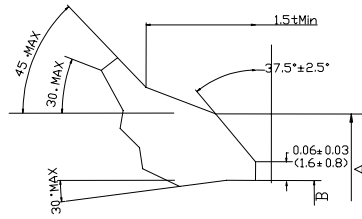
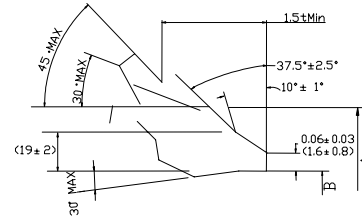


## Dimension of Butt Weld Ends to ANSI B16.25



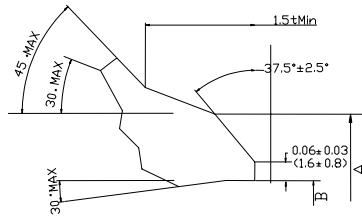
Pipe wall thickness at 0.88 in (22.2mm) or smaller



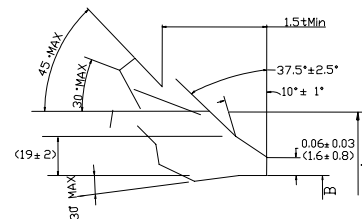
Pipe wall thickness over 0.88 in(22.2mm)

Nominal Pipe Size		Schedule Number or wall	A				B		C		†	
			Pipe Outside Diameter		Valve Outside Diameter		Nominal Inside Diameter		Machined Inside Diameter		Nominal Wall Thickness	
In	mm		In	mm	In	mm	In	mm	In	mm	In	mm
2½	65	40	2.88	43.0	2.96	75	2.469	62.7	2.479	62.95	0.203	5.15
		80					2.323	59.0	2.351	59.70	0.276	7.00
		160					2.125	54.0	2.178	55.30	0.375	9.55
		XXS					1.771	45.0	1.868	47.45	0.552	14.00
3	80	40	3.50	88.9	3.59	91	3.068	78.0	3.081	78.25	0.216	5.50
		80					2.900	74.0	2.934	74.50	0.300	7.60
		160					2.624	67.0	2.629	68.40	0.438	11.15
		XXS					2.300	58.0	2.409	61.20	0.600	15.25
4	100	40	4.50	114.3	4.62	117	4.026	102.0	4.044	102.70	0.237	6.00
		80					3.826	97.0	3.869	98.25	0.337	8.55
		120					3.624	92.0	3.692	93.80	0.438	11.15
		160					3.438	87.0	3.530	89.65	0.531	13.5
		XXS					3.152	80.0	3.279	83.30	0.674	17.10
5	125	40	5.56	141.3	5.69	144	5.047	128.0	5.070	128.80	0.258	6.55
		80					4.813	122.0	4.866	123.60	0.375	9.55
		120					4.563	116.0	4.647	118.05	0.500	12.70
		160					4.313	110.0	4.428	112.45	0.625	15.90
		XXS					4.063	103.0	4.209	106.90	0.750	19.05
6	150	40	6.62	168.3	6.78	172	6.065	154.0	6.094	154.80	0.280	7.10
		80					5.761	146.0	5.828	148.05	0.432	10.95
		120					5.501	140.0	5.600	142.25	0.562	14.25
		160					5.187	132.0	5.326	135.30	0.719	18.25
		XXS					4.897	124.0	5.072	128.85	0.864	21.95
8	200	40	8.62	219.1	8.78	223	7.981	203.0	8.020	203.70	0.322	8.20
		60					7.813	198.0	7.873	199.95	0.406	10.30
		80					7.625	194.0	7.709	195.80	0.500	12.70
		100					7.437	189.0	7.544	191.60	0.594	15.10
		120					7.187	183.0	7.326	186.10	0.719	18.25
		140					7.001	178.0	7.163	181.95	0.812	20.60
		160					6.875	175.0	7.053	179.15	0.875	22.25
		XXS					6.813	173.0	6.998	177.75	0.906	23.00
10	250	40	10.75	273.0	10.94	278	10.020	255.0	10.070	255.80	0.365	9.25
		60					9.750	248.0	9.834	249.80	0.500	12.70
		80					9.562	243.0	9.670	245.6	0.594	15.10
		100					9.312	237.0	9.451	240.05	0.719	18.25
		120					9.062	230.0	9.232	234.50	0.844	21.45
		140					8.750	222.0	8.959	227.55	1.000	25.40
12	300	40	12.75	323.8	12.97	329	8.500	216.0	8.740	222.00	1.125	28.60
		STD					12.000	305.0	12.053	306.15	0.375	9.55
		40					11.938	303.0	11.999	304.75	0.406	10.30
		XS					11.750	298.0	11.834	300.60	0.500	12.70
		60					11.626	295.0	11.725	297.80	0.562	14.25
		80					11.374	289.0	11.505	292.25	0.688	17.50
		100					11.062	281.0	11.232	285.30	0.844	21.45
		120					10.750	273.0	10.959	278.35	1.000	25.40
140	10.500	267.0	10.740	272.80	1.125	28.60						
160	10.126	257.0	10.413	264.50	1.312	33.30						

