



PRODUCT DATA SHEET

USA/CA: brightonBEST.com Europe: brightonBEST.org AU: brightonBEST.com.au NZ: brightonBEST.co.nz Brazil: brightonBEST.com.br

L9 Hex Collar Lock Nuts

1.0 Dimensions: L9 is equivalent to grade 9. IFI does not cover grade 9. L9 is made to BBI's proprietary design.



| Nominal Size or Basic Product Diameter | C | | E | | D | | F |
|--|--------------------|--------|----------------------|-------|-------------------|-------|------------|
| | Width Across Flats | | Width Across Corners | | Overall Thickness | | Hex Height |
| | Max | Min | Max | Min | Max | Min | Min |
| 1/4 | 0.4375 | 0.4280 | 0.505 | 0.488 | 0.301 | 0.281 | 0.150 |
| 5/16 | 0.5000 | 0.4890 | 0.577 | 0.557 | 0.336 | 0.316 | 0.175 |
| 3/8 | 0.5625 | 0.5510 | 0.650 | 0.628 | 0.400 | 0.380 | 0.205 |
| 7/16 | 0.6875 | 0.6750 | 0.794 | 0.768 | 0.449 | 0.429 | 0.255 |
| 1/2 | 0.7500 | 0.7360 | 0.866 | 0.840 | 0.516 | 0.496 | 0.285 |
| 9/16 | 0.8750 | 0.8610 | 1.010 | 0.982 | 0.580 | 0.560 | 0.335 |
| 5/8 | 0.9375 | 0.9220 | 1.083 | 1.051 | 0.660 | 0.640 | 0.375 |
| 3/4 | 1.1250 | 1.0880 | 1.299 | 1.240 | 0.767 | 0.747 | 0.440 |
| 7/8 | 1.3125 | 1.2690 | 1.516 | 1.477 | 0.887 | 0.867 | 0.540 |
| 1 | 1.5000 | 1.4500 | 1.732 | 1.653 | 1.023 | 1.003 | 0.690 |
| 1-1/8 | 1.6875 | 1.6310 | 1.949 | 1.859 | 1.181 | 1.161 | 0.815 |
| 1-1/4 | 1.8750 | 1.8120 | 2.165 | 2.066 | 1.277 | 1.257 | 0.830 |
| 1-1/2 | 2.2500 | 2.1750 | 2.598 | 2.480 | 1.531 | 1.511 | 1.010 |

Notes: Thread Class of Fit: 2B



BRIGHTON-BEST INTERNATIONAL



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2.0 Mechanical Properties:

Hardness: 28 to 34 HRC for sizes 1/4 to 5/8 and 35 to 40 HRC for 3/4 and larger.

Proof Load Strength: 180,000 PSI

Grade Marking: 9 circumferential line marks recessed and centered on top of the collar.

3.0 Surface Finish:

Cadmium plated yellow with wax. Minimum coating thickness 5 microns or 0.0002".

Hexavalent (Cr+6). 96 hours for red rust.