

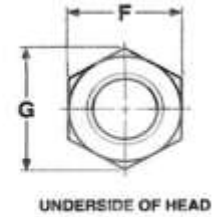
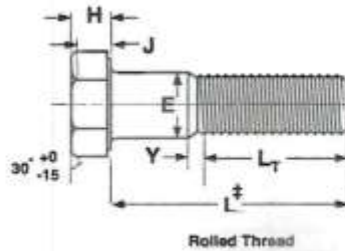
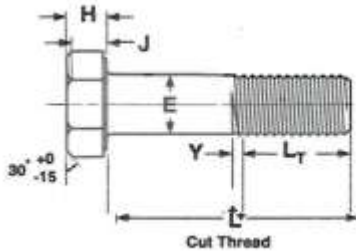


Atlanta, Georgia

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## Hex Bolt Grade Stainless Steel 18-8 and 316



| Peco<br>Catalog#                                                                | E<br>Diameter  |        |        | F<br>Width   |                |       | G<br>Width                                                                                                      |       |                   | H<br>Head |                   |                          | J<br>Wrench   | L<br>Thread Length | Y<br>Transition Thread Length |       |                      |  |  |  |  |
|---------------------------------------------------------------------------------|----------------|--------|--------|--------------|----------------|-------|-----------------------------------------------------------------------------------------------------------------|-------|-------------------|-----------|-------------------|--------------------------|---------------|--------------------|-------------------------------|-------|----------------------|--|--|--|--|
|                                                                                 |                |        |        | Across Flats |                |       | Across Corners                                                                                                  |       |                   | Height    |                   |                          | Height        | Screw Length       | Screw Length                  |       |                      |  |  |  |  |
|                                                                                 | Basic Diameter | Min    | Max    | Basic        | Min            | Max   | Min                                                                                                             | Max   | Basic             | Min       | Max               | Min                      | Max           | < 6"               | > 6"                          | Max   |                      |  |  |  |  |
| See<br>Section<br>Three of<br>Our<br>Catalog                                    | 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<br>Yield Strength<br>Tensile Strength<br>Material 18-8<br>Material 316 |                |        |        |              |                |       | 1/4" through 5/8" Diameter                                                                                      |       |                   |           |                   | 3/4" through 1" Diameter |               |                    |                               |       |                      |  |  |  |  |
|                                                                                 |                |        |        |              |                |       | Rockwell                                                                                                        |       |                   |           |                   | B95 - C32                |               |                    |                               |       | B80 - C32            |  |  |  |  |
|                                                                                 |                |        |        |              |                |       | psi                                                                                                             |       |                   |           |                   | 65,000 psi min.          |               |                    |                               |       | 45,000 psi min.      |  |  |  |  |
|                                                                                 |                |        |        |              |                |       | psi                                                                                                             |       |                   |           |                   | 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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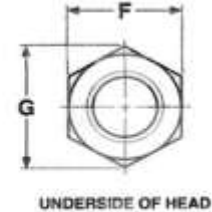
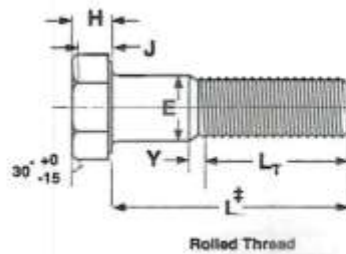
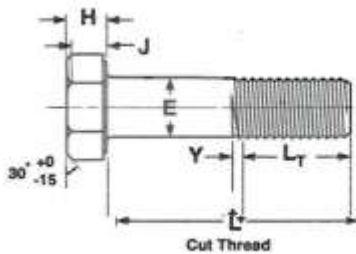


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## Hex Bolt Grade Stainless Steel 18-8 and 316



| Peco<br>Catalog#                                                                | E<br>Diameter  |        |        | F<br>Width   |                |       | G<br>Width     |                                                                                                                 |                   | H<br>Head |                       |       | J<br>Wrench              | L<br>Thread Length |                | Y<br>Transition      |  |  |  |  |
|---------------------------------------------------------------------------------|----------------|--------|--------|--------------|----------------|-------|----------------|-----------------------------------------------------------------------------------------------------------------|-------------------|-----------|-----------------------|-------|--------------------------|--------------------|----------------|----------------------|--|--|--|--|
|                                                                                 |                |        |        | Across Flats |                |       | Across Corners |                                                                                                                 |                   | Height    |                       |       | Height                   | Screw Length       | Screw Length   | Thread               |  |  |  |  |
|                                                                                 | Basic Diameter | Min    | Max    | Basic        | Min            | Max   | Min            | Max                                                                                                             | Basic             | Min       | Max                   | Min   | Max                      | < 6"               | > 6"           | Max                  |  |  |  |  |
| See<br>Section<br>Three of<br>Our<br>Catalog                                    | 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<br>Yield Strength<br>Tensile Strength<br>Material 18-8<br>Material 316 |                |        |        |              |                |       |                | 1/4" through 5/8" Diameter                                                                                      |                   |           |                       |       | 3/4" through 1" Diameter |                    |                |                      |  |  |  |  |
|                                                                                 |                |        |        |              |                |       |                | Rockwell                                                                                                        |                   |           | B95 - C32             |       |                          |                    |                | B80 - C32            |  |  |  |  |
|                                                                                 |                |        |        |              |                |       |                | psi                                                                                                             |                   |           | 65,000 psi min.       |       |                          |                    |                | 45,000 psi min.      |  |  |  |  |
|                                                                                 |                |        |        |              |                |       |                | psi                                                                                                             |                   |           | 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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