## Dimension of Butt Weld Ends to ANSI B16.25



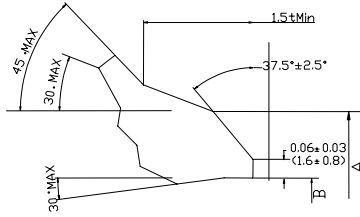
Pipe wall thickness at 0.88 in (22.2mm) or smaller



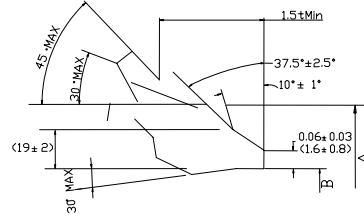
Pipe wall thickness over 0.88 in (22.2mm)

Nominal Pipe Size		Schedule Number or wall	A				B		C		†	
			Pipe Outside Diameter		Valve Outside Diameter		Nominal Inside Diameter		Machined Inside Diameter		Nominal Wall Thickness	
In	mm		In	mm	In	mm	In	mm	In	mm	In	mm
14	350	STD	14.00	355.6	14.25	362	13.250	337.0	13.303	337.90	0.375	9.55
		40					13.124	333.0	13.192	335.10	0.438	11.15
		XS					13.000	330.0	13.084	332.35	0.500	12.70
		60					12.812	325.0	12.920	328.15	0.594	15.10
		80					12.500	318.0	12.646	321.20	0.750	19.05
		100					12.124	308.0	12.318	321.90	0.938	23.85
		120					11.812	300.0	12.044	305.90	1.094	27.80
		140					11.500	292.0	11.771	299.00	1.250	31.75
		160					11.188	284.0	11.498	292.05	1.406	35.70
16	400	STD	16.00	406.4	16.25	413	15.250	387.0	15.303	388.70	0.375	9.55
		40					15.000	381.0	15.084	383.15	0.500	12.70
		60					14.688	373.0	14.811	376.20	0.656	16.65
		80					14.312	364.0	14.482	367.85	0.844	21.45
		100					13.938	354.0	14.155	359.55	1.031	26.20
		120					13.562	344.0	13.826	351.20	1.219	30.95
		140					13.124	333.0	13.442	341.45	1.438	36.55
		160					12.812	325.0	13.170	334.50	1.594	40.50
		18					450	STD	18.00	457.1	18.28	464
XS	17.000		432.0	17.084	433.95	0.500		12.70				
40	16.878		429.0	16.975	431.15	0.562		14.25				
60	16.500		419.0	16.646	422.80	0.750		19.05				
80	16.124		410.0	16.318	414.50	0.938		23.85				
100	15.688		398.0	15.936	404.75	1.156		29.35				
120	15.250		387.0	15.553	395.05	1.375		34.95				
140	14.876		378.0	15.225	386.70	1.562		39.65				
160	14.438		367.0	14.842	377.00	1.781		45.25				
20	500	STD	20.00	508.0	20.31	516	19.250	489.0	19.303	490.30	0.375	9.55
		XS					19.000	483.0	19.084	484.75	0.500	12.70
		40					18.812	478.0	18.920	480.55	0.594	15.10
		60					18.376	467.0	18.538	470.85	0.812	20.60
		80					17.938	456.0	18.155	461.15	1.031	26.20
		100					17.438	443.0	17.717	450.00	1.281	32.55
		120					17.000	432.0	17.334	440.30	1.500	38.10
		140					16.500	419.0	16.896	429.15	1.750	44.45
		160					16.062	408.0	16.513	419.45	1.969	50.00
22	550	STD	22.00	558.8	22.34	567	21.250	540.0	21.303	541.10	0.375	9.65
		XS					21.000	533.0	21.084	535.55	0.500	12.70
		60					20.250	514.0	20.428	518.85	0.875	22.25
		80					19.750	502	19.990	507.75	1.125	28.60
		100					19.250	489.0	19.553	496.65	1.375	34.95
		120					18.750	476.0	19.115	485.50	1.625	41.30
		140					18.250	464.0	18.678	474.40	1.875	47.65
		160					17.750	451.0	18.240	463.30	2.125	54.00
		24					600	STD	24.00	609.6	24.38	619
XS	23.000		584.0	23.084	586.35	0.500		12.70				
30	22.876		581.0	22.975	583.55	0.562		14.25				
40	22.624		575.0	22.755	578.00	0.688		17.50				
60	22.062		560.0	22.263	565.50	0.969		24.60				
80	21.562		548.0	21.826	554.40	1.219		30.95				
100	20.938		532.0	21.280	540.50	1.531		38.90				
120	20.376		518.0	20.788	528.00	1.812		46.00				
140	19.876		505.0	20.350	516.90	2.062		52.36				
160	19.312	491.0	19.857	504.35	2.344	59.55						

