



| Nominal size | | Outside diam. of flange | Thick. of flange | Diam. of raised face | Diam of hub at base | Length thru hub | Diam. of bore | Depth of socket | No. of holes | Diam. of holes | Diam. of bolts | Diam. of bolt circle | Approx. weight pounds Kg |
|--------------|------------|-------------------------|------------------|----------------------|---------------------|-----------------|---------------|-----------------|--------------|----------------|----------------|----------------------|--------------------------|
| | | O | C | R | X | Y | B | D | | | | | |
| 1/2" | <i>in.</i> | 3.5 | 0.44 | 1.38 | 1.19 | 0.62 | 0.88 | 0.38 | 4 | 0.62 | 1/2 | 2.38 | 1 |
| | <i>mm.</i> | 88.9 | 11.2 | 35.1 | 30.2 | 15.7 | 22.4 | 9.7 | | 15.7 | 12.7 | 60.5 | 0.5 |
| 3/4" | <i>in.</i> | 3.88 | 0.5 | 1.69 | 1.5 | 0.62 | 1.09 | 0.44 | 4 | 0.62 | 1/2 | 2.75 | 2 |
| | <i>mm.</i> | 98.6 | 12.7 | 42.9 | 38.1 | 15.7 | 27.7 | 11.2 | | 15.7 | 12.7 | 69.9 | 1 |
| 1" | <i>in.</i> | 4.25 | 0.56 | 2 | 1.94 | 0.69 | 1.36 | 0.5 | 4 | 0.62 | 1/2 | 3.12 | 2 |
| | <i>mm.</i> | 108 | 14.2 | 50.8 | 49.3 | 17.5 | 34.5 | 12.7 | | 15.7 | 12.7 | 79.2 | 1 |
| 1 1/4" | <i>in.</i> | 4.62 | 0.62 | 2.5 | 2.31 | 0.81 | 1.7 | 0.56 | 4 | 0.62 | 1/2 | 3.5 | 3 |
| | <i>mm.</i> | 117.3 | 15.7 | 63.5 | 58.7 | 20.6 | 43.2 | 14.2 | | 15.7 | 12.7 | 88.9 | 1 |
| 1 1/2" | <i>in.</i> | 5 | 0.69 | 2.88 | 2.56 | 0.88 | 1.95 | 0.62 | 4 | 0.62 | 1/2 | 3.88 | 3 |
| | <i>mm.</i> | 127 | 17.5 | 73.2 | 65 | 22.4 | 49.5 | 15.7 | | 15.7 | 12.7 | 98.6 | 1 |
| 2" | <i>in.</i> | 6 | 0.75 | 3.62 | 3.06 | 1 | 2.44 | 0.69 | 4 | 0.75 | 5/8 | 4.75 | 5 |
| | <i>mm.</i> | 152.4 | 19.1 | 91.9 | 77.7 | 25.4 | 62 | 17.5 | | 19.1 | 15.9 | 120.7 | 2 |
| 2 1/2" | <i>in.</i> | 7 | 0.88 | 4.12 | 3.56 | 1.12 | 2.94 | 0.75 | 4 | 0.75 | 5/8 | 5.5 | 7 |
| | <i>mm.</i> | 177.8 | 22.4 | 104.6 | 90.4 | 28.4 | 74.7 | 19.1 | | 19.1 | 15.9 | 139.7 | 3 |
| 3" | <i>in.</i> | 7.5 | 0.94 | 5 | 4.25 | 1.19 | 3.57 | 0.81 | 4 | 0.75 | 5/8 | 6 | 8 |
| | <i>mm.</i> | 190.5 | 23.9 | 127 | 108 | 30.2 | 90.7 | 20.6 | | 19.1 | 15.9 | 152.4 | 4 |
| 3 1/2" | <i>in.</i> | 8.5 | 0.94 | 5.5 | 4.81 | 1.25 | 4.07 | | 8 | 0.75 | 5/8 | 7 | 11 |
| | <i>mm.</i> | 215.9 | 23.9 | 139.7 | 122.2 | 31.8 | 103.4 | | | 19.1 | 15.9 | 177.8 | 5 |
| 4" | <i>in.</i> | 9 | 0.94 | 6.19 | 5.31 | 1.31 | 4.57 | | 8 | 0.75 | 5/8 | 7.5 | 13 |
