



**BUTT WELDING FITTINGS WEIGHT (Lbs)**

STANDARD WEIGHT											
NOMINAL PIPE SIZE	90 ELBOW		45 ELBOW	180 RETURN		TEE	LAP JOINT STUB ENDS		CAP	CROSS	LATERAL
	LONG RADIUS	SHORT RADIUS	LONG RADIUS	LONG RADIUS	SHORT RADIUS		ASA LENGTH	MSS LENGTH			
1/2"	0.18	...	0.09	0.35	...	0.35	0.3	0.25	0.12	...	...
3/4"	0.19	...	0.09	0.4	...	0.45	0.4	0.34	0.16	0.75	1.2
1"	0.4	0.25	0.25	0.75	0.5	0.75	0.68	0.43	0.2	1.2	1.71
1-1/4"	0.6	0.4	0.38	1.25	0.8	1.3	0.93	0.6	0.3	1.98	2.44
1-1/2"	0.9	0.56	0.4	1.88	1.13	2	1.14	0.75	0.4	2.78	3.27
2"	1.6	1	0.81	3.23	2	3.5	2.22	1.22	0.6	4.7	5.04
2-1/2"	3.25	2.13	1.75	6.5	4.25	6	3.51	1.82	0.9	7.35	9.23
3"	5	3	2.63	10.2	6	7	4.7	2.49	1.5	8.45	12.6
3-1/2"	6.75	4.5	3.5	13	9	9	5.65	3.36	2	11.2	17.2
4"	9	6.25	4.5	18.5	12.5	12	6.81	4.12	2.5	16	20.8
5"	15.5	9.6	7.5	30	19	21	11.8	5.69	4.5	27.8	31.4
6"	24.4	18	12	50	35	34	15.3	8.28	6.5	43.1	42.4
8"	50	34	23	95	68	55	23.1	13.6	12	67.5	76.4
10"	88	58	43	177	115	85	39.9	23	20	103	124
12"	125	80	62	230	155	120	49.2	32.7	30	145	180
14"	160	105	80	235	210	165	63.8	37.6	36	198	218
16"	206	132	100	412	360	195	73.9	46.3	40	244	275
18"	260	167	126	510	330	249	85.2	64	54	299	326
20"	320	210	160	640	410	342	94.7	74.2	75	414	396
24"	460	298	238	890	590	528	116	116	96	636	544
30"	734	464	367	1465	930	...	...	...	...	...	...
36"	1062	671	531	2121	1342	...	...	...	...	...	...

EXTRA STRONG											
NOMINAL PIPE SIZE	90 ELBOW		45 ELBOW	180 RETURN		TEE	LAP JOINT STUB ENDS		CAP	CROSS	LATERAL
	LONG RADIUS	SHORT RADIUS	LONG RADIUS	LONG RADIUS	SHORT RADIUS		ASA LENGTH	MSS LENGTH			
1/2"	0.25	...	0.19	0.65	...	0.45	0.38	0.15	...	...	...
3/4"	0.25	...	0.19	0.65	...	0.6	0.51	0.2	...	...	...
1"	0.5	0.41	0.31	1	0.74	0.88	0.87	0.3	1.45	2.52	...
1-1/4"	0.9	0.63	0.5	1.75	1.1	1.6	1.24	0.4	2.7	3.86	...
1-1/2"	1.15	0.75	0.69	2.39	1.5	2.25	1.51	0.5	3.74	5.44	...
2"	2.2	1.5	1.19	4.4	3	4	3.1	0.75	5.5	7.76	...
2-1/2"	4	2.8	2.13	8	5.6	7	4.64	1	8.37	13.5	...
3"	6.5	4.25	3.5	13	8.5	8.5	6.36	1.75	10.9	18.8	...
3-1/2"	8.35	6	4.5	16.7	12	12	7.71	2.5	15.3	25.6	...
4"	13.5	8.5	6.1	25	17	15.7	9.37	3	19.1	32.8	...
5"	22	14	10.7	44	28	26	16.7	5.5	33.2	49.8	...
6"	35	23	17.5	70	46	40	23	9	50.8	79.4	...
8"	71	47.5	35	142	100	75	34.9	16	92.5	140	...
10"	107	70	53	215	140	105	53.6	25	138	202	...
12"	160	104	84	320	218	160	64.7	36	224	273	...
14"	205	140	100	400	275	240	84	45	289	340	...
16"	276	174	135	550	340	280	97.4	54	338	433	...
18"	340	219	167	690	430	332	112	72	397	526	...
20"	420	275	206	830	550	480	126	86	578	628	...
24"	600	392	300	1200	780	610	152	130	728	882	...
30"	975	618	488	1950	1235	...	...	...	...	...	...
36"	1412	904	706	2824	1808	...	...	...	...	...	...



