



WELD FITTING WEIGHTS



Pipe Size	Long Radius 90° Elbows	Long Radius 45° Elbows	Long Radius 180° Bends	Short Radius 90° Elbows	Straight Tees	Straight Crosses	45° Laterals	Caps	MSS Short Length	ANSI Long Length
STAINLESS STEEL - SCHEDULE 40S										
1/2	0.18	0.09	0.34	-	0.23	0.31	-	0.10	0.19	0.26
3/4	0.19	0.09	0.50	-	0.38	0.40	-	0.13	0.26	0.36
1	0.35	0.25	0.76	0.26	0.65	0.65	1.68	0.28	0.38	0.68
1-1/4	0.56	0.38	1.66	0.45	1.31	1.32	2.39	0.38	0.55	0.97
1-1/2	0.88	0.50	2.33	0.63	1.90	1.91	3.20	0.50	0.69	1.20
2	01.56	0.88	4.38	1.13	2.83	2.86	5.14	0.60	1.35	2.25
2-1/2	3.00	1.69	7.75	2.25	4.85	4.90	9.41	1.00	1.77	3.40
3	4.81	2.38	12.83	3.31	7.30	7.37	12.85	1.56	2.50	4.65
3-1/2	6.25	3.13	15.6	4.54	9.00	9.09	17.54	2.25	3.58	5.89
4	9.19	4.60	24.50	6.88	11.63	11.74	21.22	2.69	4.13	6.83
5	15.13	7.57	31.00	11.63	20.75	20.95	32.03	4.06	6.15	11.88
6	24.00	12.00	48.00	17.50	24.25	24.49	43.25	7.12	7.88	15.18
8	47.50	23.75	95.00	37.60	46.10	46.56	74.87	12.50	13.38	23.81
10	85.00	42.50	170.00	63.00	78.00	78.78	21.52	20.30	22.20	39.50
12	131.00	65.50	262.00	80.00	137.00	138.00	176.00	28.80	31.50	48.50
STAINLESS STEEL - SCHEDULE 80S										
1/2	0.23	0.12	0.43	-	0.30	0.40	-	0.11	0.25	0.34
3/4	0.25	0.12	0.69	-	0.45	0.50	-	0.14	0.35	0.47
1	0.48	0.31	1.38	0.38	0.85	0.86	2.47	0.29	0.64	0.88
1-1/4	0.88	0.50	2.50	0.63	1.50	1.51	3.78	0.39	0.76	1.26
1-1/2	1.13	0.63	3.00	0.88	2.25	2.27	5.33	0.54	0.88	1.49
2	2.00	1.13	6.21	1.55	3.50	3.53	7.92	0.75	1.59	3.05
2-1/2	4.00	2.19	9.70	2.88	6.90	6.97	13.77	1.12	2.17	4.40
3	6.56	3.31	17.18	4.20	9.80	9.90	19.18	1.87	3.51	6.50
3-1/2	8.80	4.40	22.00	5.35	12.00	12.12	26.11	2.50	4.56	7.75
4	13.63	6.82	34.30	9.06	17.00	17.17	33.46	3.54	5.90	9.65
5	21.13	10.56	43.00	16.10	25.00	25.25	50.80	5.63	7.67	16.33
6	36.00	18.00	72.00	26.00	30.00	30.30	80.99	10.00	11.92	22.63
8	73.00	36.50	146.00	54.80	62.00	62.62	137.00	16.38	19.63	34.12
10	114.00	57.00	228.00	99.80	110.00	111.00	197.00	27.30	31.50	54.00
12	175.00	87.50	350.00	125.00	185.00	187.00	267.00	36.60	34.98	64.50

Pipe Size	Concentric Eccentric Reducers	Reducing Outlet Tees		Pipe Size	Concentric Eccentric Reducers	Reducing Outlet Tees		Pipe Size	Concentric Eccentric Reducers	Reducing Outlet Tees
SS SCHEDULE 5S										
3/4 x 1/2	0.17	0.20		3 x 1	0.7	2.85		6 x 2	3.03	14
1 x 3/8	0.16	0.34		3 x 1-1/4	0.7	2.89		6 x 2-1/2	3.18	14.48
