

**Carbon / Alloy steel pipe Dimensions with Weight & Test pressure**  
**According to ANSI B 36.10 for specification ASTM A53 / A106 / A333 / A335**

Nominal Size		Outside Diameter		Wall Thickness		Class	Sched No.	Nominal Weight			Test Pressure Min					
											Butt Welded		Grade A		Grade B	
in	mm	in	mm	in	mm			lb/ft	kg/ft	kg/m	psi	kg/cm2	psi	kg/cm2	psi	kg/cm2
1/8	6	0.405	10.3	0.068	1.7	std	40	0.24	0.11	0.36	700	49.2	700	49.2	700	49.2
				0.095	2.4	xs	80	0.31	0.14	0.47	850	59.8	850	59.8	850	59.8
1/4	8	0.54	13.7	0.088	2.24	std	40	0.42	0.19	0.63	700	49.2	700	49.2	700	49.2
				0.199	3.02	xs	80	0.74	0.34	1.1	850	59.8	850	59.8	850	59.8
3/8	10	0.675	17.1	0.091	2.31	std	40	0.57	0.26	0.84	700	49.2	700	49.2	700	49.2
				0.126	3.2	xs	80	0.74	0.34	1.1	850	59.8	850	59.8	850	59.8
1/2	15	0.84	21.3	0.109	2.77	std	40	0.85	0.39	1.27	700	49.2	700	49.2	700	49.2
				0.147	3.73	xs	80	1.09	0.49	1.62	850	59.8	850	59.8	850	59.8
				0.188	4.78	---	160	1.94	0.88	2.9	1000	70.3	1000	70.3	1000	70.3
				0.294	7.47	XXS	---	1.71	0.78	2.55	1000	70.3	1000	70.3	1000	70.3
3/4	20	1.05	26.7	0.113	0.113	std	40	1.13	0.51	1.69	700	49.2	700	49.2	700	49.2
				0.154	0.154	xs	80	1.47	0.67	2.2	850	59.8	850	59.8	850	59.8
				0.218	0.218	---	160	1.94	0.88	2.9	1000	70.3	1000	70.3	1000	70.3
1	25	1.315	33.4	0.308	0.308	xxs	---	2.44	1.11	3.63	1000	70.3	1000	70.3	1000	70.3
				0.133	3.38	std	40	1.68	0.76	2.5	700	49.2	700	49.2	700	49.2
				0.179	4.55	xs	80	2.17	0.98	3.23	850	59.8	850	59.8	850	59.8
				0.25	6.35	---	160	2.84	1.29	4.23	1000	70.3	1000	70.3	1000	70.3
1 1/4	32	1.66	42.2	0.358	9.09	xxs	---	3.66	1.66	5.45	1000	70.3	1000	70.3	1000	70.3
				0.14	3.56	std	40	2.27	1.03	3.38	1000	70.3	1000	70.3	1000	70.3
				0.191	4.85	xs	80	3	1.36	4.47	1300	91.4	1500	105.5	1500	105.5
				0.25	6.35	---	160	3.76	1.71	5.6	1400	98.4	1800	126.5	1800	126.5
1 1/2	40	1.9	48.3	0.382	9.7	xxs	---	6.41	2.91	9.55	1400	98.4	1800	126.5	1900	126.5
				0.145	3.68	std	40	2.72	1.23	4.05	1000	70.3	1000	70.3	1000	70.3
				0.2	5.08	xs	80	3.63	1.65	5.41	1300	91.4	1500	105.5	1500	112.5
				0.281	7.14	---	160	4.85	2.2	7.24	1400	98.4	1800	126.5	1800	133.6
				0.4	10.15	xxs	---	6.41	2.91	9.55	1400	98.4	1800	126.5	1900	133.6

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**Carbon / Alloy steel pipe Dimensions with Weight & Test pressure**  
**According to ANSI B 36.10 for specification ASTM A53 / A106 / A333 / A335**

