



FLANGES WEIGHT (Lbs)

ANSI Forged Flange Weights- 150 Pound

| NOMINAL PIPE SIZE | WELDING NECK | SLIP-ON | THREADED | LAP JOINT | BLIND | LONG NECK | NUMBER OF STUDS AND RING GASKETS | | | | |
|-------------------|--------------|---------|----------|-----------|-------|-----------|----------------------------------|-------|-------|---------|-------|
| | | | | | | | No. | D. | RF/L. | RT/J/L. | Ring# |
| 0.5 | 2 | 1 | 1 | 1 | 2 | ... | 4 | 1/2 | 2.25 | ... | ... |
| 0.75 | 2 | 1.5 | 1.5 | 1.5 | 2 | 8 | 4 | 1/2 | 2.50 | ... | ... |
| 1 | 2.5 | 2 | 2 | 2 | 2 | 10 | 4 | 1/2 | 2.50 | 3.00 | 15 |
| 1.25 | 2.5 | 2.5 | 2.5 | 2.5 | 3 | 12 | 4 | 1/2 | 2.75 | 3.25 | 17 |
| 1.5 | 4 | 3 | 3 | 3 | 3 | 16 | 4 | 1/2 | 2.75 | 3.25 | 19 |
| 2 | 6 | 5 | 5 | 5 | 4 | 21 | 4 | 5/8 | 3.25 | 3.75 | 22 |
| 2.5 | 10 | 8 | 8 | 8 | 7 | 24 | 4 | 5/8 | 3.50 | 4.00 | 25 |
| 3 | 11.5 | 9 | 10 | 9 | 9 | 31 | 4 | 5/8 | 3.50 | 4.00 | 29 |
| 3.5 | 12 | 11 | 12 | 11 | 13 | 47 | 8 | 5/8 | 3.50 | 4.00 | 33 |
| 4 | 16.5 | 13 | 13 | 12 | 17 | 57 | 8 | 5/8 | 3.50 | 4.00 | 36 |
| 5 | 21 | 15 | 15 | 13 | 20 | 77 | 8 | 3/4 | 3.75 | 4.25 | 40 |
| 6 | 26 | 17 | 19.5 | 18 | 27 | 103 | 8 | 3/4 | 4.00 | 4.50 | 43 |
| 8 | 42 | 28 | 30 | 28 | 47 | 150 | 8 | 3/4 | 4.25 | 4.75 | 48 |
| 10 | 54 | 40 | 41 | 36 | 67 | 215 | 12 | 7/8 | 4.50 | 5.00 | 52 |
| 12 | 88 | 61 | 65 | 60 | 123 | 221 | 12 | 7/8 | 4.75 | 5.25 | 56 |
| 14 | 114 | 83 | 85 | 77 | 139 | 254 | 12 | 1 | 5.25 | 5.75 | 59 |
| 16 | 142 | 106 | 93 | 104 | 187 | 278 | 16 | 1 | 5.25 | 5.75 | 64 |
| 18 | 165 | 109 | 120 | 146 | 217 | 324 | 16 | 1 1/8 | 5.75 | 6.25 | 68 |
| 20 | 197 | 148 | 155 | 159 | 283 | 439 | 20 | 1 1/8 | 6.25 | 6.75 | 72 |
| 24 | 268 | 204 | 210 | 195 | 415 | | 20 | 1 1/4 | 6.75 | 7.25 | 76 |

