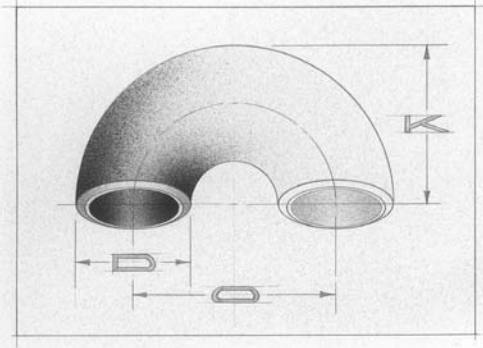


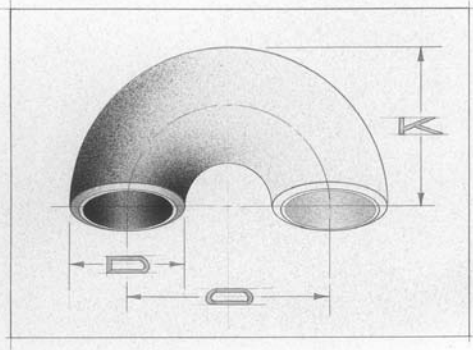
Short Radius 180° ELBOWS



Key				Nominal Wall Thickness: inches mm Inside Diameter: inches mm Approximate Weight: Pounds (see page 3 for Kg)													
				Schedule													
Nominal Pipe Size	"D" Outside Diameter at Bevel	"O" Center-to-Center	"K" Back-to-Face	L.W.G.	10	20	30	40	STD WT	60	XS	80	100	120	140	160	XXS
inches mm	inches mm	inches mm	inches mm														
1"	1.32	2.00	1.62	-	-	-	-	.133	.133	-	.179	.179	-	-	-	.250	.358
				-	-	-	-	3.378	3.378	-	4.547	4.547	-	-	-	6.350	9.093
				-	-	-	-	1.049	1.049	-	.957	.957	-	-	-	.815	.599
				-	-	-	-	26.645	26.645	-	24.308	24.308	-	-	-	20.701	15.215
				-	-	-	-	0.5	0.5	-	-	-	-	-	-	-	-
1 1/4"	1.66	2.50	2.06	-	-	-	-	.140	.140	-	.191	.191	-	-	-	.250	.382
				-	-	-	-	3.556	3.556	-	4.851	4.851	-	-	-	6.350	9.703
				-	-	-	-	1.380	1.380	-	1.278	1.278	-	-	-	1.160	.896
				-	-	-	-	35.052	35.052	-	32.461	32.461	-	-	-	29.464	22.758
				-	-	-	-	0.8	0.8	-	1.3	1.3	-	-	-	-	-
1 1/2"	1.90	3.00	2.44	-	-	-	-	.145	.145	-	.200	.200	-	-	-	.281	.400
				-	-	-	-	3.683	3.683	-	5.080	5.080	-	-	-	7.137	10.160
				-	-	-	-	1.610	1.610	-	1.500	1.500	-	-	-	1.338	1.100
				-	-	-	-	40.894	40.894	-	38.100	38.100	-	-	-	33.985	27.940
				-	-	-	-	1.0	1.0	-	1.5	1.5	-	-	-	-	-
2"	2.38	4.00	3.19	-	-	-	-	.154	.154	-	.218	.218	-	-	-	.344	.436
				-	-	-	-	3.912	3.912	-	5.537	5.537	-	-	-	8.738	11.074
				-	-	-	-	2.067	2.067	-	1.939	1.939	-	-	-	1.687	1.503
				-	-	-	-	52.502	52.502	-	49.251	49.251	-	-	-	42.850	38.176
				-	-	-	-	1.8	1.8	-	3.0	3.0	-	-	-	2.4	6.0
2 1/2"	2.88	5.00	3.94	-	-	-	-	.203	.203	-	.276	.276	-	-	-	.375	.552
				-	-	-	-	5.156	5.156	-	7.010	7.010	-	-	-	9.525	14.021
				-	-	-	-	2.469	2.469	-	2.323	2.323	-	-	-	2.125	1.771
				-	-	-	-	62.713	62.713	-	59.004	59.004	-	-	-	53.975	44.983
				-	-	-	-	3.5	3.5	-	4.5	4.5	-	-	-	-	-
3"	3.50	6.00	4.75	-	-	-	-	.216	.216	-	.300	.300	-	-	-	.438	.600
				-	-	-	-	5.486	5.486	-	7.620	7.620	-	-	-	11.125	15.240
				-	-	-	-	3.068	3.068	-	2.900	2.900	-	-	-	2.624	2.300
				-	-	-	-	77.927	77.927	-	73.660	73.660	-	-	-	66.650	58.420
				-	-	-	-	6.0	6.0	-	7.5	7.5	-	-	-	5.6	14.5
3 1/2"	4.00	7.00	5.50	-	-	-	-	.226	.226	-	.318	.318	-	-	-	-	.636*
				-	-	-	-	5.740	5.740	-	8.077	8.077	-	-	-	-	16.154
				-	-	-	-	3.548	3.548	-	3.364	3.364	-	-	-	-	2.728
				-	-	-	-	90.119	90.119	-	85.446	85.446	-	-	-	-	69.291
				-	-	-	-	8.0	8.0	-	11.0	11.0	-	-	-	-	22.0

