

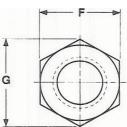
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## **Heavy Hex Nut Available In Plain Finish & Zinc Plated**





|                     |  | F  |  |  | G  |  | н  |  |  |
|---------------------|--|--|--|--|--|--|--|--|--|
|                     |  | Width Across Flats   |  |  | Width Across Corners   |  | Thickness of Hex Nuts  |  |  |
| log# Basic Diameter |  | Basic  | Max  | Min  | Max  | Min  | Basic  | Max  | Min  |
| 1/4                 | 0.2500   | 1/2  | 0.500  | 0.488  | 0.577  | 0.556  | 15.64  | 0.250  | 0.218  |
| 5/16                | 0.3125   | 9/16   | 0.562  | 0.546  | 0.650  | 0.622  | 19.64  | 0.314  | 0.280  |
| 3/8                 | 0.3750   | 11/16  | 0.688  | 0.669  | 0.794  | 0.763  | 23/64  | 0.377  | 0.341  |
| 716                 | 0.4375   | 3/4  | 0.750  | 0.728  | 0.866  | 0.830  | 27/64  | 0.441  | 0.403  |
| 1/2                 | 0.5000   | 7/8  | 0.875  | 0.850  | 1.010  | 0.969  | 31/64  | 0.504  | 0.464  |
| 9/16                | 0.5625   | 15/16  | 0.938  | 0.909  | 1.083  | 1.037  | 35/64  | 0.568  | 0.526  |
| 5/8                 | 0.6250   | 1-1/16   | 1.062  | 1.031  | 1.227  | 1.175  | 39/64  | 0.631  | 0.587  |
| 3/4                 | 0.7500   | 1-1/4  | 1.250  | 1.212  | 1.443  | 1.382  | 47/64  | 0.758  | 0.710  |
| 7/8                 | 0.8750   | 1-7/16   | 1.438  | 1.394  | 1.660  | 1.589  | 55/64  | 0.885  | 0.833  |
| 1                   | 1.0000   | 1-5/8  | 1.625  | 1.575  | 1.876  | 1.796  | 63/64  | 1.012  | 0.956  |
|                     | 1/4<br>5/16<br>3/8<br>716<br>1/2<br>9/16<br>5/8<br>3/4 | 1/4 0.2500   5/16 0.3125   3/8 0.3750   716 0.4375   1/2 0.5000   9/16 0.5625   5/8 0.6250   3/4 0.7500   7/8 0.8750 | Basic Diameter Basic   1/4 0.2500 1/2   5/16 0.3125 9/16   3/8 0.3750 11/16   716 0.4375 3/4   1/2 0.5000 7/8   9/16 0.5625 15/16   5/8 0.6250 1-1/16   3/4 0.7500 1-1/4   7/8 0.8750 1-7/16 | Basic Diameter Basic Max   1/4 0.2500 1/2 0.500   5/16 0.3125 9/16 0.562   3/8 0.3750 11/16 0.688   716 0.4375 3/4 0.750   1/2 0.5000 7/8 0.875   9/16 0.5625 15/16 0.938   5/8 0.6250 1-1/16 1.062   3/4 0.7500 1-1/4 1.250   7/8 0.8750 1-7/16 1.438 | Basic Diameter Basic Max Min   1/4 0.2500 1/2 0.500 0.488   5/16 0.3125 9/16 0.562 0.546   3/8 0.3750 11/16 0.688 0.669   716 0.4375 3/4 0.750 0.728   1/2 0.5000 7/8 0.875 0.850   9/16 0.5625 15/16 0.938 0.909   5/8 0.6250 1-1/16 1.062 1.031   3/4 0.7500 1-1/4 1.250 1.212   7/8 0.8750 1-7/16 1.438 1.394 | Basic Diameter Width Across Flats Width Across Flats   1/4 0.2500 1/2 0.500 0.488 0.577   5/16 0.3125 9/16 0.562 0.546 0.650   3/8 0.3750 11/16 0.688 0.669 0.794   716 0.4375 3/4 0.750 0.728 0.866   1/2 0.5000 7/8 0.875 0.850 1.010   9/16 0.5625 15/16 0.938 0.909 1.083   5/8 0.6250 1-1/16 1.062 1.031 1.227   3/4 0.7500 1-1/4 1.250 1.212 1.443   7/8 0.8750 1-7/16 1.438 1.394 1.660 | Basic Diameter Basic Max Min Max Min   1/4 0.2500 1/2 0.500 0.488 0.577 0.556   5/16 0.3125 9/16 0.562 0.546 0.650 0.622   3/8 0.3750 11/16 0.688 0.669 0.794 0.763   716 0.4375 3/4 0.750 0.728 0.866 0.830   1/2 0.5000 7/8 0.875 0.850 1.010 0.969   9/16 0.5625 15/16 0.938 0.909 1.083 1.037   5/8 0.6250 1-1/16 1.062 1.031 1.227 1.175   3/4 0.7500 1-1/4 1.250 1.212 1.443 1.382   7/8 0.8750 1-7/16 1.438 1.394 1.660 1.589 | Width Across Flats Width Across Corners Thi   Basic Diameter Basic Max Min Max Min Basic Basic Isometric Isometric Thi   1/4 0.2500 1/2 0.500 0.488 0.577 0.556 15.64   5/16 0.3125 9/16 0.562 0.546 0.650 0.622 19.64   3/8 0.3750 11/16 0.688 0.669 0.794 0.763 23/64   716 0.4375 3/4 0.750 0.728 0.866 0.830 27/64   1/2 0.5000 7/8 0.875 0.850 1.010 0.969 31/64   9/16 0.5625 15/16 0.938 0.909 1.083 1.037 35/64   5/8 0.6250 1-1/16 1.062 1.031 1.227 1.175 39/64   3/4 0.7500 1-1/4 1.250 1.212 1.443 1.382 47/64   7/8 <th>Basic Diameter Basic Max Min Max Min Basic Max Max Min Max Max Min Basic Max Max Min Max Max Min Basic Max Max</th> | Basic Diameter Basic Max Min Max Min Basic Max Max Min Max Max Min Basic Max Max Min Max Max Min Basic Max |

ANSI/ASME B18.2.2

| Material   | Low Carbon Steel-RequirementsCarbon: 0.55% Maximum; Phosphorus: 0.12% Maximum; Sulfur: 0.023% maximum |  |  |  |  |  |
|------------|---|--|--|--|--|--|
| Hardness   | Rockwell B68 - C32  |  |  |  |  |  |
| Proof Load | Coarse Thread 100,000 psi; Fine Thread 90,000 psi   |  |  |  |  |  |

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