

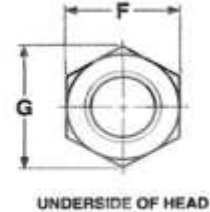
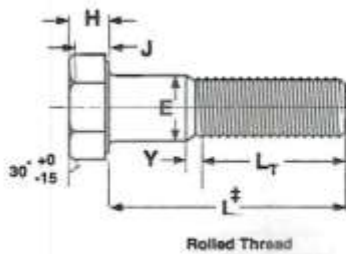
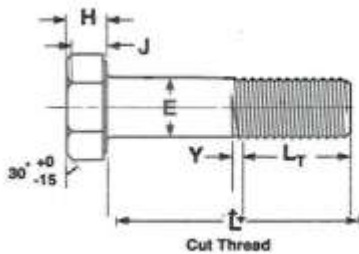


Atlanta, Georgia

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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    | Basic   | Min     | Max   | Min     | Max   | Basic  | Min    | Max      | Min   | Length < 6"     | Length > 6" | 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 |
|               | 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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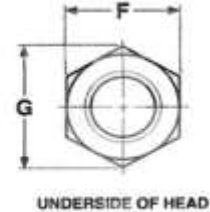
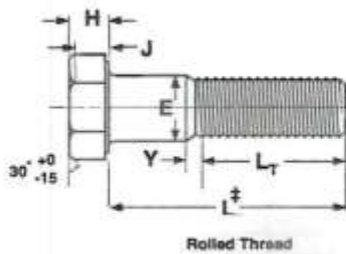
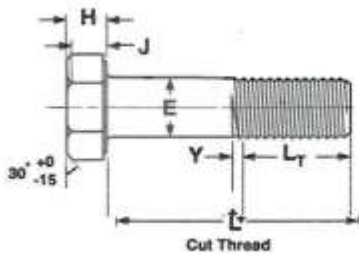


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| Peco Catalog#       | E Diameter     |        |        | F Width      |       |              | G Width        |                   | H Head            |               | J Wrench       | L Thread Length |                    | Y Transition Thread |            |
|---------------------|----------------|--------|--------|--------------|-------|--------------|----------------|-------------------|-------------------|---------------|----------------|-----------------|--------------------|---------------------|------------|
|                     | 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        |                |                   |                   |               |                |                 |                    |                     |            |

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Yield Strength  
Tensile Strength  
Material 18-8  
Material 316

|   | 1/4" through 5/8" Diameter | 3/4" through 1" Diameter |
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| Rockwell  | B95 - C32                  | B80 - C32                |
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| Made from one of the following alloys 303, 303Se, 304, XM7. Chromium Content 17%-19% and Nickel content 8%-10%. |                            |                          |
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