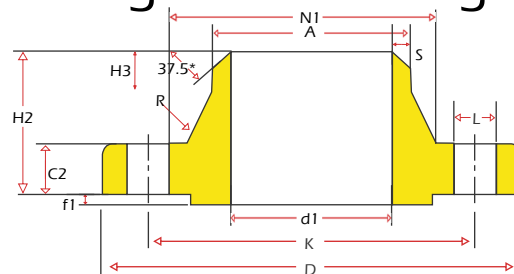
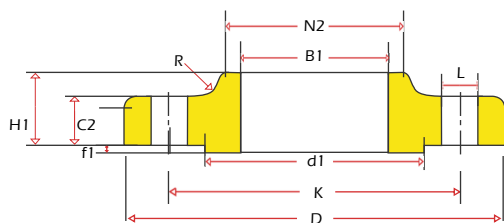


Forged Steel Flanges

Carbon Steel • Stainless Steel • Special Alloys



25 BAR Acc. to EN 1092-1

TYPE 12
SLIP-ON FLANGES

TYPE 11
WELD NECK FLANGES

TYPE 05
BLIND FLANGES

| Nominal Pipe Size | Outside Diameter | Pitch Circle Diameter | Size of Bolts | No. of Holes | Flange Thickness | | Length of Flanges | | | Corner Radius | Outside Diameter of Neck | Neck Diameter | Diameter of Shoulder | Raised Face Thickness | Neck Thickness | | | |
|-------------------|------------------|-----------------------|---------------|--------------|------------------|----|-------------------|-------------|----|---------------|--------------------------|---------------|----------------------|-----------------------|----------------|----|------|---|
| | | | | | 11 & 12 | 05 | 11, 12 & 05 | Flange Type | | | | | | | | | | |
| | | | | | | | | H1 | H2 | | | | | | | H3 | R | A |
| C2 | C4 | H1 | H2 | H3 | R | A | N1 | N2 | d1 | G | f1 | S | | | | | | |
| 15 | 95 | 65 | M12 | 4 | 16 | 16 | 22 | 38 | 6 | 4 | 21.3 | 32 | 35 | 45 | - | 2 | 2.0 | |
| 20 | 105 | 75 | M12 | 4 | 18 | 18 | 24 | 40 | 6 | 4 | 26.9 | 40 | 45 | 58 | - | 2 | 2.3 | |
| 25 | 115 | 85 | M12 | 4 | 18 | 18 | 26 | 40 | 6 | 4 | 33.7 | 46 | 52 | 68 | - | 2 | 2.6 | |
| 32 | 140 | 100 | M16 | 4 | 18 | 18 | 30 | 42 | 6 | 6 | 42.4 | 56 | 60 | 78 | - | 2 | 2.6 | |
| 40 | 150 | 110 | M16 | 4 | 18 | 18 | 32 | 45 | 7 | 6 | 48.3 | 64 | 70 | 88 | - | 2 | 2.6 | |
| 50 | 165 | 125 | M16 | 4 | 20 | 20 | 34 | 48 | 8 | 6 | 60.3 | 75 | 84 | 102 | - | 2 | 2.9 | |
| 65 | 185 | 145 | M16 | 8 | 22 | 22 | 38 | 52 | 10 | 6 | *76.1 | 90 | 104 | 122 | 55 | 2 | 2.9 | |
| 80 | 200 | 160 | M16 | 8 | 24 | 24 | 40 | 58 | 12 | 8 | 88.9 | 105 | 118 | 138 | 70 | 2 | 3.2 | |
| 100 | 235 | 190 | M20 | 8 | 24 | 24 | 44 | 65 | 12 | 8 | 114.3 | 134 | 145 | 162 | 90 | 2 | 3.6 | |
| 125 | 270 | 220 | M24 | 8 | 26 | 26 | 48 | 68 | 12 | 10 | *139.7 | 162 | 170 | 188 | 115 | 2 | 4.2 | |
| 150 | 300 | 250 | M24 | 8 | 28 | 28 | 52 | 75 | 12 | 10 | *168.3 | 192 | 200 | 218 | 140 | 2 | 4.5 | |
| 200 | 360 | 310 | M24 | 8 | 30 | 30 | 52 | 80 | 16 | 10 | 219.1 | 244 | 256 | 278 | 190 | 2 | 6.3 | |
| 250 | 425 | 370 | M27 | 12 | 32 | 32 | 60 | 88 | 18 | 12 | 273.0 | 298 | 310 | 335 | 235 | 2 | 7.1 | |
| 300 | 485 | 430 | M27 | 16 | 34 | 34 | 67 | 92 | 18 | 12 | 323.9 | 352 | 364 | 395 | 285 | 2 | 8.0 | |
| 350 | 555 | 490 | M30 | 16 | 38 | 38 | 72 | 100 | 20 | 12 | 355.6 | 398 | 418 | 450 | 332 | 2 | 8.0 | |
| 400 | 620 | 550 | M33 | 16 | 40 | 40 | 78 | 110 | 20 | 12 | 406.4 | 452 | 472 | 505 | 380 | 2 | 8.8 | |
| 450 | 670 | 600 | M33 | 20 | 46 | 46 | 84 | 110 | 20 | 12 | 457.0 | 500 | 520 | 555 | 425 | 2 | 8.8 | |
| 500 | 730 | 660 | M33 | 20 | 48 | 48 | 90 | 125 | 20 | 12 | 508.0 | 558 | 580 | 615 | 475 | 2 | 10.0 | |
| 600 | 845 | 770 | M36 | 20 | 58 | - | 100 | 125 | 20 | 12 | 610.0 | 660 | 684 | 720 | 575 | 2 | 11.0 | |
| 700 | 960 | 875 | M39 | 24 | 46 | - | - | 125 | 20 | 12 | 711.0 | 760 | - | 820 | - | 2 | 12.5 | |
| 800 | 1085 | 990 | M45 | 24 | 50 | - | - | 135 | 22 | 12 | 813.0 | 864 | - | 930 | - | 2 | 14.2 | |
| 900 | 1185 | 1090 | M45 | 28 | 54 | - | - | 145 | 24 | 12 | 914.0 | 968 | - | 1030 | - | 2 | 16.0 | |
| 1000 | 1320 | 1210 | M52 | 28 | 58 | - | - | 155 | 24 | 16 | 1016.0 | 1070 | - | 1140 | - | 2 | 17.5 | |

*All dimensions in mm.

* All weights indicated are approximate.

Other sizes available on request.

* The OD of the neck is suitable for ASTM A106 Piping

* For BS Standards Piping dimensions shall be 65mm = 76.1mm, 125mm = 139.7mm, 150mm = 168.3mm

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