





|                              |                                  |
|------------------------------|----------------------------------|
| Brand                        | Ruland                           |
| Number of Screws             | 2 ea                             |
| Material                     | Aluminum                         |
| Bore (B1)                    | 1.1250 in                        |
| Bore (B2)                    | 0.5000 in                        |
| Keyway                       | Yes                              |
| Keyway (K1)                  | 1/4 in                           |
| Keyway (K2)                  | 1/8 in                           |
| B2 Max Shaft Penetration     | 1.496 in                         |
| Bore Tolerance               | +0.004 in / +0.001 in            |
| B1 Max Shaft Penetration     | 1.496 in                         |
| Screw Material               | Alloy Steel                      |
| Screw Finish                 | Black Oxide                      |
| ISO 9001:2015                | Certified                        |
| REACH                        | Compliant                        |
| RoHS3                        | Compliant                        |
| Conflict Minerals            | Compliant                        |
| Tariff Code                  | 8483.60.8000                     |
| O.D. (D)                     | 2.250 in (57.2 mm)               |
| Length (L)                   | 3.235 in (82.2 mm)               |
| Static Torque                | 530 lb-in                        |
| Dynamic Torque Non-Reversing | 265 lb-in                        |
| Temperature                  | -40°F to 200°F (-40°C to 93°C)   |
| Product Group                | Bellows Coupling Standard Length |
| Shaft Tolerance              | +0.0000 in / -0.0005 in          |
| Zero-Backlash?               | Yes                              |
| Balanced Design              | Yes                              |
| UNSPC                        | 31163018                         |
| Cap Screw                    | M6                               |
| Hex Wrench Size              | 5.0 mm                           |
| Seating Torque               | 16 Nm                            |
| Dynamic Torque Reversing     | 132 lb-in                        |
| Torsional Stiffness          | 1200 lb-in/Deg                   |
| Angular Misalignment         | 2.0 deg                          |
| Parallel Misalignment        | 0.012 in                         |
| Axial Motion                 | 0.030 in                         |
| Bellows Attachment Method    | Epoxy                            |
| Length Tolerance             | +/- 0.030 in                     |
| Maximum Speed                | 10000 RPM                        |
| Recommended Hex Key          | Metric Hex Keys                  |



COMPONENT

Bellows Coupling Standard Length



Pacific International Bearing, Inc.  
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**BCK36-18-8-A**  
**Ruland**  
1 1/8" X 1/2" Bores, 2.250" Od, 3.235" Length, Bellows Coupling With  
Keyways, High Stiffness, Aluminum

|       |
|-------|
| UNIT  |
| Inch  |
| SHEET |