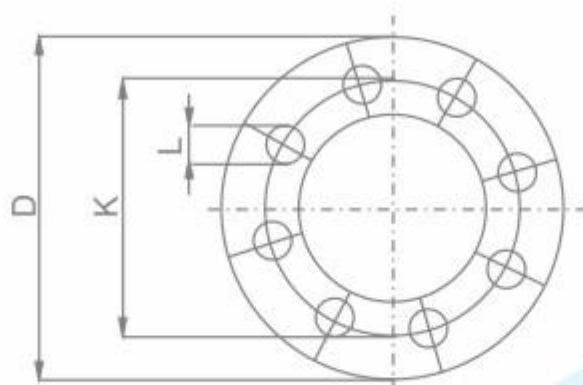


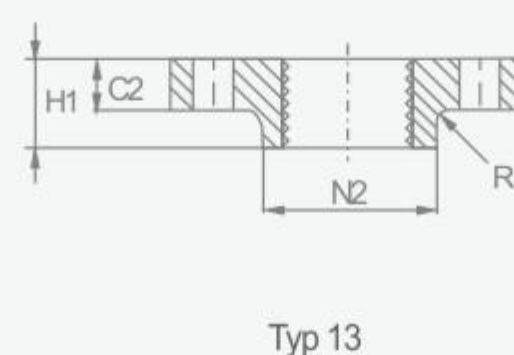
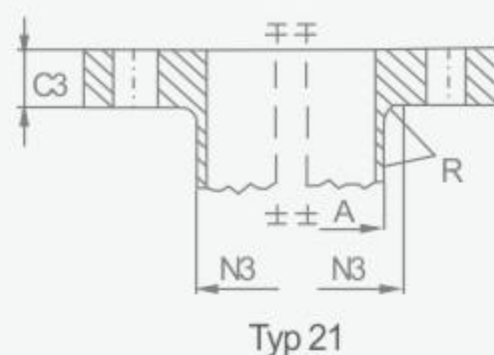
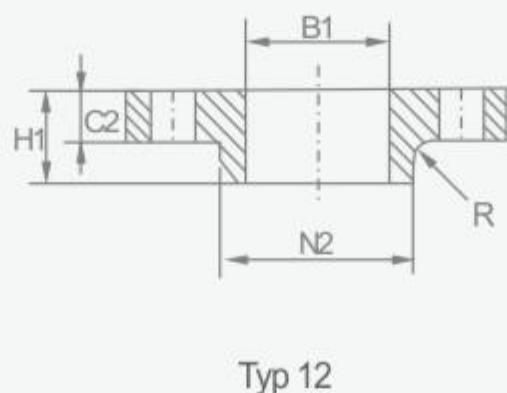
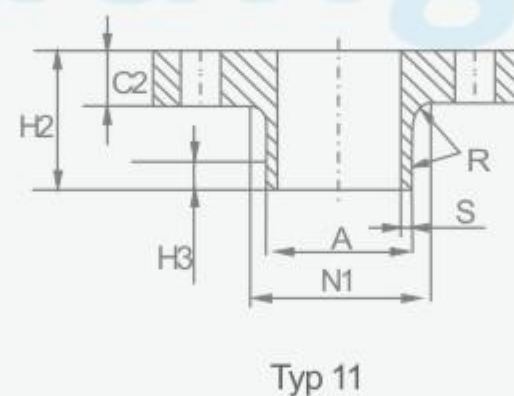
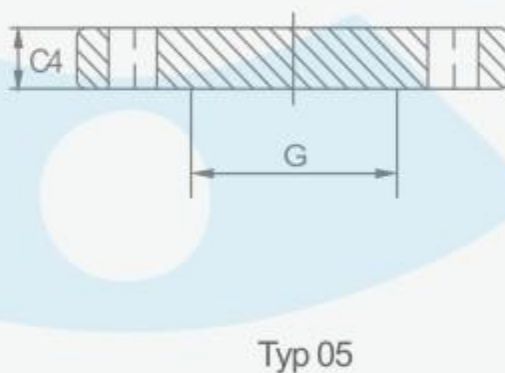
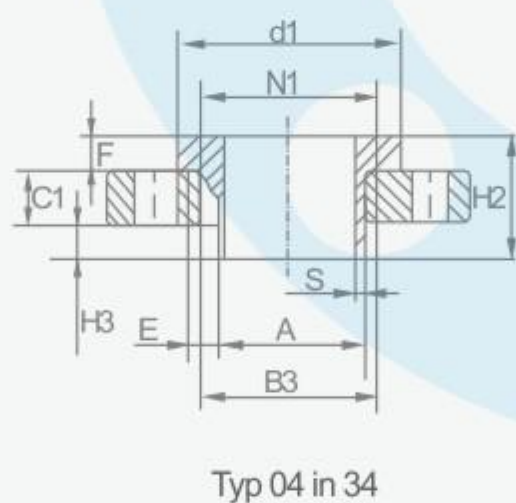
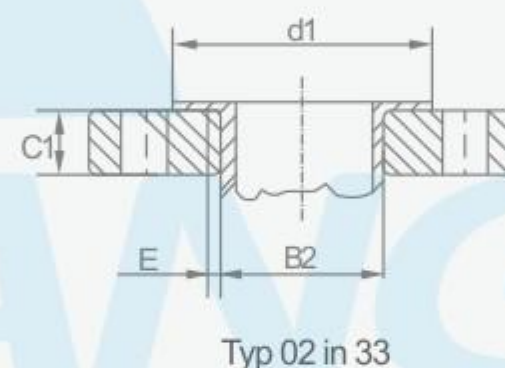
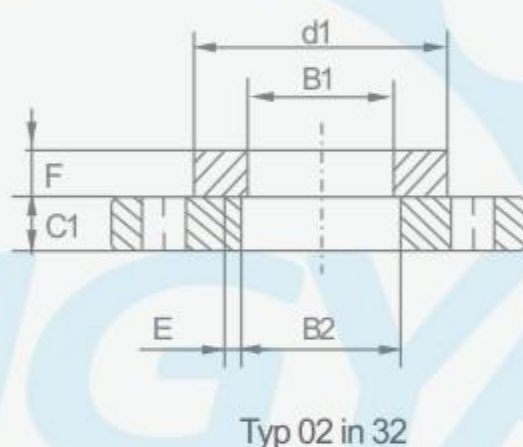
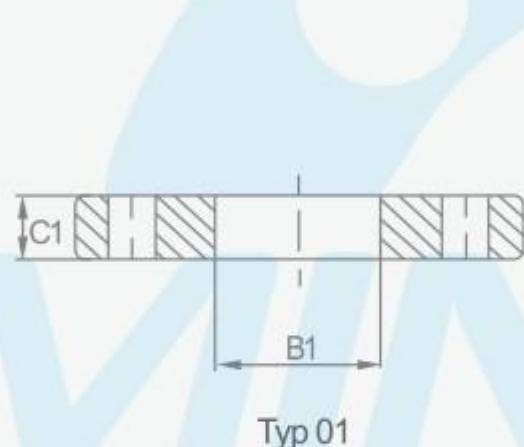
## BS FLANGE 英标法兰

### BS EN1092-1



#### Dimensions of PN 16 Flanges EN 1092-1

Na risbi narisano stevilo luken prikazuje le razpored le the Po delilnem krogu. Dejansko stevilo luken je razvidno iz tabele.



NOTE 1: Dimensions N1, N2 and N3 are measured at the intersection of the hub draft angle and the back face of the flange.

NOTE 2: For d1 dimensions see document "Flange facing according to EN 1092-1".





