



## DIMENSIONS OF STANDARD FLANGES.

Adopted by a Committee of the Master Steam and Hot Water Fitters' Association, a Committee of the American Society of Mechanical Engineers, and the Representatives of the leading Valve and Fitting Manufacturers of the United States.

Pipe Size.	Diameter of Flange.	Diameter of Bolt Circle.	Number of Bolts.	Size of Bolts.	Flange Thickness at Hub for Iron Pipe.	Flange Thickness at Edge.	Width of Flange Face.
In.	In.	In.		In.	In.	In.	In.
2	6	4 $\frac{3}{4}$	4	$\frac{5}{8}$ X 2	1	$\frac{5}{8}$	2
2 $\frac{1}{2}$	7	5 $\frac{1}{2}$	4	$\frac{5}{8}$ X 2 $\frac{1}{2}$	1 $\frac{1}{8}$	1 $\frac{1}{2}$	2 $\frac{1}{4}$
3	7 $\frac{1}{2}$	6	4	$\frac{5}{8}$ X 2 $\frac{1}{2}$	1 $\frac{1}{4}$	$\frac{3}{4}$	2 $\frac{1}{4}$
3 $\frac{1}{2}$	8 $\frac{1}{2}$	7	4	$\frac{5}{8}$ X 2 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$
4	9	7 $\frac{1}{2}$	4	$\frac{3}{4}$ X 2 $\frac{3}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$
4 $\frac{1}{2}$	9 $\frac{1}{4}$	7 $\frac{3}{4}$	8	$\frac{3}{4}$ X 3	1 $\frac{3}{8}$	1 $\frac{1}{2}$	2 $\frac{3}{8}$
5	10	8 $\frac{1}{2}$	8	$\frac{3}{4}$ X 3	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$
6	11	9 $\frac{1}{2}$	8	$\frac{3}{4}$ X 3	1 $\frac{1}{2}$	1	2 $\frac{1}{2}$
7	12 $\frac{1}{2}$	10 $\frac{3}{4}$	8	$\frac{3}{4}$ X 3 $\frac{1}{4}$	1 $\frac{3}{4}$	1 $\frac{1}{16}$	2 $\frac{3}{4}$
8	13 $\frac{1}{2}$	11 $\frac{3}{4}$	8	$\frac{3}{4}$ X 3 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{8}$	2 $\frac{3}{4}$
10	16	14 $\frac{1}{4}$	12	$\frac{7}{8}$ X 3 $\frac{3}{8}$	2	1 $\frac{5}{16}$	3
12	19	17	12	$\frac{7}{8}$ X 3 $\frac{1}{4}$	2	1 $\frac{1}{4}$	3 $\frac{1}{2}$
14	21	18 $\frac{3}{4}$	12	1 X 4 $\frac{1}{4}$	2	1 $\frac{3}{8}$	3 $\frac{1}{2}$
16	23 $\frac{1}{2}$	21 $\frac{1}{4}$	16	1 X 4 $\frac{1}{4}$	2 $\frac{1}{4}$	1 $\frac{7}{16}$	3 $\frac{3}{4}$
18	25	22 $\frac{3}{4}$	16	1 $\frac{1}{8}$ X 4 $\frac{1}{4}$	2 $\frac{1}{4}$	1 $\frac{5}{16}$	3 $\frac{1}{2}$
20	27 $\frac{1}{2}$	25	20	1 $\frac{1}{8}$ X 4 $\frac{3}{4}$	2 $\frac{1}{4}$	1 $\frac{1}{2}$	3 $\frac{3}{4}$

BOLT HOLES ARE DRILLED SYMMETRICALLY ON EACH SIDE OF CENTRE LINE UNLESS OTHERWISE SPECIALLY ORDERED.