



|                               |                                                  |                           |                                                |
|-------------------------------|--------------------------------------------------|---------------------------|------------------------------------------------|
| 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: | 0.874 in (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):                | 0.5000 in                                      |
| Country of Origin:            | USA                                              | Keyway:                   | No                                             |
| Shaft Tolerance:              | +0.0000 in / -0.0005 in<br>+0.000 mm / -0.013 mm | B2 Max Shaft Penetration: | 0.874 in (22.2 mm)                             |
| Balanced Design:              | Yes                                              | Conflict Minerals:        | Compliant                                      |
| Static Torque:                | 350 lb-in (39.6 Nm)                              | Bore Tolerance:           | +0.001 in / -0.000 in<br>(+0.03 mm / -0.00 mm) |
| Number of Screws:             | 2 ea                                             | Screw Material:           | Alloy Steel                                    |
| Dynamic Torque Non-Reversing: | 175 lb-in (19.80 Nm)                             | Screw Finish:             | Black Oxide                                    |
| Dynamic Torque Reversing:     | 87.5 lb-in (9.90 Nm)                             | Forged Clamp Screw:       | M5                                             |
| Torsional Stiffness:          | 867 lb-in/Deg (98.0 Nm/Deg)                      | ISO 9001:2015:            | Certified                                      |
| Angular Misalignment:         | 1.0 deg                                          | REACH:                    | Compliant                                      |
| Parallel Misalignment:        | 0.000 in (0.00 mm)                               | RoHS3:                    | Compliant                                      |
| Axial Motion:                 | 0.012 in (0.30 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,  
info@pibsales.com  
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**DCS32-25MM-1/2"-A**  
**Ruland**  
25mm X 0.5000" Bores, 2.000" (50.8mm)  
Od, And 1.813" (46.1mm) Length, Clamp  
Single Disc Coupling, Accommodates  
Angular Misalignment And Axial Motion,  
Anodized Aluminum Hubs, Stainless Steel  
Disc Springs

|             |
|-------------|
| UNIT        |
| Inch/Metric |
| SHEET       |