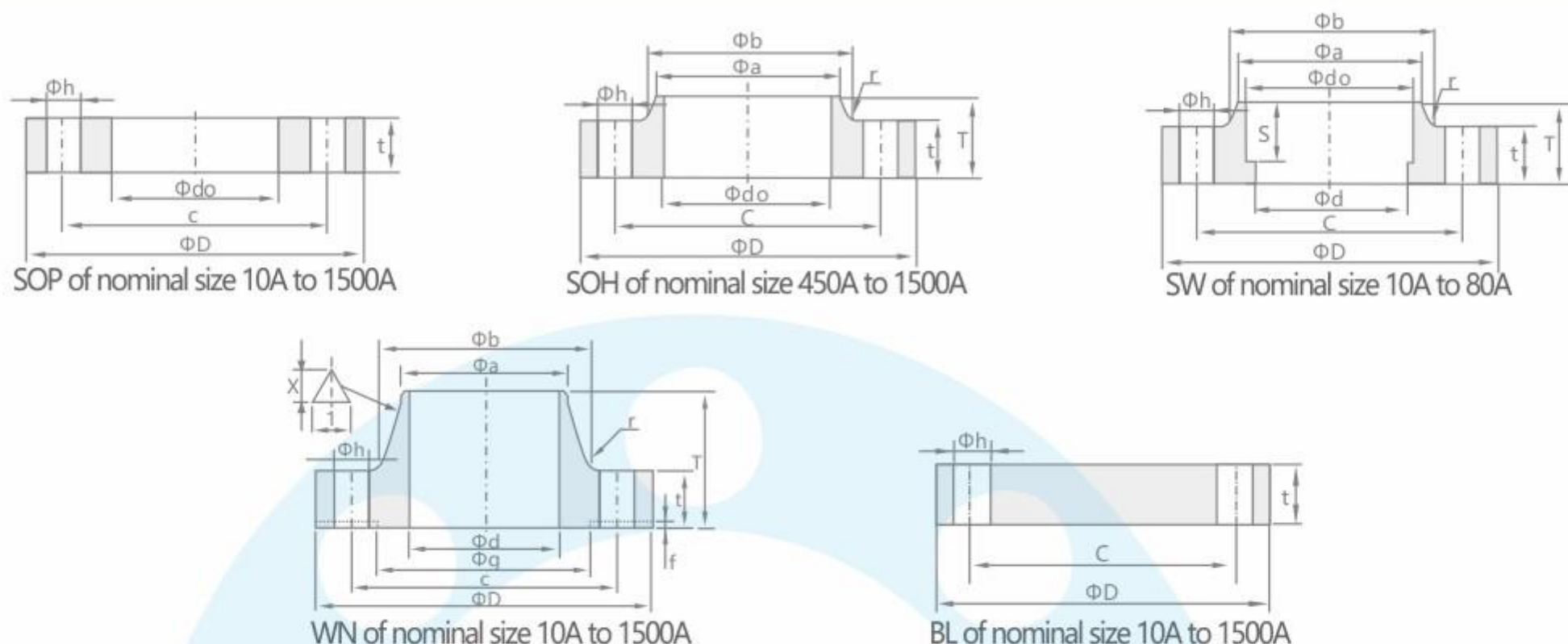
## BS FLANGE 英标法兰 /PN 16

### DIMENSIONS IN MM

| Nominal diameter DN | Mating Dimensions |                         |                       |         |                | Outside Diameter Of Neck | Bore Diameters |     |                | Flange Thickness |    |    |          | Chamfer  | Collar Thickness | Diameter Of Shoulders | Length   |          |          | Neck Diameters |      |                      | Comer Radius | Neck Thickness (preferred Value) |   |
|---------------------|-------------------|-------------------------|-----------------------|---------|----------------|--------------------------|----------------|-----|----------------|------------------|----|----|----------|----------|------------------|-----------------------|----------|----------|----------|----------------|------|----------------------|--------------|----------------------------------|---|
|                     | Outside Diameter  | Diameter Of Bolt Circle | Diameter Of Bolt Hole | Bolting |                |                          |                |     |                |                  |    |    |          |          |                  |                       |          |          |          |                |      |                      |              |                                  |   |
|                     |                   |                         |                       |         |                |                          |                |     |                |                  |    |    |          |          |                  |                       |          |          |          |                |      |                      |              |                                  |   |
|                     |                   |                         |                       |         |                |                          |                |     |                |                  |    |    |          |          |                  |                       |          |          |          |                |      |                      |              |                                  |   |
|                     |                   |                         |                       |         |                |                          |                |     |                |                  |    |    |          |          |                  |                       |          |          |          |                |      |                      |              |                                  | D |
| Flange Type         |                   |                         |                       |         |                |                          |                |     |                |                  |    |    |          |          |                  |                       |          |          |          |                |      |                      |              |                                  |   |
| 01,02,05,11,12,21   |                   |                         |                       |         | 11<br>21<br>34 | 01<br>12<br>32           | 02             | 04  | 01<br>02<br>04 | 11<br>12<br>13   | 21 | 05 | 02<br>04 | 32<br>34 | 05               | 12<br>13              | 11<br>34 | 11<br>34 | 11<br>34 | 12<br>13       | 21   | 11<br>12<br>13<br>21 | 11<br>34     |                                  |   |
| 10                  | 90                | 60                      | 14                    | 4       | M12            | 17.2                     | 18.0           | 21  | 31             | 14               | 16 | 16 | 16       | 3        | 12               | -                     | 22       | 35       | 6        | 28             | 30   | 28                   | 4            | 1.8                              |   |
| 15                  | 95                | 65                      | 14                    | 4       | M12            | 21.3                     | 22.0           | 25  | 35             | 14               | 16 | 16 | 16       | 3        | 12               | -                     | 22       | 38       | 6        | 32             | 35   | 32                   | 4            | 2.0                              |   |
| 20                  | 105               | 75                      | 14                    | 4       | M12            | 26.9                     | 27.5           | 31  | 42             | 16               | 18 | 18 | 18       | 4        | 14               | -                     | 26       | 40       | 6        | 40             | 45   | 40                   | 4            | 2.3                              |   |
| 25                  | 115               | 85                      | 14                    | 4       | M12            | 33.7                     | 34.5           | 38  | 49             | 16               | 18 | 18 | 18       | 4        | 14               | -                     | 28       | 40       | 6        | 46             | 52   | 52                   | 4            | 2.6                              |   |
| 32                  | 140               | 100                     | 18                    | 4       | M16            | 42.4                     | 43.5           | 47  | 59             | 18               | 18 | 18 | 18       | 5        | 14               | -                     | 30       | 42       | 6        | 56             | 60   | 60                   | 6            | 2.6                              |   |
| 40                  | 150               | 110                     | 18                    | 4       | M16            | 48.3                     | 49.5           | 53  | 67             | 18               | 18 | 18 | 18       | 5        | 14               | -                     | 32       | 45       | 7        | 64             | 70   | 70                   | 6            | 2.6                              |   |
| 50                  | 165               | 125                     | 18                    | 4       | M16            | 60.3                     | 61.5           | 65  | 77             | 19               | 18 | 18 | 18       | 5        | 16               | -                     | 28       | 45       | 8        | 74             | 84   | 84                   | 5            | 2.9                              |   |
| 65                  | 185               | 145                     | 18                    | **      | M16            | 76.1                     | 77.5           | 81  | 96             | 20               | 18 | 18 | 18       | 6        | 16               | 55                    | 32       | 45       | 10       | 92             | 104  | 104                  | 6            | 2.9                              |   |
| 80                  | 200               | 160                     | 18                    | 8       | M16            | 88.9                     | 90.5           | 94  | 108            | 20               | 20 | 20 | 20       | 6        | 16               | 70                    | 34       | 50       | 10       | 105            | 118  | 120                  | 6            | 3.2                              |   |
| 100                 | 220               | 180                     | 18                    | 8       | M16            | 114.3                    | 116.0          | 120 | 134            | 22               | 20 | 20 | 20       | 6        | 18               | 90                    | 40       | 52       | 12       | 131            | 140  | 140                  | 8            | 3.6                              |   |
| 125                 | 250               | 210                     | 18                    | 8       | M16            | 139.7                    | 141.5          | 145 | 162            | 22               | 22 | 22 | 22       | 6        | 18               | 115                   | 44       | 55       | 12       | 156            | 168  | 170                  | 8            | 4.0                              |   |
| 150                 | 285               | 240                     | 22                    | 8       | M20            | 168.3                    | 170.5          | 174 | 188            | 24               | 22 | 22 | 22       | 6        | 20               | 140                   | 44       | 55       | 12       | 184            | 195  | 190                  | 10           | 4.5                              |   |
| 200                 | 340               | 295                     | 22                    | 12      | M20            | 219.1                    | 221.5          | 226 | 240            | 26               | 24 | 24 | 24       | 6        | 20               | 190                   | 44       | 62       | 16       | 235            | 246  | 246                  | 10           | 5.9                              |   |
| 250                 | 405               | 355                     | 26                    | 12      | M24            | 273.0                    | 276.5          | 281 | 294            | 29               | 26 | 26 | 26       | 8        | 22               | 235                   | 46       | 70       | 16       | 292            | 298  | 296                  | 12           | 6.3                              |   |
| 300                 | 460               | 410                     | 26                    | 12      | M24            | 323.9                    | 327.5          | 333 | 348            | 32               | 28 | 28 | 28       | 8        | 24               | 285                   | 46       | 78       | 16       | 344            | 350  | 350                  | 12           | 7.1                              |   |
| 350                 | 520               | 470                     | 26                    | 16      | M24            | 355.6                    | 359.0          | 365 | 400            | 35               | 30 | 30 | 30       | 8        | 26               | 330                   | 57       | 82       | 16       | 390            | 400  | 410                  | 12           | 8.0                              |   |
| 400                 | 580               | 525                     | 30                    | 16      | M27            | 406.4                    | 411.0          | 416 | 454            | 38               | 32 | 32 | 32       | 8        | 28               | 380                   | 63       | 85       | 16       | 445            | 456  | 458                  | 12           | 8.0                              |   |
| 450                 | 640               | 585                     | 30                    | 20      | M27            | 457.0                    | 462.0          | 467 | 500            | 42               | 40 | 40 | 40       | 8        | 30               | 425                   | 68       | 87       | 16       | 490            | 502  | 516                  | 12           | 8.0                              |   |
| 500                 | 715               | 650                     | 33                    | 20      | M30            | 508.0                    | 513.5          | 510 | 556            | 46               | 44 | 44 | 44       | 8        | 32               | 475                   | 73       | 90       | 16       | 548            | 559  | 576                  | 12           | 8.0                              |   |
| 600                 | 840               | 770                     | 36                    | 20      | M33            | 610.0                    | 616.5          | 622 | 660            | 52               | 54 | 54 | 54       | 8        | 32               | 575                   | 83       | 95       | 18       | 652            | 658  | 690                  | 12           | 8.8                              |   |
| 700                 | 910               | 840                     | 36                    | 24      | M33            | 711.0                    | -              | -   | -              | -                | 36 | 42 | 48       | -        | -                | 670                   | 83       | 100      | 18       | 755            | 760  | 760                  | 12           | 8.8                              |   |
| 800                 | 1025              | 950                     | 39                    | 24      | M36            | 813.0                    | -              | -   | -              | -                | 38 | 42 | 52       | -        | -                | 770                   | 90       | 105      | 20       | 855            | 864  | 862                  | 12           | 10.0                             |   |
| 900                 | 1125              | 1050                    | 39                    | 28      | M36            | 914.0                    | -              | -   | -              | -                | 40 | 44 | 58       | -        | -                | 860                   | 94       | 110      | 20       | 955            | 968  | 962                  | 12           | 10.0                             |   |
| 1000                | 1255              | 1170                    | 42                    | 28      | M39            | 1016.0                   | -              | -   | -              | -                | 42 | 46 | 64       | -        | -                | 960                   | 100      | 120      | 22       | 1058           | 1072 | 1076                 | 16           | 10.0                             |   |
| 1200                | 1485              | 1390                    | 48                    | 32      | M45            | 1219.0                   | -              | -   | -              | -                | 48 | 52 | 76       | -        | -                | 1160                  | -        | 130      | 30       | 1262           | -    | 1282                 | 16           | 12.5                             |   |
| 1400                | 1685              | 1590                    | 48                    | 36      | M45            | 1422.0                   | -              | -   | -              | -                | 52 | 58 | -        | -        | -                | 1346                  | -        | 145      | 30       | 1465           | -    | 1482                 | 16           | 14.2                             |   |
| 1600                | 1930              | 1820                    | 56                    | 40      | M52            | 1626.0                   | -              | -   | -              | -                | 58 | 64 | -        | -        | -                | 1546                  | -        | 160      | 35       | 1668           | -    | 1696                 | 16           | 16.0                             |   |
| 1800                | 2130              | 2020                    | 56                    | 44      | M52            | 1829.0                   | -              | -   | -              | -                | 62 | 68 | -        | -        | -                | 1746                  | -        | 170      | 35       | 1870           | -    | 1896                 | 16           | 17.5                             |   |
| 2000                | 2345              | 2230                    | 62                    | 48      | M56            | 2032.0                   | -              | -   | -              | -                | 66 | 70 | -        | -        | -                | 1950                  | -        | 180      | 40       | 2072           | -    | 2100                 | 16           | 20.0                             |   |



