



|                               |                                                  |                           |                     |
|-------------------------------|--------------------------------------------------|---------------------------|---------------------|
| O.D. (D):                     | 2.000 in (50.8 mm)                               | Number of Screws:         | 2 ea                |
| Brand:                        | Ruland                                           | Conflict Minerals:        | Compliant           |
| Note:                         | Stainless steel hubs are available upon request. | Length (L):               | 2.519 in (64.0 mm)  |
| Balanced Design:              | Yes                                              | Keyway (K2):              | 4 mm                |
| Seating Torque:               | 9.5 Nm                                           | Material:                 | Aluminum            |
| Hex Wrench Size:              | 4.0 mm                                           | Bore (B1):                | 25 mm               |
| Maximum Speed:                | 10000 RPM                                        | Bore (B2):                | 12 mm               |
| Temperature:                  | -40°F to 200°F (-40°C to 93°C)                   | Keyway:                   | Yes                 |
| Country of Origin:            | USA                                              | Keyway (K1):              | 8 mm                |
| Shaft Tolerance:              | +0.000 mm / -0.013 mm                            | B1 Max Shaft Penetration: | 30.3 mm             |
| UNSPC:                        | 31163008                                         | RoHS3:                    | Compliant           |
| Tariff Code:                  | 8483.60.8000                                     | B2 Max Shaft Penetration: | 30.3 mm             |
| Static Torque:                | 39.6 Nm                                          | Bore Tolerance:           | +0.03 mm / -0.00 mm |
| Dynamic Torque Non-Reversing: | 19.80 Nm                                         | Screw Material:           | Alloy Steel         |
| Dynamic Torque Reversing:     | 9.90 Nm                                          | Screw Finish:             | Black Oxide         |
| Torsional Stiffness:          | 67.2 Nm/Deg                                      | Forged Clamp Screw:       | M5                  |
| Angular Misalignment:         | 2.0 deg                                          | ISO 9001:2015:            | Certified           |
| Parallel Misalignment:        | 0.30 mm                                          | REACH:                    | Compliant           |
| Axial Motion:                 | 0.64 mm                                          | Recommended Hex Key:      | Metric Hex Keys     |

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

This file and any associated information and specifications are provided for reference and evaluation purposes only, and is subject to change without notice. PIB makes no representations, warranties or guarantees as to the appropriateness, accuracy, completeness, or suitability for any purpose, of the file, information or specifications. You are solely responsible for the use of the file, information or specifications.

**MDCDK51-25-12-A**  
**Ruland**  
25mm X 12mm Bores, 50.8mm Od, 64.0mm  
Length, 8mm X 4mm Keyways, Clamp  
Double Disc Coupling, Anodized  
Aluminum Hubs, Stainless Steel Disc  
Springs, And A Center Spacer

|        |
|--------|
| UNIT   |
| Metric |
| SHEET  |