Metric Wrench Sizes

| Bolt Diameter (mm) | Head/Wrench Size(mm) |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | ANSI/ISO | DIN | JIS | DIN/ISO <br> Heavy Hex |
| 4 | 7 | 7 | 7 | - |
| 5 | 8 | 8 | 8 | - |
| 6 | 10 | 10 | 10 | - |
| 7 | - | 11 | - | - |
| 8 | 13 | 13 | 12 | - |
| 10 | 16 | 17 | 14 | - |
| 12 | 18 | 19 | 17 | 22/21* |
| 14 | 21 | 22 | 19 | - |
| 16 | 24 | 24 | 22 | 27 |
| 18 | - | 27 | - | - |
| 20 | 30 | 30 | - | 34/32* |
| ANSI - American National Standards Institute |  |  |  |  |
| ISO - International Organization for Standardisation |  |  |  |  |
| DIN - Deutsches Institut fur Normung |  |  |  |  |
| JIS - Japanese Industrial Standard |  |  |  |  |
| * Indicates ISO standard. |  |  |  |  |

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