

Bolt Size Chart: Find the Right Fastener for Every Project

This chart lists common bolt dimensions for both Imperial (US Standard) and Metric systems. You'll find the nominal diameter, thread specifications, and the corresponding wrench size for standard hex head bolts. It's a handy reference for anyone working on a project, helping you pick out just the right fastener.

| SYSTEM ↑↓ | NOMINAL DIAMETER ↑↓ | THREAD SPECIFICATION ↑↓ | HEX HEAD WRENCH SIZE ↑↓ |
|-----------|---------------------|-------------------------|-------------------------|
| Imperial  | #6 (0.138")         | 32 UNC (Coarse)         | 1/4"                    |
| Imperial  | #8 (0.164")         | 32 UNC (Coarse)         | 5/16"                   |
| Imperial  | #10 (0.190")        | 24 UNC (Coarse)         | 3/8"                    |
| Imperial  | 1/4" (0.250")       | 20 UNC (Coarse)         | 7/16"                   |
| Imperial  | 5/16" (0.3125")     | 18 UNC (Coarse)         | 1/2"                    |
| Imperial  | 3/8" (0.375")       | 16 UNC (Coarse)         | 9/16"                   |
| Imperial  | 7/16" (0.4375")     | 14 UNC (Coarse)         | 5/8"                    |
| Imperial  | 1/2" (0.500")       | 13 UNC (Coarse)         | 3/4"                    |
| Imperial  | 5/8" (0.625")       | 11 UNC (Coarse)         | 15/16"                  |
| Imperial  | 3/4" (0.750")       | 10 UNC (Coarse)         | 1-1/8"                  |
| Imperial  | #10 (0.190")        | 32 UNF (Fine)           | 3/8"                    |
| Imperial  | 1/4" (0.250")       | 28 UNF (Fine)           | 7/16"                   |
| Imperial  | 5/16" (0.3125")     | 24 UNF (Fine)           | 1/2"                    |
| Imperial  | 3/8" (0.375")       | 24 UNF (Fine)           | 9/16"                   |
| Imperial  | 7/16" (0.4375")     | 20 UNF (Fine)           | 5/8"                    |
| Imperial  | 1/2" (0.500")       | 20 UNF (Fine)           | 3/4"                    |
| Imperial  | 5/8" (0.625")       | 18 UNF (Fine)           | 15/16"                  |
| Imperial  | 3/4" (0.750")       | 16 UNF (Fine)           | 1-1/8"                  |
| Metric    | M3                  | 0.5 mm Pitch            | 5.5 mm                  |
| Metric    | M4                  | 0.7 mm Pitch            | 7 mm                    |
| Metric    | M5                  | 0.8 mm Pitch            | 8 mm                    |
| Metric    | M6                  | 1.0 mm Pitch            | 10 mm                   |
| Metric    | M8                  | 1.25 mm Pitch           | 13 mm                   |
| Metric    | M10                 | 1.5 mm Pitch            | 16 mm                   |
| Metric    | M12                 | 1.75 mm Pitch           | 18 mm                   |
| Metric    | M14                 | 2.0 mm Pitch            | 21 mm                   |
| Metric    | M16                 | 2.0 mm Pitch            | 24 mm                   |
| Metric    | M20                 | 2.5 mm Pitch            | 30 mm                   |

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