

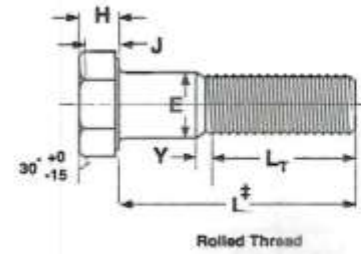
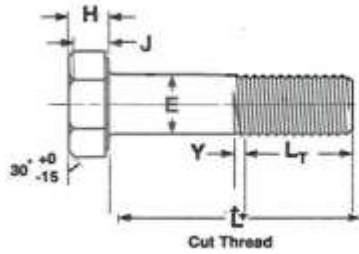


Atlanta, Georgia

Phone 800-521-7326

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Hex Bolt Grade Stainless Steel 18-8 and 316



Peco Catalog#  
  
See Section Three of Our Catalog

| Peco Catalog# | E Diameter     |        |        | F Width      |       |       | G Width        |       | H Head |        | J Wrench | L Thread Length |                    | Y Transition Thread |            |
|---------------|----------------|--------|--------|--------------|-------|-------|----------------|-------|--------|--------|----------|-----------------|--------------------|---------------------|------------|
|               | Basic Diameter | Min    | Max    | Across Flats |       |       | Across Corners |       | Basic  | Height |          | Height Min      | Thread Length < 6" | Thread Length > 6"  | Length Max |
|               |                |        |        | Basic        | Min   | Max   | Min            | Max   |        | Min    | Max      |                 | < 6"               | > 6"                |            |
| 1/4           | 0.2500         | 0.2450 | 0.2500 | 7/16         | 0.428 | 0.438 | 0.488          | 0.505 | 5/32   | 0.150  | 0.163    | 0.106           | 0.7500             | 1.0000              | 0.250      |
| 5/16          | 0.3125         | 0.3065 | 0.3125 | 1/2          | 0.489 | 0.500 | 0.557          | 0.577 | 13/64  | 0.195  | 0.211    | 0.140           | 0.8750             | 1.1250              | 0.278      |
| 3/8           | 0.3750         | 0.3690 | 0.3750 | 9/16         | 0.551 | 0.562 | 0.628          | 0.650 | 15/64  | 0.226  | 0.243    | 0.160           | 1.0000             | 1.2500              | 0.312      |
| 7/16          | 0.4375         | 0.4305 | 0.4375 | 5/8          | 0.612 | 0.625 | 0.698          | 0.722 | 9/32   | 0.272  | 0.291    | 0.195           | 1.1250             | 1.375               | 0.357      |
| 1/2           | 0.5000         | 0.4930 | 0.5000 | 3/4          | 0.736 | 0.750 | 0.840          | 0.866 | 5/16   | 0.302  | 0.323    | 0.215           | 1.2500             | 1.500               | 0.385      |
| 9/16          | 0.5625         | 0.5545 | 0.5625 | 13/16        | 0.798 | 0.812 | 0.910          | 0.938 | 23/64  | 0.348  | 0.371    | 0.250           | 1.375              | 1.625               | 0.417      |
| 5/8           | 0.6250         | 0.6170 | 0.6250 | 15/16        | 0.922 | 0.938 | 1.051          | 1.083 | 25/64  | 0.378  | 0.403    | 0.269           | 1.500              | 1.750               | 0.455      |
| 3/4           | 0.7500         | 0.7410 | 0.7500 | 1-1/8        | 1.100 | 1.125 | 1.254          | 1.299 | 15/32  | 0.455  | 0.483    | 0.324           | 1.750              | 2.000               | 0.500      |
| 7/8           | 0.8750         | 0.8660 | 0.8750 | 1-5/16       | 1.285 | 1.312 | 1.465          | 1.516 | 35/64  | 0.531  | 0.563    | 0.378           | 2.000              | 2.250               | 0.556      |
| 1             | 1.0000         | 0.9900 | 1.0000 | 1-1/2        | 1.469 | 1.500 | 1.675          | 1.732 | 39/64  | 0.591  | 0.627    | 0.416           | 2.250              | 2.500               | 0.625      |
| 1-1/8         | 1.1250         | 1.1140 | 1.1250 | 1-11/16      | 1.631 | 1.688 | 1.859          | 1.949 | 11/16  | 0.658  | 0.718    | 0.461           | 2.500              | 2.750               | 0.714      |
| 1-1/4         | 1.2500         | 1.2390 | 1.2500 | 1-7/8        | 1.812 | 1.875 | 2.066          | 2.165 | 25/32  | 0.749  | 0.813    | 0.530           | 2.750              | 3.000               | 0.714      |
| 1-1/2         | 1.5000         | 1.4880 | 1.5000 | 2-1/4        | 2.175 | 2.250 | 2.480          | 2.598 | 1-5/16 | 0.902  | 0.974    | 0.640           | 3.250              | 3.500               | 0.833      |