# JIS FLANGE 日标法兰 / 5K



JIS B2220-2012

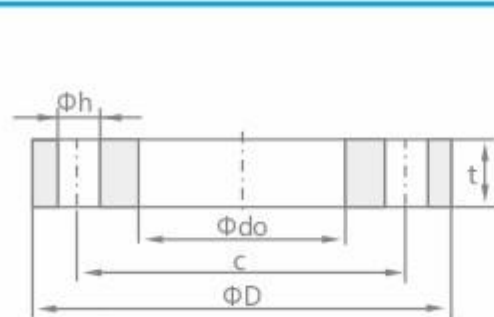
(mm)

| 口径   | 法兰<br>外径 | 法兰内径          |        | 法兰厚度             |    | 法兰高度      |     | 颈小端       |        | 颈大端       |      | 深度 | 密封面 |      | 连接尺寸 |    |    |
|------|----------|---------------|--------|------------------|----|-----------|-----|-----------|--------|-----------|------|----|-----|------|------|----|----|
|      |          | SOP<br>SOH,SW | SW,WN  | Except<br>for BL | BL | SOH<br>SW | WN  | SOH<br>SW | WN     | SOH<br>SW | WN   | SW | 高度  | 直径   | 孔中距  | 数量 | 孔径 |
| A    | D        | do            | d      | t                | t  | T         | T   | a         | a      | b         | b    | S  | f   | g    | c    | n  | h  |
| 10   | 75       | 17.8          | 12.7   | 9                | 9  | 13        | 24  | 23        | 17.3   | 26        | 26   | 10 | 1   | 39   | 55   | 4  | 12 |
| 15   | 80       | 22.2          | 16.1   | 9                | 9  | 13        | 25  | 27        | 21.7   | 30        | 31   | 10 | 1   | 44   | 60   | 4  | 12 |
| 20   | 85       | 27.7          | 21.6   | 10               | 10 | 15        | 28  | 33        | 27.2   | 36        | 38   | 13 | 1   | 49   | 65   | 4  | 12 |
| 25   | 95       | 34.5          | 27.6   | 10               | 10 | 17        | 30  | 41        | 34.0   | 44        | 46   | 13 | 1   | 59   | 75   | 4  | 12 |
| 32   | 115      | 43.2          | 35.7   | 12               | 12 | 19        | 33  | 50        | 42.7   | 53        | 55   | 13 | 2   | 70   | 90   | 4  | 15 |
| 40   | 120      | 49.1          | 41.6   | 12               | 12 | 20        | 34  | 56        | 48.6   | 60        | 62   | 13 | 2   | 75   | 95   | 4  | 15 |
| 50   | 130      | 61.1          | 52.9   | 14               | 14 | 24        | 36  | 69        | 60.5   | 73        | 73   | 16 | 2   | 85   | 105  | 4  | 15 |
| 65   | 155      | 77.1          | 67.9   | 14               | 14 | 27        | 39  | 86        | 76.3   | 91        | 91   | 16 | 2   | 110  | 130  | 4  | 15 |
| 80   | 180      | 90.0          | 80.7   | 14               | 14 | 30        | 41  | 99        | 89.1   | 105       | 105  | 16 | 2   | 121  | 145  | 4  | 19 |
| 90   | 190      | 102.6         | 93.2   | 14               | 14 | -         | 41  | -         | 101.6  | -         | 117  | -  | 2   | 131  | 155  | 4  | 19 |
| 100  | 200      | 115.4         | 105.3  | 16               | 16 | 36        | 41  | 127       | 114.3  | 130       | 128  | -  | 2   | 141  | 165  | 8  | 19 |
| 125  | 235      | 141.2         | 130.8  | 16               | 16 | 40        | 43  | 154       | 139.8  | 161       | 156  | -  | 2   | 176  | 200  | 8  | 19 |
| 150  | 265      | 166.6         | 155.2  | 18               | 18 | 40        | 49  | 182       | 165.2  | 189       | 184  | -  | 2   | 206  | 230  | 8  | 19 |
| 175  | 300      | 192.1         | 180.1  | 18               | 18 | -         | 49  | -         | 190.7  | -         | 209  | -  | 2   | 232  | 260  | 8  | 23 |
| 200  | 320      | 218.0         | 204.7  | 20               | 20 | -         | 53  | -         | 216.3  | -         | 235  | -  | 2   | 252  | 280  | 8  | 23 |
| 225  | 345      | 243.7         | 229.4  | 20               | 20 | -         | 54  | -         | 241.8  | -         | 261  | -  | 2   | 277  | 305  | 12 | 23 |
| 250  | 385      | 269.5         | 254.2  | 22               | 22 | -         | 61  | -         | 267.4  | -         | 290  | -  | 2   | 317  | 345  | 12 | 23 |
| 300  | 430      | 321.0         | 304.7  | 22               | 22 | -         | 62  | -         | 318.5  | -         | 342  | -  | 3   | 360  | 390  | 12 | 23 |
| 350  | 480      | 358.1         | 339.8  | 24               | 24 | -         | 73  | -         | 355.6  | -         | 385  | -  | 3   | 403  | 435  | 12 | 25 |
| 400  | 540      | 409.0         | 390.6  | 24               | 24 | -         | 76  | -         | 406.4  | -         | 438  | -  | 3   | 463  | 495  | 16 | 25 |
| 450  | 605      | 460.0         | 441.4  | 24               | 24 | 40        | 79  | 495       | 457.2  | 500       | 491  | -  | 3   | 523  | 555  | 16 | 25 |
| 500  | 655      | 511.0         | 492.2  | 24               | 24 | 40        | 79  | 546       | 508.0  | 552       | 541  | -  | 3   | 573  | 605  | 20 | 25 |
| 550  | 720      | 562.0         | 543.0  | 26               | 26 | 42        | 81  | 597       | 558.8  | 603       | 593  | -  | 3   | 630  | 665  | 20 | 27 |
| 600  | 770      | 613.0         | 593.8  | 26               | 26 | 44        | 81  | 648       | 609.6  | 654       | 643  | -  | 3   | 680  | 715  | 20 | 27 |
| 650  | 825      | 664.0         | 644.6  | 26               | 28 | 48        | 85  | 702       | 660.4  | 708       | 698  | -  | 3   | 735  | 770  | 24 | 27 |
| 700  | 875      | 715.0         | 695.4  | 26               | 30 | 48        | 94  | 751       | 711.2  | 758       | 748  | -  | 3   | 785  | 820  | 24 | 27 |
| 750  | 945      | 766.0         | 746.2  | 28               | 32 | 52        | 100 | 802       | 762.0  | 810       | 802  | -  | 3   | 840  | 880  | 24 | 33 |
| 800  | 995      | 817.0         | 797.0  | 28               | 34 | 52        | 100 | 854       | 812.8  | 862       | 852  | -  | 3   | 890  | 930  | 24 | 33 |
| 850  | 1045     | 868.0         | 847.8  | 28               | 36 | 54        | 108 | 904       | 863.6  | 912       | 902  | -  | 3   | 940  | 980  | 24 | 33 |
| 900  | 1095     | 919.0         | 898.6  | 30               | 36 | 56        | 108 | 956       | 914.4  | 964       | 952  | -  | 3   | 990  | 1030 | 24 | 33 |
| 1000 | 1195     | 1021.0        | 1000.2 | 32               | 40 | 60        | 116 | 1058      | 1016.0 | 1066      | 1052 | -  | 3   | 1090 | 1130 | 28 | 33 |
| 1100 | 1305     | 1122.0        | 1098.6 | 32               | 44 | 71        | 136 | 1158      | 1117.6 | 1170      | 1162 | -  | 3   | 1200 | 1240 | 28 | 33 |
| 1200 | 1420     | 1224.0        | 1200.2 | 34               | 48 | 77        | 155 | 1260      | 1219.2 | 1272      | 1272 | -  | 3   | 1305 | 1350 | 32 | 33 |
| 1350 | 1575     | 1376.0        | 1346.2 | 34               | 54 | 80        | 164 | 1414      | 1371.6 | 1426      | 1472 | -  | 3   | 1460 | 1505 | 32 | 33 |
| 1500 | 1730     | 1529.0        | 1498.6 | 36               | 58 | 86        | 172 | 1568      | 1524.0 | 1580      | 1582 | -  | 3   | 1615 | 1660 | 36 | 33 |

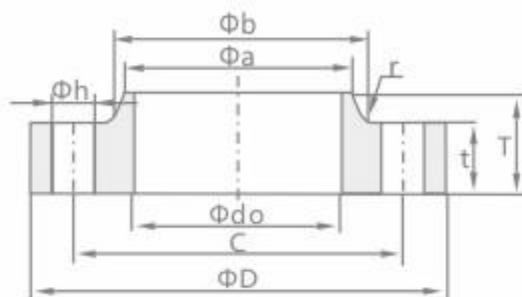
备注: (1) 法兰的端面应符合 JIS B2202-2004 (2) 根据连接钢管的内径进行调整 (3) 带法兰, 此尺寸供参考 (4) 此值可四舍五入, 尺寸c为半径 (5) 该尺寸可根据有关各方之间的协议来确定