## Dimension of Butt Weld Ends to ANSI B16.25



Pipe wall thickness at 0.88 in (22.2mm) or smaller



Pipe wall thickness over 0.88 in (22.2mm)

Nominal Pipe Size		Schedule Number or wal	A				B		C		†	
			Pipe Outside Diameter		Valve Outside Diameter		Nominal Inside Diameter		Machined Inside Diameter		Nominal Wall Thickness	
In	mm		In	mm	In	mm	In	mm	In	mm	In	mm
26	650	10					25.376	645.0	25.413	645.50	0.312	7.90
		20	26.00	66.4	26.38	670	25.000	635.0	25.084	637.15	0.500	12.70
28	700	10					27.376	695.0	27.413	696.30	0.312	7.90
		20	28.00	711.2	28.38	721	27.000	686.0	27.084	687.95	0.500	12.70
		30					26.750	679.0	26.865	682.35	0.625	15.90
30	750	10					29.376	746.0	29.413	747.10	0.312	7.90
		20	30.00	762.0	30.38	772	29.000	737.0	29.084	738.75	0.500	12.70
		30					28.750	730.0	28.865	733.15	0.625	15.90
32	800	10					31.376	797.0	31.413	797.90	0.312	7.90
		20					31.000	787.0	31.084	789.55	0.500	12.70
		30	32.00	812.8	32.50	825	30.750	771.0	30.865	783.95	0.625	15.90
		40					30.624	778.0	30.755	781.20	0.688	17.50
34	850	10					33.376	848.0	33.413	848.70	0.312	7.90
		20					33.000	838.0	33.084	840.35	0.500	12.70
		30	34.00	863.6	34.50	876	32.750	832.0	32.865	833.75	0.625	15.90
		40					32.624	829.0	32.755	832.00	0.688	17.50
36	900	10					35.376	899.0	35.413	899.50	0.312	7.90
		20					35.000	889.0	35.084	891.15	0.500	12.70
		30	36.00	914.4	36.50	927	34.750	883.0	34.865	885.55	0.625	15.90
		40					34.500	876.0	34.646	880.00	0.750	19.05

\*STD – Standard Wall Thickness  
XS – Extra Strong Wall Thickness  
XXS – Double Extra Strong Wall Thickness

Tolerance on dimension:  
2 1/2" - 4" : -0.03 ~ +0.09  
6" - 36" : -0.03 ~ +0.16