



|                               |                                                  |                           |                     |
|-------------------------------|--------------------------------------------------|---------------------------|---------------------|
| O.D. (D):                     | 1.000 in (25.4 mm)                               | Seating Torque:           | 2.1 Nm              |
| Brand:                        | Ruland                                           | Tariff Code:              | 8483.60.8000        |
| Note:                         | Stainless steel hubs are available upon request. | Length (L):               | 1.031 in (26.2 mm)  |
| UNSPC:                        | 31163008                                         | B1 Max Shaft Penetration: | 12.7 mm             |
| Hex Wrench Size:              | 2.5 mm                                           | Material:                 | Aluminum            |
| Maximum Speed:                | 10000 RPM                                        | Bore (B1):                | 10 mm               |
| Temperature:                  | -40°F to 200°F (-40°C to 93°C)                   | Bore (B2):                | 7 mm                |
| Country of Origin:            | USA                                              | Keyway:                   | No                  |
| Shaft Tolerance:              | +0.000 mm / -0.013 mm                            | B2 Max Shaft Penetration: | 12.7 mm             |
| Balanced Design:              | Yes                                              | Conflict Minerals:        | Compliant           |
| Static Torque:                | 5.6 Nm                                           | Bore Tolerance:           | +0.03 mm / -0.00 mm |
| Number of Screws:             | 2 ea                                             | Screw Material:           | Alloy Steel         |
| Dynamic Torque Non-Reversing: | 2.80 Nm                                          | Screw Finish:             | Black Oxide         |
| Dynamic Torque Reversing:     | 1.40 Nm                                          | Forged Clamp Screw:       | M3                  |
| Torsional Stiffness:          | 10.6 Nm/Deg                                      | ISO 9001:2015:            | Certified           |
| Angular Misalignment:         | 1.0 deg                                          | REACH:                    | Compliant           |
| Parallel Misalignment:        | 0.00 mm                                          | RoHS3:                    | Compliant           |
| Axial Motion:                 | 0.15 mm                                          | Recommended Hex Key:      | Metric Hex Keys     |

COMPONENT

Disc Coupling - Single

|                                                                                   |                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                         |               |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
|  | <p><b>Pacific International Bearing, Inc.</b><br/>33258 Central Ave, Union City, CA 94587<br/>1-800-228-8895, 510-512-7000,<br/>info@pibsales.com<br/>www.pibsales.com</p> | <p>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.</p> | <b>MDCS25-10-7-A</b>                                                                                                                                                                    | <b>UNIT</b>   |
|                                                                                   |                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Ruland</b>                                                                                                                                                                           | <b>Metric</b> |
|                                                                                   |                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>10mm X 7mm Bores, 25.4mm Od, 26.2mm Length, Clamp Single Disc Coupling, Accommodates Angular Misalignment And Axial Motion, Anodized Aluminum Hubs, Stainless Steel Disc Springs</b> | <b>SHEET</b>  |