Nominal Size		Outside Diameter		Wall Thickness		Class	Sched No.	Nominal Weight			Test Pressure Min					
											Butt Welded		Grade A		Grade B	
in	mm	in	mm	in	mm			lb/ft	kg/ft	kg/m	psi	kg/cm2	psi	kg/cm2	psi	kg/cm2
2	50	2.375	60.3	0.154	3.91	std	40	3.65	1.66	5.44	1000	70.3	2300	161.7	2500	175.8
				0.218	5.54	xs	80	5.02	2.28	7.48	1300	91.4	2500	175.8	2500	175.8
				0.344	8.74	---	160	7.46	3.38	11.11	---	---	2500	175.8	2500	175.8
				0.436	11.13	xxs	---	9.03	4.1	13.45	1400	98.4	2500	175.8	2500	175.8
2 1/2	65	2.875	73	0.203	5.16	std	40	5.79	2.63	8.62	1000	70.3	2500	175.8	2500	175.8
				0.276	7.01	xs	80	7.66	3.47	11.41	1300	91.4	2500	175.8	2500	175.8
				0.375	9.53	---	160	10.01	4.54	14.91	1400	98.4	2500	175.8	2500	175.8
				0.552	14.02	xxs	---	18.7	6.21	20.39	1400	98.4	2500	175.8	2500	175.8
3	80	3.5	88.9	0.188	4.78	---	---	6.63	3.01	9.87	1000	70.3	---	---	---	---
				0.216	5.49	std	40	7.58	3.44	11.29	1000	70.3	2200	154.7	2500	175.8
				0.3	7.62	xs	80	10.25	4.65	15.27	1300	91.4	2500	175.8	2500	175.8
				0.438	11.13	---	160	14.31	6.489	21.33	---	---	2500	175.8	2500	175.8
				0.6	15.24	xxs	---	18.58	8.13	27.67	---	---	2500	175.8	2500	175.8
3 1/2	90	4	101.6	0.188	4.78	---	---	7.63	3.46	11.35	1200	84.4	---	---	---	---
				0.226	5.74	std	40	9.11	4.13	13.57	1200	84.4	2000	140.6	2400	168.7
				0.318	8.08	xs	80	12.51	5.67	18.63	1700	119.5	2800	196.8	2800	196.8
4	100	4.5	114.3	0.156	3.96	---	---	7.25	3.29	10.79	1000	70.3	---	---	---	---
				0.188	4.78	---	---	8.64	3.92	12.86	1200	84.4	---	---	---	---
				0.219	5.56	---	---	10	4.54	14.88	1200	84.4	---	---	---	---
				0.237	6.02	std	40	10.79	4.89	16.07	1200	84.4	1900	133.6	2200	154.7
				0.337	8.56	xs	80	14.98	6.79	22.31	1700	119.5	2700	189.8	2800	196.8
				0.438	11.13	---	120	18.98	8.61	28.32	---	---	2800	196.8	2800	196.8
				0.531	13.49	---	160	22.52	10.21	33.53	---	---	2800	196.8	2800	196.8
				0.674	17.12	xxs	---	27.54	12.49	41.02	---	---	2800	196.8	2800	196.8

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**Carbon / Alloy steel pipe Dimensions with Weight & Test pressure**  
**According to ANSI B 36.10 for specification ASTM A53 / A106 / A333 / A335**

