

PIPE SPECIFICATION REFERENCE GUIDE



NOMINAL WALL THICKNESS FOR WELDED PIPE AND SEAMLESS STEEL PIPE ANSI B36.10

Nominal Pipe Size Metric	Nominal Pipe Size Inches	OD mm	W.T.	W.T.	W.T.	W.T.	W.T.	W.T.	W.T.	W.T.	W.T.	W.T.	W.T.	W.T.	W.T.	W.T.
			4.8mm	Sch 10	Sch 20	Sch 30	STD	Sch 40	Sch 60	XS	Sch 80	Sch 100	Sch 120	Sch 140	Sch 160	XXS
			weight kgs p/m	weight kgs p/m	weight kgs p/m	weight kgs p/m	weight kgs p/m	weight kgs p/m	weight kgs p/m	weight kgs p/m	weight kgs p/m	weight kgs p/m	weight kgs p/m	weight kgs p/m	weight kgs p/m	weight kgs p/m
6	1/8	10.3					1.73 0.37	1.73 0.37		2.41 0.47	2.41 0.47					
8	1/4	13.7					2.24 0.63	2.24 0.63		3.02 0.8	3.02 0.8					
10	3/8	17.1					2.31 0.84	2.31 0.84		3.2 1.1	3.2 1.1					
15	1/2	21.3					2.77 1.27	2.77 1.27		3.73 1.62	3.73 1.62			4.78 1.95	7.47 2.55	
20	3/4	26.7					2.87 1.69	2.87 1.69		3.91 2.2	3.91 2.2			5.56 2.9	7.82 3.64	
25	1	33.4					3.38 2.5	3.38 2.5		4.55 3.24	4.55 3.24			6.35 4.24	9.09 5.45	
32	1-1/4	42.2					3.56 3.39	3.56 3.39		4.85 4.47	4.85 4.47			6.35 5.61	9.7 7.77	
40	1-1/2	48.3					3.68 4.05	3.68 4.05		5.08 5.41	5.08 5.41			7.14 7.25	10.15 9.55	
50	2	60.3					3.91 5.44	3.94 5.44		5.54 7.48	5.54 7.48			8.74 11.11	11.07 13.44	
65	2-1/2	73					5.16 8.63	5.16 8.63		7.01 11.41	7.01 11.41			9.53 14.92	14.02 20.39	
80	3	88.9					5.49 11.29	5.49 11.29		7.62 15.27	7.62 15.27			11.13 21.35	15.24 27.68	
90	3-1/2	101.6					5.74 13.57	5.74 13.57		8.08 18.63	8.08 18.63					
100	4	114.3	4.8 12.96				6.02 16.08	6.02 16.08		8.56 22.32	8.56 22.32		11.13 28.32	13.49 33.54	17.12 41.03	
125	5	141.3	4.8 16.16				6.55 21.77	6.55 21.77		9.53 30.97	9.53 30.97		12.7 40.28	15.88 49.12	19.05 57.43	
150	6	168.3	4.8 19.35		6.35 25.36		7.11 28.26	7.11 28.26		10.97 42.56	10.97 42.56		14.27 54.2	18.26 67.56	21.95 79.22	
200	8	219.1	4.8 25.37		6.35 33.31	7.04 36.82	8.18 42.55	8.18 42.55	10.31 53.08	12.7 64.64	12.7 64.64	15.09 75.92	18.26 90.44	20.62 100.93	23.01 111.27	22.23 107.92
250	10	273.1	4.8 31.76		6.35 41.77	7.8 51.03	9.27 60.31	9.27 60.31	12.7 81.55	12.7 81.55	15.09 96.01	18.26 114.75	21.44 133.06	25.4 155.15	28.58 172.33	25.4 155.15
300	12	323.9			6.35 49.73	8.38 65.2	9.53 73.88	10.31 79.73	14.27 108.97	12.7 97.46	17.48 132.08	21.44 159.91	25.4 186.97	28.58 208.14	33.32 238.76	25.4 186.97
350	14	355.6		6.35 54.69	7.92 67.9	9.53 81.33	9.53 81.33	11.13 94.55	15.09 126.71	12.7 107.39	19.05 158.1	23.83 194.96	27.79 224.65	31.75 253.56	35.71 281.7	
400	16	406.4		6.35 62.64	7.92 77.83	9.53 93.27	9.53 93.27	12.7 123.3	16.66 160.12	12.7 123.3	21.44 203.53	26.19 245.56	30.96 286.64	36.53 333.19	40.49 365.36	
450	18	457.2		6.35 70.6	7.92 87.75	11.13 122.43	9.53 105.21	14.27 155.87	19.05 205.83	12.7 139.21	23.88 255.17	39.36 309.76	34.93 363.73	39.67 408.45	45.24 459.59	
500	20	508		6.35 78.55	9.53 117.15	12.7 155.12	9.53 117.15	15.09 183.42	20.62 247.83	12.7 155.12	26.19 311.18	32.54 381.53	38.1 441.49	44.45 508.11	50.01 564.82	
550	22	558.8		6.35 86.51	9.53 129.08	12.7 171.03	9.53 129.08		22.23 294.14	12.7 171.03	28.58 373.69	34.93 451.25	41.28 526.82	47.63 600.4	53.98 671.99	
600	24	609.9		6.35 94.51	9.53 141.09	14.27 209.6	9.53 141.09	17.48 255.37	24.61 355.2	12.7 187.03	30.96 442.01	38.89 547.61	46.02 639.92	52.37 720.02	59.54 808.07	
650	26	660.4		7.92 127.43	12.7 202.85		9.53 152.96			12.7 202.85						
700	28	711.2		7.92 137.36	12.7 218.76	15.88 272.29	9.53 164.9			12.7 218.76						
750	30	762		7.92 147.28	12.7 234.67	15.88 292.18	9.53 176.84			12.7 234.67						
800	32	812.8		7.92 157.2	12.7 250.58	15.88 312.08	9.53 188.78	17.48 342.83		12.7 250.58						
850	34	863.6		7.92 167.12	12.7 266.49	15.88 331.97	9.53 200.72	17.48 364.73		12.7 266.49						
900	36	914.4		7.92 177.04	12.7 282.4	15.88 351.86	9.53 212.65	19.05 420.61		12.7 282.4						
950	38	965.2					9.53 224.59			12.7 298.31						
1000	40	1016					9.53 236.53			12.7 314.22						
1050	42	1066.8					9.53 248.47			12.7 330.13						
1100	44	1117.6					9.53 260.41			12.7 346.04						
1150	46	1168.4					9.53 272.35			12.7 361.94						
1200	48	1219.2					9.53 284.28			12.7 377.85						

