



BEARHUG - BML SERIES - LEFT-HANDED

Prevailing Torque Self-Locking

Benefits & Characteristics:

- Self-locking
- Left hand thread prevents clockwise rotating assemblies from loosening
- Easier and faster to install than traditional locknut and lockwasher
- Prevents assembly from loosening due to vibration, shock and torque
- Balanced for higher speed applications
- Eliminates the need for cutting or repairing shaft keyway
- Infinite adjustment and preloading capability
- Meets and exceeds specifications of ISO 2982-2:2013(E)
- Manufactured in USA and RoHS compliant

Applications:

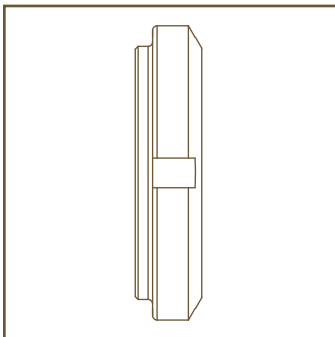
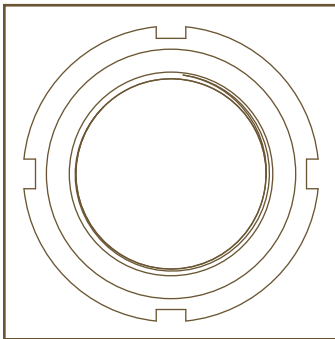
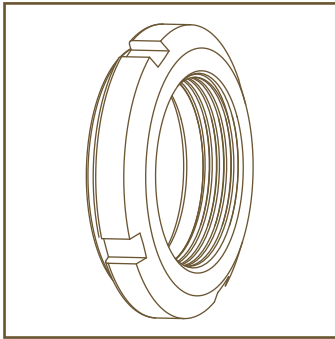
- Clockwise rotating applications
- High precision applications
- Balanced assembly applications
- Compressors
- Gear box assemblies
- Pumps

Max Operating Temperature: 160 Deg F

Materials:

Locknut - Carbon Steel
 Locking Ring - Heat Stabilized Polymer

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| Part Number | Thread | Max. Outside Diameter (mm) | Max. Face Diameter (mm) | Max. Width (mm) | Theoretical Axial Max. (kN) |
|-------------|------------|----------------------------|-------------------------|-----------------|-----------------------------|
| BML-00 | M10 X 0.75 | 18.0 | 13.5 | 7.0 | 11 |
| BML-01 | M12 X 1.0 | 22.0 | 17.0 | 8.0 | 17 |
| BML-02 | M15 X 1.0 | 25.0 | 21.0 | 8.5 | 21 |
| BML-03 | M17 X 1.0 | 28.0 | 24.0 | 9.0 | 27 |
| BML-04 | M20 X 1.0 | 32.0 | 26.0 | 10.0 | 36 |
| BML-044 | M22 X 1.0 | 34.0 | 28.0 | 10.5 | 41 |
| BML-05 | M25 X 1.5 | 38.0 | 32.0 | 11.0 | 43 |
| BML-056 | M28 X 1.5 | 42.0 | 36.0 | 11.0 | 47 |
| BML-06 | M30 X 1.5 | 45.0 | 38.0 | 11.5 | 54 |
| BML-064 | M32 X 1.5 | 48.0 | 40.0 | 11.5 | 58 |
| BML-07 | M35 X 1.5 | 52.0 | 44.0 | 12.0 | 67 |
| BML-08 | M40 X 1.5 | 58.0 | 50.0 | 12.0 | 73 |
| BML-09 | M45 X 1.5 | 65.0 | 56.0 | 13.0 | 93 |
| BML-10 | M50 X 1.5 | 70.0 | 61.0 | 13.0 | 97 |
| BML-11 | M55 X 2.0 | 75.0 | 67.0 | 15.0 | 106 |
| BML-12 | M60 X 2.0 | 80.0 | 73.0 | 15.0 | 109 |
| BML-13 | M65 X 2.0 | 85.0 | 79.0 | 15.0 | 113 |
| BML-14 | M70 X 2.0 | 92.0 | 85.0 | 17.0 | 137 |
| BML-15 | M75 X 2.0 | 98.0 | 90.0 | 17.0 | 145 |
| BML-16 | M80 X 2.0 | 105.0 | 95.0 | 17.0 | 172 |
| BML-17 | M85 X 2.0 | 110.0 | 102.0 | 18.0 | 190 |
| BML-18 | M90 X 2.0 | 120.0 | 108.0 | 19.0 | 226 |
| BML-19 | M95 X 2.0 | 125.0 | 113.0 | 20.0 | 229 |
| BML-20 | M100 X 2.0 | 130.0 | 120.0 | 21.0 | 251 |
| BML-21 | M105 X 2.0 | 140.0 | 126.0 | 21.0 | 283 |
| BML-22 | M110 X 2.0 | 150.0 | 137.0 | 22.0 | 310 |
| BML-24 | M120 X 2.0 | 155.0 | 138.0 | 23.0 | 341 |

Thread to Face Runout Specifications Available on Page X16

For installation instructions, warranty information, thread specifications and disclaimer information please visit us at www.whittet-higgins.com

Downloadable 3D & 2D CAD models available at www.whittet-higgins.com