STANDARD WEIGHT			
NOMINAL PIPE SIZE	REDUCING TEE	REDUCING CROSS	CONCENTRIC & ECCENTRIC
3/4 X 1/2	0.5	0.63	0.17
1 x 1/2	0.88	1.06	0.4
1 x 3/4	0.93	1.12	0.4
1-1/4 x 1/2	1.5	1.8	0.4
1-1/4 x 3/4	1.5	1.83	0.4
1-1/4 x 1/2	1.5	1.87	0.5
1-1/2 x 1/2	2	2.4	0.5
1-1/2 x 3/4	2.13	2.58	0.54
1-1/2 x 1	2.18	2.62	0.62
1-1/2 x 1-1/4	2.25	2.7	0.7
2 x 3/4	3.25	3.9	0.7
2 x 1	3.5	4.2	0.76
2 x 1-1/4	3.6	4.32	0.84
2 x 1-1/2	3.75	4.5	0.9
2-1/2 x 1	5	6	1.25
2-1/2 x 1-1/4	5.25	6.3	1.25
2-1/2 x 1-1/2	5.5	6.6	1.38
2-1/2 x 2	6	7.2	1.5
3 x 1-1/4	6.25	7.5	1.6
3 x 1-1/2	6.25	7.58	1.7
3 x 2	6.5	7.8	1.8
3 x 2-1/2	6.75	8	2
3-1/2 x 1-1/2	8	9.5	2.5
3-1/2 x 2	8.3	9.95	2.75

STANDARD WEIGHT			
NOMINAL PIPE SIZE	REDUCING TEE	REDUCING CROSS	CONCENTRIC & ECCENTRIC
3 1/2 x 2 1/2	8.5	10.2	2.88
3-1/2 x 3	8.8	10.5	3.15
4 x 1 1/2	11.1	13.3	2.88
4 x 2	11.2	13.5	3
4 x 2 1/2	11.3	13.6	3.25
4 x 3	11.6	13.9	3.38
4 x 3 1/2	11.8	14.1	3.5
5 x 2	19	22.8	5
5 x 2 1/2	19.5	23.1	5.25
5 x 3	20	24	5.5
5 x 3 1/2	20.5	24.6	5.75
5 x 4	21	25.2	6
6 x 2 1/2	32	38.4	7.25
6 x 3	32.5	39	8
6 x 3 1/2	33	39.6	8.25
6 x 4	33.5	40.3	8.25
6 x 5	34.5	41.5	8.5
8 x 3 1/2	50.7	60.8	11
8 x 4	51.7	62.2	11
8 x 5	53	63.6	12
8 x 6	54	64.6	13.2
10 x 4	80	96	20
10 x 5	81	97.2	21
10 x 6	83	99.5	21.5
10 x 8	84.5	100	22

STANDARD WEIGHT			
NORMAL PIPE SIZE	REDUCING TEE	REDUCING CROSS	CONCENTRIC & ECCENTRIC
12x 5	110	132	30
12 x 6	114	133	30
12 x 8	117	140	32
12 x 10	119	142	34
14 x 8	155	186	58.5
14 x 10	158	189	59.2
14 x 12	160	192	60
16 x 8	180	216	68.5
16 x 10	186	223	69.5
16 x 12	191	229	70
16 x 14	194	235	71
18 x 10	222	266	82
18 x 12	230	276	83
18 x 14	236	283	84
18 x 16	241	289	85
20 x 10	332	398	117
20 x 12	334	401	120
20 x 14	336	403	122
20 x 16	338	405	124
20 x 18	340	408	125
24 x 12	510	612	139
24 x 14	513	616	141
24 x 16	516	619	145
24 x 18	519	624	148
24 x 20	522	6.27	150

