

**BRITISH STANDARD PIPE FLANGES**  
DIMENSION OF PIPE FLANGES AS PER TABLE BS-10

Table D for Working Steam Pressure upto 50 lbs per Sq. Inch

Table E for Working Steam Pressure above 50 lbs and upto 100 lbs per Sq Inch.

Nominal Pipe Size	O.D. of Pipe	Dia of Flange	Dia of Bolt Circle	No. of Bolt	Dia of Bolt	Thickness	Nominal Pipe Size	Dia of Flange	Dia of Bolt Circle	No. of Bolt	Dia of Bolt	Thickness
1/2"	27/32"	3.3/4"	2.5/8"	4	1/2"	3/16"	1/2"	3.3/4"	2.5/8"	4	1/2"	1/4"
3/4"	1.1/6"	4"	2.7/8"	4	1/2"	3/16"	3/4"	4"	2.7/8"	4	1/2"	1/4"
1"	1.11/32"	4.1/2"	3.1/4"	4	1/2"	3/16"	1"	4.1/2"	3.1/4"	4	1/2"	9/32"
1.1/4"	1.11/16"	4.3/4"	3.7/16"	4	1/2"	1/4"	1.1/4"	4.3/4"	3.7/16"	4	1/2"	5/16"
1.1/2"	1.29/32"	5.1/4"	3.7/8"	4	1/2"	1/4"	1.1/2"	5.1/4"	3.7/8"	4	1/2"	11/32"
2"	2.3/8"	6"	4.1/2"	4	5/8"	5/16"	2"	6"	4.1/2"	4	5/8"	3/8"
2.1/2"	3"	6.1/2"	5"	4"	5/8"	5/16"	2.1/2"	6.1/2"	5"	4	5/8"	13/32"
3"	3.1/2"	7.1/4"	5.3/4"	4	5/8"	3/8"	3"	7.1/4"	5.3/4"	4	5/8"	7/16"
3.1/2"	4"	8"	6.1/2"	4	5/8"	3/8"	3.1/2"	8"	6.1/2"	8	5/8"	15/32"
4"	4.1/2"	8.1/2"	7"	4	5/8"	3/8"	4"	8.1/2"	7"	8	5/8"	1/2"
5"	5.1/2"	10"	8.1/4"	8	5/8"	1/2"	5"	10"	8.1/4"	8	5/8"	9/16"
6"	6.1/2"	11"	9.1/4"	8	5/8"	1/2"	6"	11"	9.1/4"	8	3/4"	11/16"
7"	7.1/2"	12"	10.1/4"	8	5/8"	1/2"	7"	12"	10.1/4"	8	3/4"	3/4"
8"	8.5/8"	13.1/4"	11.1/2"	8	5/8"	1/2"	8"	13.1/4"	11.1/2"	8	3/4"	3/4"
9"	9.5/8"	14.1/2"	12.3/4"	8	5/8"	5/8"	9"	14.1/2"	12.3/4"	12	3/4"	13/16"
10"	10.3/4"	16"	14"	8	3/4"	5/8"	10"	16"	14"	12	3/4"	7/8"
12"	12.3/4"	18"	16"	12	3/4"	5/8"	12"	18"	16"	12	7/8"	1"
14"	14"	20.3/4"	18.1/2"	12	7/8"	3/4"	14"	20.3/4"	18.1/2"	12	7/8"	1"
16"	16"	22.3/4"	20.1/2"	12	7/8"	3/4"	16"	22.3/4"	20.1/2"	12	7/8"	1"
18"	18"	25.1/4"	23"	12	7/8"	7/8"	18"	25.1/4"	23"	16	7/8"	1.1/8"
20"	20"	27.3/4"	25.1/4"	16	7/8"	1"	20"	27.3/4"	25.1/4"	16	7/8"	1.1/4"
24"	24"	32.1/2"	29.3/4"	16	1"	1.1/8"	24"	32.1/2"	29.3/4"	16	1"	1.1/2"

Table F for Working Pressure above 100 lbs and upto 150 lbs per Sq. Inch

Table H for Working Pressure above 150 lbs and upto 250 lbs per Sq Inch.

Nominal Pipe Size	O.D. of Flange	Dia of Bolt Circle	No. of Bolt	Dia of Bolt	Thickness	Nominal Pipe Size	Dia of Flange	Dia of Bolt Circle	No. of Bolt	Dia of Bolt	Thickness
1/2"	3.3/4"	2.5/8"	4	1/2"	3/8"	1/2"	4.1/2"	3.1/4"	4	5/8"	1/2"
3/4"	4"	2.7/8"	4	1/2"	3/8"	3/4"	4.1/2"	3.1/4"	4	5/8"	1/2"
1"	4.3/4"	3.7/16"	4	5/8"	3/8"	1"	4.3/4"	3.7/16"	4	5/8"	9/16"
1.1/4"	5.1/4"	3.7/8"	4	5/8"	1/2"	1.1/4"	5.1/4"	3.7/8"	4	5/8"	11/16"
1.1/2"	5.1/2"	4.1/8"	4	5/8"	1/2"	1.1/2"	5.1/2"	4.1/8"	4	5/8"	11/16"
2"	6.1/2"	5"	4	5/8"	5/8"	2"	6.1/2"	5"	4	5/8"	3/4"
2.1/2"	7.1/4"	5.3/4"	8	5/8"	5/8"	2.1/2"	7.1/4"	5.3/4"	8	5/8"	7/8"
3"	8"	6.1/2"	8	5/8"	5/8"	3"	8"	6.1/2"	8	5/8"	7/8"
3.1/2"	8.1/2"	7"	8	5/8"	3/4"	3.1/2"	8.1/2"	7"	8	5/8"	7/8"
4"	9"	7.1/2"	8	5/8"	3/4"	4"	9"	7.1/2"	8	5/8"	1"
5"	11"	9.1/4"	8	3/4"	7/8"	5"	11"	9.1/4"	8	3/4"	1.1/8"
6"	12"	10.1/4"	12	3/4"	7/8"	6"	12"	10.1/4"	12	3/4"	1.1/8"
7"	13.1/4"	11.1/2"	12	3/4"	7/8"	7"	13.1/4"	11.1/2"	12	3/4"	1.1/4"
8"	14.1/2"	12.3/4"	12	3/4"	1"	8"	14 1/2"	12 3/4"	12	3/4"	1.1/4"
9"	16"	14"	12	7/8"	1"	9"	16"	14"	12	7/8"	1.3/8"
10"	17"	15"	12	7/8"	1"	10"	17"	15"	12	7/8"	1.3/8"
12"	19.1/4"	17.1/4"	16	7/8"	1.1/8"	12"	19.1/4"	17.1/4"	16	7/8"	1.1/2"
14"	21.3/4"	19.1/2"	16	1"	1.1/4"	14"	21.3/4"	19.1/2"	16	1"	1.5/8"
16"	24"	21.3/4"	20	1"	1.1/4"	16"	24"	21.3/4"	20	1"	1.3/4"
18"	26.1/2"	24"	20	1.1/8"	1.3/8"	18"	26.1/2"	24"	20	1.1/8"	1.7/8"
20"	29"	26.1/2"	24	1.1/8"	1.1/2"	20"	29"	26.1/2"	24	1.1/8"	2"
24"	33.1/2"	30.3/4"	24	1.1/4"	1.5/8"	24"	33.1/2"	30.3/4"	24	1.1/4"	2.1/4"