

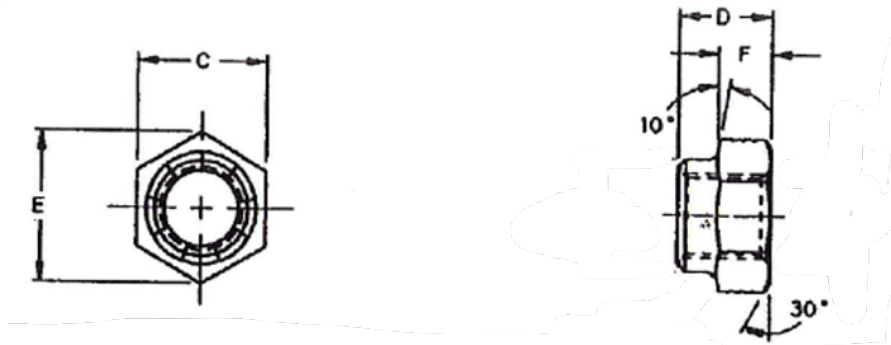


## P R O D U C T   D A T A   S H E E T

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### 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<br>Size or<br>Basic<br>Product<br>Diameter | C                     |        | E                       |       | D                 |       | F          |
|----------------------------------------------------|-----------------------|--------|-------------------------|-------|-------------------|-------|------------|
|                                                    | Width Across<br>Flats |        | Width Across<br>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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### L9 Hex Collar Lock Nuts

#### 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.