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|-------------------------------|--------------------------------------------------|---------------------------|---------------------|
| O.D. (D):                     | 1.313 in (33.3 mm)                               | Seating Torque:           | 2.1 Nm              |
| Brand:                        | Ruland                                           | Tariff Code:              | 8483.60.8000        |
| Note:                         | Stainless steel hubs are available upon request. | Length (L):               | 1.313 in (33.3 mm)  |
| UNSPC:                        | 31163008                                         | B1 Max Shaft Penetration: | 15.0 mm             |
| Hex Wrench Size:              | 2.5 mm                                           | Material:                 | Aluminum            |
| Maximum Speed:                | 10000 RPM                                        | Bore (B1):                | 16 mm               |
| Temperature:                  | -40°F to 200°F (-40°C to 93°C)                   | Bore (B2):                | 12 mm               |
| Country of Origin:            | USA                                              | Keyway:                   | No                  |
| Shaft Tolerance:              | +0.000 mm / -0.013 mm                            | B2 Max Shaft Penetration: | 16.1 mm             |
| Balanced Design:              | Yes                                              | Conflict Minerals:        | Compliant           |
| Static Torque:                | 11.3 Nm                                          | Bore Tolerance:           | +0.03 mm / -0.00 mm |
| Number of Screws:             | 2 ea                                             | Screw Material:           | Alloy Steel         |
| Dynamic Torque Non-Reversing: | 5.65 Nm                                          | Screw Finish:             | Black Oxide         |
| Dynamic Torque Reversing:     | 2.83 Nm                                          | Forged Clamp Screw:       | M3                  |
| Torsional Stiffness:          | 35.4 Nm/Deg                                      | ISO 9001:2015:            | Certified           |
| Angular Misalignment:         | 1.0 deg                                          | REACH:                    | Compliant           |
| Parallel Misalignment:        | 0.00 mm                                          | RoHS3:                    | Compliant           |
| Axial Motion:                 | 0.20 mm                                          | 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

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**MDCS33-16-12-A**  
**Ruland**  
16mm X 12mm Bores, 33.3mm Od, 33.3mm  
Length, Clamp Single Disc Coupling,  
Accommodates Angular Misalignment  
And Axial Motion, Anodized Aluminum  
Hubs, Stainless Steel Disc Springs

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