

Dimensions of Carbon Steel Pipe Standard Dimensions Conforming To Requirements ANSI B16.25									
Nominal Pipe Size	Pipe Schedule Number	[A] Nominal Pipe O.D.	Valve Outside Diameter	[B] Inside Diameter Of Pipe	[C] Bore Of Wlding Lip	Wall Thickness Of Pipe	Pipe Schedule Number	Nominal Pipe Size	
2½"	40	2.875	27/8	2.469	2.479	0.203	40	2½"	
	80			2.323	2.351	0.276	80		
	160			2.125	2.178	0.375	160		
	XXS			1.771	1.868	0.552	XXS		
3"	40	3.500	319/32	3.068	3.081	0.216	40	3"	
	80			2.900	2.934	0.300	80		
	160			2.624	2.692	0.438	160		
	XXS			2.300	2.409	0.600	XXS		
4"	40	4.500	45/8	4.026	4.044	0.237	40	4"	
	80			3.826	3.869	0.337	80		
	120			3.624	3.692	0.438	120		
	160			3.438	3.530	0.531	160		
XXS	XXS			3.152	3.279	0.674	XXS		
	5"	5.563	511/16	5.047	5.070	0.258	40	5"	
				80	4.813	4.866	0.375		80
				120	4.563	4.647	0.500		120
160				4.313	4.428	0.625	160		
XXS	XXS			4.063	4.209	0.750	XXS		
	6"	6.625	625/32	6.065	6.097	0.280	40	6"	
				80	5.761	5.825	0.432		80
				120	5.501	5.600	0.562		120
160				5.189	5.327	0.719	160		
XXS	XXS			4.897	5.072	0.864	XXS		
	8"	8.625	825/32	7.981	8.020	0.322	40	8"	
				60	7.813	7.873	0.406		60
				80	7.625	7.709	0.500		80
100				7.439	7.546	0.594	100		
120				7.189	7.327	0.719	120		
140				7.001	7.163	0.812	140		
XXS				6.875	7.053	0.875	XXS		
160				6.813	6.998	0.906	160		
10"	10.750	1015/16	10.020	10.070	0.365	40	10"		
			60	9.750	9.834	0.500		60	
			80	9.564	9.671	0.594		80	
			100	9.314	9.452	0.719		100	
			120	9.064	9.234	0.844		120	
			140	8.750	8.959	1.000		140	
			160	8.500	8.740	1.125		160	
			12"	12.750	1231/32	12.00		12.053	0.375
40	11.938	11.999				0.406	40		
XS	11.750	11.834				0.500	XS		
60	11.626	11.725				0.562	60		
80	11.376	11.507				0.688	80		
100	11.064	11.234				0.844	100		
120	10.750	10.959				1.000	120		
140	10.500	10.740				1.125	140		
14"	14.000	141/4	13.250	13.303	0.375	STD.	14"		
			40	13.124	13.192	0.438		40	
			XS	13.000	13.064	0.500		XS	
			60	12.814	12.921	0.594		60	
			80	12.500	12.646	0.750		80	
			100	12.126	12.319	0.938		100	
			120	11.814	12.046	1.094		120	
			140	11.500	11.771	1.250		140	
16"	16.000	161/4	15.250	15.303	0.375	STD.	16"		
			40	15.000	15.084	0.500		40	
			60	14.688	14.811	0.656		60	
			80	14.314	14.484	0.844		80	
			100	13.938	14.155	1.031		100	
			120	13.564	13.827	1.219		120	
			140	13.124	13.442	1.438		140	
			160	12.814	13.171	1.594		160	
18"	18.000	189/32	16.876	16.975	0.562	40	18"		
			60	16.500	16.646	0.750		60	
			80	16.126	16.319	0.938		80	
			100	15.688	15.936	1.156		100	
			120	15.250	15.553	1.375		120	
			140	14.876	15.225	1.562		140	
20"	20.000	205/16	14.438	14.842	1.781	160	20"		
			40	18.814	18.921	0.594		40	
			60	18.376	18.538	0.812		60	
			80	17.938	18.155	0.031		80	
			100	17.438	17.717	1.281		100	
			120	17.000	17.334	1.500		120	
24"	24.000	243/8	16.500	16.896	1.750	140	24"		
			160	16.064	16.515	1.969		160	
			30	22.876	22.975	0.562		30	
			40	22.626	22.757	0.688		40	
			60	22.064	22.265	0.969		60	
			80	21.564	21.827	1.219		80	
100	100			20.938	21.280	1.531	100	24"	
	120			20.378	20.788	1.812	120		
	140			19.876	20.350	2.062	140		
	160			19.314	19.859	2.344	160		

All Dimensions are given in Inches
STD. = Standard Wall Thickness.
XS = Extra Strong Wall Thickness.
XXS = Double Extra Strong Wall Thickness.