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CASING SPECIFICATIONS FOR OCTG CASING AS PER API 5CT

OD Inches	OD mm	# (T&C)	Wall mm	Kg/m
4 1/2"	114.3	9.5	5.21	14.02
		10.5	5.69	15.24
		11.6	6.35	16.90
		13.5	7.37	19.43
		15.1	8.56	22.32
		18.8	10.92	27.84
		21.6	12.70	31.82
		24.6	14.22	35.09
5"	127	11.5	5.59	16.74
		13	6.43	19.12
		15	7.52	22.16
		18	9.19	26.70
		20.3	10.36	29.80
		20.8	10.72	30.74
		21.4	11.10	31.72
		23.2	12.14	34.39
5 1/2"	139.7	24.1	12.70	35.80
		14	6.20	20.41
		15.5	6.99	22.88
		17	7.72	25.13
		20	9.17	29.52
		23	10.54	33.57
		26.8	12.70	39.77
		29.7	14.27	44.14
6 5/8"	168.275	32.6	15.88	48.49
		35.3	17.45	52.61
		38	19.05	56.68
		40.5	20.62	60.55
		43.1	22.23	64.40
		20	7.32	29.05
		24	8.94	35.13
		28	10.59	41.18
7"	177.8	32	12.06	46.46
		17	5.87	24.89
		20	6.91	29.12
		23	8.05	33.70
		26	9.19	38.21
		29	10.36	42.78
		32	11.51	47.20
		35	12.65	51.52
		38	13.72	55.51
		41	14.99	60.18
		44	16.26	64.77
		46	17.02	67.48
		49.5	18.54	72.81
		42	15.88	63.41
		46	17.45	69.00
		50.1	19.05	74.58
53.6	20.62	79.92		
57.1	22.23	85.28		
7 5/8"	193.675	24	7.62	34.96
		26.4	8.33	38.07
		29.7	9.52	43.23
		33.7	10.92	49.21
		35.8	11.81	52.97
		39	12.70	56.68
		42.8	14.27	63.13
		45.3	15.11	66.54
		47.1	15.88	69.62
		51.2	17.45	75.83
		55.3	19.05	82.03
7 3/4"	196.85	46.1	15.11	67.72

OD Inches	OD mm	# (T&C)	Wall mm	Kg/m
8 5/8"	219.075	24	6.71	35.14
		28	7.72	40.24
		32	8.94	46.33
		36	10.16	52.34
		40	11.43	58.53
		44	12.70	64.63
		49	14.15	71.51
		56	15.11	76.00
9 5/8"	244.475	32.3	7.92	46.20
		36	8.94	51.93
		40	10.03	57.99
		43.5	11.05	63.61
		47	11.99	68.74
		53.5	13.84	78.71
		58.4	15.11	85.46
		59.4	15.47	87.36
		61.1	15.88	89.52
		64.9	17.07	95.73
		70.3	18.64	103.81
9 3/4"	247.65	59.2	15.11	86.65
9 7/8"	250.825	62.8	15.88	92.00
10 3/4"	273.05	32.75	7.09	42.61
		40.5	8.89	53.04
		45.5	10.16	60.30
		51	11.43	67.48
		55.5	12.57	73.85
		60.7	13.84	80.88
		65.7	15.11	87.83
		73.2	17.07	98.40
11 3/4"	298.45	79.2	18.64	106.73
		85.3	20.24	115.09
		42	8.46	60.50
		47	9.52	67.83
		54	11.05	78.31
		60	12.42	87.60
13 3/8"	339.725	65	13.56	95.26
		71	14.78	103.39
		48	8.38	68.47
		54.5	9.65	78.55
		61	10.92	88.54
		68	12.19	98.46
		72	13.06	105.21
		77	13.97	112.22
		80.7	14.73	118.05
		85	15.44	123.47
86	15.88	126.82		
13 1/2"	342.9	81.4	14.73	119.21
13 5/8"	346.075	88.2	15.88	129.30
16"	406.4	65	9.52	93.17
		75	11.13	108.49
		84	12.57	122.08
		109	16.66	160.12
18 5/8"	473.075	87.5	11.05	125.90
20"	508	94	11.13	136.37
		106.5	12.70	155.12
		133	16.13	195.65

Whilst all of these sizes are allowed for within API 5CT, many of these are not manufactured regularly and may be difficult to source. Please contact the experienced team at Allegiant Solutions to help find the right product for your project.