

# WELD FITTING WEIGHTS

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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	STUB ENDS	
									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

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PIPE SIZE	CONCENTRIC		PIPE SIZE	CONCENTRIC		PIPE SIZE	CONCENTRIC	
	ECCENTRIC REDUCERS	REDUCING OUTLET TEES		ECCENTRIC REDUCERS	REDUCING OUTLET TEES		ECCENTRIC REDUCERS	REDUCING OUTLET TEES
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	2.86	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