

# FLANGES



## CLASS 300 FLANGES

### ANSI B16.5 FORGED FLANGES

Nominal Pipe Size	Outside Diam.	Thick-ness	O.D. of Raised Face	DRILLING	BOLTING				APPROXIMATE WEIGHT				
					Number of Holes	Diam. of Bolts	Machine Bolt Length	Stud Bolt Length		Welding Neck	Slip-on and Threaded	Lap Joint	Blind
				Raised Face			Raised Face	Ring Joint	kg	kg	kg	kg	kg
1/2	3.75	0.56	1.38	4	1/2	2.25	2.5	3	0.78	0.62	0.61	0.62	0.62
3/4	4.62	0.62	1.69	4	1/2	2.5	3	3.5	1.34	1.15	1.15	1.16	1.19
1	4.88	0.69	2	4	1/2	2.5	3	3.5	1.64	1.39	1.38	1.42	1.44
1 1/4	5.25	0.75	2.5	4	1/2	2.75	3.25	3.75	2.06	1.67	1.66	1.79	1.73
1 1/2	6.12	0.81	2.88	4	1/2	3	3.5	4	3.06	2.53	2.52	2.68	2.62
2	6.5	0.88	3.62	8	5/8	3	3.5	4	3.4	2.8	2.79	3.09	2.94
2 1/2	7.5	1	4.12	8	5/8	3.25	4	4.5	5.31	4.25	4.22	4.75	4.49
3	8.25	1.12	5	8	5/8	3.5	4.25	4.75	7.32	5.81	5.78	6.79	6.2
3 1/2	9	1.19	5.5	8	5/8	3.75	4.25	5	8.17	7.72	7.72	9.53	-
4	10	1.25	6.19	8	5/8	3.75	4.5	5	11.3	10.13	10.07	12	-
5	11	1.38	7.31	8	3/4	4.25	4.75	5.25	15.12	12.58	12.52	15.96	-
6	12.5	1.44	8.5	12	3/4	4.25	4.75	5.5	19.68	16.04	15.95	21.2	-
8	15	1.62	10.62	12	3/4	4.75	5.5	6	30.48	24.5	24.37	34.6	-
10	17.5	1.88	12.75	16	7/8	5.5	6.25	6.75	43.74	34.16	39.92	55.34	-
12	20.5	2	15	16	7/8	5.75	6.75	7.25	64.41	51.26	58.7	78.9	-
14	23	2.12	16.25	20	1	6.25	7	7.5	88.3	72.12	83.46	107.05	-
16	25.5	2.25	18.5	20	1	6.5	7.5	8	112.94	90.4	106.14	139.25	-
18	28	2.38	21	24	1 1/8	6.75	7.75	8.25	138.34	109	133.95	176.9	-
20	30.5	2.5	23	24	1 1/8	7.25	8	8.75	167.37	136	157.65	223.17	-
24	32	2.75	27.25	24	1 1/4	8	9	10	235.41	204	240.4	342	-