



|                               |                                                  |                           |                                                |
|-------------------------------|--------------------------------------------------|---------------------------|------------------------------------------------|
| O.D. (D):                     | 0.750 in (19.1 mm)                               | Hex Wrench Size:          | 2.0 mm                                         |
| Brand:                        | Ruland                                           | Number of Screws:         | 2 ea                                           |
| Note:                         | Stainless steel hubs are available upon request. | Length (L):               | 1.189 in (30.2 mm)                             |
| Static Torque:                | 25 lb-in (2.8 Nm)                                | B2 Max Shaft Penetration: | 0.573 in (14.6 mm)                             |
| Maximum Speed:                | 10000 RPM                                        | Material:                 | Aluminum                                       |
| Temperature:                  | -40°F to 200°F (-40°C to 93°C)                   | Bore (B1):                | 7 mm                                           |
| Country of Origin:            | USA                                              | Bore (B2):                | 0.2500 in                                      |
| Shaft Tolerance:              | +0.0000 in / -0.0005 in<br>+0.000 mm / -0.013 mm | Keyway:                   | No                                             |
| Balanced Design:              | Yes                                              | B1 Max Shaft Penetration: | 0.573 in (14.6 mm)                             |
| UNSPC:                        | 31163008                                         | Bore Tolerance:           | +0.001 in / -0.000 in<br>(+0.03 mm / -0.00 mm) |
| Dynamic Torque Non-Reversing: | 12.5 lb-in (1.40 Nm)                             | Tariff Code:              | 8483.60.8000                                   |
| Seating Torque:               | 1.21 Nm                                          | Screw Material:           | Alloy Steel                                    |
| Dynamic Torque Reversing:     | 6.25 lb-in (0.70 Nm)                             | Screw Finish:             | Black Oxide                                    |
| Torsional Stiffness:          | 51 lb-in/Deg (5.8 Nm/Deg)                        | Forged Clamp Screw:       | M2.5                                           |
| Angular Misalignment:         | 2.0 deg                                          | ISO 9001:2015:            | Certified                                      |
| Parallel Misalignment:        | 0.004 in (0.10 mm)                               | REACH:                    | Compliant                                      |
| Axial Motion:                 | 0.008 in (0.20 mm)                               | RoHS3:                    | Compliant                                      |
| Recommended Hex Key:          | Metric Hex Keys                                  | Conflict Minerals:        | Compliant                                      |
| B1 Min Shaft Penetration:     | 0.270 in (6.9 mm)                                | B2 Min Shaft Penetration: | 0.270 in (6.9 mm)                              |

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  
www.pibsales.com

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**DCD12-7MM-1/4"-A**  
**Ruland**  
7mm X 0.2500" Bores, 0.750" (19.1mm) Od,  
And 1.189" (30.2mm) Length, Clamp  
Double Disc Coupling, Accommodates All  
Types Of Misalignment, Anodized  
Aluminum Hubs, Stainless Steel Disc  
Springs, And A Center Spacer

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