

Carbon Steel Welding Fittings												ANSI B 16.9 / ANSI B 16.28	
Standard Wall												ASTM A-234	
Nominal Pipe Size		90° Elbows				45° Elbows		Straight Tees		Weld Caps			
		Long Radius		Short Radius		Long Radius							
NPS	DN	Price	lbs	Price	lbs	Price	lbs	Price	lbs	Price	lbs		
1/2	15	5.29	0.20	--	--	4.17	0.08	13.49	0.25	16.18	0.10		
3/4	20	5.39	0.30	--	--	4.51	0.08	13.49	0.25	18.82	0.10		
1	25	5.50	0.40	12.57	0.25	4.58	0.25	16.95	0.63	20.57	0.20		
1-1/4	32	5.63	0.50	15.50	0.38	5.63	0.33	19.40	1.3	20.94	0.30		
1-1/2	40	6.30	0.75	16.18	0.50	5.72	0.47	22.13	1.5	16.26	0.40		
2	50	8.72	1.5	15.33	0.9	7.79	0.78	19.34	2.0	11.34	0.60		
2-1/2	65	15.40	3.0	22.33	1.7	13.72	1.7	38.62	4.0	15.33	0.90		
3	80	20.67	4.5	26.88	3.0	16.09	2.3	45.05	6.0	17.49	1.4		
3-1/2	90	69.83	6.2	90.24	4.0	45.83	3.0	111.14	8.0	48.83	2.5		
4	100	35.96	8.5	43.41	6.0	25.19	4.3	68.40	10	22.92	3.0		
5	125	74.05	14	123.82	9.5	47.14	7.3	125.58	16	38.68	4.5		
6	150	93.70	23	109.59	16	62.36	12	135.88	24	42.52	7.2		
8	200	200.44	45	200.38	31	133.40	23	274.93	45	70.06	12		
10	250	360.36	78	397.07	55	234.67	39	464.79	74	135.25	18		
12	300	518.44	118	607.71	78	407.03	59	717.44	126	163.28	17		
14	350	863.05	147	948.92	104	740.40	74	932.98	159	311.76	33		
16	400	1209.12	202	1203.32	118	933.19	101	1241.74	220	757.35	42		
18	450	1774.26	256	1450.23	148	1307.42	128	2759.72	295	883.88	55		
20	500	2185.82	310	1816.87	210	1685.52	155	3915.56	363	1094.93	68		
24	600	2910.04	446	2658.96	288	2160.70	223	4859.02	515	1283.19	96		

Carbon Steel Welding Fittings												ANSI B 16.9 / ANSI B 16.28	
Standard Wall Reducing Tees												ASTM A-234	
Nominal Pipe Size		Price	lbs		Nominal Pipe Size		Price	lbs					
NPS	DN				NPS	DN							
1-1/2 x 1	40x25	22.39	1.7		4 x 2-1/2	100x65	81.10	9.4					
2 x 1-1/2	50x40	23.95	2.2		4 x 2	100x50	73.63	9.4					
2 x 1-1/4	50x32	24.18	2.1		6 x 4	150x100	160.14	22					
2 x 1	50x25	25.08	2.0		6 x 3	150x80	160.14	21					
2 x 3/4	50x20	39.55	2.0		8 x 6	200x150	284.15	44					
2-1/2 x 2	65x50	40.51	3.5		8 x 4	100x100	279.61	41					
2-1/2 x 1-1/2	65x40	43.29	3.5		10 x 8	250x200	517.63	79					
3 x 2-1/2	80x65	52.78	6.0		10 x 6	250x150	535.47	79					
3 x 2	80x50	52.97	5.2		12 x 10	300x250	827.26	130					
3 x 1-1/2	80x40	61.92	5.1		12 x 8	300x200	829.22	105					
4 x 3	100x80	69.56	9.5										

Carbon Steel Welding Fittings ANSI B 16.9 / ANSI B 16.28
Standard Wall Concentric Reducers ASTM A-234

