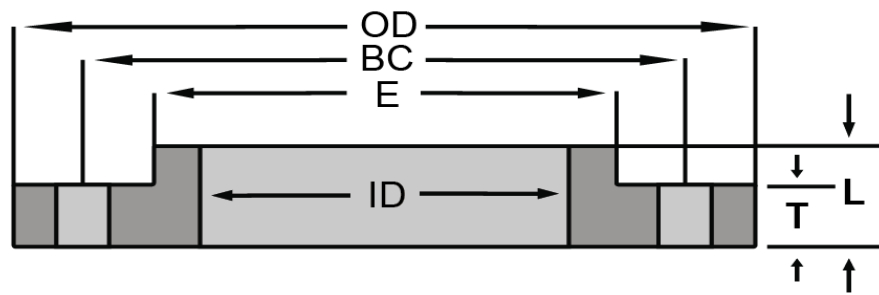




AWWA C207-13 Class D & E STEEL HUB FLANGES

Note: AWWA dropped hub flanges from the C207 standard in 2013. These dimensions are being provided for industry reference.



Nominal size	Outside Diameter (OD)	Slip-on Bore (ID)	No. of Bolt Holes	Diameter Of Holes	Bolt Circle (BC)	Flange Dimensions Class D			Flange Dimensions Class E		
						(T)	(L)	(E)	(T)	(L)	(E)
4	9.00	4.57	8	0.750	7.50	0.500	0.875	5.312	0.938	1.312	5.312
5	10.00	5.66	8	0.875	8.50	0.562	1.250	6.312	0.938	1.438	6.438
6	11.00	6.72	8	0.875	9.50	0.562	1.250	7.562	1.000	1.562	7.562
8	13.50	8.72	8	0.875	11.75	0.562	1.250	9.688	1.125	1.750	9.688
10	16.00	10.88	12	1.000	14.25	0.688	1.250	12.000	1.188	1.938	12.000
12	19.00	12.88	12	1.000	17.00	0.688	1.250	14.375	1.250	2.188	14.375
14	21.00	14.19	12	1.125	18.75	0.750	1.250	15.750	1.375	2.250	15.750
16	23.50	16.19	16	1.125	21.25	0.750	1.250	18.000	1.438	2.500	18.000
18	25.00	18.19	16	1.250	22.75	0.750	1.250	19.875	1.562	2.688	19.875
20	27.50	20.19	20	1.250	25.00	0.750	1.250	22.000	1.688	2.875	22.000
22	29.50	22.19	20	1.375	27.25	1.000	1.750	24.250	1.812	3.125	24.000
24	32.00	24.19	20	1.375	29.50	1.000	1.750	26.125	1.875	3.250	26.125
26	34.25	26.25	24	1.375	31.75	1.000	1.750	28.500	2.000	3.375	28.500
28	36.50	28.25	28	1.375	34.00	1.000	1.750	30.500	2.062	3.438	30.750
30	38.75	30.25	28	1.375	36.00	1.000	1.750	32.500	2.125	3.500	32.750
32	41.75	32.25	28	1.625	38.50	1.125	1.750	34.750	2.250	3.625	35.000
34	43.75	34.25	32	1.625	40.50	1.125	1.750	36.750	2.312	3.688	37.000
36	46.00	36.25	32	1.625	42.75	1.125	1.750	38.750	2.375	3.750	39.250
38	48.75	38.25	32	1.625	45.25	1.125	1.750	40.750	2.375	3.750	41.750
40	50.75	40.25	36	1.625	47.25	1.125	1.750	43.000	2.500	3.875	43.750
42	53.00	42.25	36	1.625	49.50	1.250	1.750	45.000	2.625	4.000	46.000
44	55.25	44.25	40	1.625	51.75	1.250	2.250	47.000	2.625	4.000	48.000
46	57.25	46.25	40	1.625	53.75	1.250	2.250	49.000	2.688	4.062	50.000
48	59.50	48.25	44	1.625	56.00	1.375	2.500	51.000	2.750	4.125	52.250
50	61.75	50.25	44	1.875	58.25	1.375	2.500	53.000	2.750	4.125	54.250
52	64.00	52.25	44	1.875	60.50	1.375	2.500	55.000	2.875	4.250	56.500
54	66.25	54.25	44	1.875	62.75	1.375	2.500	57.000	3.000	4.375	58.750
60	73.00	60.25	52	1.875	69.25	1.500	2.750	63.000	3.125	4.500	65.250
66	80.00	66.25	52	1.875	76.00	1.500	2.750	69.000	3.375	4.875	71.500
72	86.50	72.25	60	1.875	82.50	1.500	2.750	75.000	3.500	5.000	78.500
78	93.00	78.25	64	2.125	89.00	1.750	3.000	81.250	3.875	5.375	84.500
84	99.75	84.25	64	2.125	95.50	1.750	3.000	87.500	3.875	5.375	90.500
90	106.50	90.25	68	2.375	102.00	2.000	3.250	93.750	4.250	5.750	96.750
96	113.25	96.25	68	2.44	108.50	2.000	3.250	100.000	4.250	5.750	102.750

Dimensions in inches

Overboring of Flanges: Hub flanges are intended to be used on pipes having an OD equal to the nominal pipe size as shown in the first column of this table. Ring flanges (Class B, D, E, and F) may be overbored or counterbored to accommodate pipes having larger OD's.