





|                              |                                  |
|------------------------------|----------------------------------|
| Brand                        | Ruland                           |
| Screw Material               | Alloy Steel                      |
| Material                     | Aluminum                         |
| Bore (B1)                    | 0.6250 in                        |
| Bore (B2)                    | 0.5000 in                        |
| Keyway                       | No                               |
| B1 Max Shaft Penetration     | 1.099 in                         |
| B2 Max Shaft Penetration     | 1.099 in                         |
| Seating Torque               | 9.5 Nm                           |
| Bore Tolerance               | +0.001 in / -0.000 in            |
| Screw Finish                 | Black Oxide                      |
| ISO 9001:2015                | Certified                        |
| REACH                        | Compliant                        |
| RoHS3                        | Compliant                        |
| Conflict Minerals            | Compliant                        |
| Tariff Code                  | 8483.60.8000                     |
| Number of Screws             | 2 ea                             |
| O.D. (D)                     | 2.000 in (50.8 mm)               |
| Length (L)                   | 2.413 in (61.3 mm)               |
| Static Torque                | 400 lb-in                        |
| Maximum Speed                | 10000 RPM                        |
| Product Group                | Bellows Coupling Standard Length |
| Shaft Tolerance              | +0.0000 in / -0.0005 in          |
| Zero-Backlash?               | Yes                              |
| Balanced Design              | Yes                              |
| UNSPC                        | 31163018                         |
| Cap Screw                    | M5                               |
| Dynamic Torque Non-Reversing | 200 lb-in                        |
| Dynamic Torque Reversing     | 100 lb-in                        |
| Hex Wrench Size              | 4.0 mm                           |
| Torsional Stiffness          | 950 lb-in/Deg                    |
| Angular Misalignment         | 2.0 deg                          |
| Parallel Misalignment        | 0.010 in                         |
| Axial Motion                 | 0.020 in                         |
| Bellows Attachment Method    | Epoxy                            |
| Length Tolerance             | +/- 0.030 in                     |
| Temperature                  | -40°F to 200°F (-40°C to 93°C)   |
| Recommended Hex Key          | Metric Hex Keys                  |



COMPONENT

Bellows Coupling Standard Length



Pacific International Bearing, Inc.  
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**BC32-10-8-A**  
**Ruland**  
5/8" X 1/2" Bores, 2.000" Od, 2.413" Length, Bellows Coupling, High  
Stiffness, Aluminum

UNIT

Inch

SHEET