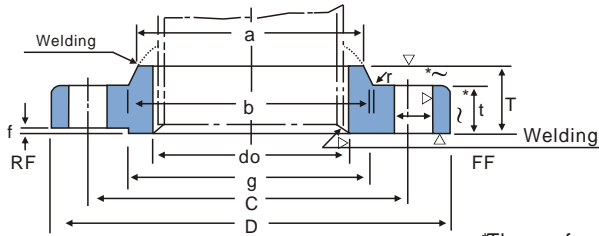
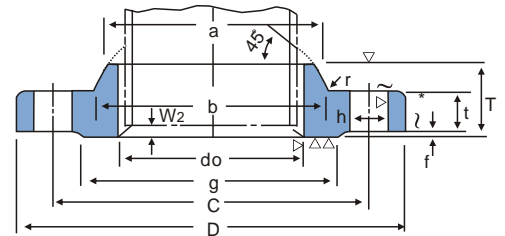


16K

NOMINAL SIZE 10-600mm



NOMINAL SIZE 650-1200mm



*The surface finish (-) is in the case of die forging .

Unit :mm

| Nominal Dia. of Flange | Outside Dia. of Steel Pipe | Inside Dia. of Flange do | Outside Dia. of Flange D | Sectional Dimensions of Flange | | | | | | | Dia. of Bolt | | | Nominal Bolt Size | Approx. Weigh (kg) |
|------------------------|----------------------------|--------------------------|--------------------------|--------------------------------|-----|-------------|------|----------|---|------|-------------------------|----------------------|-------------|-------------------|--------------------|
| | | | | t | T | Dia. of Hub | | Radius r | f | g | Bolt Circle Dia. C Dia. | Number of Bolt Holes | Hole Dia. h | | |
| | | | | | | a | b | | | | | | | | |
| 10 | 17.3 | 17.8 | 90 | 12 | 16 | 26 | 28 | 4 | 1 | 46 | 65 | 4 | 15 | M12 | 0.52 |
| 15 | 21.7 | 22.2 | 95 | 12 | 16 | 30 | 32 | 4 | 1 | 51 | 70 | 4 | 15 | M12 | 0.58 |
| 20 | 27.2 | 27.7 | 100 | 14 | 20 | 38 | 42 | 4 | 1 | 56 | 75 | 4 | 15 | M12 | 0.76 |
| 25 | 34.0 | 34.5 | 125 | 14 | 20 | 46 | 50 | 4 | 1 | 67 | 90 | 4 | 19 | M16 | 1.16 |
| 32 | 42.7 | 43.2 | 135 | 16 | 22 | 56 | 60 | 5 | 2 | 76 | 100 | 4 | 19 | M16 | 1.53 |
| 40 | 48.6 | 49.1 | 140 | 16 | 24 | 62 | 66 | 5 | 2 | 81 | 105 | 4 | 19 | M16 | 1.64 |
| 50 | 60.5 | 61.1 | 155 | 16 | 24 | 76 | 80 | 5 | 2 | 96 | 120 | 8 | 19 | M16 | 1.83 |
| 65 | 76.3 | 77.1 | 175 | 18 | 26 | 94 | 98 | 5 | 2 | 116 | 140 | 8 | 19 | M16 | 2.58 |
| 80 | 89.1 | 90.0 | 200 | 20 | 28 | 108 | 112 | 6 | 2 | 132 | 160 | 8 | 23 | M20 | 3.66 |
| (90) | 101.6 | 102.6 | 210 | 20 | 30 | 120 | 124 | 6 | 2 | 145 | 170 | 8 | 23 | M20 | 3.95 |
| 100 | 114.3 | 115.4 | 225 | 22 | 34 | 134 | 138 | 6 | 2 | 160 | 185 | 8 | 23 | M20 | 4.94 |
| 125 | 139.8 | 141.2 | 270 | 22 | 34 | 164 | 170 | 6 | 2 | 195 | 225 | 8 | 25 | M22 | 7.00 |
| 150 | 165.2 | 166.6 | 305 | 24 | 38 | 196 | 202 | 6 | 2 | 230 | 260 | 12 | 25 | M22 | 9.62 |