Nominal Size		Outside Diameter		Wall Thickness		Class	Sched No.	Nominal Weight			Test Pressure Min					
											Butt Welded		Grade A		Grade B	
in	mm	in	mm	in	mm			lb/ft	kg/ft	kg/m	psi	kg/cm2	psi	kg/cm2	psi	kg/cm2
5	125	5.563	141.3	0.258	6.55	std	40	14.62	6.63	21.78	---	---	1700	119.5	1900	133.6
				0.375	9.35	xs	80	20.78	9.43	30.35	---	---	2400	168.7	2800	196.8
				0.5	12.7	---	120	27.04	12.27	40.28	---	---	2800	196.8	2800	196.8
				0.625	15.88	---	160	32.96	14.95	49.09	---	---	2800	196.8	2800	196.8
				0.75	19.05	XXS	---	38.55	17.49	57.42	---	---	2800	196.8	2800	196.8
6	150	6.625	168.3	0.28	7.11	std	40	14.62	6.63	28.26	---	---	1500	105.5	1800	126.5
				0.432	10.97	xs	80	28.57	12.96	42.56	---	---	2300	167.7	2700	196.8
				0.562	14.27	---	120	35.42	16.52	54.2	---	---	2800	196.8	2800	196.8
				0.719	18.26	---	160	45.34	20.57	67.55	---	---	2800	196.8	2800	196.8
				0.864	21.95	XXS	---	43.16	24.11	79.18	---	---	2800	196.8	2800	196.8
8	200	8.625	219.1	0.25	6.35	---	20	22.36	10.14	33.31	---	---	1000	70.3	1200	84.4
				0.277	7.04	---	30	24.7	11.7	36.79	---	---	1200	84.4	1300	91.4
				0.322	8.18	std	40	28.55	12.92	42.53	---	---	1300	91.4	1600	112.5
				0.406	10.31	---	60	35.66	16.18	53.09	---	---	1700	119.5	2000	140.6
				0.5	12.7	XS	80	43.39	19.68	64.63	---	---	2100	147.6	2400	168.7
				0.594	15.09	---	100	50.93	23.1	75.89	---	---	2500	175.8	2800	196.8
				0.719	18.26	---	120	60.69	27.53	90.43	---	---	2800	196.8	2800	196.8
				0.812	20.62	---	140	67.79	30.75	100.93	---	---	2800	196.8	2800	196.8
				0.875	22.23	XXS	---	72.42	32.85	107.87	---	---	2800	196.8	2800	196.8
				0.906	23.01	---	160	74.71	33.89	111.25	---	---	2800	196.8	2800	196.8
				1.102	28	---	---	88.65	59.98	131.95	---	---	2500	196.8	2800	196.8
				1.26	32	---	---	95.16	64.38	141.64	---	---	2500	196.8	2800	196.8
1.417	36	---	---	105.21	73.89	162.55	---	---	2500	196.8	2800	196.8				
1.574	40	---	---	118.89	80.3	176.6	---	---	2500	196.8	2800	196.8				

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Nominal Size		Outside Diameter		Wall Thickness		Class	Sched No.	Nominal Weight			Test Pressure Min					
in	mm	in	mm	in	mm			lb/ft	kg/ft	kg/m	Butt Welded		Grade A		Grade B	
										psi	kg/cm2	psi	kg/cm2	psi	kg/cm2	
10	250	10.75	273.1	0.25	6.35	-	20	28.04	12.72	41.77	-	-	850	59.8	1000	70.3
				0.279	7.11	-	-	31.2	14.15	46.64	-	-	950	66.8	1100	77.3
				307	7.8	-	30	34.24	15.53	51	-	-	1000	70.3	1200	84.4
				0.365	9.27	std	40	40.48	18.36	60.29	-	-	1200	84.4	1400	98.4
				0.5	12.7	xs	60	54.74	24.83	81.54	-	-	1700	119.5	2000	140.6
				0.594	15.09	-	80	64.4	29.21	95.97	-	-	2000	140.6	2300	161.7
				0.719	18.26	-	100	77.00	34.93	114.7	-	-	2400	168.7	2800	196.8
				0.844	21.44	-	120	89.27	40.49	133	-	-	2800	196.8	2800	196.8
				1	25.4	xxs	140	104.13	47.23	155.1	-	-	2800	196.8	2800	196.8
				1.125	28.58	-	160	115.65	52.46	172.25	-	-	2800	196.8	2800	196.8
				-	32	-	-	127.75	86.45	190.26	-	-	2800	196.8	2800	196.8
-	40	-	-	154.38	104.47	229.93	-	-	2800	196.8	2800	196.8				
12	300	12.75	323.8	0.25	6.35	-	20	33.28	15.14	49.72	-	-	700	49.2	800	56.2
				0.33	8.38	-	30	43.77	19.85	65.2	-	-	950	66.8	1100	77.3
				0.375	9.53	std	-	49.56	22.48	73.82	-	-	1100	77.3	1200	84.4
				0.406	10.31	-	40	53.56	24.29	79.72	-	-	1100	77.3	1300	91.4
				0.5	12.7	xs	-	65.42	29.67	97.44	-	-	1400	98.4	1600	112.5
				0.562	14.27	-	60	73.22	33.21	108.96	-	-	1600	112.5	1900	133.6
				0.668	17.48	-	80	88.57	40.17	132.01	-	-	1900	133.6	2300	161.7
				0.844	21.44	-	100	107.29	48.67	159.85	-	-	2400	168.7	2800	196.8
				1	25.4	xxs	120	125.49	56.92	186.92	-	-	2800	196.8	2800	196.8
				1.125	28.58	-	140	139.68	63.36	208.04	-	-	2800	196.8	2800	196.8
				1.312	33.32	-	160	160.33	72.72	238.72	-	-	2800	196.8	2800	196.8
-	40	-	-	188.04	125.25	279.94	-	-	2800	196.8	2800	196.8				

