



All dimensions are in inches.  
Blind flanges shall be machined with center island to match the mating flange.

**TABLE 7 AWWA C207-18 CLASS E BLIND FLANGES**

<u>Nominal Pipe Size</u>	<u>Outside Diameter (A)</u>	<u>Minimum Thickness (T)</u>	<u>Number of Bolt Holes</u>	<u>Diameter of Bolt Holes</u>	<u>Diameter of Bolt Circle (C)</u>	<u>Approximate Weight (lbs)</u>
4	9.00	1.125	8	0.750	7.50	23
5	10.00	1.188	8	0.875	8.50	29
6	11.00	1.313	8	0.875	9.50	39
8	13.50	1.500	8	0.875	11.75	66
10	16.00	1.563	12	1.000	14.25	96
12	19.00	1.750	12	1.000	17.00	151
14	21.00	1.875	12	1.125	18.75	196
16	23.50	2.000	16	1.125	21.25	261
18	25.00	2.125	16	1.250	22.75	313
20	27.50	2.375	20	1.250	25.00	431
22	29.50	2.500	20	1.375	27.25	520
24	32.00	2.625	20	1.375	29.50	641
26	34.25	2.750	24	1.375	31.75	767
28	36.50	2.750	28	1.375	34.00	871
30	38.75	2.875	28	1.375	36.00	1023
32	41.75	3.000	28	1.625	38.50	1236
34	43.75	3.050	32	1.625	40.50	1379
36	46.00	3.209	32	1.625	42.75	1599
38	48.75	3.394	32	1.625	45.25	1894
40	50.75	3.533	36	1.625	47.25	2132
42	53.00	3.695	36	1.625	49.50	2427
44	55.25	3.857	40	1.625	51.75	2747
46	57.25	3.997	40	1.625	53.75	3052
48	59.50	4.159	44	1.625	56.00	3424
50	61.75	4.327	44	1.875	58.25	3830
52	64.00	4.489	44	1.875	60.50	4262
54	66.25	4.651	44	1.875	62.75	4725
60	73.00	5.116	52	1.875	69.25	6288
66	80.00	5.601	52	1.875	76.00	8243
72	86.50	6.066	60	1.875	82.50	10411