



DIMENSIONS AND WEIGHTS FOR ASTM-A-234-WPB WELD FITTINGS.

NOMINAL DIAMETER	O.D.	STD WALL I.D.	WALL THICKNESS	WEIGHT KGS	XH WALL I.D.	WALL THICKNESS	WEIGHT KGS
90° ELBOW							
1"	1.315	1.049	0.133	0.18	0.957	0.179	0.22
1 1/4"	1.660	1.380	0.140	0.25	1.278	0.191	0.36
1 1/2"	1.900	1.610	0.145	0.36	1.500	0.200	0.54
2"	2.375	2.067	0.154	0.73	1.939	0.218	0.95
2 1/2"	2.875	2.469	0.203	1.45	2.323	0.276	1.72
3"	3.500	3.068	0.216	2.18	2.900	0.300	2.86
4"	4.500	4.026	0.237	4.04	3.826	0.337	5.67
5"	5.563	5.047	0.258	6.85	4.813	0.375	9.62
6"	6.625	6.065	0.280	10.89	5.761	0.432	15.60
8"	8.625	7.981	0.322	21.70	7.625	0.500	32.27
10"	10.750	10.020	0.365	37.86	9.750	0.500	50.39
12"	12.750	12.000	0.375	55.84	11.750	0.500	71.73
14"	14.000	13.250	0.375	70.37	13.000	0.500	97.25
16"	16.000	15.250	0.375	93.52	15.000	0.500	122.58
18"	18.000	17.250	0.375	119.00	17.000	0.500	158.00
20"	20.000	19.250	0.375	147.00	19.000	0.500	194.00
24"	24.000	23.250	0.375	212.00	23.000	0.500	282.00
45° ELBOW							
1"	1.315	1.049	0.133	0.10	0.957	0.179	0.13
1 1/4"	1.660	1.380	0.140	0.15	1.278	0.191	0.20
1 1/2"	1.900	1.610	0.145	0.20	1.500	0.200	0.28
2"	2.375	2.067	0.154	0.39	1.939	0.218	0.54
2 1/2"	2.875	2.469	0.203	0.77	2.323	0.276	0.91
3"	3.500	3.068	0.216	1.13	2.900	0.300	1.50
4"	4.500	4.026	0.237	2.04	3.826	0.337	2.81
5"	5.563	5.470	0.258	3.40	4.813	0.375	4.76
6"	6.625	6.065	0.280	5.31	5.761	0.432	7.71
8"	8.625	7.981	0.322	10.57	7.625	0.500	15.56
10"	10.750	10.020	0.365	18.75	9.750	0.500	24.29
12"	12.750	12.000	0.375	27.88	11.750	0.500	35.23
14"	14.000	13.250	0.375	35.46	13.000	0.500	45.40
16"	16.000	15.250	0.375	45.85	15.000	0.500	60.84
18"	18.000	17.250	0.375	60.00	17.000	0.500	79.00
20"	20.000	19.250	0.375	74.00	19.000	0.500	97.00
24"	24.000	23.250	0.375	106.00	23.000	0.500	141.00



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NOMINAL DIAMETER	O.D.	STD WALL I.D.	WALL THICKNESS	WEIGHT KGS	XH WALL I.D.	WALL THICKNESS	WEIGHT KGS
180° ELBOW							
2"	2.375	2.067	0.154	1.45	1.939	0.218	1.86
2 1/2"	2.875	2.469	0.203	2.77	2.323	0.276	3.49
3"	3.500	3.068	0.216	4.26	2.900	0.300	5.62
3 1/2"	4.000	3.548	0.226	5.81	3.364	0.318	7.76
4"	4.500	4.026	0.237	7.94	3.826	0.337	10.93
5"	5.563	5.047	0.258	13.30	4.813	0.375	18.92
6"	6.625	6.065	0.280	21.34	5.761	0.432	30.96
8"	8.625	7.981	0.322	39.50	7.625	0.500	63.56
10"	10.750	10.020	0.365	74.46	9.750	0.500	98.52
12"	12.750	12.000	0.375	107.60	11.750	0.500	141.19
14"	14.000	13.250	0.375	141.19	13.000	0.500	181.60
16"	16.000	15.250	0.375	185.23	15.000	0.500	254.16
18"	18.000	17.250	0.375	151.00	17.000	0.500	315.00
20"	20.000	19.250	0.375	229.00	19.000	0.500	388.00
24"	24.000	23.250	0.375	347.00	23.000	0.500	564.00
STRAIGHT TEE							
2"	2.375	2.067	0.154	1.43	1.939	0.218	1.87
2 1/2"	2.875	2.469	0.203	2.68	2.323	0.276	3.08
3"	3.500	3.068	0.216	3.82	2.900	0.300	4.50
3 1/2"	4.000	3.548	0.226	5.18	3.364	0.318	6.17
4"	4.500	4.026	0.237	5.99	3.826	0.337	8.44
5"	5.563	5.047	0.258	9.94	4.813	0.375	12.93
6"	6.625	6.065	0.280	16.47	5.761	0.432	19.30
8"	8.625	7.981	0.322	27.69	7.625	0.500	34.50
10"	10.750	10.020	0.365	41.31	9.750	0.500	58.57
12"	12.750	12.000	0.375	66.74	11.750	0.500	84.90
14"	14.000	13.250	0.375	102.60	13.000	0.500	127.12
16"	16.000	15.250	0.375	109.87	15.000	0.500	167.53
18"	18.000	17.250	0.375	151.00	17.000	0.500	193.00
20"	20.000	19.250	0.375	229.00	19.000	0.500	265.00
24"	24.000	23.250	0.375	347.00	23.000	0.500	424.00