Nominal Pipe Size		Price	lbs	Nominal Pipe Size		Price	lbs
NPS	DN			NPS	DN		
3/4 x 1/2	20x15	4.73	0.25	6 x 2-1/2	150x65	67.49	4.4
1 x 3/4	25x20	5.41	0.30	6 x 2	150x50	105.85	4.3
1 x 1/2	25x15	5.58	0.30	8 x 6	200x150	68.00	9.0
1-1/4 x 1	32x25	5.63	0.39	8 x 5	200x125	88.37	8.5
1-1/4 x 3/4	32x20	10.03	0.37	8 x 4	200x100	87.82	8.1
1-1/4 x 1/2	32x15	18.54	0.34	8 x 3	200x80	276.20	7.3
1-1/2 x 1-1/4	40x32	5.95	0.58	10 x 8	250x200	109.98	21
1-1/2 x 1	40x25	6.20	0.50	10 x 6	250x150	117.77	17
1-1/2 x 3/4	40x20	13.07	0.47	10 x 5	250x100	156.93	15
1-1/2 x 1/2	40x15	17.00	0.44	10 x 4	250x100	210.28	13
2 x 1-1/2	50x40	8.03	1.10	12 x 10	300x250	169.69	32
2 x 1-1/4	50x32	8.36	0.94	12 x 8	300x200	175.42	30
2 x 1	50x25	12.25	0.89	12 x 6	300x150	260.54	28
2 x 3/4	50x20	16.41	0.82	14 x 12	350x300	373.21	64
2 x 1/2	50x15	21.55	0.75	14 x 10	350x250	384.86	61
2-1/2 x 2	65x50	13.05	1.8	14 x 8	350x200	415.02	60
2-1/2 x 1-1/2	65x40	13.20	1.7	14 x 6	350x150	633.79	60
2-1/2 x 1-1/4	65x32	19.60	1.6	16 x 14	400x350	430.45	80
2-1/2 x 1	65x25	24.48	1.4	16 x 12	400x300	433.60	75
3 x 2-1/2	80x65	14.10	2.6	16 x 10	400x250	596.19	72
3 x 2	80x50	14.86	2.6	16 x 8	400x200	809.55	69
3 x 1-1/2	80x40	19.87	2.4	18 x 16	450x400	1368.30	85
3 x 1-1/4	80x32	21.14	2.3	18 x 14	450x350	1408.77	84
3 x 1	80x25	32.87	2.1	18 x 12	450x300	1522.41	82
4 x 3	100x80	20.41	3.1	18 x 10	450x250	1789.55	81
4 x 2-1/2	100x65	21.73	3.0	20 x 18	500x450	1817.57	126
4 x 2	100x50	21.91	3.0	20 x 16	500x400	2039.48	123
4 x 1-1/2	100x40	45.83	2.9	20 x 14	500x350	2326.27	117
5 x 4	125x100	56.62	3.8	20 x 12	500x300	2507.85	110
5 x 3	125x80	61.49	3.6	20 x 10	500x250	1665.55	104
5 x 2-1/2	125x65	69.27	3.4	24 x 20	600x500	2692.65	165
5 x 2	125x50	88.75	3.3	24 x 18	600x450	2744.38	160
6 x 5	150x125	41.59	5.3	24 x 16	600x400	2762.83	156
6 x 4	150x100	42.63	5.1	24 x 14	600x350	3411.00	154
6 x 3	150x80	53.35	4.6	24 x 12	600x300	3817.20	152

Carbon Steel Welding Fittings **ANSI B 16.9 / ANSI B 16.28**
Standard Wall Eccentric Reducers **ASTM A-234**

