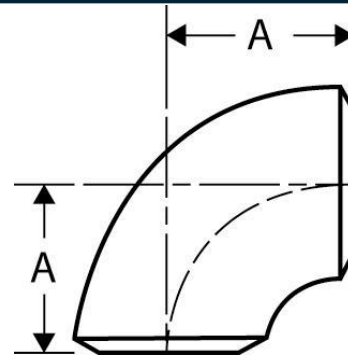


Short Radius 90° Elbows

STANDARD WEIGHT

Inches / Pounds



Nominal Pipe Size	Outside Diameter	Inside Diameter	Wall Thickness	Center to End (A)	Pipe Schedule	Approximate Weight (in Pounds)
1	1.32	1.05	0.133	1.00	STD/40	0.25
1 ¼	1.66	1.38	0.140	1.25	STD/40	0.39
1 ½	1.90	1.61	0.145	1.50	STD/40	0.53
2	2.38	2.07	0.154	2.00	STD/40	0.97
2 ½	2.88	2.47	0.203	2.50	STD/40	2
3	3.50	3.07	0.216	3.00	STD/40	3
3 ½	4.00	3.55	0.226	3.50	STD/40	4.3
4	4.50	4.03	0.237	4.00	STD/40	6.1
5	5.56	5.05	0.258	5.00	STD/40	9.7
6	6.63	6.07	0.280	6.00	STD/40	16.7
8	8.63	7.98	0.322	8.00	STD/40	32.4
10	10.75	10.02	0.365	10.00	STD/40	56.3
12	12.75	12.00	0.375	12.00	STD*	79.4
14	14.00	13.25	0.375	14.00	STD/30	104
16	16.00	15.25	0.375	16.00	STD/30	129
18	18.00	17.25	0.375	18.00	STD*	163
20	20.00	19.25	0.375	20.00	STD/20	210
24	24.00	23.25	0.375	24.00	STD/20	297
30	30.00	29.25	0.375	30.00	STD*	480
36	36.00	35.25	0.375	36.00	STD*	692
42	42.00	41.25	0.375	42.00	STD*	967
48	48.00	47.25	0.375	48.00	STD*	1,340

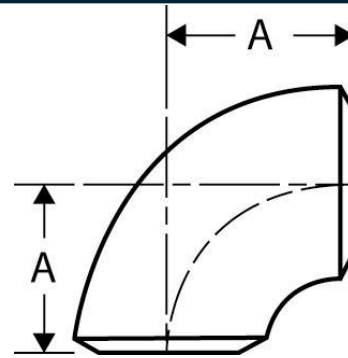
*** STD* designates Standard Weight (standard wall). This size and thickness do not correspond to any pipe schedule number.**

*** Dimensions conform to ASME B16.9 & material conforms to ASTM SA-234 Grade B.**

Short Radius 90° Elbows

EXTRA HEAVY

Inches / Pounds



Nominal Pipe Size	Outside Diameter	Inside Diameter	Wall Thickness	Center to End (A)	Pipe Schedule	Approximate Weight (in Pounds)
1 ½	1.90	1.50	0.200	1.50	XH/80	0.75
2	2.38	1.94	0.218	2.00	XH/80	1.5
2 ½	2.88	2.32	0.276	2.50	XH/80	2.6
3	3.50	2.90	0.300	3.00	XH/80	3.8
3 ½	4.00	3.36	0.318	3.50	XH/80	5.4
4	4.50	3.83	0.337	4.00	XH/80	7.6
5	5.56	4.81	0.375	5.00	XH/80	13.8
6	6.63	5.76	0.432	6.00	XH/80	22.8
8	8.63	7.62	0.500	8.00	XH/80	47.3
10	10.75	9.75	0.500	10.00	XH/60	71
12	12.75	11.75	0.500	12.00	XH*	104
14	14.00	13.00	0.500	14.00	XH*	137
16	16.00	15.00	0.500	16.00	XH/40	171
18	18.00	17.00	0.500	18.00	XH*	214
20	20.00	19.00	0.500	20.00	XH/30	277
24	24.00	23.00	0.500	24.00	XH*	390
30	30.00	29.00	0.500	30.00	XH/20	634
36	36.00	35.00	0.500	36.00	XH/20	913
42	42.00	41.00	0.500	42.00	XH*	1,300
48	48.00	47.00	0.500	48.00	XH*	1,675

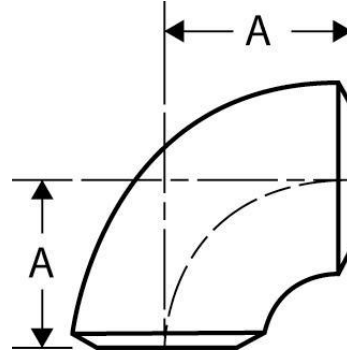
*** XH* designates Extra Strong (extra strong wall). This size and thickness do not correspond to any pipe schedule number.**

*** Dimensions conform to ASME B16.9 & material conforms to ASTM SA-234 Grade B.**

Short Radius 90° Elbows

SCHEDULE 160

Inches / Pounds



Nominal Pipe Size	Outside Diameter	Inside Diameter	Wall Thickness	Center to End (A)	Approximate Weight (in Pounds)
1/2	0.84	0.464	0.188	—	—
3/4	1.05	0.612	0.219	—	—
1	1.32	0.815	0.250	1.00	—
1 1/4	1.66	1.160	0.250	1.25	—
1 1/2	1.90	1.338	0.281	1.50	—
2	2.38	1.687	0.344	2.00	2.4
2 1/2	2.88	2.125	0.375	2.50	—
3	3.50	2.624	0.438	3.00	5.6
4	4.50	3.438	0.531	4.00	12.5
5	5.56	4.313	0.625	5.00	—
6	6.63	5.187	0.719	6.00	—
8	8.63	6.813	0.906	8.00	127.0
10	10.75	8.500	1.125	10.00	—
12	12.75	10.126	1.312	12.00	—
14	14.00	11.188	1.406	14.00	—
16	16.00	12.812	1.594	16.00	—
18	18.00	14.438	1.781	18.00	—
20	20.00	16.062	1.969	20.00	—
22	22.00	17.750	2.125	22.00	—
24	24.00	19.312	2.344	24.00	—

** Dimensions conform to ASME B16.9 & material conforms to ASTM SA-234 Grade B.*