



|                               |                                                  |                           |                       |
|-------------------------------|--------------------------------------------------|---------------------------|-----------------------|
| 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                                       | B2 Max Shaft Penetration: | 1.843 in              |
| Maximum Speed:                | 10000 RPM                                        | Material:                 | Aluminum              |
| Temperature:                  | -40°F to 200°F (-40°C to 93°C)                   | Bore (B1):                | 1.0000 in             |
| Country of Origin:            | USA                                              | Bore (B2):                | 1.0000 in             |
| Shaft Tolerance:              | +0.0000 in / -0.0005 in                          | Keyway:                   | No                    |
| Balanced Design:              | Yes                                              | B1 Max Shaft Penetration: | 1.843 in              |
| UNSPC:                        | 31163008                                         | Bore Tolerance:           | +0.001 in / -0.000 in |
| Dynamic Torque Non-Reversing: | 575 lb-in                                        | Tariff Code:              | 8483.60.8000          |
| Seating Torque:               | 39 Nm                                            | Screw Material:           | Alloy Steel           |
| Dynamic Torque Reversing:     | 287.5 lb-in                                      | Screw Finish:             | Black Oxide           |
| Torsional Stiffness:          | 2500 lb-in/Deg                                   | Forged Clamp Screw:       | M8                    |
| Angular Misalignment:         | 2.0 deg                                          | ISO 9001:2015:            | Certified             |
| Parallel Misalignment:        | 0.012 in                                         | REACH:                    | Compliant             |
| Axial Motion:                 | 0.030 in                                         | RoHS3:                    | Compliant             |
| Recommended Hex Key:          | Metric Hex Keys                                  | Conflict Minerals:        | Compliant             |
| B1 Min Shaft Penetration:     | 0.875 in                                         | B2 Min Shaft Penetration: | 0.875 in              |

COMPONENT

Disc Coupling - Double



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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**DCD50-16-16-A**  
**Ruland**  
1.0000" X X1.0000" Bores, 3.125" Od, And  
3.938" Length, Clamp Double Disc  
Coupling, Accommodates All Types Of  
Misalignment, Anodized Aluminum Hubs,  
Stainless Steel Disc Springs, And A  
Center Spacer

|       |
|-------|
| UNIT  |
| Inch  |
| SHEET |