



Grade 5 Flange Bolt Set

Medium Carbon Steel Hex Cap Screws are manufactured to the dimensional specification ASME B18.2.1 and conform to SAE J429, Grade 5 specifications. Finished Hex Nuts shall be manufactured to the dimensional specifications ASME B18.2.2 and conform to ASTM A563, Grade A specifications. The Hex Cap Screws and Nuts are supplied with a Plain Finish.

Bolts sized for standard flange connections: Ductile Iron by Ductile Iron. Bolt sizing below.

| Flange Size | Bolt & Nut Quantity | Bolt Diameter & Length |
|-------------|---------------------|------------------------|
| 1/2" | 4 | 1/2" - 13 X 1-1/2" |
| 3/4" | 4 | 1/2" - 13 X 1-3/4" |
| 1" | 4 | 1/2" - 13 X 2" |
| 1-1/2" | 4 | 1/2" - 13 X 2" |
| 2" | 4 | 5/8" - 11 X 2-1/2" |
| 2-1/2" | 4 | 5/8" - 11 X 3" |
| 3" | 4 | 5/8" - 11 X 3" |
| 4" | 8 | 5/8" - 11 x 3" |
| 5" | 8 | 3/4" - 10 X 3-1/4" |
| 6" | 8 | 3/4" - 10 X 3-1/4" |
| 8" | 8 | 3/4" - 10 X 3-1/2" |
| 10" | 12 | 7/8" - 9 X 3-3/4" |
| 12" | 12 | 7/8" - 9 X 3-3/4" |
| 14" | 12 | 1" - 8 X 4-1/2" |
| 16" | 16 | 1" - 8 X 4-1/2" |
| 18" | 16 | 1-1/8" - 7 X 5" |
| 20" | 20 | 1-1/8" - 7 X 5" |
| 24" | 20 | 1-1/4" - 7 X 5-1/2" |
| 30" | 28 | 1-1/4" - 7 X 6-1/2" |
| 36" | 32 | 1-1/2" - 6 X 7" |
| 42" | 36 | 1-1/2" - 6 X 7-3/4" |
| 48" | 44 | 1-1/2" - 6 X 7-3/4" |

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