



BRITISH STANDARD PIPE FLANGES
Table D for Pressure up to 50 lbs. per Sq. Inch

Size	Outside Diameter <i>mm</i>	Inside Diameter <i>mm</i>	Pitch Circle Diameter <i>mm</i>	Flange Thickness <i>mm</i>	No. of Holes	Hole Diameter <i>mm</i>
½"	95.3	22.4	66.7	4.8	4	14.3
¾"	101.6	27.7	73.0	4.8	4	14.3
1"	114.3	34.5	82.6	4.8	4	14.3
1¼"	120.7	43.2	87.3	6.4	4	14.3
1½"	133.4	49.5	98.4	6.4	4	14.3
2"	152.4	62.0	114.3	7.9	4	17.5
2½"	165.1	74.7	127.0	7.9	4	17.5
3"	184.2	90.7	146.1	9.5	4	17.5
4"	215.9	116.1	177.8	9.5	4	17.5
5"	254.0	143.8	209.6	12.7	8	17.5
6"	279.4	170.7	235.0	12.7	8	17.5
8"	336.6	221.5	292.1	12.7	8	17.5
10"	406.4	276.4	355.6	15.9	8	22.2
12"	457.2	327.2	406.4	15.9	12	22.2
14"	527.1	359.2	469.9	19.1	12	25.4
16"	577.9	410.5	520.7	19.1	12	25.4
18"	641.4	461.8	584.2	22.2	12	25.4
20"	704.9	513.1	641.4	25.4	16	25.4
24"	825.5	616.0	755.7	28.6	16	28.6

Hole Diameter **includes** 1/16" increase for 1/2" and 5/8" bolts, and 1/8" increase for 3/4" and above.



BRITISH STANDARD PIPE FLANGES

Table E for Pressure above 50 lbs. and up to 100 lbs. per Sq. Inch

Size	Outside Diameter <i>mm</i>	Inside Diameter <i>mm</i>	Pitch Circle Diameter <i>mm</i>	Flange Thickness <i>mm</i>	No. of Holes	Hole Diameter <i>mm</i>
½"	95.3	22.4	66.7	6.4	4	14.3
¾"	101.6	27.7	73.0	6.4	4	14.3
1"	114.3	34.5	82.6	7.1	4	14.3
1¼"	120.7	43.2	87.3	7.9	4	14.3
1½"	133.4	49.5	98.4	8.7	4	14.3
2"	152.4	62.0	114.3	9.5	4	17.5
2½"	165.1	74.7	127.0	10.3	4	17.5
3"	184.2	90.7	146.1	11.1	4	17.5
4"	215.9	116.1	177.8	12.7	8	17.5
5"	254.0	143.8	209.6	14.3	8	17.5
6"	279.4	170.7	235.0	17.5	8	22.2
8"	336.6	221.5	292.1	19.1	8	22.2
10"	406.4	276.4	355.6	22.2	12	22.2
12"	457.2	327.2	406.4	25.4	12	25.4
14"	527.1	359.2	469.9	25.4	12	25.4
16"	577.9	410.5	520.7	25.4	12	25.4
18"	641.4	461.8	584.2	28.6	16	25.4
20"	704.9	513.1	641.4	31.8	16	25.4
24"	825.5	616.0	755.7	38.1	16	28.6

Hole Diameter **includes** 1/16" increase for 1/2" and 5/8" bolts, and 1/8" increase for 3/4" and above.



