

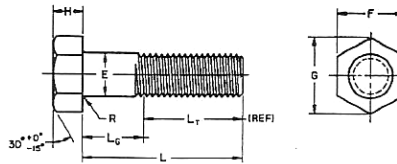
Hex Head Machine Bolts



HEX HEAD MACHINE BOLTS ITEM NO. 08-xx

Hot Dipped Galvanized

The formula for determining thread length is bolts 6" and shorter: two diameters plus ¼ ". Bolts over 6": two diameters plus ½ ". If bolts are too short to apply the formula, the thread will be extended as close to head as possible.



Dimensions (in.):

| Nominal Size or Basic Bolt Diameter | | Body Dia (E) | Width Across Flat (F) | | Width Across Corners (G) | | Height (H) | | | Radius Fillet (R) | | Thread Length (L _T (Ref)) | | |
|-------------------------------------|--------|--------------|-----------------------|-------|--------------------------|-------|------------|-------|-------|-------------------|------|--------------------------------------|-------|---------------------|
| | | | Max | Basic | Max | Min | Max | Min | Basic | Max | Min | Max | Min | Bolt Length ≤ 6 in. |
| ¼ | 0.2500 | 0.260 | 7/16 | 0.438 | 0.425 | 0.505 | 0.484 | 11/64 | 0.188 | 0.150 | 0.03 | 0.01 | 0.750 | 1.000 |
| 5/16 | 0.3150 | 0.324 | ½ | 0.500 | 0.484 | 0.577 | 0.552 | 7/32 | 0.235 | 0.195 | 0.03 | 0.01 | 0.875 | 1.125 |
| 3/8 | 0.3750 | 0.388 | 9/16 | 0.562 | 0.544 | 0.650 | 0.620 | ¼ | 0.268 | 0.226 | 0.03 | 0.01 | 1.000 | 1.250 |
| 7/16 | 0.4375 | 0.452 | 5/8 | 0.625 | 0.603 | 0.722 | 0.687 | 19/64 | 0.316 | 0.272 | 0.03 | 0.01 | 1.125 | 1.375 |
| ½ | 0.5000 | 0.515 | ¾ | 0.750 | 0.725 | 0.866 | 0.826 | 11/32 | 0.364 | 0.302 | 0.03 | 0.01 | 1.250 | 1.500 |
| 5/8 | 0.6250 | 0.642 | 15/16 | 0.938 | 0.906 | 1.083 | 1.033 | 27/64 | 0.444 | 0.378 | 0.06 | 0.02 | 1.500 | 1.750 |
| ¾ | 0.7500 | 0.768 | 1 1/8 | 1.125 | 1.088 | 1.299 | 1.240 | ½ | 0.524 | 0.455 | 0.06 | 0.02 | 1.750 | 2.000 |
| 7/8 | 0.8750 | 0.895 | 1 5/16 | 1.312 | 1.269 | 1.516 | 1.447 | 37/64 | 0.604 | 0.531 | 0.06 | 0.02 | 2.000 | 2.250 |
| 1 | 1.0000 | 1.022 | 1 ½ | 1.500 | 1.450 | 1.732 | 1.653 | 43/64 | 0.700 | 0.591 | 0.09 | 0.03 | 2.250 | 2.500 |

Sizes:

| BOLT DIAMETER | | BOLT LENGTHS | |
|---------------|--|-----------------|-------|
| | | FROM | TO |
| ¼" | | Call for sizes. | |
| 5/16" | | 2 ½" | 10 ½" |
| 3/8" | | 1 ½" | 18" |
| 7/16" | | Call for sizes. | |
| ½" | | 1 ½" | 22" |
| 5/8" | | 1 ½" | 22" |
| ¾" | | 2" | 24" |
| 7/8" | | 7" | 16" |
| 1 | | 2" | 24" |

Many other sizes available. Other alloys available (ex. Stainless Steel, Silicon Brass). Please call for details.



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Specifications subject to change without notice. Not responsible for rust.

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