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Nominal Size		Outside Diameter		Wall Thickness		Class	Sched No.	Nominal Weight			Test Pressure Min					
											Butt Welded		Grade A		Grade B	
in	mm	in	mm	in	mm			lb/ft	kg/ft	kg/m	psi	kg/cm2	psi	kg/cm2	psi	kg/cm2
14	350	14	355.6	0.25	6.35	-	10	36.71	16.65	54.68	-	-	650	45.7	750	52.7
				0.312	7.92	-	20	45.68'	20.72	67.94	-	-	800	56.2	950	66.8
				0.375	9.53	std	300	54.57	24_75	8.1.28	-	-	950	66.8	1100	77.3
				0.438	11.13	-	40	63.37	28.74	9449	-	-	1100	77.3	1300	91.4
				0.5	12.7	xs	-	72.09	32.7	107.38	-	-	1300	91.4	1300	91.4
				0.594	15.09	-	60	85.01	38.56	126.68.	-	-	1500	105.5	1500	105.5
				0.75	19.05	-	80	106.13	48.14	158.08	-	-	1900	133.6	2800	196.8
				0.938	23.82	-	100	130.79	59.33	194.9	-	-	2400	168.7	2800	196.8
				1.094	27.79	-	120	150.76	68.38	224.6	-	-	2800	196.8	2800	196.8
				1.25	31.75	-	140	170.22	77.21	253.53	-	-	2800	196.8	2800	196.8
				1.406	35.71	-	160	189.15	85.8	281.68-	-	-	2800	196.8	2800	196.8
-	40	-	-	209.11	141.5	311,31:	-	-	2800	196.8	2800	196.8				
16	400	16	406.4	0.25	6.35	-	10 1	42.05	19.07	62.63	-	-	550	38.7	650	45.7
				0.312	7.92	-	20	52 36	32.75	77.86	-	-	700	49.2	800	56.2
				0.375	9.53	std	30	52.58	28.39	93.21	-	-	850	59.8	1000	70.3
				0.5	12.7	xs	40	82 77	37.54	123.29	-	-	1100	77.3	1300	91.4
				0.656	16.66	-	60	107.54	48.78	160.12	-	-	1500	105.5	1700	119.5
				0.844	21.44	-	80	136.53	61.95	203.48	-	-	1900	133.6	2200	154.7
				1.031	26.19	-	100	164.86	74.48	245.5	-	-	2300	161.7	2700	189.8
				1.219	30.96	-	120	192.4	87.27	286.62	-	-	2700	189.8	2800	196.8
				1.438	36.53	-	140	223.57	101.41	333.11	-	-	2800	196.8	2800	196.8
				1.594	40.49	-	160	245.22	111.23	365.39	-	-	2800	196.8	2800	196.8

