



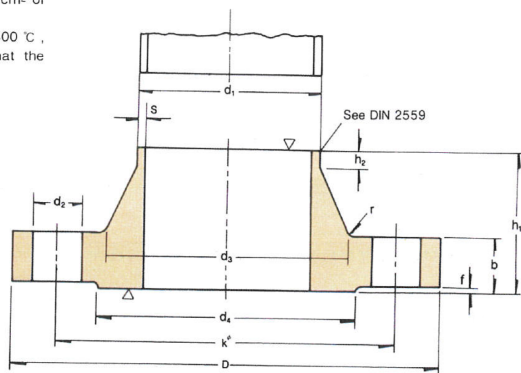
# DIN FLANGE DIN 2632

## WELDING NECK FLANGE

### 2-1). Nominal Pressure 10

The flanges with the dimensions of this standard and made of St.37-2 can be used at maximum 120 °C temperature with 10 kg/cm<sup>2</sup> of working pressure.

At higher temperature of 120 °C to 300 °C, it should be taken into consideration that the material yield point becomes low.



(Dimensions in mm)

### Nominal Pressure 10

| Pipe         |                 | Flange |    |      |                | Neck           |     |    |                | Raised Face    |   | Drilling        |               |                |    | Approx. Weight<br>(7.85 kg/dm <sup>3</sup> )<br>kg |
|--------------|-----------------|--------|----|------|----------------|----------------|-----|----|----------------|----------------|---|-----------------|---------------|----------------|----|----------------------------------------------------|
| Nominal Size | d <sub>1</sub>  | D      | b  | k    | h <sub>1</sub> | d <sub>3</sub> | s   | r  | h <sub>2</sub> | d <sub>4</sub> | f | Number of Holes | Bolt Diameter | d <sub>2</sub> |    |                                                    |
| 200          | 216<br>(219.1*) | 340    | 24 | 295  | 62             | 232<br>235     | 5.9 | 10 | 16             | 268            | 3 | 8               | M20           | (3/4")         | 23 | 11.3                                               |
| 250          | 267<br>(273*)   | 395    | 26 | 350  | 68             | 285<br>292     | 6.3 | 12 | 16             | 320            | 3 | 12              | M20           | (3/4")         | 23 | 14.7                                               |
| 300          | 318<br>(323.9*) | 445    | 26 | 400  | 68             | 335<br>344     | 7.1 | 12 | 16             | 370            | 4 | 12              | M20           | (3/4")         | 23 | 17.6                                               |
| 350          | 368<br>(355.6*) | 505    | 26 | 460  | 68             | 385            | 7.1 | 12 | 16             | 430            | 4 | 16              | M20           | (3/4")         | 23 | 21.4                                               |
| 400          | 419<br>(406.4*) | 565    | 26 | 515  | 72             | 440            | 7.1 | 12 | 16             | 482            | 4 | 16              | M24           | (7/8")         | 27 | 26.1                                               |
| 500          | 521<br>(508*)   | 670    | 28 | 620  | 75             | 542            | 7.1 | 12 | 16             | 585            | 4 | 20              | M24           | (7/8")         | 27 | 34.7                                               |
| 600          | 622<br>(609.6*) | 780    | 28 | 725  | 80             | 642            | 7.1 | 12 | 18             | 685            | 5 | 20              | M27           | (1")           | 30 | 42.2                                               |
| 700          | 720<br>(711.2*) | 895    | 30 | 840  | 80             | 745            | 8   | 12 | 18             | 800            | 5 | 24              | M27           | (1")           | 30 | 58.7                                               |
| 800          | 820<br>(812.8*) | 1015   | 32 | 950  | 90             | 850            | 8   | 12 | 18             | 905            | 5 | 24              | M30           | (1 1/8")       | 33 | 80.0                                               |
| 900          | 920<br>(914.4*) | 1115   | 34 | 1050 | 95             | 950            | 10  | 12 | 20             | 1005           | 5 | 28              | M30           | (1 1/8")       | 33 | 95.6                                               |

\*) Outer diameter of pipe corresponds to ISO recommendation R64.

Material (to be specified by orderer):

St.37-2 by DIN 17100 for temperature ≤ 300 °C.

