



|                               |                                                  |                           |                       |
|-------------------------------|--------------------------------------------------|---------------------------|-----------------------|
| 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):               | 1.031 in (26.2 mm)    |
| Balanced Design:              | Yes                                              | Keyway (K2):              | NK                    |
| Seating Torque:               | 2.1 Nm                                           | Material:                 | Aluminum              |
| Hex Wrench Size:              | 2.5 mm                                           | Bore (B1):                | 0.5000 in             |
| Maximum Speed:                | 10000 RPM                                        | Bore (B2):                | 0.2500 in             |
| Temperature:                  | -40°F to 200°F (-40°C to 93°C)                   | Keyway:                   | Yes                   |
| Country of Origin:            | USA                                              | Keyway (K1):              | 1/8 in                |
| Shaft Tolerance:              | +0.0000 in / -0.0005 in                          | B1 Max Shaft Penetration: | 0.467 in              |
| UNSPC:                        | 31163008                                         | RoHS3:                    | Compliant             |
| Tariff Code:                  | 8483.60.8000                                     | B2 Max Shaft Penetration: | 0.499 in              |
| Static Torque:                | 50 lb-in                                         | Bore Tolerance:           | +0.001 in / -0.000 in |
| Dynamic Torque Non-Reversing: | 25 lb-in                                         | Screw Material:           | Alloy Steel           |
| Dynamic Torque Reversing:     | 12.5 lb-in                                       | Screw Finish:             | Black Oxide           |
| Torsional Stiffness:          | 94 lb-in/Deg                                     | Forged Clamp Screw:       | M3                    |
| Angular Misalignment:         | 1.0 deg                                          | ISO 9001:2015:            | Certified             |
| Parallel Misalignment:        | 0.00 in                                          | REACH:                    | Compliant             |
| Axial Motion:                 | 0.006 in                                         | 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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**DCSK16-8-4-A**  
**Ruland**  
0.5000" X 0.2500" Bores, 1.000" Od, And  
1.031" Length, 1/8" Keyway On The 1/2"  
Bore And No Keyway On The 1/4" Bore,  
Clamp Single Disc Coupling, Anodized  
Aluminum Hubs, Stainless Steel Disc  
Springs

UNIT

Inch

SHEET