EXTRA STRONG WEIGHT			
NOMINAL PIPE SIZE	REDUCING TEE	REDUCING CROSS	CONCENTRIC & ECCENTRIC
3/4 X 1/2	0.5	0.72	0.22
1 x 1/2	1	1.24	0.45
1 x 3/4	1	1.3	0.45
1-1/4 x 1/2	1.75	2.1	0.5
1-1/4 x 3/4	1.75	2.18	0.5
1-1/4 x 1/2	1.75	2.4	0.5
1-1/2 x 1/2	2.5	3	0.65
1-1/2 x 3/4	2.5	3.11	0.7
1-1/2 x 1	2.5	3.25	0.75
1-1/2 x 1-1/4	2.5	3.51	0.78
2 x 3/4	4	4.8	1
2 x 1	4.1	4.92	1.1
2 x 1-1/4	4.13	4.96	1.15
2 x 1-1/2	4.25	5.1	1.2
2-1/2 x 1	7	8.4	1.75
2-1/2 x 1-1/4	7.06	8.48	1.85
2-1/2 x 1-1/2	7.13	8.55	1.9
2-1/2 x 2	7.19	8.64	2
3 x 1-1/4	7.6	9.12	2.4
3 x 1-1/2	7.68	9.25	2.5
3 x 2	8	9.6	2.6
3 x 2-1/2	8.25	9.9	2.75
3-1/2 x 1-1/2	11.5	12.7	3.25
3-1/2 x 2	11.8	14.1	3.5

EXTRA STRONG WEIGHT			
NOMINAL PIPE SIZE	REDUCING TEE	REDUCING CROSS	CONCENTRIC & ECCENTRIC
3 1/2 x 2 1/2	12.2	14.6	3.5
3-1/2 x 3	12.6	15.1	4
4 x 1 1/2	15.2	18.3	4
4 x 2	15.5	18.6	4.25
4 x 2 1/2	15.5	18.6	4.38
4 x 3	15.6	18.7	4.5
4 x 3 1/2	15.6	18.8	4.75
5 x 2	23.5	28.2	6.5
5 x 2 1/2	24	28.2	7
5 x 3	24.5	29.4	7.5
5 x 3 1/2	25	30	7.75
5 x 4	25.5	30.6	8.25
6 x 2 1/2	36	43.2	10
6 x 3	37	44.4	10.5
6 x 3 1/2	38.2	45.9	11
6 x 4	39.2	47.1	11.5
6 x 5	40	48.1	12
8 x 3 1/2	70.5	84.6	16.5
8 x 4	71.7	86.1	17
8 x 5	73	87.6	18
8 x 6	74	88.8	18.7
10 x 4	104	124	25.5
10 x 5	106	127	28
10 x 6	108	129	29.5
10 x 8	109	130	29.5

EXTRA STRONG WEIGHT			
NORMAL PIPE SIZE	REDUCING TEE	REDUCING CROSS	CONCENTRIC & ECCENTRIC
12x 5	160	192	39
12 x 6	165	198	40
12 x 8	175	210	42
12 x 10	181	221	43.5
14 x 8	225	270	78.5
14 x 10	233	279	79.2
14 x 12	237	284	80
16 x 8	260	312	88.5
16 x 10	266	319	89.5
16 x 12	270	324	90
16 x 14	275	330	91
18 x 10	296	355	112
18 x 12	307	365	113
18 x 14	315	378	114
18 x 16	321	385	115
20 x 10	466	559	164
20 x 12	469	564	167
20 x 14	472	567	168
20 x 16	475	571	169
20 x 18	477	574	170
24 x 12	592	711	179
24 x 14	595	714	185
24 x 16	598	717	190
24 x 18	601	722	195
24 x 20	604	725	200