

Merit Brass MSS SP 114 Dimensions

| Nominal Pipe Size | Length of External Thread Min. A | Length of Internal Thread, Min. T | Nominal Metal Thickness G (a) | Height Of Head, Min. D (b) | Width of Flat Nominal C (c) |
|-------------------|----------------------------------|-----------------------------------|-------------------------------|----------------------------|-----------------------------|
| 2 x 1 1/2 | 0.88 | 0.72 | ... | 0.34 | 2 1/2 |
| 2 x 1 1/4 | 0.88 | 0.71 | ... | 0.34 | 2 1/2 |
| 2 x 1 | 0.88 | 0.68 | 0.22 | 0.34 | 2 1/2 |
| 2 x 3/4 | 0.88 | 0.55 | 0.22 | 0.34 | 2 1/2 |
| 2 x 1/2 | 0.88 | 0.53 | 0.22 | 0.34 | 2 1/2 |
| 2 x 3/8 | 0.88 | 0.41 | 0.22 | 0.34 | 2 1/2 |
| 2 x 1/4 | 0.88 | 0.40 | 0.22 | 0.34 | 2 1/2 |
| 2 1/2 x 2 | 1.06 | 0.76 | ... | 0.38 | 3 |
| 2 1/2 x 1 1/2 | 1.06 | 0.72 | ... | 0.38 | 3 |
| 2 1/2 x 1 1/4 | 1.06 | 0.71 | 0.24 | 0.38 | 3 |
| 2 1/2 x 1 | 1.06 | 0.68 | 0.24 | 0.38 | 3 |
| 2 1/2 x 3/4 | 1.06 | 0.55 | 0.24 | 0.38 | 3 |
| 2 1/2 x 1/2 | 1.06 | 0.53 | 0.24 | 0.38 | 3 |
| 3 x 2 1/2 | 1.12 | 1.14 | ... | 0.41 | 3 1/2 |
| 3 x 2 | 1.12 | 0.76 | ... | 0.41 | 3 1/2 |
| 3 x 1 1/2 | 1.12 | 0.72 | 0.26 | 0.41 | 3 1/2 |
| 3 x 1 1/4 | 1.12 | 0.70 | 0.26 | 0.41 | 3 1/2 |
| 3 x 1 | 1.12 | 0.68 | 0.26 | 0.41 | 3 1/2 |
| 3 x 3/4 | 1.12 | 0.55 | 0.26 | 0.41 | 3 1/2 |
| 3 x 1/2 | 1.12 | 0.53 | 0.26 | 0.41 | 3 1/2 |
| 4 x 3 | 1.25 | 1.20 | ... | 0.50 | 4 5/8 |
| 4 x 2 1/2 | 1.25 | 1.14 | 0.31 | 0.60 | 4 5/8 |
| 4 x 2 | 1.25 | 0.76 | 0.31 | 0.60 | 4 5/8 |
| 4 x 1 1/2 | 1.25 | 0.72 | 0.31 | 0.60 | 4 5/8 |
| 4 x 1 1/4 | 1.25 | 0.70 | 0.31 | 0.60 | 4 5/8 |
| 4 x 1 | 1.25 | 0.68 | 0.31 | 0.60 | 4 5/8 |

GENERAL NOTE: Dimensions are in inches.

- (a) Patterns shall be designed to produce castings of metal thickness given in the table. Metal thickness at no point shall be less than 90% of the values given in the table.
- (b) When made from bar stock, the dimensions may be 5/8, 11/16, 7/8, 1 1/8, and 1 7/16 in. respectively, in order to use regular bar stock sizes.
- (c) These dimensions are the nominal size of wrench as given in Appendix V of American National Standard, Square and Hex Bolts and Screws (ASME B18.2.1). Hex bushings are designed to fit these wrenches.