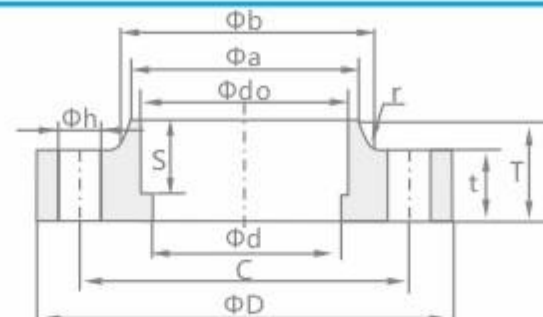
**JIS**  
**FLANGE** 日标法兰 / 10K



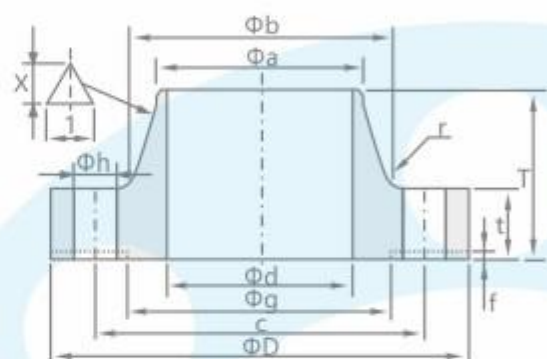
SOP of nominal size 10A to 1500A



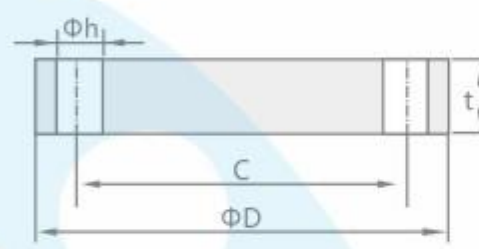
SOH of nominal size 250A to 1500A



SW of nominal size 10A to 80A



WN of nominal size 10A to 1500A



BL of nominal size 10A to 1500A

JIS B2220-2012

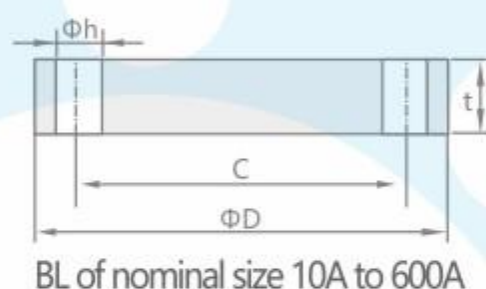
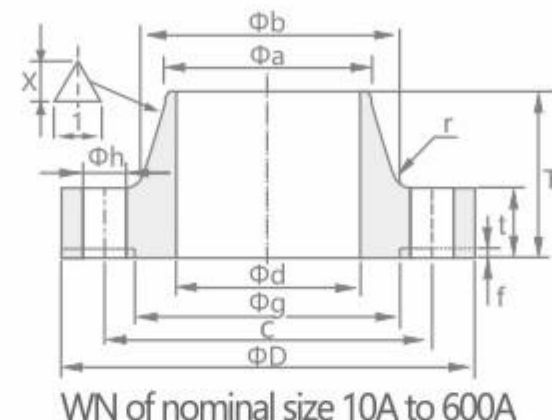
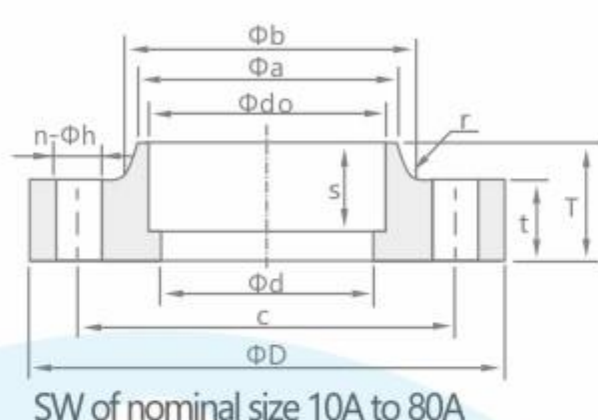
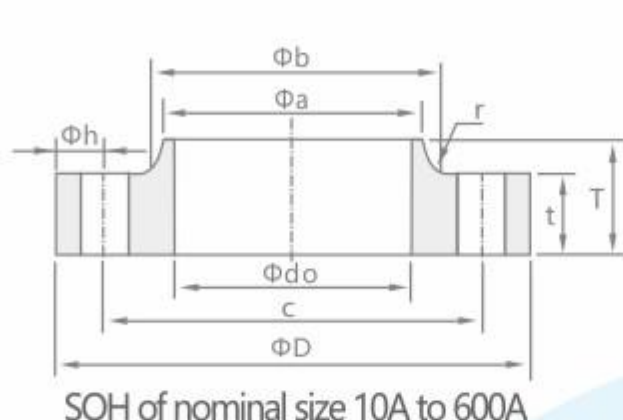
(mm)

| 口径   | 法兰<br>外径 | 法兰内径          |        | 法兰厚度             |    | 法兰高度      |     | 颈小端       |        | 颈大端       |      | 深度 | 密封面 |      | 连接尺寸 |    |    |
|------|----------|---------------|--------|------------------|----|-----------|-----|-----------|--------|-----------|------|----|-----|------|------|----|----|
|      |          | SOP<br>SOH,SW | SW,WN  | Except<br>for BL | BL | SOH<br>SW | WN  | SOH<br>SW | WN     | SOH<br>SW | WN   | SW | 高度  | 直径   | 孔中距  | 数量 | 孔径 |
| A    | D        | do            | d      | t                | t  | T         | T   | a         | a      | b         | b    | S  | f   | g    | c    | n  | h  |
| 10   | 90       | 17.8          | 12.7   | 12               | 12 | 16        | 29  | 23        | 17.3   | 26        | 28   | 10 | 1   | 46   | 65   | 4  | 15 |
| 15   | 95       | 22.2          | 16.1   | 12               | 12 | 16        | 31  | 27        | 21.7   | 30        | 33   | 10 | 1   | 51   | 70   | 4  | 15 |
| 20   | 100      | 27.7          | 21.6   | 14               | 14 | 20        | 32  | 33        | 27.2   | 36        | 38   | 13 | 1   | 56   | 75   | 4  | 15 |
| 25   | 125      | 34.5          | 27.6   | 14               | 14 | 20        | 36  | 41        | 34.0   | 44        | 47   | 13 | 1   | 67   | 90   | 4  | 19 |
| 32   | 135      | 43.2          | 35.7   | 16               | 16 | 22        | 38  | 50        | 42.7   | 53        | 56   | 13 | 2   | 76   | 100  | 4  | 19 |
| 40   | 140      | 49.1          | 41.6   | 16               | 16 | 24        | 38  | 56        | 48.6   | 60        | 62   | 13 | 2   | 81   | 105  | 4  | 19 |
| 50   | 155      | 61.1          | 52.9   | 16               | 16 | 24        | 40  | 69        | 60.5   | 73        | 75   | 16 | 2   | 96   | 120  | 4  | 19 |
| 65   | 175      | 77.1          | 67.9   | 18               | 18 | 27        | 44  | 86        | 76.3   | 91        | 92   | 16 | 2   | 116  | 140  | 4  | 19 |
| 80   | 185      | 90.0          | 80.7   | 18               | 18 | 30        | 45  | 99        | 89.1   | 105       | 105  | 16 | 2   | 126  | 150  | 8  | 19 |
| 90   | 195      | 102.6         | 93.2   | 18               | 18 | -         | 45  | -         | 101.6  | -         | 117  | -  | 2   | 136  | 160  | 8  | 19 |
| 100  | 210      | 115.4         | 105.3  | 18               | 18 | 36        | 45  | 127       | 114.3  | 130       | 130  | -  | 2   | 151  | 175  | 8  | 19 |
| 125  | 250      | 141.2         | 130.8  | 20               | 20 | 40        | 47  | 154       | 139.8  | 161       | 156  | -  | 2   | 182  | 210  | 8  | 23 |
| 150  | 280      | 166.6         | 155.2  | 22               | 22 | 40        | 53  | 182       | 165.2  | 189       | 184  | -  | 2   | 212  | 240  | 8  | 23 |
| 175  | 305      | 192.1         | 180.1  | 22               | 22 | -         | 55  | -         | 190.7  | -         | 210  | -  | 2   | 237  | 265  | 12 | 23 |
| 200  | 330      | 218.0         | 204.7  | 22               | 22 | -         | 58  | -         | 216.3  | -         | 238  | -  | 2   | 262  | 290  | 12 | 23 |
| 225  | 350      | 243.7         | 229.4  | 22               | 22 | -         | 58  | -         | 241.8  | -         | 261  | -  | 2   | 282  | 310  | 12 | 23 |
| 250  | 400      | 269.5         | 254.2  | 24               | 24 | 36        | 65  | 288       | 267.4  | 292       | 292  | -  | 2   | 324  | 355  | 12 | 25 |
| 300  | 445      | 321.0         | 304.7  | 24               | 24 | 38        | 68  | 340       | 318.5  | 346       | 345  | -  | 3   | 368  | 400  | 16 | 25 |
| 350  | 490      | 358.1         | 339.8  | 26               | 26 | 42        | 79  | 380       | 355.6  | 386       | 388  | -  | 3   | 413  | 445  | 16 | 25 |
| 400  | 560      | 409.0         | 390.6  | 28               | 28 | 44        | 85  | 436       | 406.4  | 442       | 442  | -  | 3   | 475  | 510  | 16 | 27 |
| 450  | 620      | 460.0         | 441.4  | 30               | 30 | 48        | 90  | 496       | 457.2  | 502       | 495  | -  | 3   | 530  | 565  | 20 | 27 |
| 500  | 675      | 511.0         | 492.2  | 30               | 30 | 48        | 99  | 548       | 508.0  | 554       | 546  | -  | 3   | 585  | 620  | 20 | 27 |
| 550  | 745      | 562.0         | 543.0  | 32               | 34 | 52        | 111 | 604       | 558.8  | 610       | 597  | -  | 3   | 640  | 680  | 20 | 33 |
| 600  | 795      | 613.0         | 593.8  | 32               | 36 | 52        | 112 | 656       | 609.6  | 662       | 648  | -  | 3   | 690  | 730  | 24 | 33 |
| 650  | 845      | 664.0         | 644.6  | 34               | 38 | 56        | 116 | 706       | 660.4  | 712       | 700  | -  | 3   | 740  | 780  | 24 | 33 |
| 700  | 905      | 715.0         | 695.4  | 34               | 40 | 58        | 132 | 762       | 711.2  | 770       | 754  | -  | 3   | 800  | 840  | 24 | 33 |
| 750  | 970      | 766.0         | 746.2  | 36               | 44 | 62        | 139 | 816       | 762.0  | 824       | 807  | -  | 3   | 855  | 900  | 24 | 33 |
| 800  | 1020     | 817.0         | 797.0  | 36               | 46 | 64        | 139 | 868       | 812.8  | 876       | 858  | -  | 3   | 905  | 950  | 28 | 33 |
| 850  | 1070     | 868.0         | 847.8  | 36               | 48 | 66        | 139 | 920       | 863.6  | 928       | 908  | -  | 3   | 955  | 1000 | 28 | 33 |
| 900  | 1120     | 919.0         | 898.6  | 38               | 50 | 70        | 140 | 971       | 914.4  | 979       | 959  | -  | 3   | 1005 | 1050 | 28 | 33 |
| 1000 | 1235     | 1021.0        | 1000.2 | 40               | 56 | 74        | 151 | 1073      | 1016.0 | 1081      | 1065 | -  | 3   | 1110 | 1160 | 28 | 39 |
| 1100 | 1345     | 1122.0        | 1098.6 | 42               | 62 | 95        | 170 | 1175      | 1117.6 | 1185      | 1174 | -  | 3   | 1220 | 1270 | 28 | 39 |
| 1200 | 1465     | 1224.0        | 1200.2 | 44               | 66 | 101       | 182 | 1278      | 1219.2 | 1290      | 1281 | -  | 3   | 1325 | 1380 | 32 | 39 |
| 1350 | 1630     | 1376.0        | 1346.2 | 48               | 74 | 110       | 200 | 1432      | 1371.6 | 1450      | 1438 | -  | 3   | 1480 | 1540 | 36 | 45 |
| 1500 | 1795     | 1529.0        | 1498.6 | 50               | 82 | 123       | 218 | 1585      | 1524.0 | 1605      | 1598 | -  | 3   | 1635 | 1700 | 40 | 45 |