*Not given in ASME B36.10

Short Radius 180° ELBOWS



Key				Nominal Wall Thickness: inches mm Inside Diameter: inches mm Approximate Weight: Pounds (see page 3 for Kg)																	
				Schedule																	
Nominal Pipe Size	"D" Outside Diameter at Bevel	"O" Center-to-Center	"K" Back-to-Face	L.W.G.	10	20	30	40	STD WT	60	XS	80	100	120	140	160	XXS				
inches mm	inches mm	inches mm	inches mm																		
4"	4.50	8.00	6.25	-	-	-	-	.237	.237	-	.337	.337	-	.438	-	.531	.674				
				-	-	-	-	6.020	6.020	-	8.560	8.560	-	11.125	-	13.487	17.120				
				-	-	-	-	4.026	4.026	-	3.826	3.826	-	3.624	-	3.438	3.152				
				101.60	114.30	203.20	158.75	-	-	-	-	102.260	102.260	-	97.180	-	92.050	-	87.325	80.061	
				-	-	-	-	-	-	-	-	12.0	12.0	-	15.5	-	18.9	-	-	28.9	
5"	5.56	10.00	7.75	-	-	-	-	.258	.258	-	.375	.375	-	.500	-	.625	.750				
				-	-	-	-	6.553	6.553	-	9.525	9.525	-	12.700	-	15.875	19.050				
				-	-	-	-	5.047	5.047	-	4.813	4.813	-	4.563	-	4.313	4.063				
				127.00	141.22	254.00	196.85	-	-	-	-	128.194	128.194	-	122.250	-	115.900	-	109.550	103.200	
				-	-	-	-	-	-	-	-	19.0	19.0	-	27.0	-	36.8	-	-	52.0	
6"	6.63	12.00	9.31	.219	-	-	-	.280	.280	-	.432	.432	-	.562	-	.719	.864				
				5.563	-	-	-	7.112	7.112	-	10.973	10.973	-	14.275	-	18.263	21.946				
				6.187	-	-	-	6.065	6.065	-	5.761	5.761	-	5.501	-	4.187	4.897				
				152.40	168.40	304.80	236.47	157.150	-	-	-	154.051	154.051	-	146.329	-	139.725	-	131.750	124.384	
				-	-	-	-	-	-	-	-	31.0	31.0	-	45.0	-	58.7	-	-	86.0	
8"	8.63	16.00	12.31	.219	-	.250	.277	.322	.322	.406	.500	.500	.594	.719	.812	.906	.875				
				5.563	-	6.350	7.036	8.179	8.179	10.312	12.700	12.700	15.088	18.263	20.625	23.012	22.225				
				8.187	-	8.125	8.071	7.981	7.981	7.813	7.625	7.625	7.437	7.187	7.001	6.813	6.875				
				203.20	219.20	406.40	312.67	207.949	-	206.375	205.003	202.717	202.717	198.450	193.675	193.675	188.900	182.550	177.825	173.050	174.625
				-	-	-	-	-	-	46.4	53.6	62.0	62.0	78.5	92.0	92.0	114.0	137.0	159.0	-	160.0
10"	10.75	20.00	15.38	.219	-	.250	.307	.365	.365	.500	.500	.594	.719	.844	1.000	1.125	1.000				
				5.563	-	6.350	7.798	9.271	9.271	12.700	12.700	15.088	18.263	21.438	25.400	28.575	25.400				
				10.312	-	10.250	10.136	10.020	10.020	9.750	9.750	9.562	9.312	9.062	8.750	8.500	8.750				
				254.00	273.05	508.00	390.65	261.925	-	260.350	257.454	254.508	254.508	247.650	247.650	242.875	236.525	230.175	222.250	215.900	222.250
				-	-	-	-	-	-	74.6	92.8	110.0	110.0	142.0	142.0	183.0	218.0	261.0	299.0	-	299.0
12"	12.75	24.00	18.38	.250	-	.250	.330	.406	.375	.562	.500	.688	.844	1.000	1.125	1.312	1.000				
				6.350	-	6.350	8.382	10.312	9.525	14.275	12.700	17.475	21.438	25.400	28.575	33.325	25.400				
				12.250	-	12.250	12.090	11.938	12.000	11.626	11.750	11.374	11.062	10.750	10.500	10.126	10.750				
				304.80	323.85	609.60	466.85	311.150	-	311.150	307.086	303.225	304.800	295.300	298.450	288.900	280.975	273.050	266.700	257.200	273.050
				-	-	-	-	-	-	104.0	141.0	164.0	156.0	237.0	200.0	289.0	360.0	430.0	480.0	-	430.0

*Not given in ASME B36.10