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|-------------------------------|--------------------------------------------------|---------------------------|------------------------------------------------|
| O.D. (D):                     | 1.313 in (33.3 mm)                               | Static Torque:            | 120 lb-in (13.6 Nm)                            |
| Brand:                        | Ruland                                           | Screw Material:           | Alloy Steel                                    |
| Dynamic Torque Reversing:     | 30 lb-in (3.40 Nm)                               | Bore Tolerance:           | +0.001 in / -0.000 in<br>(+0.03 mm / -0.00 mm) |
| Shaft Tolerance:              | +0.0000 in / -0.0005 in<br>+0.000 mm / -0.013 mm | Material:                 | Aluminum                                       |
| Zero-Backlash?:               | Yes                                              | Bore (B1):                | 12 mm                                          |
| Balanced Design:              | Yes                                              | Bore (B2):                | 0.3125 in                                      |
| UNSPC:                        | 31163018                                         | Keyway:                   | No                                             |
| Cap Screw:                    | M3                                               | B1 Max Shaft Penetration: | 0.935 in (23.7 mm)                             |
| Dynamic Torque Non-Reversing: | 60 lb-in (6.80 Nm)                               | B2 Max Shaft Penetration: | 0.935 in (23.7 mm)                             |
| Hex Wrench Size:              | 2.5 mm                                           | Seating Torque:           | 2.1 Nm                                         |
| Maximum Speed:                | 10000 RPM                                        | Screw Finish:             | Black Oxide                                    |
| Torsional Stiffness:          | 300 lb-in/Deg (33.9 Nm/Deg)                      | Length (L):               | 1.962 in (49.8 mm)                             |
| Angular Misalignment:         | 3.0 deg                                          | ISO 9001:2015:            | Certified                                      |
| Parallel Misalignment:        | 0.012 in (0.30 mm)                               | REACH:                    | Compliant                                      |
| Axial Motion:                 | 0.032 in (0.81 mm)                               | RoHS3:                    | Compliant                                      |
| Bellows Attachment Method:    | Epoxy                                            | Conflict Minerals:        | Compliant                                      |
| Length Tolerance:             | +/- 0.030 in (0.76 mm)                           | Tariff Code:              | 8483.60.8000                                   |
| Temperature:                  | -40°F to 200°F (-40°C to 93°C)                   | Number of Screws:         | 2 ea                                           |
| Product Group:                | Bellows Coupling - Extended Length               | Recommended Hex Key:      | Metric Hex Keys                                |

|           |                                    |
|-----------|------------------------------------|
| COMPONENT | Bellows Coupling - Extended Length |
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**BCL21-12MM-5/16"-A**  
**Ruland**  
12mm X 5/16" Bores, 1.313" (33.3mm) Od.,  
1.962" (49.8mm) Length, Bellows  
Coupling, Increased Misalignment,  
Aluminum

|             |
|-------------|
| UNIT        |
| Inch/Metric |
| SHEET       |