| | <i>mm.</i> | 228.6 | 23.9 | 157.2 | 134.9 | 33.3 | 116.1 | | | 19.1 | 15.9 | 190.5 | 6 |
| 5" | <i>in.</i> | 10 | 0.94 | 7.31 | 6.44 | 1.44 | 5.66 | | 8 | 0.88 | 3/4 | 8.5 | 15 |
| | <i>mm.</i> | 254 | 23.9 | 185.7 | 163.6 | 36.6 | 143.8 | | | 22.4 | 19.1 | 215.9 | 7 |
| 6" | <i>in.</i> | 11 | 1 | 8.5 | 7.56 | 1.56 | 6.72 | | 8 | 0.88 | 3/4 | 9.5 | 19 |
| | <i>mm.</i> | 279.4 | 25.4 | 215.9 | 192 | 39.6 | 170.7 | | | 22.4 | 19.1 | 241.3 | 9 |
| 8" | <i>in.</i> | 13.5 | 1.12 | 10.62 | 9.69 | 1.75 | 8.72 | | 8 | 0.88 | 3/4 | 11.75 | 30 |
| | <i>mm.</i> | 342.9 | 28.4 | 269.7 | 246.1 | 44.5 | 221.5 | | | 22.4 | 19.1 | 298.5 | 14 |
| 10" | <i>in.</i> | 16 | 1.19 | 12.75 | 12 | 1.94 | 10.88 | | 12 | 1 | 7/8 | 14.25 | 43 |
| | <i>mm.</i> | 406.4 | 30.2 | 323.9 | 304.8 | 49.3 | 276.4 | | | 25.4 | 22.2 | 362 | 20 |
| 12" | <i>in.</i> | 19 | 1.25 | 15 | 14.38 | 2.19 | 12.88 | | 12 | 1 | 7/8 | 17 | 64 |
| | <i>mm.</i> | 482.6 | 31.8 | 381 | 365.3 | 55.6 | 327.2 | | | 25.4 | 22.2 | 431.8 | 29 |
| 14" | <i>in.</i> | 21 | 1.38 | 16.25 | 15.75 | 2.25 | 14.14 | | 12 | 1.12 | 1 | 18.75 | 90 |
| | <i>mm.</i> | 533.4 | 35.1 | 412.8 | 400.1 | 57.2 | 359.2 | | | 28.4 | 25.4 | 476.3 | 41 |
| 16" | <i>in.</i> | 23.5 | 1.44 | 18.5 | 18 | 2.5 | 16.16 | | 16 | 1.12 | 1 | 21.25 | 98 |
| | <i>mm.</i> | 596.9 | 36.6 | 469.9 | 457.2 | 63.5 | 410.5 | | | 28.4 | 25.4 | 539.8 | 44 |
| 18" | <i>in.</i> | 25 | 1.56 | 21 | 19.88 | 2.69 | 18.18 | | 16 | 1.25 | 1 1/8 | 22.75 | 130 |
| | <i>mm.</i> | 635 | 39.6 | 533.4 | 505 | 68.3 | 461.8 | | | 31.8 | 28.6 | 577.9 | 59 |
| 20" | <i>in.</i> | 27.5 | 1.69 | 23 | 22 | 2.88 | 20.2 | | 20 | 1.25 | 1 1/8 | 25 | 165 |
| | <i>mm.</i> | 698.5 | 42.9 | 584.2 | 558.8 | 73.2 | 513.1 | | | 31.8 | 28.6 | 635 | 75 |
| 24" | <i>in.</i> | 32 | 1.88 | 27.25 | 26.12 | 3.25 | 24.25 | | 20 | 1.38 | 1 1/4 | 29.5 | 220 |
| | <i>mm.</i> | 812.8 | 47.8 | 692.2 | 663.4 | 82.6 | 616 | | | 35.1 | 31.8 | 749.3 | 100 |

(1) When these flanges are required with flat face, either the full thickness or thickness with raised face removed may be furnished.

Users are reminded that removing the raised face will make the length through hub nonstandard.

(2) This dimension is for large end of hub, which may be straight or tapered. threaded, slip-on, socket welding, and lapped flanges.

Taper shall not exceed 7 degrees on