1 x 1/2	0.17	0.35		3 x 1-1/2	0.78	2.93		6 x 3	3.33	14.62
1 x 3/4	0.17	0.36		3 x 2	0.83	2.99		6 x 3-1/2	3.39	14.79
1-1/4 x 1/2	0.21	0.64		3 x 2-1/2	0.9	3.06		6 x 4	3.41	15.13
1-1/4 x 3/4	0.22	0.66		3-1/2 x 1-1/2	0.99	4.67		6 x 5	3.6	15.48
1-1/4 x 1	0.22	0.68		3-1/2 x 2	1.06	4.73		8 x 3	4.55	26.04
1-1/2 x 1/2	0.23	0.81		3-1/2 x 2-1/2	1.17	4.84		8 x 3-1/2	4.65	26.35
1-1/2 x 3/4	0.24	0.82		3-1/2 x 3	1.2	4.95		8 x 4	4.76	26.66
1-1/2 x 1	0.25	0.83		4 x 1-1/2	1.05	6.05		8 x 5	4.87	27.28
1-1/2 x 1-1/4	0.27	0.85		4 x 2	1.21	6.12		8 x 6	5.05	27.9
2 x 3/4	0.33	1.02		4 x 2-1/2	1.28	6.19		10 x 4	8.34	46.75
2 x 1	0.37	1.03		4 x 3	1.34	6.33		10 x 5	8.62	47.3
2 x 1-1/4	0.40	1.05		4 x 3-1/2	1.38	6.48		10 x 6	8.82	48.4
2 x 1-1/2	0.41	1.08		5 x 2	2.33	10.92		10 x 8	9.17	49.5
2-1/2 x 1	0.56	1.83		5 x 2-1/2	2.55	11.05		12 x 5	13.72	70.55
2-1/2 x 1-1/4	0.64	1.85		5 x 3	2.64	11.18		12 x 6	14.01	71.38
2-1/2 x 1-1/2	0.67	1.89		5 x 3-1/2	2.71	11.44		12 x 8	14.45	73.04
2-1/2 x 2	0.70	1.93		5 x 4	2.76	11.7		12 x 10	15.03	74.7
SS SCHEDULE 10S										
3/4 x 1/2	0.22	0.25		3 x 1	1.03	3.27		6 x 2	3.3	14.5
1 x 3/8	0.21	0.54		3 x 1-1/4	1.03	3.31		6 x 2-1/2	3.35	14.95
1 x 1/2	0.27	0.55		3 x 1-1/2	1.13	3.35		6 x 3	4.01	15.13
1 x 3/4	0.29	0.56		3 x 2	1.21	3.43		6 x 3-1/2	4.2	15.31
1-1/4 x 1/2	0.35	0.95		3 x 2-1/2	1.3	3.51		6 x 4	4.31	15.66
1-1/4 x 3/4	0.39	0.97		3-1/2 x 1-1/2	1.46	4.99		6 x 5	4.45	16.02
1-1/4 x 1	0.39	0.99		3-1/2 x 2	1.57	5.05		8 x 3	6.25	29
1-1/2 x 1/2	0.37	1.27		3-1/2 x 2-1/2	1.72	5.17		8 x 3-1/2	6.48	29.32
1-1/2 x 3/4	0.39	1.29		3-1/2 x 3	1.77	5.29		8 x 4	6.64	29.67
1-1/2 x 1	0.43	1.32		4 x 1-1/2	1.5	6.4		8 x 5	6.79	30.36
1-1/2 x 1-1/4	0.46	1.35		4 x 2	1.73	6.48		8 x 6	7.04	31.05
2 x 3/4	0.56	1.59		4 x 2-1/2	1.83	6.56		10 x 4	10.43	50.15
2 x 1	0.62	1.6		4 x 3	1.92	6.71		10 x 5	10.78	50.74
2 x 1-1/4	0.67	1.64		4 x 3-1/2	1.98	6.86		10 x 6	11.03	51.92
2 x 1-1/2	0.69	1.68		5 x 2	2.83	11.29		10 x 8	11.46	53.1
2-1/2 x 1	0.83	2.63		5 x 2-1/2	3.09	11.43		12 x 5	16.07	73.95
2-1/2 x 1-1/4	0.95	2.66		5 x 3	3.2	11.56		12 x 6	16.38	74.82
2-1/2 x 1-1/2	0.98	2.73		5 x 3-1/2	3.28	11.83		12 x 8	16.91	76.56
2-1/2 x 2	1.03	2.79		5 x 4	3.29	12.1		12 x 10	17.6	78.3

Pipe Size	Concentric Eccentric Reducers	Reducing Outlet Tees		Pipe Size	Concentric Eccentric Reducers	Reducing Outlet Tees		Pipe Size	Concentric Eccentric Reducers	Reducing Outlet Tees
