



Atlanta, Georgia

Phone 800-521-7326

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**Finished Hex Nut Zinc**



Peco  
Catalog#  
  
See  
Section  
Four of  
Our  
Catalog

| Basic Diameter | F                  |         |       | G                    |       | H                     |         |       |       |
|----------------|--------------------|---------|-------|----------------------|-------|-----------------------|---------|-------|-------|
|                | Width Across Flats |         |       | Width Across Corners |       | Thickness of Hex Nuts |         |       |       |
|                | Basic              | Max     | Min   | Max                  | Min   | Basic                 | Max     | Min   |       |
| 1/4            | 0.2500             | 7/16    | 0.438 | 0.428                | 0.505 | 0.488                 | 7/32    | 0.226 | 0.212 |
| 5/16           | 0.3125             | 1/2     | 0.500 | 0.489                | 0.577 | 0.557                 | 17/64   | 0.273 | 0.258 |
| 3/8            | 0.3750             | 9/16    | 0.562 | 0.551                | 0.650 | 0.628                 | 21/64   | 0.337 | 0.320 |
| 7/16           | 0.4375             | 11/16   | 0.562 | 0.551                | 0.768 | 3/8                   | 3/8     | 0.385 | 0.365 |
| 1/2            | 0.5000             | 3/4     | 0.750 | 0.736                | 0.866 | 0.840                 | 7/16    | 0.448 | 0.427 |
| 9/16           | 0.5625             | 7/8     | 0.875 | 0.861                | 1.010 | 0.982                 | 31/64   | 0.496 | 0.473 |
| 5/8            | 0.6250             | 15/16   | 0.938 | 0.922                | 1.083 | 1.051                 | 35/64   | 0.559 | 0.535 |
| 3/4            | 0.7500             | 1-1/8   | 1.125 | 1.088                | 1.299 | 1.240                 | 41/64   | 0.665 | 0.617 |
| 7/8            | 0.8750             | 1-5/16  | 1.312 | 1.269                | 1.516 | 1.447                 | 3/4     | 0.776 | 0.724 |
| 1              | 1.0000             | 1-1/2   | 1.500 | 1.450                | 1.732 | 1.653                 | 55/64   | 0.887 | 0.831 |
| 1-1/8          | 1.1250             | 1-11/16 | 1.688 | 1.631                | 1.949 | 1.859                 | 31/32   | 0.999 | 0.939 |
| 1-1/4          | 1.2500             | 1-7/8   | 1.875 | 1.812                | 2.165 | 2.066                 | 1-1/16  | 1.094 | 1.030 |
| 1-3/8          | 1.3750             | 2-1/16  | 2.062 | 1.994                | 2.382 | 2.273                 | 1-11/64 | 1.206 | 1.138 |
| 1-1/2          | 1.5000             | 2-1/4   | 2.250 | 2.175                | 2.598 | 2.480                 | 1-9/32  | 1.317 | 1.245 |
| 1-5/8          | 1.6250             | 2-7/16  | 2.438 | 2.356                | 2.815 | 2.686                 | 1-25/64 | 1.429 | 1.353 |
| 1-3/4          | 1.7500             | 2-5/8   | 2.625 | 2.538                | 3.031 | 2.893                 | 1-1/2   | 1.540 | 1.460 |
| 2              | 2.0000             | 3       | 3.000 | 2.90                 | 3.464 | 3.306                 | 1-23/32 | 1.763 | 1.675 |

ANSI/ASME B18.2.2

**Material**  
**Hardness**  
**Proof Load**

|                                                                                                        |
|--------------------------------------------------------------------------------------------------------|
| Low Carbon Steel-Requirements--Carbon: 0.47% Maximum; Phosphorus: 0.12% Maximum; Sulfur: 0.23% maximum |
| Rockwell B68 - C32                                                                                     |
| Coarse Thread 90,000 psi; Fine Thread 80,000 psi                                                       |

Peco Fasteners specification sheets are a reference guide to help in the selection of fasteners. Peco has made every effort to ensure the accuracy of the information. However, Peco Fasteners is not responsible for any errors that may be contained within these sheets. Peco Fasteners makes no claim of warranty in the accuracy of this information. Users of this information are solely responsible for protecting themselves against liability. It is solely the responsibility of the purchasers and users of these fasteners to consult with Engineers that are experts in an applicable field. Peco Fasteners is not responsible for any loss, claim, or damage due to these specification sheets.



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|----------------|-------------------------|---------|-------|---------------------------|-------|----------------------------|---------|-------|-------|
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|                | 1/4                     | 0.2500  | 7/16  | 0.438                     | 0.428 | 0.505                      | 0.488   | 7/32  | 0.226 |
| 5/16           | 0.3125                  | 1/2     | 0.500 | 0.489                     | 0.577 | 0.557                      | 17/64   | 0.273 | 0.258 |
| 3/8            | 0.3750                  | 9/16    | 0.562 | 0.551                     | 0.650 | 0.628                      | 21/64   | 0.337 | 0.320 |
| 7/16           | 0.4375                  | 11/16   | 0.562 | 0.551                     | 0.768 | 3/8                        | 3/8     | 0.385 | 0.365 |
| 1/2            | 0.5000                  | 3/4     | 0.750 | 0.736                     | 0.866 | 0.840                      | 7/16    | 0.448 | 0.427 |
| 9/16           | 0.5625                  | 7/8     | 0.875 | 0.861                     | 1.010 | 0.982                      | 31/64   | 0.496 | 0.473 |
| 5/8            | 0.6250                  | 15/16   | 0.938 | 0.922                     | 1.083 | 1.051                      | 35/64   | 0.559 | 0.535 |
| 3/4            | 0.7500                  | 1-1/8   | 1.125 | 1.088                     | 1.299 | 1.240                      | 41/64   | 0.665 | 0.617 |
| 7/8            | 0.8750                  | 1-5/16  | 1.312 | 1.269                     | 1.516 | 1.447                      | 3/4     | 0.776 | 0.724 |
| 1              | 1.0000                  | 1-1/2   | 1.500 | 1.450                     | 1.732 | 1.653                      | 55/64   | 0.887 | 0.831 |
| 1-1/8          | 1.1250                  | 1-11/16 | 1.688 | 1.631                     | 1.949 | 1.859                      | 31/32   | 0.999 | 0.939 |
| 1-1/4          | 1.2500                  | 1-7/8   | 1.875 | 1.812                     | 2.165 | 2.066                      | 1-1/16  | 1.094 | 1.030 |
| 1-3/8          | 1.3750                  | 2-1/16  | 2.062 | 1.994                     | 2.382 | 2.273                      | 1-11/64 | 1.206 | 1.138 |
| 1-1/2          | 1.5000                  | 2-1/4   | 2.250 | 2.175                     | 2.598 | 2.480                      | 1-9/32  | 1.317 | 1.245 |
| 1-5/8          | 1.6250                  | 2-7/16  | 2.438 | 2.356                     | 2.815 | 2.686                      | 1-25/64 | 1.429 | 1.353 |
| 1-3/4          | 1.7500                  | 2-5/8   | 2.625 | 2.538                     | 3.031 | 2.893                      | 1-1/2   | 1.540 | 1.460 |
| 2              | 2.0000                  | 3       | 3.000 | 2.90                      | 3.464 | 3.306                      | 1-23/32 | 1.763 | 1.675 |

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