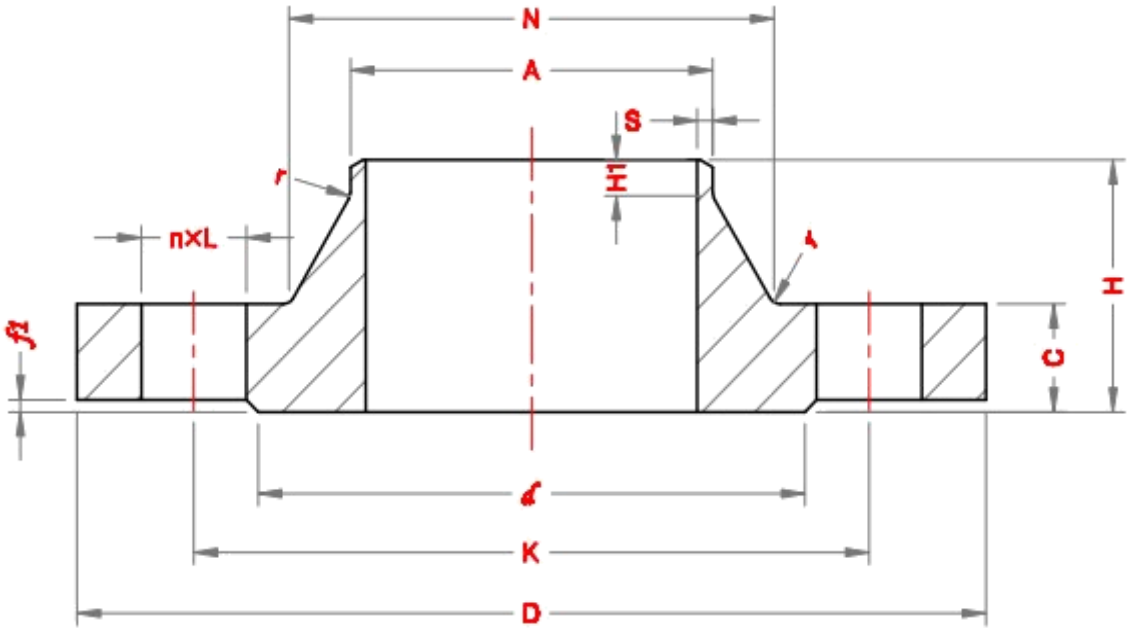
**Weld Neck Flanges - EN 1092-1**




**PN 160**

| DN | Pipe OD, A | | OD, D | Dmtr of Bolt Circle, K | Dmtr of Bolt Holes, L | No. of bolts | Dmtr of Raised Face, d | Height of Raised Face, f1 | Flange Thick, C | Length of Flange, H | Neck Diameter , N | Wall thick, S | Length of right end, H1 | Radius of Corners, r |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Series Ⅰ | Series Ⅱ | | | | | | | | | | | | |
| 10 | 17.2 | 14 | 100 | 70 | 14 | 4 | 40 | 2 | 20 | 45 | 32 | 2.0 | 6 | 4 |
| 15 | 21.3 | 18 | 105 | 75 | 14 | 4 | 45 | 2 | 20 | 45 | 34 | 2.0 | 6 | 4 |
| 20 | 26.9 | 25 | 130 | 90 | 18 | 4 | 58 | 2 | 24 | 52 | 42 | 2.9 | 6 | 4 |
| 25 | 33.7 | 32 | 140 | 100 | 18 | 4 | 68 | 2 | 24 | 58 | 52 | 2.9 | 8 | 4 |
| 32 | 42.4 | 38 | 155 | 110 | 22 | 4 | 78 | 2 | 28 | 60 | 60 | 3.6 | 8 | 5 |
| 40 | 48.3 | 45 | 170 | 125 | 22 | 4 | 88 | 3 | 28 | 64 | 70 | 3.6 | 10 | 6 |
| 50 | 60.3 | 57 | 195 | 145 | 26 | 4 | 102 | 3 | 30 | 75 | 90 | 4.0 | 10 | 6 |
| 65 | 76.1 | 79 | 220 | 170 | 26 | 8 | 122 | 3 | 34 | 82 | 108 | 5.0 | 12 | 6 |
| 80 | 88.9 | 89 | 230 | 180 | 26 | 8 | 138 | 3 | 36 | 86 | 120 | 6.3 | 12 | 8 |
| 100 | 114.3 | 108 | 265 | 210 | 30 | 8 | 162 | 3 | 40 | 100 | 150 | 8.0 | 12 | 8 |
| 125 | 139.7 | 133 | 315 | 250 | 33 | 8 | 188 | 3 | 44 | 115 | 180 | 10.0 | 14 | 8 |
| 150 | 168.3 | 159 | 355 | 290 | 33 | 12 | 218 | 3 | 50 | 128 | 210 | 12.5 | 14 | 10 |
| 200 | 219.1 | 219 | 430 | 360 | 36 | 12 | 285 | 3 | 60 | 140 | 278 | 16.0 | 16 | 10 |
| 250 | 273 | 273 | 515 | 430 | 42 | 12 | 345 | 3 | 68 | 155 | 340 | 20.0 | 18 | 12 |
| 300 | 323.9 | 325 | 585 | 500 | 42 | 16 | 410 | 4 | 78 | 175 | 400 | 22.2 | 18 | 12 |