SS SCHEDULE 40S										
3/4 x 1/2	0.31	0.34		3 x 1	1.81	6.13		6 x 2	8.25	20.32
1 x 3/8	0.33	0.56		3 x 1-1/4	1.86	6.2		6 x 2-1/2	8.37	20.37
1 x 1/2	0.34	0.57		3 x 1-1/2	2.07	6.28		6 x 3	8.77	26.32
1 x 3/4	0.36	0.59		3 x 2	2.2	6.42		6 x 3-1/2	8.93	20.85
1-1/4 x 1/2	0.49	1.12		3 x 2-1/2	2.38	6.57		6 x 4	8.99	21.34
1-1/4 x 3/4	0.49	1.15		3-1/2 x 1-1/2	2.76	7.65		6 x 5	9.48	21.82
1-1/4 x 1	0.49	1.17		3-1/2 x 2	2.97	7.74		8 x 3	13.5	38.72
1-1/2 x 1/2	0.5	1.61		3-1/2 x 2-1/2	3.25	8.97		8 x 3-1/2	14.1	39.18
1-1/2 x 3/4	0.52	1.63		3-1/2 x 3	3.35	9.1		8 x 4	14.44	39.64
1-1/2 x 1	0.58	1.67		4 x 1-1/2	3	9.76		8 x 5	14.78	40.56
1-1/2 x 1-1/4	0.62	1.71		4 x 2	3.47	9.88		8 x 6	15.31	41.49
2 x 3/4	0.8	2.4		4 x 2-1/2	3.66	10		10 x 4	23.19	66.3
2 x 1	0.89	2.43		4 x 3	3.84	10.23		10 x 5	23.96	67.08
2 x 1-1/4	0.96	2.49		4 x 3-1/2	3.97	10.4		10 x 6	24.52	68.64
2 x 1-1/2	0.99	2.54		5 x 2	5.55	17.43		10 x 8	25.48	70.2
2-1/2 x 1	1.42	4.12		5 x 2-1/2	6.07	17.68		12 x 5	33.48	116
2-1/2 x 1-1/4	1.61	4.17		5 x 3	6.29	17.84		12 x 6	34.13	118
2-1/2 x 1-1/2	1.67	4.27		5 x 3-1/2	6.45	18.26		12 x 8	35.24	120
2-1/2 x 2	1.76	4.36		5 x 4	6.57	18.67		12 x 10	36.67	123
SS SCHEDULE 80S										
3/4 x 1/2	0.4	0.4		3 x 1	2.39	8.23		6 x 2	10	25
1 x 3/8	0.42	0.73		3 x 1-1/4	2.51	8.33		6 x 2-1/2	10.88	25.2
1 x 1/2	0.44	0.75		3 x 1-1/2	2.66	8.43		6 x 3	12.15	25.5
1 x 3/4	0.49	0.76		3 x 2	2.85	8.62		6 x 3-1/2	12.67	25.8
1-1/4 x 1/2	0.52	1.29		3 x 2-1/2	3.28	8.82		6 x 4	13.14	26.4
1-1/4 x 3/4	0.56	1.32		3-1/2 x 1-1/2	3.69	10.2		6 x 5	13.79	27
1-1/4 x 1	0.59	1.35		3-1/2 x 2	3.87	10.32		8 x 3	17.01	52.08
1-1/2 x 1/2	0.68	1.91		3-1/2 x 2-1/2	4.21	10.56		8 x 3-1/2	17.61	52.7
1-1/2 x 3/4	0.71	1.93		3-1/2 x 3	4.46	10.8		8 x 4	20.36	53.32
1-1/2 x 1	0.74	1.98		4 x 1-1/2	4.18	14.28		8 x 5	21.32	54.56
1-1/2 x 1-1/4	0.8	2.02		4 x 2	4.31	14.45		8 x 6	22.32	55.8
2 x 3/4	1.11	2.97		4 x 2-1/2	4.83	14.62		10 x 4	27.68	93.5
2 x 1	1.18	3.01		4 x 3	5.14	14.96		10 x 5	31.4	94.6
2 x 1-1/4	1.27	3.08		4 x 3-1/2	5.33	15.3		10 x 6	32.61	96.8
2 x 1-1/2	1.3	3.15		5 x 2	7.25	21		10 x 8	34.34	99
2-1/2 x 1	1.92	5.86		5 x 2-1/2	7.93	21.25		12 x 5	42.78	157
2-1/2 x 1-1/4	1.98	5.93		5 x 3	8.55	21.5		12 x 6	44.42	159
2-1/2 x 1-1/2	2.07	6.07		5 x 3-1/2	8.8	22		12 x 8	46.06	163
2-1/2 x 2	2.26	6.21		5 x 4	9.11	22.5		12 x 10	47.7	166