



|                               |  |                           |  |
|-------------------------------|--|---------------------------|--|
| O.D. (D):                     | 2.750 in (69.9 mm)                               | Hex Wrench Size:          | 6.0 mm   |
| Brand:                        | Ruland   | Number of Screws:         | 2 ea   |
| Note:                         | Stainless steel hubs are available upon request. | Length (L):               | 3.531 in (89.7 mm)                             |
| Static Torque:                | 850 lb-in (96.0 Nm)                              | B2 Max Shaft Penetration: | 1.650 in (41.9 mm)                             |
| Maximum Speed:                | 10000 RPM  | Material:                 | Aluminum                                       |
| Temperature:                  | -40°F to 200°F (-40°C to 93°C)                   | Bore (B1):                | 1.2500 in                                      |
| Country of Origin:            | USA  | Bore (B2):                | 30 mm  |
| Shaft Tolerance:              | +0.0000 in / -0.0005 in<br>+0.000 mm / -0.013 mm | Keyway:                   | No   |
| Balanced Design:              | Yes  | B1 Max Shaft Penetration: | 1.650 in (41.9 mm)                             |
| UNSPC:                        | 31163008   | Bore Tolerance:           | +0.001 in / -0.000 in<br>(+0.03 mm / -0.00 mm) |
| Dynamic Torque Non-Reversing: | 425 in-lbs (48.01 Nm)                            | Tariff Code:              | 8483.60.8000                                   |
| Seating Torque:               | 39 Nm  | Screw Material:           | Alloy Steel                                    |
| Dynamic Torque Reversing:     | 212.5 lb-in (24.00 Nm)                           | Screw Finish:             | Black Oxide                                    |
| Torsional Stiffness:          | 1600 lb-in/Deg (180.8 Nm/Deg)                    | Forged Clamp Screw:       | M8   |
| Angular Misalignment:         | 2.0 deg  | ISO 9001:2015:            | Certified                                      |
| Parallel Misalignment:        | 0.012 in (0.30 mm)                               | REACH:                    | Compliant                                      |
| Axial Motion:                 | 0.030 in (0.76 mm)                               | RoHS3:                    | Compliant                                      |
| Recommended Hex Key:          | Metric Hex Keys                                  | Conflict Minerals:        | Compliant                                      |
| B1 Min Shaft Penetration:     | 0.750 in (19.1 mm)                               | B2 Min Shaft Penetration: | 0.750 in (19.1 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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**DCD44-1 1/4"-30MM-A**  
**Ruland**  
1.2500" X X 30mm Bores, 2.750" (69.9mm)  
Od, And 3.531" (89.7 Mm) 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       |