



Atlanta, Georgia

Phone 800-521-7326

Fax 770-745-1333

**Finished Hex Nut Stainless Steel 18-8 and 316**



| Peco<br>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 |
| See<br>Section<br>Four of<br>Our<br>Catalog | 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

|                                      | 18-8 Stainless Steel  | 316 Stainless Steel  |
|--------------------------------------|---|--|
| <b>Material</b>                      | Made from 303, 303Se, 304, or XM7. Containing 18% Chromium and 8-10% Nickel       | Made from 316 Stainless Steel varying from 18-8 Stainless by 2-3% Molybdenum and 10-14% Nickel |
| <b>Hardness for 18-8 &amp; 316</b>   | 1/4" - 5/8" diameter - Rockwell B95-C32 and 3/4" - 1" diameter - Rockwell B80-C32 |  |
| <b>Proof Load for 18-8 &amp; 316</b> | Coarse Thread - 100,000 psi and Fine Thread 85,000 psi                            |  |
| <b>Heat Treatment</b>                | Normally the heat treatment for Stainless Alloys is Annealing, done at 1900°.     |  |

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.

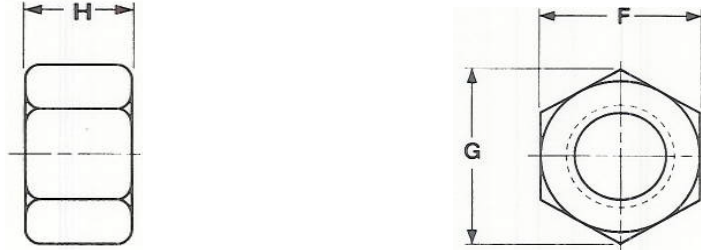


Atlanta, Georgia

Phone 800-521-7326

Fax 770-745-1333

**Finished Hex Nut Stainless Steel 18-8 and 316**



| Peco<br>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 |
| See<br>Section<br>Four of<br>Our<br>Catalog | 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

|                                      | 18-8 Stainless Steel  | 316 Stainless Steel  |
|--------------------------------------|---|--|
| <b>Material</b>                      | Made from 303, 303Se, 304, or XM7. Containing 18% Chromium and 8-10% Nickel       | Made from 316 Stainless Steel varying from 18-8 Stainless by 2-3% Molybdenum and 10-14% Nickel |
| <b>Hardness for 18-8 &amp; 316</b>   | 1/4" - 5/8" diameter - Rockwell B95-C32 and 3/4" - 1" diameter - Rockwell B80-C32 |  |
| <b>Proof Load for 18-8 &amp; 316</b> | Coarse Thread - 100,000 psi and Fine Thread 85,000 psi                            |  |
| <b>Heat Treatment</b>                | Normally the heat treatment for Stainless Alloys is Annealing, done at 1900°.     |  |

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.