Nominal Pipe Size		Price	lbs	Nominal Pipe Size		Price	lbs
NPS	DN			NPS	DN		
3/4 x 1/2	20x15	7.98	0.25	6 x 2-1/2	150x65	188.71	4.4
1 x 3/4	25x20	8.71	0.30	6 x 2	150x50	268.32	4.3
1 x 1/2	25x15	12.42	0.30	8 x 6	200x150	95.82	9.0
1-1/4 x 1	32x25	10.29	0.39	8 x 5	200x125	133.65	8.5
1-1/4 x 3/4	32x20	17.11	0.37	8 x 4	200x100	158.17	8.1
1-1/4 x 1/2	32x15	35.99	0.34	8 x 3	200x80	387.10	7.3
1-1/2 x 1-1/4	40x32	7.98	0.58	10 x 8	250x200	150.99	21
1-1/2 x 1	40x25	12.02	0.50	10 x 6	250x150	242.64	17
1-1/2 x 3/4	40x20	16.32	0.47	10 x 5	250x100	324.96	15
1-1/2 x 1/2	40x15	21.15	0.44	10 x 4	250x100	393.49	13
2 x 1-1/2	50x40	13.04	1.10	12 x 10	300x250	247.75	32
2 x 1-1/4	50x32	14.75	0.94	12 x 8	300x200	356.37	30
2 x 1	50x25	16.57	0.89	12 x 6	300x150	477.41	28
2 x 3/4	50x20	53.14	0.82	14 x 12	350x300	472.43	64
2 x 1/2	50x15	POA	0.75	14 x 10	350x250	493.97	61
2-1/2 x 2	65x50	19.10	1.8	14 x 8	350x200	695.42	60
2-1/2 x 1-1/2	65x40	20.27	1.7	14 x 6	350x150	846.97	60
2-1/2 x 1-1/4	65x32	40.26	1.6	16 x 14	400x350	674.19	80
2-1/2 x 1	65x25	92.63	1.4	16 x 12	400x300	680.00	75
3 x 2-1/2	80x65	23.41	2.6	16 x 10	400x250	957.04	72
3 x 2	80x50	24.96	2.6	16 x 8	400x200	1214.83	69
3 x 1-1/2	80x40	29.00	2.4	18 x 16	450x400	1281.29	85
3 x 1-1/4	80x32	67.73	2.3	18 x 14	450x350	1384.54	84
3 x 1	80x25	86.97	2.1	18 x 12	450x300	1487.75	82
4 x 3	100x80	31.88	3.1	18 x 10	450x250	1840.78	81
4 x 2-1/2	100x65	42.74	3.0	20 x 18	500x450	1611.01	126
4 x 2	100x50	43.55	3.0	20 x 16	500x400	1714.21	123
4 x 1-1/2	100x40	113.08	2.9	20 x 14	500x350	1781.47	117
5 x 4	125x100	56.39	3.8	20 x 12	500x300	1884.43	110
5 x 3	125x80	76.09	3.6	20 x 10	500x250	2176.02	104
5 x 2-1/2	125x65	76.09	3.4	24 x 20	600x500	2443.36	165
5 x 2	125x50	104.73	3.3	24 x 18	600x450	2815.56	160
6 x 5	150x125	70.22	5.3	24 x 16	600x400	2986.65	156
6 x 4	150x100	75.14	5.1	24 x 14	600x350	3484.88	154
6 x 3	150x80	107.86	4.6				

Carbon Steel Welding Fittings						ANSI B 16.9 / ANSI B 16.28					
Extra Heavy Wall						ASTM A-234					
Nominal Pipe Size		90° Elbows				45° Elbows		Straight Tees		Weld Caps	
		Long Radius		Short Radius		Long Radius					
NPS	DN	Price	lbs	Price	lbs	Price	lbs	Price	lbs	Price	lbs
1/2	15	7.93	0.20	--	--	7.28	0.15	19.89	0.34	19.18	0.10
3/4	20	8.70	0.30	--	--	7.19	0.16	19.89	0.44	19.18	0.10
1	25	8.88	0.50	18.19	0.65	7.82	0.28	19.89	0.80	18.63	0.20
1-1/4	32	9.43	0.70	18.19	0.70	9.35	0.44	26.40	1.6	19.58	0.40
1-1/2	40	10.00	1.00	20.25	0.75	11.02	0.6	26.83	2.0	17.63	0.50
2	50	12.80	2.0	22.15	1.5	10.98	1.05	27.63	3.0	17.74	0.80
2-1/2	65	28.15	4.0	43.49	2.3	19.87	1.9	60.16	5.7	19.34	1.0
3	80	28.26	6.0	57.17	3.8	21.80	3.1	67.58	7.7	25.75	2.0
3-1/2	90	97.60	8.5	POA	5.5	74.22	4.8	283.29	10	56.06	2.8
4	100	66.90	12	95.30	7.8	42.63	5.9	97.46	14	33.96	3.5
5	125	109.22	20	166.64	14	80.11	10	175.19	23	51.16	5.8
6	150	156.62	32	192.85	23	101.44	17	210.25	38	62.38	9.2
8	200	317.43	68	370.54	46	220.95	34	420.30	67	100.53	15
10	250	554.50	112	628.89	71	386.65	53	665.01	110	170.14	25
12	300	802.89	150	1123.98	100	545.58	74	1204.50	165	237.58	35
14	350	1354.38	192	1529.35	132	891.89	95	2488.74	225	457.78	43
16	400	1722.84	258	1829.74	160	1373.35	131	2936.65	265	750.06	54
18	450	2532.16	326	POA	194	1743.43	170	4008.16	358	851.59	73
20	500	2871.53	420	POA	280	2913.94	205	5361.24	450	939.36	90
24	600	4463.93	606	POA	370	4053.42	295	7031.19	625	939.61	127