| 200 | 216.3 | 218.0 | 350 | 26 | 40 | 244 | 252 | 6 | 2 | 275 | 305 | 12 | 25 | M22 | 12.1 |
| 250 | 267.4 | 269.5 | 430 | 28 | 44 | 304 | 312 | 6 | 2 | 345 | 380 | 12 | 27 | M24 | 20.0 |
| 300 | 318.5 | 321.0 | 480 | 30 | 48 | 354 | 364 | 8 | 3 | 395 | 430 | 16 | 27 | M24 | 24.4 |
| 350 | 355.6 | 358.1 | 540 | 34 | 52 | 398 | 408 | 8 | 3 | 440 | 480 | 16 | 33 | M30 x 3 | 35.0 |
| 400 | 406.4 | 409.0 | 605 | 38 | 60 | 446 | 456 | 10 | 3 | 495 | 540 | 16 | 33 | M30 x 3 | 46.2 |
| 450 | 457.2 | 460.0 | 675 | 40 | 64 | 504 | 514 | 10 | 3 | 560 | 605 | 20 | 33 | M30 x 3 | 61.9 |
| 500 | 508.0 | 511.0 | 730 | 42 | 68 | 558 | 568 | 10 | 3 | 615 | 660 | 20 | 33 | M36 x 3 | 73.25 |
| (550) | 558.8 | 562.0 | 795 | 44 | 70 | 612 | 622 | 10 | 3 | 670 | 720 | 20 | 39 | M36 x 3 | 88.1 |
| 600 | 609.6 | 613.0 | 845 | 46 | 74 | 666 | 676 | 10 | 3 | 720 | 770 | 24 | 39 | M36 x 3 | 98.8 |
| (650) | 660.4 | 664 | 895 | 48 | 77 | 704 | 726 | 10 | 5 | 770 | 820 | 24 | 39 | M39 x 3 | 101 |
| 700 | 711.2 | 715 | 960 | 50 | 80 | 754 | 776 | 10 | 5 | 820 | 875 | 24 | 42 | M45 x 3 | 120 |
| (750) | 762.0 | 766 | 1020 | 52 | 83 | 806 | 832 | 10 | 5 | 880 | 935 | 24 | 42 | M45 x 3 | 141 |
| 800 | 812.8 | 817 | 1085 | 54 | 86 | 865 | 885 | 10 | 5 | 930 | 990 | 24 | 48 | M52 x 3 | 161 |
| (850) | 863.6 | 868 | 1135 | 56 | 89 | 916 | 936 | 10 | 5 | 980 | 1040 | 24 | 48 | M52 x 3 | 177 |
| 900 | 914.4 | 919 | 1185 | 58 | 93 | 968 | 986 | 10 | 5 | 1030 | 1090 | 28 | 48 | M52 x 3 | 191 |
| 1000 | 1016.0 | 1021 | 1320 | 62 | 99 | 1070 | 1098 | 12 | 5 | 1140 | 1210 | 28 | 56 | | 230 |
| (1100) | 1117.6 | 1123 | 1420 | 66 | 105 | 1180 | 1200 | 12 | 5 | 1240 | 1310 | 32 | 56 | | 289 |
| 1200 | 1219.2 | 1225 | 1530 | 70 | 112 | 1282 | 1302 | 12 | 5 | 1350 | 1420 | 32 | 56 | | 348 |

- (1) Flanges of parenthesized nominal diameter had better not be used.
- (2) The facing of flanges shall conform to KS B1519(JIS B2202)1984.
- (3) The dimension of flange of 650A and larger in nominal sizes excluding 850A, are in accordance with the nominal pressure 25 BAR specified in IS2084-1974.