





|                              |                                               |
|------------------------------|-----------------------------------------------|
| Brand                        | Ruland                                        |
| Length (L)                   | 1.700 in (43.2 mm)                            |
| Bore (B1)                    | 16 mm                                         |
| Bore (B2)                    | 0.3125 in                                     |
| Keyway                       | Yes                                           |
| Keyway (K1)                  | 5 mm                                          |
| Keyway (K2)                  | NK                                            |
| B2 Max Shaft Penetration     | 0.804 in (20.4 mm)                            |
| B1 Max Shaft Penetration     | 0.804 in (20.4 mm)                            |
| Screw Material               | Alloy Steel                                   |
| Bore Tolerance               | +0.001 in / -0.000 in (+0.03 mm / -0.00 mm)   |
| Screw Finish                 | Black Oxide                                   |
| ISO 9001:2015                | Certified                                     |
| REACH                        | Compliant                                     |
| RoHS3                        | Compliant                                     |
| Conflict Minerals            | Compliant                                     |
| Tariff Code                  | 8483.60.8000                                  |
| O.D. (D)                     | 1.313 in (33.3 mm)                            |
| Material                     | Aluminum                                      |
| Number of Screws             | 2 ea                                          |
| Seating Torque               | 2.1 Nm                                        |
| Dynamic Torque Reversing     | 30 lb-in (3.40 Nm)                            |
| Product Group                | Bellows Coupling Standard Length              |
| Shaft Tolerance              | +0.0000 in / -0.0005 in +0.000 mm / -0.013 mm |
| Zero-Backlash?               | Yes                                           |
| Balanced Design              | Yes                                           |
| UNSPC                        | 31163018                                      |
| Cap Screw                    | M3                                            |
| Hex Wrench Size              | 2.5 mm                                        |
| Dynamic Torque Non-Reversing | 60 lb-in (6.80 Nm)                            |
| Static Torque                | 120 lb-in (13.6 Nm)                           |
| Torsional Stiffness          | 400 lb-in/Deg (45 Nm/Deg)                     |
| Angular Misalignment         | 1.5 deg                                       |
| Parallel Misalignment        | 0.006 in (0.15 mm)                            |
| Axial Motion                 | 0.016 in (0.40 mm)                            |
| Bellows Attachment Method    | Epoxy                                         |
| Length Tolerance             | +/- 0.030 in (0.76 mm)                        |
| Maximum Speed                | 10000 RPM                                     |
| Temperature                  | -40°F to 200°F (-40°C to 93°C)                |
| Recommended Hex Key          | Metric Hex Keys                               |



COMPONENT

Bellows Coupling Standard Length



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**BCK21-16MM-5/16"-A**  
**Ruland**  
16mm X 5/16" Bores, 1.313" (33.3mm), Od, 1.700" (43.2mm) Length,  
Bellows Coupling With Keyways, High Stiffness, Aluminum

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