Carbon Steel Welding Fittings				ANSI B 16.9 / ANSI B 16.28			
Extra Heavy Wall Reducing Tees				ASTM A-234			
Nominal Pipe Size		Price	lbs	Nominal Pipe Size		Price	lbs
NPS	DN			NPS	DN		
1-1/2 x 1	40x25	31.94	2.4	4 x 2-1/2	100x65	120.51	13
2 x 1-1/2	50x40	34.22	2.8	4 x 2	100x50	103.91	13
2 x 1-1/4	50x32	37.70	2.8	6 x 4	150x100	222.51	33
2 x 1	50x25	39.83	2.7	6 x 3	150x80	231.84	32
2 x 3/4	50x20	51.51	2.6	8 x 6	200x150	469.10	65
2-1/2 x 2	65x50	65.31	4.5	8 x 4	100x100	474.97	60
2-1/2 x 1-1/2	65x40	69.52	4.4	10 x 8	250x200	806.70	100
3 x 2-1/2	80x65	113.52	7.5	10 x 6	250x150	811.15	98
3 x 2	80x50	68.59	6.5	12 x 10	300x250	1232.75	148
3 x 1-1/2	80x40	79.79	6.3	12 x 8	300x200	1267.95	148
4 x 3	100x80	110.91	14				

Carbon Steel Welding Fittings				ANSI B 16.9 / ANSI B 16.28			
Extra Heavy Wall Concentric Reducers				ASTM A-234			
Nominal Pipe Size		Price	lbs	Nominal Pipe Size		Price	lbs
NPS	DN			NPS	DN		
3/4 x 1/2	20x15	6.28	0.25	6 x 2-1/2	150x65	214.28	8.3
1 x 3/4	25x20	6.59	0.36	6 x 2	150x50	226.59	7.8
1 x 1/2	25x15	7.95	0.33	8 x 6	200x150	105.39	19
1-1/4 x 1	32x25	11.57	0.49	8 x 5	200x125	117.29	17
1-1/4 x 3/4	32x20	21.05	0.46	8 x 4	200x100	110.80	17
1-1/4 x 1/2	32x15	45.36	0.42	8 x 3	200x80	337.61	15
1-1/2 x 1-1/4	40x32	8.86	0.66	10 x 8	250x200	171.99	30
1-1/2 x 1	40x25	9.15	0.61	10 x 6	250x150	173.46	28
1-1/2 x 3/4	40x20	26.16	0.55	10 x 5	250x100	POA	25
1-1/2 x 1/2	40x15	28.40	0.52	10 x 4	250x100	325.89	23
2 x 1-1/2	50x40	11.04	1.2	12 x 10	300x250	247.28	39
2 x 1-1/4	50x32	10.85	1.0	12 x 8	300x200	252.57	36
2 x 1	50x25	14.43	0.9	12 x 6	300x150	439.65	34
2 x 3/4	50x20	34.93	0.9	14 x 12	350x300	POA	75
2 x 1/2	50x15	44.52	0.9	14 x 10	350x250	POA	62
2-1/2 x 2	65x50	16.97	2.3	14 x 8	350x200	POA	61
2-1/2 x 1-1/2	65x40	18.17	2.0	14 x 6	350x150	POA	61
2-1/2 x 1-1/4	65x32	27.50	1.8	16 x 14	400x350	POA	106
2-1/2 x 1	65x25	52.28	1.6	16 x 12	400x300	POA	101
3 x 2-1/2	80x65	19.66	2.6	16 x 10	400x250	POA	95
3 x 2	80x50	18.37	2.8	16 x 8	400x200	POA	89
3 x 1-1/2	80x40	25.39	2.7	18 x 16	450x400	POA	119
3 x 1-1/4	80x32	51.51	2.6	18 x 14	450x350	POA	117
3 x 1	80x25	54.11	2.5	18 x 12	450x300	POA	115
4 x 3	100x80	29.47	4.8	18 x 10	450x250	POA	112
4 x 2-1/2	100x65	31.81	4.6	20 x 18	500x450	POA	165
4 x 2	100x50	32.98	4.5	20 x 16	500x400	POA	158
4 x 1-1/2	100x40	58.09	4.3	20 x 14	500x350	POA	153
5 x 4	125x100	51.78	6.5	20 x 12	500x300	POA	149
5 x 3	125x80	57.57	5.8	20 x 10	500x250	POA	144
5 x 2-1/2	125x65	POA	5.5	24 x 20	600x500	POA	205
5 x 2	125x50	POA	5.3	24 x 18	600x450	POA	198
6 x 5	150x125	60.52	12.0	24 x 16	600x400	POA	194
6 x 4	150x100	63.15	11.0	24 x 14	600x350	POA	191
6 x 3	150x80	75.20	8.8				

