



|                               |                                                  |                           |                                                |
|-------------------------------|--------------------------------------------------|---------------------------|------------------------------------------------|
| O.D. (D):                     | 1.000 in (25.4 mm)                               | Number of Screws:         | 2 ea                                           |
| Brand:                        | Ruland                                           | Conflict Minerals:        | Compliant                                      |
| Note:                         | Stainless steel hubs are available upon request. | Length (L):               | 1.374 in (34.9 mm)                             |
| Balanced Design:              | Yes                                              | Keyway (K2):              | NK                                             |
| Seating Torque:               | 2.1 Nm                                           | Material:                 | Aluminum                                       |
| Hex Wrench Size:              | 2.5 mm                                           | Bore (B1):                | 10 mm                                          |
| Maximum Speed:                | 10000 RPM                                        | Bore (B2):                | 0.3125 in                                      |
| Temperature:                  | -40°F to 200°F (-40°C to 93°C)                   | Keyway:                   | Yes                                            |
| Country of Origin:            | USA                                              | Keyway (K1):              | 3 mm                                           |
| Shaft Tolerance:              | +0.0000 in / -0.0005 in<br>+0.000 mm / -0.013 mm | B1 Max Shaft Penetration: | 0.654 in (6.6 mm)                              |
| UNSPC:                        | 31163008                                         | RoHS3:                    | Compliant                                      |
| Tariff Code:                  | 8483.60.8000                                     | B2 Max Shaft Penetration: | 0.654 in (16.6 mm)                             |
| Static Torque:                | 50 lb-in (5.6 Nm)                                | Bore Tolerance:           | +0.001 in / -0.000 in<br>(+0.03 mm / -0.00 mm) |
| Dynamic Torque Non-Reversing: | 25 lb-in (2.80 Nm)                               | Screw Material:           | Alloy Steel                                    |
| Dynamic Torque Reversing:     | 12.5 lb-in (1.40 Nm)                             | Screw Finish:             | Black Oxide                                    |
| Torsional Stiffness:          | 61 lb-in/Deg (6.9 Nm/Deg)                        | Forged Clamp Screw:       | M3                                             |
| Angular Misalignment:         | 2.0 deg                                          | ISO 9001:2015:            | Certified                                      |
| Parallel Misalignment:        | 0.006 in (0.15 mm)                               | REACH:                    | Compliant                                      |
| Axial Motion:                 | 0.012 in (0.30 mm)                               | Recommended Hex Key:      | Metric Hex Keys                                |

COMPONENT

Disc Coupling - Double



Pacific International Bearing, Inc.  
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**DCDK16-10MM-5/16"-A**  
**Ruland**  
10mm X 0.3125" Bores, 1.000" (25.4mm)  
Od, And 1.374" (34.9mm) Length, 3mm  
Keyway On The 10mm Bore And No  
Keyway On The 5/16" Bore, Clamp Double  
Disc Coupling, Anodized Aluminum Hubs,  
Stainless Steel Disc Springs, And A  
Center Spacer

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