ANSI Forged Flange Weights- 300 Pound

| NOMINAL PIPE SIZE | WELDING NECK | SLIP-ON | THREADED | LAP JOINT | BLIND | LONG NECK | NUMBER OF STUDS AND RING GASKETS | | | | |
|-------------------|--------------|---------|----------|-----------|-------|-----------|----------------------------------|-------|-------|---------|-------|
| | | | | | | | No. | D. | RF/L. | RT/J/L. | Ring# |
| 0.5 | 2 | 1.5 | 1.5 | 1.5 | 2 | ... | 4 | 1/2 | 2.50 | 3.00 | 11 |
| 0.75 | 3 | 2.5 | 2.5 | 2.5 | 3 | ... | 4 | 5/8 | 3.00 | 3.50 | 13 |
| 1 | 4 | 3 | 3 | 3 | 4 | 10 | 4 | 5/8 | 3.00 | 3.50 | 16 |
| 1.25 | 5 | 4.5 | 4.5 | 4.5 | 6 | 14 | 4 | 5/8 | 3.25 | 3.75 | 18 |
| 1.5 | 7 | 6.5 | 6.5 | 6.5 | 7 | 17 | 4 | 3/4 | 3.50 | 4.00 | 20 |
| 2 | 8 | 7 | 7 | 7 | 8 | 19 | 8 | 5/8 | 3.50 | 4.00 | 23 |
| 2.5 | 12 | 10 | 10 | 10 | 12 | 28 | 8 | 3/4 | 4.00 | 4.50 | 26 |
| 3 | 18 | 13 | 14 | 14.5 | 16 | 36 | 8 | 3/4 | 4.25 | 4.75 | 31 |
| 3.5 | 20 | 16 | 16 | 16 | 21 | 45 | 8 | 3/4 | 4.25 | 5.00 | 34 |
| 4 | 26.5 | 23.5 | 24 | 24 | 28 | 54 | 8 | 3/4 | 4.50 | 5.00 | 37 |
| 5 | 36 | 29 | 31 | 26 | 37 | 86 | 8 | 3/4 | 4.75 | 5.25 | 41 |
| 6 | 45 | 36 | 36 | 38 | 48 | 108 | 12 | 3/4 | 4.75 | 5.50 | 45 |
| 8 | 69 | 56 | 56 | 55 | 79 | 150 | 12 | 7/8 | 5.50 | 6.00 | 49 |
| 10 | 100 | 77 | 80 | 88 | 122 | 218 | 16 | 1 | 6.25 | 6.75 | 53 |
| 12 | 142 | 113 | 110 | 139 | 183 | 289 | 16 | 1 1/8 | 6.75 | 7.25 | 57 |
| 14 | 206 | 159 | 164 | 184 | 241 | 342 | 20 | 1 1/8 | 7.00 | 7.50 | 61 |
| 16 | 249 | 210 | 220 | 234 | 315 | 426 | 20 | 1 1/4 | 7.50 | 8.00 | 65 |
| 18 | 306 | 253 | 280 | 305 | 414 | 493 | 24 | 1 1/4 | 7.75 | 8.25 | 69 |
| 20 | 369 | 307 | 325 | 375 | 515 | 575 | 24 | 1 1/4 | 8.00 | 8.75 | 73 |
| 24 | 519 | 490 | 490 | 530 | 800 | 823 | 24 | 1 1/2 | 9.00 | 10.00 | 77 |



ANSI Forged Flange Weights- 600 Pound

| NOMINAL PIPE SIZE | WELDING NECK | SLIP-ON | THREADED | LAP JOINT | BLIND | LONG NECK | NUMBER OF STUDS AND RING GASKETS | | | | |
|-------------------|--------------|---------|----------|-----------|-------|-----------|----------------------------------|-------|-------|--------|-------|
| | | | | | | | No. | D. | RF/L. | RTJ/L. | Ring# |
| 0.5 | 3 | 2 | 2 | 2 | 2 | ... | 4 | 1/2 | 3.00 | 3.00 | 11 |
| 0.75 | 3.5 | 3 | 3 | 3 | 3 | ... | 4 | 5/8 | 3.50 | 3.50 | 13 |
| 1 | 4 | 3.5 | 3.5 | 3.5 | 4 | 11 | 4 | 5/8 | 3.50 | 3.50 | 16 |
| 1.25 | 5.5 | 4.5 | 4.5 | 4.5 | 6 | 14 | 4 | 5/8 | 3.75 | 3.75 | 18 |
| 1.5 | 8 | 6.5 | 6.5 | 6.5 | 8 | 17 | 4 | 3/4 | 4.25 | 4.25 | 20 |
| 2 | 10 | 8 | 8 | 8 | 10 | 21 | 8 | 5/8 | 4.25 | 4.25 | 23 |
| 2.5 | 14 | 12 | 12 | 11 | 15 | 29 | 8 | 3/4 | 4.75 | 4.75 | 26 |
| 3 | 18 | 15 | 15 | 14 | 20 | 38 | 8 | 3/4 | 5.00 | 5.00 | 31 |
| 3.5 | 26 | 21 | 21 | 20 | 29 | 48 | 8 | 7/8 | 5.50 | 5.50 | 34 |
| 4 | 37 | 33 | 33 | 31 | 41 | 80 | 8 | 7/8 | 5.75 | 5.75 | 37 |
| 5 | 68 | 63 | 63 | 63 | 68 | 128 | 8 | 1 | 6.50 | 6.50 | 41 |
| 6 | 73 | 80 | 80 | 78 | 86 | 158 | 12 | 1 | 6.75 | 6.75 | 45 |
| 8 | 112 | 97 | 97 | 112 | 139 | 215 | 12 | 1 1/8 | 7.50 | 7.75 | 49 |
| 10 | 189 | 177 | 177 | 195 | 231 | 324 | 16 | 1 1/4 | 8.50 | 8.50 | 53 |
| 12 | 226 | 215 | 215 | 240 | 295 | 500 | 20 | 1 1/4 | 8.75 | 8.75 | 57 |
| 14 | 347 | 259 | 259 | 290 | 378 | 417 | 20 | 1 3/8 | 9.25 | 9.25 | 61 |
| 16 | 481 | 366 | 366 | 400 | 527 | 564 | 20 | 1 1/2 | 10.00 | 10.00 | 65 |
| 18 | 555 | 476 | 476 | 469 | 665 | 654 | 20 | 1 5/8 | 10.75 | 10.75 | 69 |
| 20 | 690 | 612 | 312 | 604 | 855 | 840 | 24 | 1 5/8 | 11.25 | 11.50 | 73 |
| 24 | 977 | 876 | 876 | 866 | 1175 | 1100 | 24 | 1 7/8 | 13.00 | 13.25 | 77 |