Carbon Steel Welding Fittings				ANSI B 16.9 / ANSI B 16.28			
Extra Heavy Wall Eccentric Reducers				ASTM A-234			
Nominal Pipe Size		Price	lbs	Nominal Pipe Size		Price	lbs
NPS	DN			NPS	DN		
3/4 x 1/2	20x15	12.88	0.25	6 x 2-1/2	150x65	POA	8.3
1 x 3/4	25x20	13.07	0.36	6 x 2	150x50	POA	7.8
1 x 1/2	25x15	13.70	0.33	8 x 6	200x150	155.53	19
1-1/4 x 1	32x25	14.66	0.49	8 x 5	200x125	POA	17
1-1/4 x 3/4	32x20	34.22	0.46	8 x 4	200x100	181.92	17
1-1/4 x 1/2	32x15	POA	0.42	8 x 3	200x80	POA	15
1-1/2 x 1-1/4	40x32	15.18	0.66	10 x 8	250x200	255.66	30
1-1/2 x 1	40x25	16.80	0.61	10 x 6	250x150	313.59	28
1-1/2 x 3/4	40x20	30.26	0.55	10 x 5	250x100	POA	25
1-1/2 x 1/2	40x15	45.64	0.52	10 x 4	250x100	POA	23
2 x 1-1/2	50x40	16.76	1.2	12 x 10	300x250	372.27	39
2 x 1-1/4	50x32	18.82	1.0	12 x 8	300x200	436.95	36
2 x 1	50x25	26.57	0.9	12 x 6	300x150	496.00	34
2 x 3/4	50x20	59.14	0.9	14 x 12	350x300	POA	75
2 x 1/2	50x15	POA	0.9	14 x 10	350x250	POA	62
2-1/2 x 2	65x50	24.24	2.3	14 x 8	350x200	POA	61
2-1/2 x 1-1/2	65x40	23.77	2.0	14 x 6	350x150	POA	61
2-1/2 x 1-1/4	65x32	42.48	1.8	16 x 14	400x350	POA	106
2-1/2 x 1	65x25	88.75	1.6	16 x 12	400x300	POA	101
3 x 2-1/2	80x65	28.19	2.6	16 x 10	400x250	POA	95
3 x 2	80x50	26.93	2.8	16 x 8	400x200	POA	89
3 x 1-1/2	80x40	41.26	2.7	18 x 16	450x400	POA	119
3 x 1-1/4	80x32	95.58	2.6	18 x 14	450x350	POA	117
3 x 1	80x25	POA	2.5	18 x 12	450x300	POA	115
4 x 3	100x80	41.31	4.8	18 x 10	450x250	POA	112
4 x 2-1/2	100x65	54.54	4.6	20 x 18	500x450	POA	165
4 x 2	100x50	59.87	4.5	20 x 16	500x400	POA	158
4 x 1-1/2	100x40	179.69	4.3	20 x 14	500x350	POA	153
5 x 4	125x100	103.31	6.5	20 x 12	500x300	POA	149
5 x 3	125x80	105.48	5.8	20 x 10	500x250	POA	144
5 x 2-1/2	125x65	POA	5.5	24 x 20	600x500	POA	205
5 x 2	125x50	POA	5.3	24 x 18	600x450	POA	198
6 x 5	150x125	100.14	12.0	24 x 16	600x400	POA	194
6 x 4	150x100	96.54	11.0	24 x 14	600x350	POA	191
6 x 3	150x80	124.52	8.8				