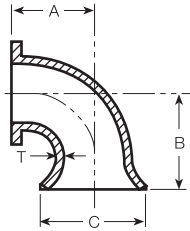
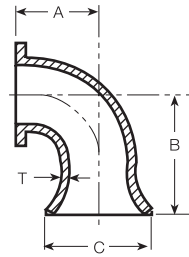




**AMERICAN Ductile Iron Specials
Flange and Flare
90° Bends**



Short Radius



Long Radius

Table No. 7-7

Size	T	C	Short Radius 90 Degree Flare Bends			Long Radius 90 Degree Flare Bends		
			A	B	Wt.	A	B	Wt.
4	0.52	9.00	6.50	12.00	45	9.00	14.50	50
6	0.55	11.00	8.00	12.00	75	11.50	15.50	90
8	0.60	13.50	9.00	14.00	120	14.00	19.00	155
10	0.68	16.00	11.00	17.00	195	16.50	22.50	250
12	0.75	19.00	12.00	18.00	275	19.00	25.00	375
14	0.66	21.00	14.00	21.50	310	21.50	29.00	400
16	0.70	23.50	15.00	23.00	395	24.00	32.00	530
18	0.75	25.00	16.50	25.00	495	26.50	35.00	675
20	0.80	27.50	18.00	27.00	630	29.00	38.00	865
24	0.89	32.00	22.00	32.50	995	34.00	44.50	1335
30	1.03	38.75	25.00	36.00	1970	41.50	48.50	2190
36	1.15	46.00	28.00	38.00	2730	49.00	56.00	3465
42	1.28	53.00	31.00	35.00	3200	56.50	63.50	5150
48	1.42	59.50	34.00	46.00	5235	64.00	71.00	6725

* 54" and 60" castings have wall thicknesses that are per AWWA C153. All other wall thicknesses are per C100.

** Contact AMERICAN for 64" Flare dimensions.

Since above fittings are not included in AWWA C110, A, B, and C dimensions above should be specified on engineering drawings.

Other joints can be furnished in lieu of flanges in some sizes.

See general notes on page 7-1.