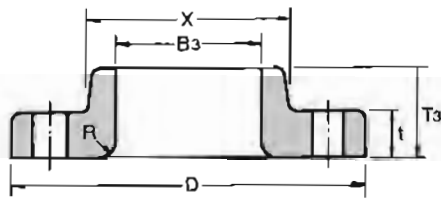
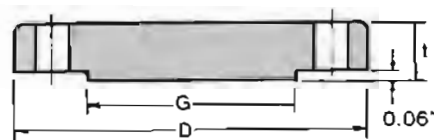


THREADED



LAP JOINT



BLIND

Dimensions in inches

Depth of Socket	DRILLING			BOLTING				APPROXIMATE WEIGHT												Nominal Pipe Size
	Bolt Circle Diam.	Number of Holes	Diam. of Holes	Diam. of Bolts	Machine Bolt Length	Stud Bolt Length		Welding Neck		Slip-on and Threaded		Lap Joint		Blind		Socket Welding				
																		Raised Face	Raised Face	
Y																				
0.38	2.38	4	0.62	½	2.00	2.25	—	0.51	1.10	0.47	1.00	0.51	1.00	0.47	1.00	0.47	1.00	1 ½		
0.44	2.75	4	0.62	½	2.00	2.50	—	0.73	1.60	0.58	1.30	0.64	1.40	0.63	1.40	0.59	1.30	¾		
0.50	3.12	4	0.62	½	2.25	2.50	3.00	1.07	2.40	0.86	1.90	0.93	1.80	0.94	2.10	0.87	1.90	1		
0.56	3.50	4	0.62	½	2.25	2.75	3.25	1.40	3.10	1.08	2.40	1.16	2.00	1.23	2.70	1.11	2.40	1 ¼		
0.62	3.88	4	0.62	½	2.50	2.75	3.25	1.81	4.00	1.41	3.10	1.51	3.30	1.62	3.60	1.45	3.20	1 ½		
0.69	4.75	4	0.75	¾	2.75	3.25	3.75	2.59	5.70	2.26	5.00	2.38	5.20	2.64	5.80	2.33	5.00	2		
0.75	5.50	4	0.75	¾	3.00	3.50	4.00	4.28	9.40	3.43	7.60	3.60	7.90	4.06	9.00	3.55	7.80	2 ½		
0.81	6.00	4	0.75	¾	3.00	3.50	4.00	5.18	11.40	3.87	8.50	4.04	8.90	4.90	10.80	4.02	8.90	3		
0.88	7.00	8	0.75	¾	3.00	3.50	4.00	5.45	12.00	4.99	11.00	4.99	11.00	5.90	13.00	4.99	11.00	3 ½		
0.94	7.50	8	0.75	¾	3.00	3.50	4.00	7.32	16.10	5.75	12.70	5.96	13.00	7.41	16.30	5.99	13.20	4		
0.94	8.50	8	0.88	¾	3.25	3.75	4.25	8.91	19.60	6.22	13.70	6.44	14.00	8.76	19.30	6.68	14.70	5		
1.06	9.50	8	0.88	¾	3.25	4.00	4.50	11.26	24.80	7.38	16.30	7.59	16.70	11.31	24.90	7.99	17.60	6		
1.25	11.75	8	0.88	¾	3.50	4.25	4.75	17.68	39.00	12.36	27.30	12.66	27.90	19.92	43.90	13.29	29.30	8		
1.31	14.25	12	1.00	1	4.00	4.50	5.00	24.79	54.70	17.10	37.70	16.78	37.00	29.39	64.80	19.50	43.00	10		
1.56	17.00	12	1.00	1	4.00	4.75	5.25	38.98	85.90	27.68	61.00	28.30	62.40	43.70	96.30	29.03	64.00	12		
1.63	18.75	12	1.12	1	4.50	5.25	5.75	51.71	114.00	35.20	77.60	41.50	91.50	59.42	140.00	38.56	85.00	14		
1.75	21.25	16	1.12	1	4.50	5.25	5.75	64.41	142.00	42.18	93.00	52.98	116.80	77.11	170.00	44.49	98.00	16		
1.94	22.75	16	1.25	1 ¼	5.00	5.75	6.25	74.84	165.00	49.71	109.60	59.00	130.00	94.80	209.00	54.43	120.00	18		
2.13	25.00	20	1.25	1 ¼	5.50	6.25	6.75	89.36	197.00	65.50	140.00	72.12	159.00	123.38	272.00	70.31	155.00	20		
2.50	29.50	20	1.38	1 ¼	6.00	6.75	7.25	119.66	263.80	90.50	199.50	99.02	218.30	188.24	415.00	95.25	210.00	24		

(4) Blind Flanges may be made with the same hub as that used for Slip-on Flanges or without hub.

(5) The gasket surface and backside (bearing surface for bolting) are made parallel within 1 degree. To accomplish parallelism, spot facing is carried out according to MSS SP-9, without reducing thickness (t).

(6) Depth of Socket (Y) is covered by ANSI B16.5 only in sizes through 3 inch, over 3 inch is at the manufacturer's option.