| Tolerance on Length | Screw Size | Screw Length |                   |                   |               |                |
|---------------------|------------|--------------|-------------------|-------------------|---------------|----------------|
|                     |            | Up to 1"     | Over 1" to 2-1/2" | Over 2-1/2" to 4" | Over 4" to 6" | Longer than 6" |
|                     | 1/4 to 3/8 | -0.03        | -0.04             | -0.06             | -0.10         | -0.18          |
| 7/16 to 1/2         | -0.03      | -0.06        | -0.08             | -0.10             | -0.18         |                |
| 9/16 to 3/4         | -0.03      | -0.08        | -0.10             | -0.10             | -0.18         |                |
| 7/8 to 1            |            | -0.10        | -0.14             | -0.16             | -0.20         |                |
| 1-1/8 to 1-1/2      |            | -0.12        | -0.16             | -0.18             | -0.22         |                |

**Hardness**  
**Yield Strength**  
**Tensile Strength**  
**Material 18-8**  
**Material 316**

|   | 1/4" through 5/8" Diameter | 3/4" through 1" Diameter |
|---|----------------------------|--------------------------|
| <b>Rockwell</b>   | B95 - C32                  | B80 - C32                |
| <b>psi</b>  | 65,000 psi min.            | 45,000 psi min.          |
| <b>psi</b>  | 100,000 - 150,000 psi      | 85,000 - 140,000 psi     |
| Made from one of the following alloys 303, 303Se, 304, XM7. Chromium Content 17%-19% and Nickel content 8%-10%. |                            |                          |
| Made from 316 stainless steel, contains 2%-3% Molybdenum and 10%-14% Nickel.                                    |                            |                          |

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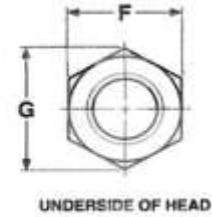
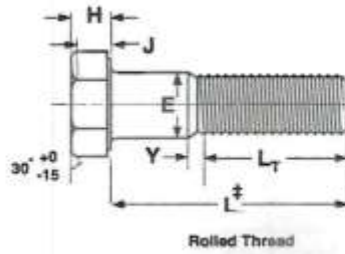
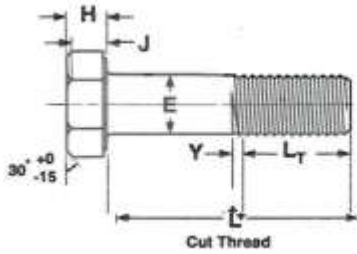


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|---------------|----------------|--------|--------|--------------|-------|-------|----------------|-------|--------|-------|----------|-----------------|--------|---------------------|-------|
|               | Basic Diameter | Min    | Max    | Across Flats |       |       | Across Corners |       | Basic  | Min   | Max      | Min             | < 6"   | > 6"                | Max   |
|               |                |        |        | Basic        | Min   | Max   | Min            | Max   |        |       |          |                 |        |                     |       |
| 1/4           | 0.2500         | 0.2450 | 0.2500 | 7/16         | 0.428 | 0.438 | 0.488          | 0.505 | 5/32   | 0.150 | 0.163    | 0.106           | 0.7500 | 1.0000              | 0.250 |
| 5/16          | 0.3125         | 0.3065 | 0.3125 | 1/2          | 0.489 | 0.500 | 0.557          | 0.577 | 13/64  | 0.195 | 0.211    | 0.140           | 0.8750 | 1.1250              | 0.278 |
| 3/8           | 0.3750         | 0.3690 | 0.3750 | 9/16         | 0.551 | 0.562 | 0.628          | 0.650 | 15/64  | 0.226 | 0.243    | 0.160           | 1.0000 | 1.2500              | 0.312 |
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| 1-1/2         | 1.5000         | 1.4880 | 1.5000 | 2-1/4        | 2.175 | 2.250 | 2.480          | 2.598 | 1-5/16 | 0.902 | 0.974    | 0.640           | 3.250  | 3.500               | 0.833 |

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