BRITISH STANDARD PIPE FLANGES

Table F for Pressure above 100 lbs. and up to 150 lbs. per Sq. Inch

Size	Outside Diameter <i>mm</i>	Inside Diameter <i>mm</i>	Pitch Circle Diameter <i>mm</i>	Flange Thickness <i>mm</i>	No. of Holes	Hole Diameter <i>mm</i>
½"	95.3	22.4	66.7	9.5	4	14.3
¾"	101.6	27.7	73.0	9.5	4	14.3
1"	120.7	34.5	87.3	9.5	4	17.5
1¼"	133.4	43.2	98.4	12.7	4	17.5
1½"	139.7	49.5	104.8	12.7	4	17.5
2"	165.1	62.0	127.0	15.9	4	17.5
2½"	184.2	74.7	146.1	15.9	8	17.5
3"	203.2	90.7	165.1	15.9	8	17.5
4"	228.6	116.1	190.5	19.1	8	17.5
5"	279.4	143.8	235.0	22.2	8	22.2
6"	304.8	170.7	260.4	22.2	12	22.2
8"	368.3	221.5	323.9	25.4	12	22.2
10"	431.8	276.4	381.0	25.4	12	25.4
12"	489.0	327.2	438.2	28.6	16	25.4
14"	552.5	359.2	495.3	31.8	16	28.6
16"	609.6	410.5	552.5	31.8	20	28.6
18"	673.1	461.8	609.6	34.9	20	31.8
20"	736.6	513.1	673.1	38.1	24	31.8
24"	850.9	616.0	781.1	38.1	24	34.9

Hole Diameter **includes** 1/16" increase for 1/2" and 5/8" bolts, and 1/8" increase for 3/4" and above.



BRITISH STANDARD PIPE FLANGES

Table H for Pressure above 150 lbs. and up to 250 lbs. per Sq. Inch

Size	Outside Diameter <i>mm</i>	Inside Diameter <i>mm</i>	Pitch Circle Diameter <i>mm</i>	Flange Thickness <i>mm</i>	No. of Holes	Hole Diameter <i>mm</i>
½"	114.3	22.4	82.6	12.7	4	17.5
¾"	114.3	27.7	82.6	12.7	4	17.5
1"	120.7	34.5	87.3	14.3	4	17.5
1¼"	133.4	43.2	98.4	17.5	4	17.5
1½"	139.7	49.5	104.8	17.5	4	17.5
2"	165.1	62.0	127.0	19.1	4	17.5
2½"	184.2	74.7	146.1	19.1	8	17.5
3"	203.2	90.7	165.1	22.2	8	17.5
4"	228.6	116.1	190.5	25.4	8	17.5
5"	279.4	143.8	235.0	28.6	8	22.2
6"	304.8	170.7	260.4	28.6	12	22.2
8"	368.3	221.5	323.9	31.8	12	22.2
10"	431.8	276.4	381.0	34.9	12	25.4
12"	489.0	327.2	438.2	38.1	16	25.4
14"	552.5	359.2	495.3	41.3	16	28.6
16"	609.6	410.5	552.5	44.5	20	28.6
18"	673.1	461.8	609.6	47.6	20	31.8
20"	736.6	513.1	673.1	50.8	24	31.8
24"	850.9	616.0	781.1	57.2	24	34.9

Hole Diameter **includes** 1/16" increase 5/8" bolts, and 1/8" increase for 3/4" and above.



BRITISH STANDARD PIPE FLANGES

Table J for Pressure above 250 lbs. and up to 350 lbs. per Sq. Inch

Size	Outside Diameter <i>mm</i>	Inside Diameter <i>mm</i>	Pitch Circle Diameter <i>mm</i>	Flange Thickness <i>mm</i>	No. of Holes	Hole Diameter <i>mm</i>
½"	114.3	22.4	82.6	15.9	4	17.5
¾"	114.3	27.7	82.6	15.9	4	17.5
1"	120.7	34.5	87.3	19.1	4	17.5
1¼"	133.4	43.2	98.4	19.1	4	17.5
1½"	139.7	49.5	104.8	22.2	4	17.5
2"	165.1	62.0	127.0	25.4	4	22.2
2½"	184.2	74.7	146.1	25.4	8	22.2
3"	203.2	90.7	165.1	31.8	8	22.2
4"	228.6	116.1	190.5	34.9	8	22.2
5"	279.4	143.8	235.0	38.1	8	25.4
6"	304.8	170.7	260.4	38.1	12	25.4
8"	368.3	221.5	323.9	41.3	12	25.4
10"	431.8	276.4	381.0	47.6	12	28.6
12"	489.0	327.2	438.2	50.8	16	28.6
14"	552.5	359.2	495.3	54.0	16	31.8
16"	609.6	410.5	552.5	57.2	20	31.8
18"	673.1	461.8	609.6	60.3	20	34.9
20"	736.6	513.1	673.1	63.5	24	34.9
24"	850.9	616.0	781.1	69.9	24	38.1

Hole Diameter **includes** 1/16" increase for 5/8" bolts, and 1/8" increase for 3/4" and above.