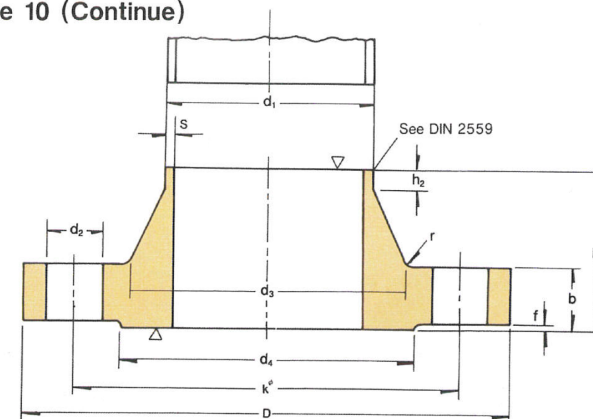
Weldable heat-treated steel for temperature > 300 °C.  
Process: Machining the outside diameter, bore, gasket surface, bevel end for welding, and bolt holes.

# DIN FLANGE DIN 2632



## WELDING NECK FLANGE

### 2-2). Nominal Pressure 10 (Continue)



(Dimensions in mm)

### Nominal Pressure 10 (Continue)

| Pipe         |                 | Flange |    |      |                | Neck           |    |    |                | Raised Face    |   | Drilling        |               |                |    | Approx. Weight<br>(7.85 kg/dm <sup>3</sup> )<br>kg |
|--------------|-----------------|--------|----|------|----------------|----------------|----|----|----------------|----------------|---|-----------------|---------------|----------------|----|----------------------------------------------------|
| Nominal Size | d <sub>1</sub>  | D      | b  | k    | h <sub>1</sub> | d <sub>3</sub> | s  | r  | h <sub>2</sub> | d <sub>4</sub> | f | Number of Holes | Bolt Diameter | d <sub>2</sub> |    |                                                    |
| 1000         | 1020<br>(1016*) | 1230   | 34 | 1160 | 95             | 1052           | 10 | 16 | 20             | 1110           | 5 | 28              | M33           | (1 1/4")       | 36 | 114                                                |
| 1200         | 1220            | 1455   | 38 | 1380 | 115            | 1255           | 11 | 16 | 25             | 1330           | 5 | 32              | M36           | (1 3/8")       | 39 | 182                                                |
| 1400         | 1420            | 1675   | 42 | 1590 | 120            | 1460           | 12 | 16 | 25             | 1535           | 5 | 36              | M39           | (1 1/2")       | 42 | 248                                                |
| 1600         | 1620            | 1915   | 46 | 1820 | 130            | 1665           | 14 | 16 | 25             | 1760           | 5 | 40              | M45           | (1 3/4")       | 48 | 347                                                |
| 1800         | 1820            | 2115   | 50 | 2020 | 140            | 1868           | 15 | 16 | 30             | 1960           | 5 | 44              | M45           | (1 3/4")       | 48 | 430                                                |
| 2000         | 2020            | 2325   | 54 | 2230 | 150            | 2072           | 16 | 16 | 30             | 2170           | 5 | 48              | M45           | (1 3/4")       | 48 | 539                                                |
| 2200         | 2220            | 2550   | 58 | 2440 | 160            | 2275           | 18 | 18 | 35             | 2370           | 6 | 52              | M52           | (2")           | 56 | 658                                                |
| 2400         | 2420            | 2760   | 62 | 2650 | 170            | 2478           | 20 | 18 | 35             | 2570           | 6 | 56              | M52           | (2")           | 56 | 825                                                |
| 2600         | 2620            | 2960   | 66 | 2850 | 180            | 2680           | 22 | 18 | 40             | 2780           | 6 | 60              | M52           | (2")           | 56 | 979                                                |
| 2800         | 2820            | 3180   | 70 | 3070 | 190            | 2882           | 22 | 18 | 40             | 3000           | 6 | 64              | M52           | (2")           | 56 | 1156                                               |
| 3000         | 3020            | 3405   | 74 | 3290 | 200            | 3085           | 24 | 18 | 45             | 3210           | 6 | 68              | M56           | (2 1/4")       | 62 | 1402                                               |

\*) Outer diameter of pipe corresponds to ISO recommendation R64.

Material (to be specified by orderer):

St.37-2 by DIN 17100 for temperature ≤ 300 °C.

Weldable heat-treated steel for temperature > 300 °C.  
Process: Machining the outside diameter, bore, gasket surface, bevel end for welding, and bolt holes.