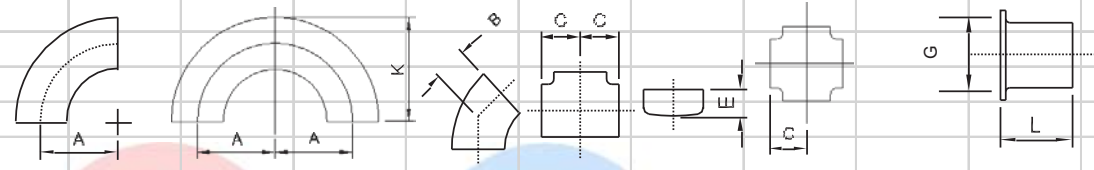


## BUTTWELD DIMENSIONS

Dimensions of Butt Weld Fittings												
												
Nominal Pipe Size (in)	Outer Diam. OD (in)	90° Ell		180° Bends		45° Ell (in) B	Tees (in) C	Caps (in) E	Cosses (in) C	Stub Ends		
		Long R (in) A	Short R (in) A	Long R (in) K	Short R (in) K					Lap OD (in) G	ANSI (in) L	MSS (in) L
1/2	0.84	1 1/2	–	1 7/8	–	5/8	1	1	–	1 3/8	3	2
3/4	1.05	1 1/8	–	1 11/16	–	7/16	1 1/8	1	–	1 11/16	3	2
1	1.315	1 1/2	1	2 3/16	1 5/8	7/8	1 1/2	1 1/2	–	2	4	2
1 1/4	1.66	1 7/8	1 1/4	2 3/4	2 1/16	1	1 7/8	1 1/2	1 7/8	2 1/2	4	2
1 1/2	1 9/10	2 1/4	1 1/2	3 1/4	2 7/16	1 1/8	2 1/4	1 1/2	2 1/4	2 7/8	4	2
2	2 3/8	3	2	4 3/16	3 3/16	1 3/8	2 1/2	1 1/2	2 1/2	3 5/8	6	2 1/2
2 1/2	2 7/8	3 3/4	2 1/2	5 3/16	3 15/16	1 3/4	3	1 1/2	3	4 1/8	6	2 1/2
3	3 1/2	4 1/2	3	6 1/4	4 3/4	2	3 3/8	2	3 3/8	5	6	2 1/2
3 1/2	4	5 1/4	3 1/2	7 1/4	5 1/2	2 1/4	3 3/4	2 1/2	3 3/4	5 1/2	6	3
4	4 1/2	6	4	8 1/4	6 1/4	2 1/2	4 1/8	2 1/2	4 1/8	6 3/16	6	3
5	5 9/16	7 1/2	5	10 5/16	7 3/4	3 1/8	1 7/8	3	4 7/8	7 5/16	8	3
6	6 5/8	9	6	12 5/16	9 5/16	3 3/4	5 5/8	3 1/2	5 5/8	8 1/2	8	3 1/2
8	8 5/8	12	8	16 5/16	12 5/16	5	7	4	7	10 5/8	8	4
10	10 3/4	15	10	20 3/8	15 3/8	6 1/4	8 1/2	5	8 1/2	12 3/4	10	5
12	12 3/4	18	12	24 3/8	18 3/8	7 1/2	10	6	10	15	10	6
14	14	21	14	28	21	8 3/4	11	6 1/2	11	16 1/4	12	6
16	16	24	16	32	24	10	12	7	12	18 1/2	12	6
18	18	27	18	36	27	11 1/4	13 1/2	8	13 1/2	21	12	6
20	20	30	20	40	30	12 1/2	15	9	15	23	12	6
22	22	33	22	44	–	13 1/2	16 1/2	10	16 1/2	–	–	–
24	24	36	24	48	36	15	17	10 1/2	17	27 1/4	12	6
26	26	39	26	52	–	16	19 1/2	10 1/2	–	–	–	–
30	30	45	30	60	45	18 1/2	22	10 1/2	–	–	–	–
34	34	51	34	–	–	21	25	10 1/2	–	–	–	–
36	36	54	36	–	54	22 1/4	26 1/2	10 1/2	–	–	–	–
42	42	63	42	–	–	26	–	12	–	–	–	–