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Nominal Size		Outside Diameter		Wall Thickness		Class	Sched No.	Nominal Weight			Test Pressure Min					
											Butt Welded		Grade A		Grade B	
in	mm	in	mm	in	mm			lb/ft	kg/ft	kg/m	psi	kg/cm2	psi	kg/cm2	psi	kg/cm2
18	450	18	457.2	0.25	6.35	-	10	47.39	21.49	70.59	-	-	550	38.7	650	45.7
				0.312	7.92	-	20	59.03	26.76	87.79	-	-	650	45.7	800	56.2
				0.375	9.53	std	-	70.59	32	105.14	-	-	750	52.7	850	59.8
				0.437	11.13	-	30	82.06	37	122.36	-	-	850	59.8	1000	70.3
				0.5	12.7	xs	-	92.45	42.37	139.19	-	-	1000	70.3	1200	84.4
				0.562	14.2	-	40	104.75	47.55	155.91	-	-	1100	77.3	1300	91.4
				0.75	19.05	-	60	138.17	62.79	205.8	-	-	1500	105.5	1800	126.6
				0.937	23.83	-	80	170.75	77.42	254.59	-	-	1800	126.5	2300	161.7
				1.156	26.36	-	100	207.96	94.48	309.76	-	-	2300	161.7	2800	196.8
				1.375	34.93	-	120	244.15	110.7	363.65	-	-	2700	189.8	2800	196.8
				1.562	39.67	-	140	274.73	124.4	408.45	-	-	2800	196.8	2800	196.8
				1.781	45.24	-	160	308.51	139.9	459.51	-	-	2700	189.8	2800	196.8
20	500	20	508	0.25	6.35	-	10	52.73	23.93	78.54	-	-	450	31.6	600	42.2
				0.375	9.53	std	20	78.6	35.56	117.07	-	-	650	45.7	800	56.2
				0.5	12.7	xs	30	104.13	47.24	155.1	-	-	900	63.3	1000	70.3
				0.593	15.09	-	40	122.91	55.78	183.37	-	-	1050	73.8	1200	84.4
				0.812	20.62	-	60	166.4	75.59	247.85	-	-	1400	98.4	1700	119.5
				1.031	26.2	-	80	208.87	94.79	311.29	-	-	1800	126.5	2000	140.6
				1.281	32.5	-	100	256.1	116.2	381	-	-	2300	161.7	2800	196.8
				1.5	38	-	120	296.37	134.4	440	-	-	2700	189.8	2800	196.8
				1.75	44.4	-	140	341.1	154.8	507.6	-	-	2800	196.8	2800	196.8
				1.968	50	-	160	379.01	171.9	564.71	-	-	2800	196.8	2800	196.8

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Nominal Size		Outside Diameter		Wall Thickness		Class	Sched No.	Nominal Weight			Test Pressure Min					
											Butt Welded		Grade A		Grade B	
in	mm	in	mm	in	mm			lb/ft	kg/ft	kg/m	psi	kg/cm2	psi	kg/cm2	psi	kg/cm2
22	550	22	558.80,	0.25	6.35	-	10	57.93	26.33	86.5	-	-	400	28.1	500	35.2
				0.375	9.53	std	20	86.5	39.32	129.01	-	-	600	42.2	700	49.2
				0.5	12.7	xs	30	114.66	52.12	171.01	-	-	800	56.2	900	63.3
				0.875	22.2	-	60	197.14	89.61	294	-	-	1400	98.4	1500	105.5
				1.126	28.6	-	80	250.14	113.7	373	-	-	2200	154.7	2000	140.6
				1.374	34.9	-	100	302.5	137.5	451	-	-	2200	154.7	2600	182.8
				1.626	41.3	-	120	352.66	160.3	526	-	-	2600	182.8	2800	196.8
				1.874	47.6	-	140	402.38	182.9	600	-	-	2800	196.8	2800	196.8
				2.126	54	-	160	449.9	204.5	671	-	-	2800	196.8	2800	196.8
24	600	24	609.6	0.25	6.35	-	10	63.41	28.77	94.45	-	-	350	24.6	500	35.2
				0.375	9.53	std	20	94.62	42.98	140.94	-	-	550	38.7	700	49.2
				0.5	12.7	xs	-	125.49	57	186.92	-	-	700	49.2	800	56.2
				0.552	14.27	-	30	140.8	64	209.54	-	-	800	56.2	1000	70.3
				0.674	17.48	-	40	171.17	77.72	255.14	-	-	1000	70.3	1200	84.4
				0.968	24.61	-	60	238.17	108.29	355.02	-	-	1400	98.4	1600	112.5
				1.218	31	-	80	296.36	134.4	441	-	-	1800	126.5	2000	140.6
				1.531	38.9	-	100	367.4	166.7	547	-	-	2200	154.7	2600	182.8
				1.812	46	-	120	429.39	194.88	639	-	-	2600	182.8	2800	196.8
				2.342	59.5	-	160	541.94	246	807	-	-	2800	196.8	2800	196.8

**Tolerance in wall thickness subject to +- 12.5%**

B Lalbhai Co.

All sorts of – Pipes, Forged Fittings, Buttweld Fittings, Forged Flanges, and Valves for Industries

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