



**DIMENSIONS OF CLASS 1500 FLANGES (ANSI B 16.5)**

(in mm)

Nominal Pipe Size (inch)	Flange Dia O	Dia of Bolt Circle A	Dia of Bolt Holes D	No. of Holes	Thk of Flange C	Dia of Hub E	Length through Hub			Dia of Bore		Dia of R/F R	Depth of Socket F	
							S/o & S/w, Y	W/N Y	L/J Y	S/O & S/W B	L/J B			
1/2	15	120	82.6	22.2	4	22.3	32	60	32	22.2	22.9	34.9	10	
3/4	20	130	88.9	22.2	4	25.4	44	35	70	35	27.7	28.2	42.9	11
1	25	150	101.6	25.4	4	28.6	52	41	73	41	34.5	34.9	50.8	13
1.1/4	32	160	111.1	25.4	4	28.6	64	41	73	41	43.2	43.7	63.5	14
1.1/2	40	180	123.8	28.6	4	31.8	70	44	83	44	49.5	50.0	73.0	16
2	50	215	165.1	25.4	8	38.1	105	57	102	57	61.9	62.5	92.1	17
2.1/2	65	245	190.5	28.6	8	41.3	124	64	105	64	74.6	75.4	104.8	19
3	80	265	203.2	31.7	8	47.7	133	73	117	73	90.7	91.4	127.0	-
4	100	310	241.3	34.9	8	54.0	162	91	124	90	116.1	116.8	157.2	-
5	125	375	292.1	41.3	8	73.1	197	105	156	105	143.8	144.4	185.7	-
6	150	395	317.5	38.1	12	82.6	229	119	171	119	170.7	171.4	215.9	-
8	200	485	393.7	44.4	12	92.1	292	143	213	143	221.5	222.2	269.9	-
10	250	585	482.6	50.8	12	105.0	368	159	254	178	276.3	277.4	323.8	-
12	300	675	571.5	54.0	16	123.9	451	181	283	219	327.1	328.2	381.0	-

**DIMENSIONS OF CLASS 2500 FLANGES (ANSI B 16.5)**

(in mm)

Nominal Pipe Size (inch)	Flange Dia O	Dia of Bolt Circle A	Dia of Bolt Holes D	No. of Holes	Thk of Flange C	Dia of Hub E	Length through Hub			Dia of Bore		Dia of R/F R	Depth of Socket F	
							S/o & S/w, Y	W/N Y	L/J Y	S/O & S/W B	L/J B			
1/2	15	135	88.9	22.2	4	30.2	40	73	40	22.3	22.9	34.9	10	
3/4	20	140	95.2	22.2	4	31.8	51	43	79	43	28.2	28.2	42.9	11
1	25	160	108.0	25.4	4	35.0	57	48	89	48	34.9	34.9	50.8	13
1.1/4	32	185	130.2	28.6	4	38.1	73	52	95	52	43.7	43.7	63.5	14
1.1/2	40	205	146.0	31.7	4	44.5	79	60	111	60	50.0	50.0	73.0	16
2	50	235	171.4	28.6	8	50.9	95	70	127	70	62.5	62.5	92.1	17
2.1/2	65	265	196.8	31.7	8	57.2	114	79	143	79	75.4	75.4	104.8	19
3	80	305	228.6	34.9	8	66.7	133	92	168	92	91.4	91.4	127.0	-
4	100	355	273.0	41.3	8	76.2	165	108	190	108	116.8	116.8	157.2	-
5	125	420	323.8	47.6	8	92.1	203	130	229	130	144.4	144.4	185.7	-
6	150	485	368.3	54.0	8	108.0	235	152	273	152	171.4	171.4	215.9	-
8	200	550	438.2	54.0	12	127.0	305	178	318	178	222.2	222.2	269.9	-
10	250	675	539.8	66.7	12	165.1	375	229	419	229	277.4	277.4	323.8	-
12	300	760	619.1	73.0	12	184.2	441	254	464	254	328.2	328.2	381.0	-

1) Thickness 'C' is Exclusive of Raised Face Thickness of 7 MM. For Class 1500 and 2500.  
2) For weld neck Bore Dia to be specified by purchaser or Neck thickness to be specified by purchaser.