

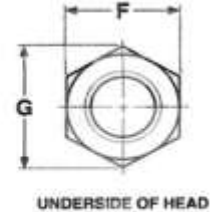
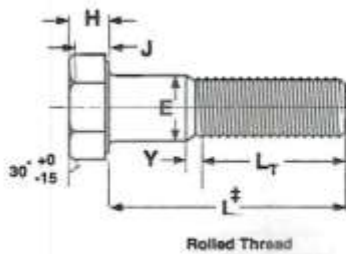
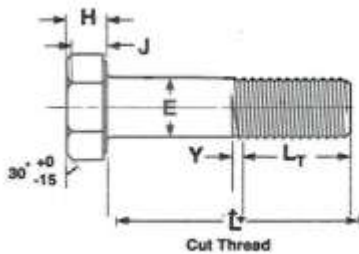


Atlanta, Georgia

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 |
|---|----------------------------|--------------------------|
| 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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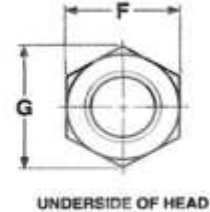
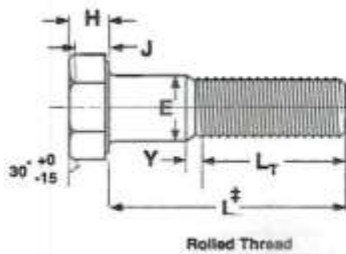
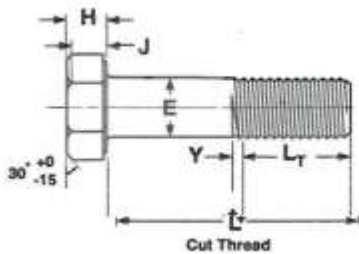


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|---------------|----------------|--------|--------|--------------|---------|-------|----------------|-------|--------|--------|----------|-------|-----------------|--------|---------------------|-------|
| | Basic Diameter | Min | Max | Across Flats | | | Across Corners | | Basic | Height | | Min | Screw Length | | Max | |
| | | | | Basic | Min | Max | Min | Max | | Min | Max | | < 6" | > 6" | | |
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| | 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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|---------------------|-------------|--------------|-------------------|-------------------|---------------|----------------|
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