

BS - 10 : 1962 FLANGES

TABLE D

Working pressure upto 50 lbs. per sq. Inch.

Nominal Pipe Size	O.D. of Pipe	Dia. of Flange	Dia. of Bolt Circle	No. of Bolt	Dia. of Bolt Holes	Thickness
1/2"	27/32"	3 3/4"	2 5/8"	4	9/16"	3/16"
3/4"	1 1/16"	4"	2 7/8"	4	9/16"	3/16"
1"	1 1/32"	4 1/2"	3 1/4"	4	9/16"	3/16"
1 1/4"	1 1/16"	4 3/4"	3 1/2"	4	9/16"	1/4"
1 1/2"	1 29/32"	5 1/4"	3 7/8"	4	9/16"	1/4"
2"	2 3/8"	6"	4 1/2"	4	9/16"	5/16"
2 1/2"	3"	6 1/2"	5"	4	11/16"	5/16"
3"	3 1/2"	7 1/4"	5 3/4"	4	11/16"	3/8"
3 1/2"	4"	8"	6 1/2"	4	11/16"	3/8"
4"	4 1/2"	8 1/2"	7"	4	11/16"	3/8"
5"	5 1/2"	10"	8 1/4"	8	11/16"	1/2"
6"	6 3/8"	11"	9 1/4"	8	11/16"	1/2"
7"	7 5/8"	12"	10 1/4"	8	11/16"	1/2"
8"	8 3/8"	13 1/4"	11 1/2"	8	11/16"	1/2"
9"	9 1/8"	14 1/2"	12 3/4"	8	11/16"	5/8"
10"	10 3/4"	16"	14"	8	7/8"	5/8"
12"	12 3/4"	18"	16"	12	7/8"	3/4"
14"	14"	20 3/4"	18 1/2"	12	1"	7/8"
16"	16"	22 3/4"	20 1/2"	12	1"	7/8"
18"	18"	25 1/4"	23"	12	1"	1"
20"	20"	27 3/4"	25 1/4"	16	1"	1 1/8"
22"	22"	30"	27 1/2"	16	1 1/8"	1 1/8"
24"	24"	32 1/2"	29 3/4"	16	1 1/8"	1 1/4"

TABLE E

Working pressure above 50 lbs. and upto 100 lbs. per sq. inch.

Nominal Pipe Size	Dia. of Flange	Dia. of Bolt Circle	No. of Bolt	Dia. of Bolt Holes	Thickness
1/2"	3 3/4"	2 5/8"	4	9/16"	1/4"
3/4"	4"	2 7/8"	4	9/16"	1/4"
1"	4 1/2"	3 1/4"	4	9/16"	9/32"
1 1/4"	4 3/4"	3 1/2"	4	9/16"	5/16"
1 1/2"	5 1/4"	3 7/8"	4	9/16"	11/32"
2"	6"	4 1/2"	4	11/16"	3/8"
2 1/2"	6 1/2"	5"	4	11/16"	13/32"
3"	7 1/4"	5 3/4"	4	11/16"	7/16"
3 1/2"	8"	6 1/2"	4	11/16"	15/32"
4"	8 1/2"	7"	8	11/16"	1/2"
5"	10"	8 1/4"	8	11/16"	9/16"
6"	11"	9 1/4"	8	7/8"	11/16"
7"	12"	10 1/4"	8	7/8"	3/4"
8"	13 1/4"	11 1/2"	8	7/8"	3/4"
9"	14 1/2"	12 3/4"	12	7/8"	13/16"
10"	16"	14"	12	7/8"	7/8"
12"	18"	16"	12	1"	1"
14"	20 3/4"	18 1/2"	12	1"	1 1/8"
16"	22 3/4"	20 1/2"	12	1"	1 1/4"
18"	25 1/4"	23"	16	1"	1 1/8"
20"	27 3/4"	25 1/4"	16	1"	1 1/2"
22"	30"	27 1/2"	16	1 1/8"	1 3/4"
24"	32 1/2"	29 3/4"	16	1 1/4"	1 1/8"

TABLE F

Working pressure above 100 lbs. and upto 150 lbs. per sq. inch.

