



|                               |                                                  |                           |                                                |
|-------------------------------|--------------------------------------------------|---------------------------|------------------------------------------------|
| O.D. (D):                     | 1.313 in (33.3 mm)                               | Seating Torque:           | 2.1 Nm                                         |
| Brand:                        | Ruland                                           | Tariff Code:              | 8483.60.8000                                   |
| Note:                         | Stainless steel hubs are available upon request. | Length (L):               | 1.313 in (33.3 mm)                             |
| UNSPC:                        | 31163008                                         | B1 Max Shaft Penetration: | 0.842 in (21.4 mm)                             |
| Hex Wrench Size:              | 2.5 mm                                           | Material:                 | Aluminum                                       |
| Maximum Speed:                | 10000 RPM                                        | Bore (B1):                | 0.5000 in                                      |
| Temperature:                  | -40°F to 200°F (-40°C to 93°C)                   | Bore (B2):                | 8 mm                                           |
| 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: | 0.842 in (21.4 mm)                             |
| Balanced Design:              | Yes                                              | Conflict Minerals:        | Compliant                                      |
| Static Torque:                | 100 lb-in (11.3 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: | 50 lb-in (5.65 Nm)                               | Screw Finish:             | Black Oxide                                    |
| Dynamic Torque Reversing:     | 25 lb-in (2.83 Nm)                               | Forged Clamp Screw:       | M3                                             |
| Torsional Stiffness:          | 313 lb-in/Deg (35.4 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:                 | 0.008 in (0.20 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  
www.pibsales.com

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**DCS21-1/2"-8MM-A**  
**Ruland**  
0.5000" X 8mm Bores, 1.313" (33.3mm) Od,  
And 1.313" (33.3mm) Length, Clamp Single  
Disc Coupling, Accommodates Angular  
Misalignment And Axial Motion, Anodized  
Aluminum Hubs, Stainless Steel Disc  
Springs

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