备注: (1) 法兰的端面应符合 JIS B2202-2004 (2) 根据连接钢管的内径进行调整 (3) 带法兰, 此尺寸供参考 (4) 此值可四舍五入, 尺寸 c 为半径 (5) 该尺寸可根据有关各方之间的协议来确定



# JIS FLANGE 日标法兰 / 16K



JIS B2220-2012

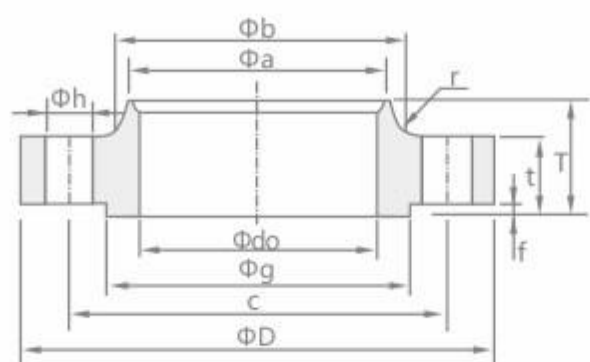
(mm)

| 口径  | 法兰<br>外径 | 法兰内径          |       | 法兰厚度 | 法兰高度 |     | 颈小端            |       | 颈大端            |        | 深度 | 密封面 |     | 连接尺寸 |    |    |
|-----|----------|---------------|-------|------|------|-----|----------------|-------|----------------|--------|----|-----|-----|------|----|----|
|     |          | SOP<br>SOH,SW | SW,WN |      | TR   | WN  | SOH,SW<br>L,TR | WN,IT | SOH,SW<br>L,TR | WN, IT |    | 高度  | 直径  | 孔中距  | 数量 | 孔径 |
| A   | D        | do            | d     | t    | T    | T   | a              | a     | b              | b      | S  | f   | g   | c    | n  | h  |
| 10  | 90       | 17.8          | 12.7  | 12   | 16   | 31  | 26             | 17.3  | 28             | 29     | 10 | 1   | 46  | 65   | 4  | 15 |
| 15  | 95       | 22.2          | 16.1  | 12   | 16   | 32  | 30             | 21.7  | 32             | 34     | 10 | 1   | 51  | 70   | 4  | 15 |
| 20  | 100      | 27.7          | 21.4  | 14   | 20   | 34  | 38             | 27.2  | 42             | 39     | 13 | 1   | 56  | 75   | 4  | 15 |
| 25  | 125      | 34.5          | 27.2  | 14   | 20   | 36  | 46             | 34.0  | 50             | 47     | 13 | 1   | 67  | 90   | 4  | 19 |
| 32  | 135      | 43.2          | 35.5  | 16   | 22   | 39  | 56             | 42.7  | 60             | 56     | 13 | 2   | 76  | 100  | 4  | 19 |
| 40  | 140      | 49.1          | 41.2  | 16   | 24   | 39  | 62             | 48.6  | 66             | 62     | 13 | 2   | 81  | 105  | 4  | 19 |
| 50  | 155      | 61.1          | 52.7  | 16   | 24   | 40  | 76             | 60.5  | 80             | 75     | 16 | 2   | 96  | 120  | 8  | 19 |
| 65  | 175      | 77.1          | 65.9  | 18   | 27   | 46  | 94             | 76.3  | 98             | 92     | 16 | 2   | 116 | 140  | 8  | 19 |
| 80  | 200      | 90.0          | 78.1  | 20   | 30   | 49  | 108            | 89.1  | 112            | 105    | 16 | 2   | 132 | 160  | 8  | 23 |
| 90  | 210      | 102.6         | 90.2  | 20   | -    | 50  | 120            | 101.6 | 124            | 118    | -  | 2   | 145 | 170  | 8  | 23 |
| 100 | 225      | 115.4         | 102.3 | 22   | 36   | 56  | 134            | 114.3 | 138            | 134    | -  | 2   | 160 | 185  | 8  | 23 |
| 125 | 270      | 141.2         | 126.6 | 22   | 40   | 60  | 164            | 139.8 | 170            | 162    | -  | 2   | 195 | 225  | 8  | 25 |
| 150 | 305      | 166.6         | 151.0 | 24   | 40   | 69  | 196            | 165.2 | 202            | 192    | -  | 2   | 230 | 260  | 12 | 25 |
| 200 | 350      | 218.0         | 199.9 | 26   | -    | 73  | 244            | 216.3 | 252            | 244    | -  | 2   | 275 | 305  | 12 | 25 |
| 250 | 430      | 269.5         | 248.8 | 28   | -    | 81  | 304            | 267.4 | 312            | 298    | -  | 2   | 345 | 380  | 12 | 27 |
| 300 | 480      | 321.0         | 297.9 | 30   | -    | 88  | 354            | 318.5 | 364            | 352    | -  | 3   | 395 | 430  | 16 | 27 |
| 350 | 540      | 358.1         | 333.4 | 34   | -    | 104 | 398            | 355.6 | 408            | 398    | -  | 3   | 440 | 480  | 16 | 33 |
| 400 | 605      | 409.0         | 381.0 | 38   | -    | 115 | 446            | 406.4 | 456            | 452    | -  | 3   | 495 | 540  | 16 | 33 |
| 450 | 675      | 460.0         | 431.8 | 40   | -    | 126 | 504            | 457.2 | 514            | 510    | -  | 3   | 560 | 605  | 20 | 33 |
| 500 | 730      | 511.0         | 482.6 | 42   | -    | 128 | 558            | 508.0 | 568            | 561    | -  | 3   | 615 | 660  | 20 | 33 |
| 550 | 795      | 562.0         | 533.4 | 44   | -    | 135 | 612            | 558.8 | 622            | 616    | -  | 3   | 670 | 720  | 20 | 39 |
| 600 | 845      | 613.0         | 584.2 | 46   | -    | 141 | 666            | 609.6 | 676            | 670    | -  | 3   | 720 | 770  | 24 | 39 |

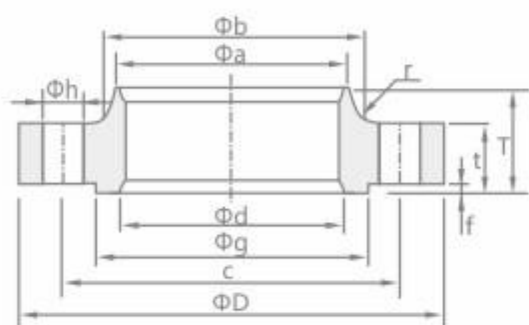
备注: (1) 法兰的端面应符合 JIS B2202-2004 (2) 根据连接钢管的内径进行调整 (3) 带法兰, 此尺寸供参考 (4) 此值可四舍五入, 尺寸c为半径 (5) 该尺寸可根据有关各方之间的协议来确定



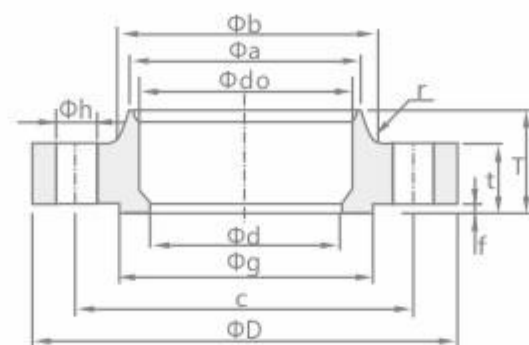
## JIS FLANGE 日标法兰 / 20K



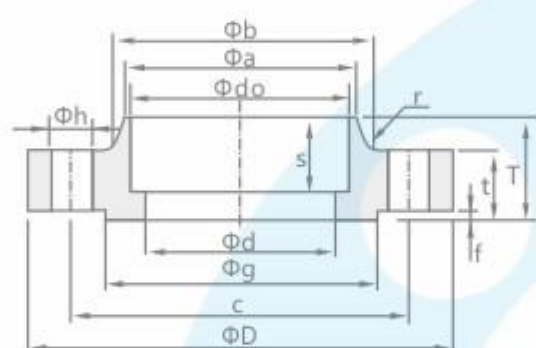
SOH Type A of nominal size 10A to 600A



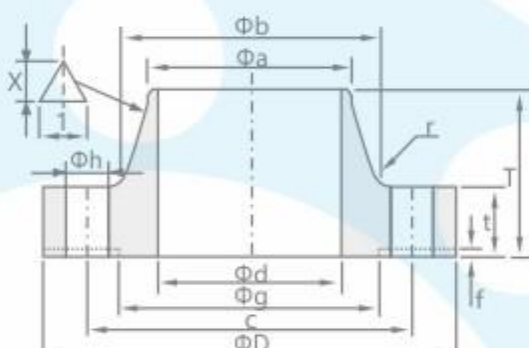
SOH Type B of nominal size 10A to 50A



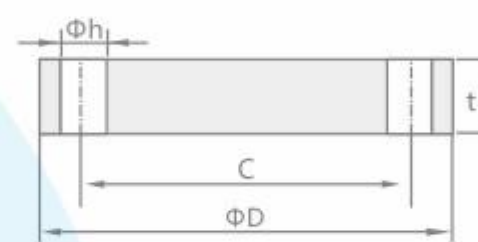
SOH Type C of nominal size 65A to 600A



SW of nominal size 10A to 80A



WN of nominal size 10A to 600A



BL of nominal size 10A to 600A

JIS B2220-2012

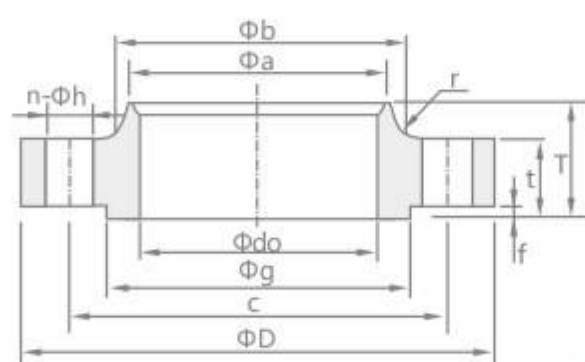
(mm)

