

WELD FITTING WEIGHTS

									STUB ENDS	
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	.18	.09	.34	—	.23	.31	—	.10	.19	.26
3/4	.19	.09	.50	—	.38	.40	—	.13	.26	.36
1	.35	.25	.76	.26	.65	.65	1.68	.28	.38	.68
1-1/4	.56	.38	1.66	.45	1.31	1.32	2.39	.38	.55	.97
1-1/2	.88	.50	2.33	.63	1.90	1.91	3.20	.50	.69	1.20
2	1.56	.88	4.38	1.13	2.83	2.86	5.14	.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	.23	.12	.43	—	.30	.40	—	.11	.25	.34
3/4	.25	.12	.69	—	.45	.50	—	.14	.35	.47
1	.48	.31	1.38	.38	.85	.86	2.47	.29	.64	.88
1-1/4	.88	.50	2.50	.63	1.50	1.51	3.78	.39	.76	1.26
1-1/2	1.13	.63	3.00	.88	2.25	2.27	5.33	.54	.88	1.49
2	2.00	1.13	6.21	1.55	3.50	3.53	7.92	.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	REDUCING OUTLET TEES		PIPE SIZE	CONCENTRIC	REDUCING OUTLET TEES		PIPE SIZE	CONCENTRIC	REDUCING OUTLET TEES
	ECCENTRIC REDUCERS				ECCENTRIC REDUCERS				ECCENTRIC REDUCERS	
STAINLESS STEEL SCHEDULE 5S				STAINLESS STEEL SCHEDULE 5S				STAINLESS STEEL SCHEDULE 5S		
3/4 x 1/2	.17	.20		3 x 1	0.7	2.85		6 x 2	3.03	14
1 x 3/8	.16	.34		3 x 1-1/4	0.7	2.89		6 x 2-1/2	3.18	14.48
1 x 1/2	.17	.35		3 x 1-1/2	0.78	2.93		6 x 3	3.33	14.62
1 x 3/4	.17	.36		3 x 2	0.83	2.99		6 x 3-1/2	3.39	14.79
1-1/4 x 1/2	.21	.64		3 x 2-1/2	0.9	3.06		6 x 4	3.41	15.13
1-1/4 x 3/4	.22	.66		3-1/2 x 1-1/2	0.99	4.67		6 x 5	3.6	15.48
1-1/4 x 1	.22	.68		3 1/2 x 2	1.06	4.73		8 x 3	4.55	26.04
1-1/2 x 1/2	.23	.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	.24	.82		3-1/2 x 3	1.2	4.95		8 x 4	4.76	26.66
1-1/2 x 1	.25	.83		4 x 1-1/2	1.05	6.05		8 x 5	4.87	27.28
1-1/2 x 1-1/4	.27	.85		4 x 2	1.21	6.12		8 x 6	5.05	27.9
2 x 3/4	.33	1.02		4 x 2-1/2	1.28	6.19		10 x 4	8.34	46.75
2 x 1	.37	1.03		4 x 3	1.34	6.33		10 x 5	8.62	47.3
2 x 1-1/4	.40	1.05		4 x 3-1/2	1.38	6.48		10 x 6	8.82	48.4
2 x 1-1/2	.41	1.08		5 x 2	2.33	10.92		10 x 8	9.17	49.5
2-1/2 x 1	.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	.64	1.85		5 x 3	2.64	11.18		12 x 6	14.01	71.38
2-1/2 x 1-1/2	.67	1.89		5 x 3-1/2	2.71	11.44		12 x 8	14.45	73.04
2-1/2 x 2	.70	1.93		5 x 4	2.76	11.7		12 x 10	15.03	74.7
STAINLESS STEEL SCHEDULE 10S				STAINLESS STEEL SCHEDULE 10S				STAINLESS STEEL 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
STAINLESS STEEL SCHEDULE 40S				STAINLESS STEEL SCHEDULE 40S				STAINLESS STEEL 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
STAINLESS STEEL SCHEDULE 80S				STAINLESS STEEL SCHEDULE 80S				STAINLESS STEEL 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