



|                               |                                                  |                           |                     |
|-------------------------------|--------------------------------------------------|---------------------------|---------------------|
| O.D. (D):                     | 1.625 in (41.3 mm)                               | Seating Torque:           | 4.6 Nm              |
| Brand:                        | Ruland                                           | Balanced Design:          | Yes                 |
| Note:                         | Stainless steel hubs are available upon request. | B1 Max Shaft Penetration: | 19.2 mm             |
| Static Torque:                | 20.3 Nm                                          | Keyway (K2):              | 5 mm                |
| Hex Wrench Size:              | 3.0 mm                                           | Material:                 | Aluminum            |
| Maximum Speed:                | 10000 RPM                                        | Bore (B1):                | 16 mm               |
| Temperature:                  | -40°F to 200°F (-40°C to 93°C)                   | Bore (B2):                | 13 mm               |
| Country of Origin:            | USA                                              | Keyway:                   | Yes                 |
| Shaft Tolerance:              | +0.000 mm / -0.013 mm                            | Keyway (K1):              | 5 mm                |
| UNSPC:                        | 31163008                                         | RoHS3:                    | Compliant           |
| Conflict Minerals:            | Compliant                                        | B2 Max Shaft Penetration: | 19.2 mm             |
| Tariff Code:                  | 8483.60.8000                                     | Length (L):               | 1.563 in (39.7 mm)  |
| Dynamic Torque Non-Reversing: | 10.15 Nm                                         | Bore Tolerance:           | +0.03 mm / -0.00 mm |
| Dynamic Torque Reversing:     | 5.08 Nm                                          | Screw Material:           | Alloy Steel         |
| Torsional Stiffness:          | 70.6 Nm/Deg                                      | Screw Finish:             | Black Oxide         |
| Angular Misalignment:         | 1.0 deg                                          | Forged Clamp Screw:       | M4                  |
| Parallel Misalignment:        | 0.00 mm                                          | ISO 9001:2015:            | Certified           |
| Axial Motion:                 | 0.25 mm                                          | REACH:                    | Compliant           |
| Number of Screws:             | 2 ea                                             | Recommended Hex Key:      | Metric Hex Keys     |

COMPONENT

Disc Coupling - Single



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.

**MDCSK41-16-13-A**  
**Ruland**  
16mm X 13mm Bores, 41.3mm Od, 39.7mm  
Length, 5mm X 5mm Keyways, Clamp  
Single Disc Coupling, Anodized Aluminum  
Hubs, Stainless Steel Disc Springs

UNIT

Metric

SHEET