| 口径  | 法兰<br>外径 | 法兰内径   |              | 法兰厚度         | 法兰高度            |     | 颈小端             |       | 颈大端             |        | 深度 | 密封面 |     | 连接尺寸 |    |    |
|-----|----------|--------|--------------|--------------|-----------------|-----|-----------------|-------|-----------------|--------|----|-----|-----|------|----|----|
|     |          | SOH,SW | SOH<br>SW,WN | SOH,SW,WN,BL | SOH,SW<br>LJ,TR | WN  | SOH,SW<br>LJ,TR | WN,IT | SOH,SW<br>LJ,TR | WN, IT | SW | 高度  | 直径  | 孔中距  | 数量 | 孔径 |
| A   | D        | do     | d            | t            | T               | T   | a               | a     | b               | b      | s  | f   | g   | c    | n  | h  |
| 10  | 90       | 17.8   | 12.7         | 14           | 20              | 33  | 30              | 17.3  | 32              | 29     | 10 | 1   | 46  | 65   | 4  | 15 |
| 15  | 95       | 22.2   | 16.1         | 14           | 20              | 34  | 34              | 21.7  | 36              | 34     | 10 | 1   | 51  | 70   | 4  | 15 |
| 20  | 100      | 27.7   | 21.4         | 16           | 22              | 36  | 40              | 27.2  | 42              | 39     | 13 | 1   | 56  | 75   | 4  | 15 |
| 25  | 125      | 34.5   | 27.2         | 16           | 24              | 38  | 48              | 34.0  | 50              | 47     | 13 | 1   | 67  | 90   | 4  | 19 |
| 32  | 135      | 43.2   | 35.5         | 18           | 26              | 41  | 56              | 42.7  | 60              | 56     | 13 | 2   | 76  | 100  | 4  | 19 |
| 40  | 140      | 49.1   | 41.2         | 18           | 26              | 41  | 62              | 48.6  | 66              | 62     | 13 | 2   | 81  | 105  | 4  | 19 |
| 50  | 155      | 61.1   | 52.7         | 18           | 26              | 42  | 76              | 60.5  | 80              | 75     | 16 | 2   | 96  | 120  | 8  | 19 |
| 65  | 175      | 77.1   | 65.9         | 20           | 30              | 48  | 100             | 76.3  | 104             | 92     | 16 | 2   | 116 | 140  | 8  | 19 |
| 80  | 200      | 90.0   | 78.1         | 22           | 34              | 51  | 113             | 89.1  | 117             | 105    | 16 | 2   | 132 | 160  | 8  | 23 |
| 90  | 210      | 102.6  | 90.2         | 24           | 36              | 54  | 126             | 101.6 | 130             | 118    | -  | 2   | 145 | 170  | 8  | 23 |
| 100 | 225      | 115.4  | 102.3        | 24           | 36              | 58  | 138             | 114.3 | 142             | 134    | -  | 2   | 160 | 185  | 8  | 23 |
| 125 | 270      | 141.2  | 126.6        | 26           | 40              | 64  | 166             | 139.8 | 172             | 162    | -  | 2   | 195 | 225  | 8  | 25 |
| 150 | 305      | 166.6  | 151.0        | 28           | 42              | 73  | 196             | 165.2 | 202             | 192    | -  | 2   | 230 | 260  | 12 | 25 |
| 200 | 350      | 218.0  | 199.9        | 30           | 46              | 77  | 244             | 216.3 | 252             | 244    | -  | 2   | 275 | 305  | 12 | 25 |
| 250 | 430      | 269.5  | 248.8        | 34           | 52              | 87  | 304             | 267.4 | 312             | 298    | -  | 2   | 345 | 380  | 12 | 27 |
| 300 | 480      | 321.0  | 297.9        | 36           | 56              | 94  | 354             | 318.5 | 364             | 352    | -  | 3   | 395 | 430  | 16 | 27 |
| 350 | 540      | 358.1  | 333.4        | 40           | 62              | 110 | 398             | 355.6 | 408             | 398    | -  | 3   | 440 | 480  | 16 | 33 |
| 400 | 605      | 409.0  | 381.0        | 46           | 70              | 123 | 446             | 406.4 | 456             | 452    | -  | 3   | 495 | 540  | 16 | 33 |
| 450 | 675      | 460.0  | 431.8        | 48           | 78              | 134 | 504             | 457.2 | 514             | 510    | -  | 3   | 560 | 605  | 20 | 33 |
| 500 | 730      | 511.0  | 482.6        | 50           | 84              | 136 | 558             | 508.0 | 568             | 561    | -  | 3   | 615 | 660  | 20 | 33 |
| 550 | 795      | 562.0  | 533.4        | 52           | 90              | 143 | 612             | 558.8 | 622             | 616    | -  | 3   | 670 | 720  | 20 | 39 |
| 600 | 845      | 613.0  | 584.2        | 54           | 96              | 149 | 666             | 609.6 | 676             | 670    | -  | 3   | 720 | 770  | 24 | 39 |

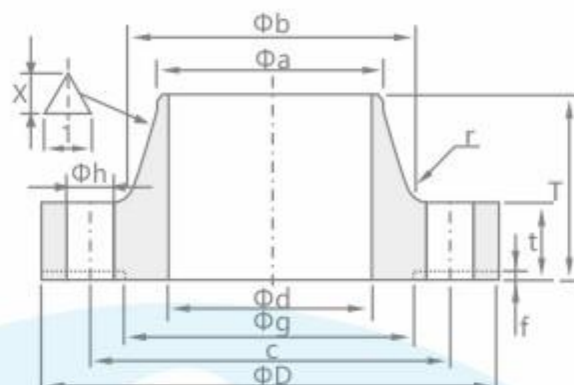
备注: (1) 法兰的端面应符合 JIS B2202-2004 (2) 根据连接钢管的内径进行调整 (3) 带法兰, 此尺寸供参考 (4) 此值可四舍五入, 尺寸c为半径 (5) 该尺寸可根据有关各方之间的协议来确定



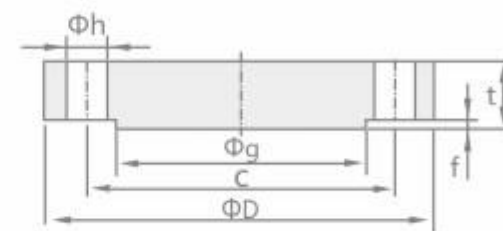
# JIS FLANGE 日标法兰 / 30K



SOH of nominal size 10A to 400A



WN of nominal size 15A to 400A



BL of nominal size 10A to 400A

JIS B2220-2012

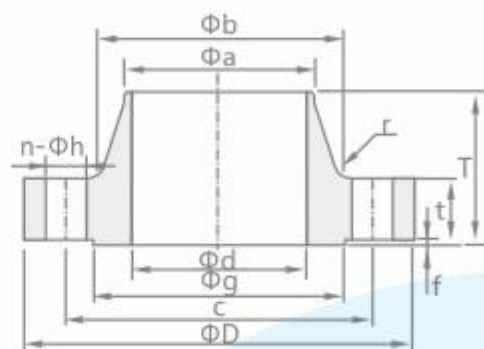
(mm)

| 口径  | 法兰<br>外径 | 法兰内径  |       | 法兰厚度      | 法兰高度 |     | 颈小端 |       | 颈大端 |     | 密封面 |     | 连接尺寸 |    |    |
|-----|----------|-------|-------|-----------|------|-----|-----|-------|-----|-----|-----|-----|------|----|----|
|     |          | SOH   | WN    | SOH,WN,BL | SOH  | WN  | SOH | WN    | SOH | WN  | 高度  | 直径  | 孔中距  | 数量 | 孔径 |
| A   | D        | do    | d     | t         | T    | T   | a   | a     | b   | b   | f   | g   | c    | n  | h  |
| 10  | 110      | 17.8  | 12.7  | 16        | 24   | -   | 30  | -     | 34  | -   | 1   | 52  | 75   | 4  | 19 |
| 15  | 115      | 22.2  | 16.1  | 18        | 26   | 45  | 36  | 21.7  | 40  | 40  | 1   | 55  | 80   | 4  | 19 |
| 20  | 120      | 27.7  | 21.4  | 18        | 28   | 45  | 42  | 27.2  | 46  | 44  | 1   | 60  | 85   | 4  | 19 |
| 25  | 130      | 34.5  | 27.2  | 20        | 30   | 48  | 50  | 34.0  | 54  | 52  | 1   | 70  | 95   | 4  | 19 |
| 32  | 140      | 43.2  | 35.5  | 22        | 32   | 52  | 60  | 42.7  | 64  | 62  | 2   | 80  | 105  | 4  | 19 |
| 40  | 160      | 49.1  | 41.2  | 22        | 34   | 54  | 66  | 48.6  | 70  | 70  | 2   | 90  | 120  | 4  | 23 |
| 50  | 165      | 61.1  | 52.7  | 22        | 36   | 57  | 82  | 60.5  | 86  | 84  | 2   | 105 | 130  | 8  | 19 |
| 65  | 200      | 77.1  | 65.9  | 26        | 40   | 69  | 102 | 76.3  | 106 | 104 | 2   | 130 | 160  | 8  | 23 |
| 80  | 210      | 90.0  | 78.1  | 28        | 44   | 73  | 115 | 89.1  | 121 | 118 | 2   | 140 | 170  | 8  | 23 |
| 90  | 230      | 102.6 | 90.2  | 30        | 46   | 74  | 128 | 101.6 | 134 | 130 | 2   | 150 | 185  | 8  | 25 |
| 100 | 240      | 115.4 | 102.3 | 32        | 48   | 76  | 141 | 114.3 | 147 | 142 | 2   | 160 | 195  | 8  | 25 |
| 125 | 275      | 141.2 | 126.6 | 36        | 54   | 86  | 166 | 139.8 | 172 | 172 | 2   | 195 | 230  | 8  | 25 |
| 150 | 325      | 166.6 | 151.0 | 38        | 58   | 95  | 196 | 165.2 | 204 | 202 | 2   | 235 | 275  | 12 | 27 |
| 200 | 370      | 218.0 | 199.9 | 42        | 64   | 102 | 248 | 216.3 | 256 | 254 | 2   | 280 | 320  | 12 | 27 |
| 250 | 450      | 269.5 | 248.8 | 48        | 72   | 118 | 306 | 267.4 | 314 | 312 | 2   | 345 | 390  | 12 | 33 |
| 300 | 515      | 321.0 | 297.9 | 52        | 78   | 127 | 360 | 318.5 | 370 | 366 | 3   | 405 | 450  | 16 | 33 |
| 350 | 560      | 358.1 | 333.4 | 54        | 84   | 134 | 402 | 355.6 | 412 | 406 | 3   | 450 | 495  | 16 | 33 |
| 400 | 630      | 409.0 | 381.0 | 60        | 92   | 149 | 456 | 406.4 | 468 | 462 | 3   | 510 | 560  | 16 | 39 |