Nominal Pipe Size	O.D. of Pipe	Dia. of Flange	Dia. of Bolt Circle	No. of Bolt	Dia. of Bolt Holes	Thickness
1/2"	27/32"	3 3/4"	2 5/8"	4	9/16"	3/8"
3/4"	1 1/16"	4"	2 7/8"	4	9/16"	3/8"
1"	1 1/32"	4 1/2"	3 1/4"	4	11/16"	3/8"
1 1/4"	1 1/16"	5 1/4"	3 7/8"	4	11/16"	1/2"
1 1/2"	1 29/32"	5 1/2"	4 1/8"	4	11/16"	1/2"
2"	2 3/8"	6 1/2"	5"	4	11/16"	5/8"
2 1/2"	3"	7 1/4"	5 3/4"	8	11/16"	5/8"
3"	3 1/2"	8"	6 1/2"	8	11/16"	5/8"
3 1/2"	4"	8 1/2"	7"	8	11/16"	3/4"
4"	4 1/2"	9"	7 1/2"	8	11/16"	3/4"
5"	5 1/2"	11"	9 1/4"	8	7/8"	7/8"
6"	6 3/8"	12"	10 1/4"	12	7/8"	7/8"
7"	7 5/8"	13 1/4"	11 1/2"	12	7/8"	7/8"
8"	8 3/8"	14 1/2"	12 3/4"	12	7/8"	1"
9"	9 1/8"	16"	14"	12	1"	1 1/8"
10"	10 3/4"	17"	15"	12	1"	1 1/8"
12"	12 3/4"	19 1/4"	17 1/4"	16	1"	1 3/8"
14"	14"	21 3/4"	19 1/2"	16	1 1/8"	1 3/8"
16"	16"	24"	21 3/4"	20	1 1/8"	1 7/8"
18"	18"	26 1/2"	24"	20	1 1/4"	1 3/4"
20"	20"	29"	26 1/2"	24	1 1/4"	2"
22"	22"	31"	28 1/2"	24	1 1/4"	2 1/8"
24"	24"	33 1/2"	30 3/4"	24	1 3/8"	2 1/4"

TABLE H

Working pressure above 150 lbs. and upto 250 lbs. per sq. inch

Nominal Pipe Size	Dia. of Flange	Dia. of Bolt Circle	No. of Bolt	Dia. of Bolt Holes	Thickness
1/2"	4 1/2"	3 1/4"	4	11/16"	1/2"
3/4"	4 1/2"	3 1/4"	4	11/16"	1/2"
1"	4 3/4"	3 1/2"	4	11/16"	9/16"
1 1/4"	5 1/4"	3 7/8"	4	11/16"	11/16"
1 1/2"	5 1/2"	4 1/8"	4	11/16"	11/16"
2"	6 1/2"	5"	4	11/16"	3/4"
2 1/2"	7 1/4"	5 3/4"	8	11/16"	3/4"
3"	8"	6 1/2"	8	11/16"	7/8"
3 1/2"	8 1/2"	7"	8	11/16"	7/8"
4"	9"	7 1/2"	8	3/4"	1"
5"	11"	9 1/4"	8	7/8"	1 1/8"
6"	12"	10 1/4"	12	7/8"	1 1/8"
7"	13 1/4"	11 1/2"	12	7/8"	1 1/4"
8"	14 1/2"	12 3/4"	12	7/8"	1 1/4"
9"	16"	14"	12	1"	1 3/8"
10"	17"	15"	12	1"	1 3/8"
12"	19 1/4"	17 1/4"	16	1"	1 3/8"
14"	21 3/4"	19 1/2"	16	1 1/8"	1 7/8"
16"	24"	21 3/4"	20	1 1/8"	2 1/8"
18"	26 1/2"	24"	20	1 1/4"	2 3/8"
20"	29"	26 1/2"	24	1 1/4"	2 5/8"
22"	31"	28 1/2"	24	1 1/4"	2 3/4"
24"	33 1/2"	30 3/4"	24	1 3/8"	3"