DIMENSIONS AND WEIGHTS FOR ASTM-A-234-WPB WELD FITTINGS.

MAIN DIAMETER		REDUCED DIAMETER												LENGTH		WEIGHT APPROX.	
																SCHEDULE	
																STD	XS
REDUCTIONS																	
mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	Kg.	Kg.
19.1	3/4"	12.7	1/2"	9.5	3/8"									38.1	1 1/2"	0.07	0.10
25.4	1"	19.1	3/4"	12.7	1/2"	9.5	3/8"							50.8	2"	0.13	0.17
31.8	1 1/4"	25.4	1"	19.1	3/4"	12.7	1/2"							50.8	2"	0.20	0.24
38.1	1 1/2"	31.8	1 1/4"	25.4	1"	19.1	3/4"	12.7	1/2"					63.5	2 1/2"	0.25	0.35
50.8	2"	38.1	1 1/2"	31.8	1 1/4"	25.4	1"	19.1	3/4"					76.2	3"	0.50	0.60
63.5	2 1/2"	50.8	2"	38.1	1 1/2"	31.8	1 1/4"	25.4	1"					88.9	3 1/2"	0.75	1.00
76.2	3"	63.5	2 1/2"	50.8	2"	38.1	1 1/2"	31.8	1 1/4"	25.4	1"			88.9	3 1/2"	1.00	1.50
88.9	3 1/2"	76.2	3"	63.5	2 1/2"	50.8	2"	38.1	1 1/2"	31.8	1 1/4"	101.6	4"	1.40	1.90		
101.6	4"	88.9	3 1/2"	76.2	3"	63.5	2 1/2"	50.8	2"	38.1	1 1/2"	25.4	1"	101.6	4"	1.80	2.30
127.0	5"	101.6	4"	88.9	3 1/2"	76.2	3"	63.5	2 1/2"	50.8	2"			127.0	5"	2.80	3.80
152.4	6"	127.0	5"	101.6	4"	88.9	3 1/2"	76.2	3"	63.5	2 1/2"	50.8	2"	139.7	5 1/2"	4.00	6.00
203.2	8"	152.4	6"	127.0	5"	101.6	4"	88.9	3 1/2"	76.2	3"			152.4	6"	6.50	9.80
254.0	10"	203.2	8"	152.4	6"	127.0	5"	101.6	4"	76.2	3"			177.8	7"	10.50	14.50
304.8	12"	254.0	10"	203.2	8"	152.0	6"	127.0	5"	101.6	4"			203.2	8"	15.00	19.80
355.6	14"	304.8	12"	254.0	10"	203.2	8"	152.0	6"					330.2	13"	27.00	35.50
406.4	16"	355.6	14"	304.8	12"	254.0	10"	203.2	8"	152.4	6"			355.6	14"	33.30	44.00
457.2	18"	406.4	16"	355.6	14"	304.8	12"	254.0	10"	203.2	8"			381.0	15"	40.00	53.00
508.0	20"	457.2	18"	406.4	16"	355.6	14"	304.8	12"	254.0	10"			508.0	20"	60.00	79.00
558.8	22"	508.0	20"	457.2	18"	406.4	16"	355.6	14"	304.8	12"	254.0	10"	508.0	20"	66.00	87.00
609.6	24"	558.8	22"	508.0	20"	457.2	18"	406.4	16"	355.6	14"	304.8	12"	508.0	20"	72.00	95.00
660.4	26"	609.6	24"	558.8	22"	508.0	20"	457.2	18"					609.6	24"	93.00	124.00
762.0	30"	660.4	26"	609.6	24"	558.8	22"	508.0	20"					609.6	24"	108.00	143.00
914.0	36"	762.0	30"	660.4	26"	609.6	24"	558.8	22"	508.0	20"			609.6	24"	129.00	172.00
1066.8	42"	914.4	36"	762.0	30"	660.4	26"	609.6	24"					609.6	24"	152.00	201.00