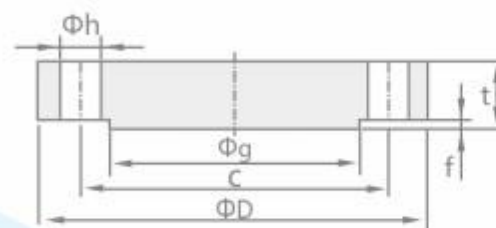
备注：（1）法兰的端面应符合 JIS B2202-2004 （2）根据连接钢管的内径进行调整 （3）带法兰，此尺寸供参考 （4）此值可四舍五入，尺寸c为半径 （5）该尺寸可根据有关各方之间的协议来确定



# JIS FLANGE 日标法兰 / 40K/63K



WN of nominal size 10A to 400A



BL of nominal size 10A to 400A

JIS B2220-2012

(mm)

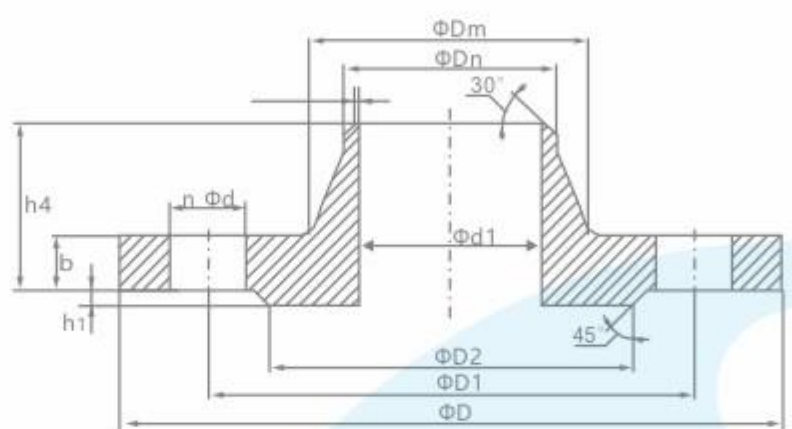
| 口径  | 法兰<br>外径 | 法兰内径  | 法兰<br>厚度 | 法兰<br>高度 | 颈部直径  |     | 凸面 |     | 连接尺寸 |    |    |
|-----|----------|-------|----------|----------|-------|-----|----|-----|------|----|----|
|     |          | WN    |          |          |       |     | 高度 | 直径  | 孔中距  | 数量 | 孔径 |
| A   | D        | d     | t        | T        | a     | b   | f  | g   | C    | n  | h  |
| 40K |          |       |          |          |       |     |    |     |      |    |    |
| 15  | 115      | 16.1  | 20       | 48       | 21.7  | 40  | 1  | 55  | 80   | 4  | 19 |
| 20  | 120      | 21.4  | 20       | 48       | 27.2  | 45  | 1  | 60  | 85   | 4  | 19 |
| 25  | 130      | 27.2  | 22       | 53       | 34.0  | 54  | 1  | 70  | 95   | 4  | 19 |
| 32  | 140      | 35.5  | 24       | 54       | 42.7  | 62  | 2  | 80  | 105  | 4  | 19 |
| 40  | 160      | 41.2  | 24       | 59       | 48.6  | 72  | 2  | 90  | 120  | 4  | 23 |
| 50  | 165      | 52.7  | 26       | 65       | 60.5  | 87  | 2  | 105 | 130  | 8  | 19 |
| 65  | 200      | 65.9  | 30       | 78       | 76.3  | 108 | 2  | 130 | 160  | 8  | 23 |
| 80  | 210      | 78.1  | 32       | 78       | 89.1  | 119 | 2  | 140 | 170  | 8  | 23 |
| 90  | 230      | 90.2  | 34       | 79       | 101.6 | 130 | 2  | 150 | 185  | 8  | 25 |
| 100 | 250      | 102.3 | 36       | 85       | 114.3 | 146 | 2  | 165 | 205  | 8  | 25 |
| 125 | 300      | 126.6 | 40       | 108      | 139.8 | 186 | 2  | 200 | 250  | 8  | 27 |
| 150 | 355      | 151   | 44       | 117      | 165.2 | 215 | 2  | 240 | 295  | 12 | 33 |
| 200 | 405      | 199.9 | 50       | 130      | 216.3 | 270 | 2  | 290 | 345  | 12 | 33 |
| 250 | 475      | 248.8 | 56       | 152      | 267.4 | 333 | 2  | 355 | 410  | 12 | 33 |
| 300 | 540      | 297.9 | 60       | 153      | 318.5 | 380 | 3  | 410 | 470  | 16 | 39 |
| 350 | 585      | 333.4 | 64       | 168      | 355.6 | 425 | 3  | 455 | 515  | 16 | 39 |
| 400 | 645      | 381   | 70       | 168      | 406.4 | 466 | 3  | 515 | 570  | 16 | 39 |
| 63K |          |       |          |          |       |     |    |     |      |    |    |
| 15  | 120      | 14.3  | 23       | 57       | 21.7  | 42  | 1  | 55  | 85   | 4  | 19 |
| 20  | 135      | 19.4  | 25       | 57       | 27.2  | 46  | 1  | 60  | 95   | 4  | 23 |
| 25  | 140      | 25    | 27       | 61       | 34.0  | 55  | 1  | 70  | 100  | 4  | 23 |
| 32  | 150      | 32.9  | 30       | 61       | 42.7  | 60  | 2  | 80  | 110  | 4  | 23 |
| 40  | 175      | 38.4  | 32       | 73       | 48.6  | 75  | 2  | 90  | 130  | 4  | 25 |
| 50  | 185      | 49.5  | 34       | 82       | 60.5  | 92  | 2  | 105 | 145  | 8  | 23 |
| 65  | 220      | 62.3  | 38       | 101      | 76.3  | 118 | 2  | 130 | 175  | 8  | 25 |
| 80  | 230      | 73.9  | 40       | 103      | 89.1  | 130 | 2  | 140 | 185  | 8  | 25 |
| 90  | 255      | 85.4  | 42       | 103      | 101.6 | 140 | 2  | 150 | 205  | 8  | 27 |
| 100 | 270      | 97.1  | 44       | 107      | 114.3 | 154 | 2  | 165 | 220  | 8  | 27 |
| 125 | 325      | 120.8 | 50       | 127      | 139.8 | 190 | 2  | 200 | 265  | 8  | 33 |
| 150 | 365      | 143.2 | 54       | 152      | 165.2 | 230 | 2  | 240 | 305  | 12 | 33 |
| 200 | 425      | 190.9 | 60       | 159      | 216.3 | 280 | 2  | 290 | 360  | 12 | 33 |
| 250 | 500      | 237.2 | 68       | 189      | 267.4 | 346 | 2  | 355 | 430  | 12 | 39 |
| 300 | 560      | 283.7 | 77       | 199      | 318.5 | 395 | 3  | 410 | 485  | 16 | 39 |
| 350 | 615      | 317.6 | 81       | 202      | 355.6 | 429 | 3  | 455 | 530  | 16 | 45 |
| 400 | 680      | 363.6 | 89       | 212      | 406.4 | 479 | 3  | 515 | 590  | 16 | 45 |

备注：(1) 法兰的端面应符合 JIS B2202-2004 (2) 根据连接钢管的内径进行调整 (3) 带法兰，此尺寸供参考 (4) 此值可四舍五入，尺寸c为半径 (5) 该尺寸可根据有关各方之间的协议来确定

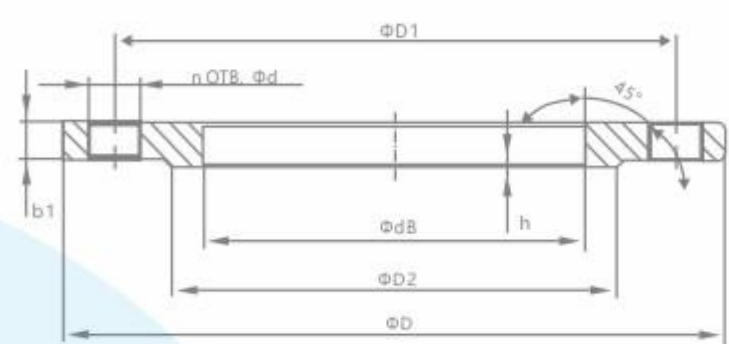


RUSSIAN  
STANDARD FLANGE 俄标法兰

PN=1.6MNA (16krc/cm²)