ANSI Forged Flange Weights- 900 Pound

| NOMINAL PIPE SIZE | WELDING NECK | SLIP-ON | THREADED | LAP JOINT | BLIND | LONG NECK | NUMBER OF STUDS AND RING GASKETS | | | | |
|-------------------|--------------|---------|----------|-----------|-------|-----------|----------------------------------|-------|-------|--------|-------|
| | | | | | | | No. | D. | RF/L. | RTJ/L. | Ring# |
| 3 | 30.8 | 25.5 | 26.6 | 25.5 | 28.8 | 65 | 8 | 7/8 | 5.75 | 6 | 31 |
| 4 | 51.1 | 43.6 | 44 | 43.6 | 48.7 | 98 | 8 | 1 1/8 | 6.75 | 7 | 37 |
| 5 | 82 | 70.5 | 71 | 70.5 | 80 | 143 | 8 | 1 1/4 | 7.50 | 7.75 | 41 |
| 6 | 109 | 91 | 92 | 91 | 104 | 199 | 12 | 1 1/8 | 7.50 | 8 | 45 |
| 8 | 185 | 170 | 170 | 165 | 182 | 310 | 12 | 1 3/8 | 8.75 | 9 | 49 |

ANSI Flange Weights- 1500 Pound

| NOMINAL PIPE SIZE | WELDING NECK | SLIP-ON | THREADED | LAP JOINT | BLIND | LONG NECK | NUMBER OF STUDS AND RING GASKETS | | | | |
|-------------------|--------------|---------|----------|-----------|-------|-----------|----------------------------------|-------|-------|--------|-------|
| | | | | | | | No. | D. | RF/L. | RTJ/L. | Ring# |
| 0.5 | 4.2 | 3.7 | 3.7 | 3.7 | 3.9 | 15 | 4 | 3/4 | 4.25 | 4.50 | 12 |
| 0.75 | 5.7 | 5.1 | 5.3 | 5.1 | 5.3 | 15 | 4 | 3/4 | 4.50 | 4.75 | 14 |
| 1 | 8.4 | 7.5 | 7.7 | 7.5 | 7.9 | 15 | 4 | 1 2/5 | 5.00 | 5.25 | 16 |
| 1.25 | 9.7 | 8.6 | 8.8 | 8.6 | 9 | 18 | 4 | 1 2/5 | 5.00 | 5.25 | 18 |
| 1.5 | 13.4 | 11.9 | 12.1 | 11.9 | 12.8 | 23 | 4 | 1 | 5.50 | 5.75 | 20 |
| 2 | 24.4 | 21.6 | 22 | 21.6 | 22.2 | 44 | 8 | 7/8 | 5.75 | 6.00 | 24 |
| 2.5 | 34.1 | 30.2 | 30.6 | 30.2 | 30.8 | 72 | 8 | 1 | 6.25 | 6.50 | 27 |
| 3 | 44.9 | 39.6 | 39.9 | 39.6 | 42 | 84 | 8 | 1 1/8 | 7.00 | 7.25 | 35 |
| 4 | 67.2 | 61 | 62 | 61 | 66 | 118 | 8 | 1 1/4 | 7.75 | 8.00 | 39 |
| 5 | 128 | 114 | 114 | 114 | 128 | 195 | 8 | 1 1/2 | 9.75 | 10.00 | 44 |
| 6 | 154 | 134 | 134 | 134 | 158 | 235 | 12 | 1 3/8 | 10.25 | 10.75 | 46 |