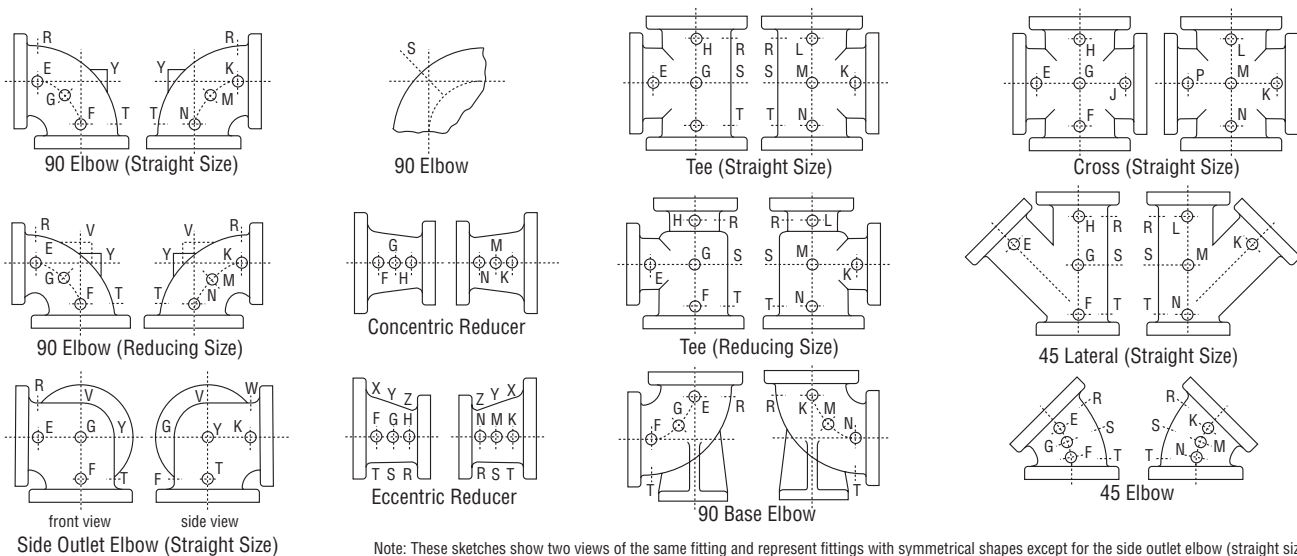


## Bolt Template For Drilling Flanged Fittings

Bolt Template for Drilling Flanged Fittings																		
Pipe Size		Flange Dia.		Min. Flange Thickness		Bolt Circle Dia.		No of bolts	Bolt Hole Dia.		Dia. of Bolt		Length of Bolt		Ring Gasket I.D.		Ring Gasket O.D.	
NPS	DN	in	mm	in	mm	in	mm		in	mm	in	mm	in	mm	in	mm	in	mm
3/4	20	3 7/8	98	7/16	11	2 3/4	70	4	5/8	16	1/2	13	1 3/4	44	1 1/16	27	2 1/4	57
1	25	4 1/4	108	7/16	11	3 1/8	79	4	5/8	16	1/2	13	1 3/4	44	1 5/16	33	2 5/8	67
1 1/4	32	4 5/8	117	1/2	13	3 1/2	89	4	5/8	16	1/2	13	2	51	1 21/32	42	3	76
1 1/2	40	5	127	9/16	14	3 7/8	98	4	5/8	16	1/2	13	2	51	1 29/32	48	3 3/8	86
2	50	6	152	5/8	16	4 3/4	121	4	3/4	19	5/8	16	2 1/4	57	2 3/8	60	4 1/8	105
2 1/2	65	7	178	11/16	17	5 1/2	140	4	3/4	19	5/8	16	2 1/2	64	2 7/8	73	4 7/8	124
3	80	7 1/2	191	3/4	19	6	152	4	3/4	19	5/8	16	2 1/2	64	3 1/2	89	5 3/8	137
3 1/2	90	8 1/2	216	13/16	22	7	178	8	3/4	19	5/8	16	2 3/4	70	4	102	6 3/8	162
4	100	9	229	15/16	24	7 1/2	191	8	3/4	19	5/8	16	3	76	4 1/2	114	6 7/8	175
5	125	10	254	15/16	24	8 1/2	216	8	7/8	22	3/4	19	3	76	5 5/16	141	7 3/4	197
6	150	11	279	1	25	9 1/2	241	8	7/8	22	3/4	19	3 1/4	83	6 5/8	168	8 3/4	222
8	200	13 1/2	343	1 1/8	29	11 3/4	298	8	7/8	22	3/4	19	3 1/2	89	8 5/8	219	11	279
10	250	16	406	1 3/16	30	14 1/4	362	12	1	25	7/8	22	3 3/4	95	10 3/4	273	13 3/8	340
12	300	19	483	1 1/4	32	17	432	12	1	25	7/8	22	3 3/4	95	12 3/4	324	16 1/8	410
14 O.D.	350 O.D.	21	533	1 3/8	35	18 3/4	476	12	1 1/8	29	1	25	4 1/4	108	14	356	17 3/4	451
16 O.D.	400 O.D.	23 1/2	597	1 7/16	37	21 1/4	540	16	1 1/8	29	1	25	4 1/2	114	16	406	20 1/4	514
18 O.D.	450 O.D.	25	635	1 9/16	40	22 3/4	578	16	1 1/4	32	1 1/8	29	4 3/4	121	18	457	21 5/8	549
20 O.D.	500 O.D.	27 1/2	699	1 11/16	43	25	635	20	1 1/4	32	1 1/8	29	5	127	20	508	23 3/8	606
24 O.D.	600 O.D.	32	813	1 7/8	48	29 1/2	749	20	1 3/8	35	1 1/4	32	5 1/2	140	24	610	28 1/4	718

Drilling templates are in multiples of four, so that fittings may be made to face in any quarter. Bolt holes straddle the center line.

### Method of designating location of tapped holes for drains when specified Class 125 (standard)



Note: See page 62 for pressure-temperature ratings.