GOST 12820-80 带颈平焊法兰



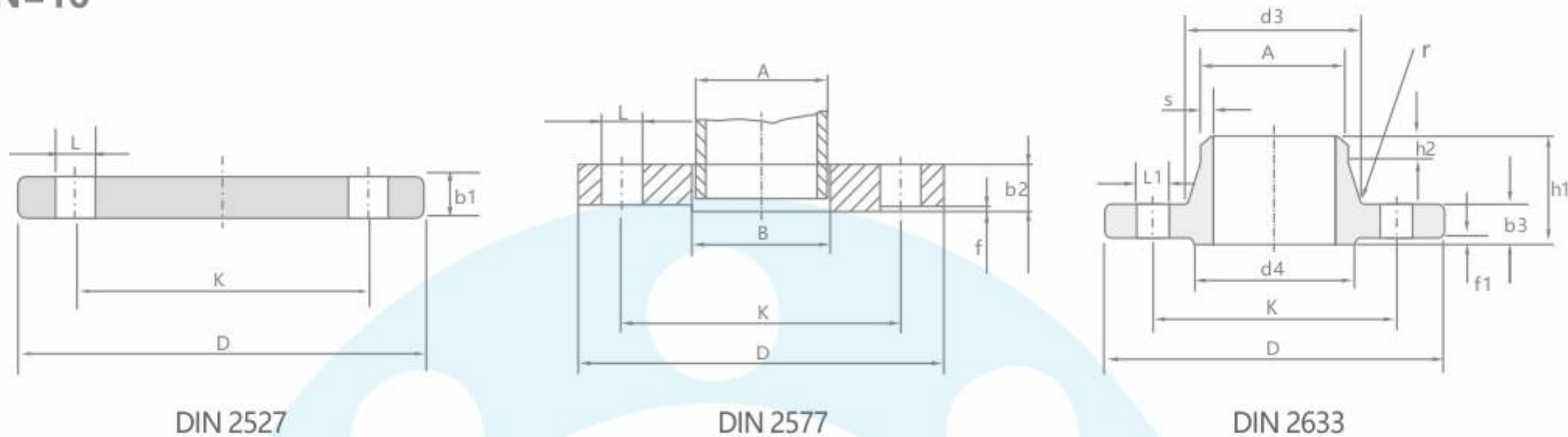
GOST 12821-80 平焊法兰

| (mm) |      |      |      |      |   |    |    |      |      |     |                   |      |    |      |         |       |
|------|------|------|------|------|---|----|----|------|------|-----|-------------------|------|----|------|---------|-------|
| 口径   | 法兰外径 | 法兰内径 |      | 密封面  |   |    | 孔径 | 孔中距  | 颈小端  | 法兰颈 | 螺栓孔数量<br>n (个)    | 法兰厚度 |    | 法兰高度 | 重量 (kg) |       |
| Dy   | D    | d1   | dB   | D2   | h | h1 | d  | D1   | Dn   | Dm  | K-BO OTB.n<br>WT. | b    | b1 | h4   | 12820   | 12821 |
| 15   | 95   | 12   | 19   | 47   | 2 | 3  | 14 | 65   | 19   | 30  | 4                 | 12   | 12 | 33   | 0.61    | 0.68  |
| 20   | 105  | 18   | 26   | 58   | 2 | 3  |    | 75   | 26   | 38  |                   | 14   | 12 | 36   | 0.86    | 0.87  |
| 25   | 115  | 25   | 33   | 68   | 2 | 3  |    | 85   | 33   | 45  |                   | 16   | 12 | 38   | 1.17    | 1.05  |
| 32   | 135  | 31   | 39   | 78   | 2 | 3  |    | 100  | 39   | 55  |                   | 16   | 13 | 40   | 1.58    | 1.54  |
| 40   | 145  | 38   | 46   | 88   | 3 | 4  |    | 110  | 46   | 64  |                   | 17   | 13 | 42   | 1.96    | 1.85  |
| 50   | 160  | 49   | 59   | 102  | 3 | 4  |    | 125  | 59   | 76  |                   | 19   | 13 | 45   | 2.58    | 2.28  |
| 65   | 180  | 66   | 78   | 122  | 3 | 4  | 18 | 145  | 78   | 94  | 8                 | 21   | 15 | 47   | 3.42    | 3.19  |
| 80   | 195  | 78   | 91   | 133  | 3 | 4  |    | 160  | 91   | 110 |                   | 21   | 17 | 50   | 3.71    | 4.21  |
| 100  | 215  | 98   | 110  | 158  | 3 | 4  |    | 180  | 110  | 130 |                   | 23   | 17 | 50   | 4.73    | 4.90  |
| 125  | 245  | 121  | 135  | 184  | 3 | 4  | 22 | 210  | 135  | 156 | 12                | 25   | 19 | 57   | 6.38    | 6.75  |
| 150  | 280  | 146  | 161  | 212  | 3 | 4  |    | 240  | 161  | 180 |                   | 25   | 19 | 57   | 7.81    | 8.30  |
| 200  | 335  | 202  | 222  | 268  | 3 | 4  |    | 295  | 222  | 240 |                   | 27   | 21 | 58   | 10.1    | 11.79 |
| 250  | 405  | 254  | 273  | 320  | 3 | 4  | 26 | 355  | 273  | 292 | 16                | 28   | 23 | 65   | 14.49   | 17.36 |
| 300  | 460  | 303  | 325  | 370  | 4 | 5  |    | 410  | 325  | 346 |                   | 28   | 24 | 66   | 17.78   | 22.76 |
| 350  | 520  | 351  | 377  | 430  | 4 | 5  |    | 470  | 377  | 400 |                   | 30   | 28 | 70   | 22.88   | 32.04 |
| 400  | 580  | 398  | 426  | 482  | 4 | 5  | 30 | 525  | 426  | 450 | 20                | 34   | 32 | 75   | 31      | 43.00 |
| 500  | 710  | 501  | 530  | 585  | 4 | 5  |    | 650  | 530  | 559 |                   | 44   | 38 | 90   | 57.01   | 70.97 |
| 600  | 840  | 602  | 630  | 685  | 5 | 6  | 36 | 770  | 636  | 660 | 24                | 45   | 41 | 90   | 80.03   | 99.30 |
| 800  | 1020 | -    | 820  | 905  | 5 | -  | 39 | 950  | 820  | -   |                   | 49   | -  | -    | 104.41  | -     |
| 1000 | 1255 | -    | 1020 | 1110 | 5 | -  | 45 | 1170 | 1020 | -   | 28                | 58   | -  | -    | 179.37  | -     |
| 1200 | 1485 | -    | 1220 | 1330 | 5 | -  | 52 | 1390 | 1220 | -   | 32                | 71   | -  | -    | 297.78  | -     |



## DIN FLANGE 德标法兰

PN=16



| 公称<br>通径 | 管子<br>外径 | 法兰<br>外径 | 螺栓孔中<br>心圆直径 | 螺栓<br>孔径 | 螺栓      |           | 密封面 |   |    | 法兰厚度 |    |    | 法兰内径<br>2577 | 法兰颈 |     |    |    | 法兰<br>高度 |
|----------|----------|----------|--------------|----------|---------|-----------|-----|---|----|------|----|----|--------------|-----|-----|----|----|----------|
|          |          |          |              |          | 数量<br>n | 螺栓<br>Th· | d   | f | f1 | b1   | b2 | b3 |              | d3  | s   | r  | h2 | h1       |
| 10       | 17.2     | 90       | 60           | 14       | 4       | M12       | 41  | 2 | 2  | 14   | 14 | 14 | 18.0         | 28  | 1.8 | 4  | 6  | 35       |
| 15       | 21.3     | 95       | 65           | 14       | 4       | M12       | 46  | 2 | 2  | 14   | 14 | 14 | 22.0         | 32  | 2.0 | 4  | 6  | 35       |
| 20       | 26.9     | 105      | 75           | 14       | 4       | M12       | 56  | 2 | 2  | 16   | 16 | 16 | 27.5         | 40  | 2.3 | 4  | 6  | 38       |
| 25       | 33.7     | 115      | 85           | 14       | 4       | M12       | 65  | 3 | 2  | 16   | 16 | 16 | 34.5         | 45  | 2.6 | 4  | 6  | 38       |
| 32       | 42.4     | 140      | 100          | 18       | 4       | M16       | 76  | 3 | 2  | 16   | 18 | 16 | 43.5         | 56  | 2.6 | 6  | 6  | 40       |
| 40       | 48.3     | 150      | 110          | 18       | 4       | M16       | 84  | 3 | 3  | 16   | 18 | 16 | 49.5         | 64  | 2.6 | 6  | 7  | 42       |
| 50       | 60.3     | 165      | 125          | 18       | 4       | M16       | 99  | 3 | 3  | 18   | 20 | 18 | 61.5         | 75  | 2.9 | 6  | 8  | 45       |
| 65       | 76.1     | 185      | 145          | 18       | 4       | M16       | 118 | 3 | 3  | 18   | 20 | 18 | 77.5         | 90  | 2.9 | 6  | 10 | 45       |
| 80       | 88.9     | 200      | 160          | 18       | 8       | M16       | 132 | 3 | 3  | 20   | 20 | 20 | 90.5         | 105 | 3.2 | 8  | 10 | 50       |
| 100      | 114.3    | 220      | 180          | 18       | 8       | M16       | 156 | 3 | 3  | 20   | 22 | 20 | 116.0        | 131 | 3.6 | 8  | 12 | 52       |
| 125      | 139.7    | 250      | 210          | 18       | 8       | M16       | 184 | 3 | 3  | 22   | 22 | 22 | 141.5        | 156 | 4.0 | 8  | 12 | 55       |
| 150      | 168.3    | 285      | 240          | 22       | 8       | M20       | 211 | 3 | 3  | 22   | 24 | 22 | 170.5        | 184 | 4.5 | 10 | 12 | 55       |
| 200      | 219.1    | 340      | 295          | 22       | 12      | M120      | 266 | 3 | 3  | 24   | 26 | 24 | 221.5        | 235 | 5.9 | 10 | 16 | 62       |
| 250      | 273.0    | 405      | 355          | 26       | 12      | M24       | 319 | 3 | 3  | 26   | 29 | 26 | 276.5        | 292 | 6.3 | 12 | 16 | 70       |
| 300      | 323.9    | 460      | 410          | 26       | 12      | M24       | 370 | 4 | 4  | 28   | 32 | 28 | 327.5        | 344 | 7.1 | 12 | 16 | 78       |
| 350      | 355.6    | 520      | 470          | 26       | 16      | M24       | 429 | 4 | 4  | 30   | 35 | 30 | 359.0        | 390 | 8.0 | 12 | 16 | 82       |
| 400      | 406.4    | 580      | 525          | 30       | 16      | M27       | 480 | 4 | 4  | 32   | 38 | 32 | 411.0        | 445 | 8.0 | 12 | 16 | 85       |
| 450      | 457.0    | 640      | 585          | 26       | 20      | M27       | 548 | 4 | -  | -    | 42 | -  | 462.0        | 131 | 3.6 | 8  | 12 | 52       |
| 500      | 508.0    | 715      | 650          | 33       | 20      | M30       | 609 | 4 | 4  | 36   | 46 | 34 | 513.5        | 548 | 8.0 | 12 | 16 | 90       |
| 600      | 610.0    | 840      | 770          | 36       | 20      | M33       | 720 | 5 | 5  | 38   | 52 | 36 | 616.5        | 652 | 8.8 | 12 | 18 | 95       |