aluminum |
| Temperature: | -40°F to 200°F (-40°C to 93°C) | Bore (B1): | 1.7500 in |
| Country of Origin: | USA | Bore (B2): | 28 mm |
| Shaft Tolerance: | +0.0000 in / -0.0005 in +0.000 mm / -0.013 mm | Keyway: | No |
| Balanced Design: | Yes | B1 Max Shaft Penetration: | 1.400 in (35.56 mm) |
| UNSPC: | 31163008 | Bore Tolerance: | +0.001 in / -0.000 in (+0.03 mm / -0.00 mm) |
| Dynamic Torque Non-Reversing: | 575 lb-in (64.97 Nm) | Tariff Code: | 8483.60.8000 |
| Seating Torque: | 39 Nm | Screw Material: | Alloy Steel |
| Dynamic Torque Reversing: | 287.5 lb-in (32.49 Nm) | Screw Finish: | Black Oxide |
| Torsional Stiffness: | 2500 lb-in/Deg (282.5 Nm/Deg) | Forged Clamp Screw: | M8 |
| Angular Misalignment: | 2.0 deg | ISO 9001:2015: | Certified |
| Parallel Misalignment: | 0.012 in (0.30 mm) | REACH: | Compliant |
| Axial Motion: | 0.030 in (0.76 mm) | RoHS3: | Compliant |
| Recommended Hex Key: | Metric Hex Keys | Conflict Minerals: | Compliant |
| B1 Min Shaft Penetration: | 0.875 in (22.2 mm) | B2 Min Shaft Penetration: | 0.875 in (22.2 mm) |

| | |
|---|---|
| COMPONENT | Disc Coupling - Double |

| | | | | |
|---|---|---|---|---|
| | Pacific International Bearing, Inc.<br>33258 Central Ave, Union City, CA 94587<br>1-800-228-8895, 510-512-7000,<br>info@pibsales.com<br>www.pibsales.com | This file and any associated information and specifications are provided for reference and evaluation purposes only, and is subject to change without notice. PIB makes no representations, warranties or guarantees as to the appropriateness, accuracy, completeness, or suitability for any purpose, of the file, information or specifications. You are solely responsible for the use of the file, information or specifications. | DCD50-13/4"-28MM-A<br>**Ruland**<br>1.7500" X X 28mm Bores, 3.125" (79.4mm) Od, And 3.938" (100.0mm) Length, Clamp Double Disc Coupling, Accommodates All Types Of Misalignment, Anodized Aluminum Hubs, Stainless Steel Disc Springs, And A Center Spacer | UNIT<br>Inch/Metric<br>SHEET |