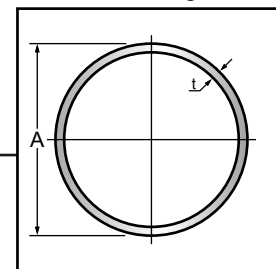


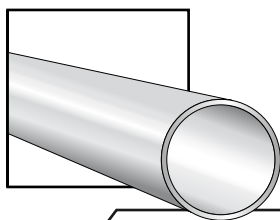
Seamless Black Iron Pipe

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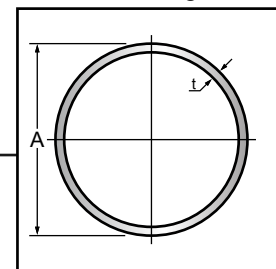
Size	Outside Diameter, A		Wall Thickness, t		Class	Sched No.	Plain End		
							Nominal Weight		
							lbs/ ft	kg/ ft	kg/ M
in	in	mm	in	mm					
1/8	0.405	10.3	0.068	1.73	std	40	0.24	0.11	0.36
			0.095	2.41	xs	80	0.31	0.14	0.46
1/4	0.540	13.7	0.088	2.24	std	40	0.42	0.19	0.63
			0.119	3.02	xs	80	0.54	0.24	0.80
3/8	0.675	17.1	0.091	2.31	std	40	0.57	0.26	0.85
			0.126	3.20	xs	80	0.74	0.34	1.10
1/2	0.840	21.3	0.109	2.77	std	40	0.85	0.39	1.26
			0.147	3.73	xs	80	1.09	0.49	1.62
			0.294	7.47	xxs	...	1.71	0.78	2.54
3/4	1.050	26.7	0.113	2.87	std	40	1.13	0.51	1.68
			0.154	3.91	xs	80	1.47	0.67	2.19
			0.308	7.82	xxs	...	2.44	1.11	3.63
1	1.315	33.4	0.133	3.38	std	40	1.68	0.76	2.50
			0.179	4.55	xs	80	2.17	0.98	3.23
			0.358	9.09	xxs	...	3.66	1.66	5.45
1 1/4	1.660	42.2	0.140	3.56	std	40	2.27	1.03	3.38
			0.191	4.85	xs	80	3.00	1.36	4.46
			0.382	9.70	xxs	...	5.21	2.36	7.75
1 1/2	1.900	48.3	0.145	3.68	std	40	2.72	1.23	4.05
			0.200	5.08	xs	80	3.63	1.65	5.40
			0.400	10.16	xxs	...	6.41	2.91	9.54
2	2.375	60.3	0.154	3.91	std	40	3.65	1.66	5.43
			0.218	5.54	xs	80	5.02	2.28	7.47
			0.344	8.74	...	160	7.46	3.38	11.10
			0.436	11.07	xxs	...	9.03	4.10	13.44
2 1/2	2.875	73.0	0.203	5.16	std	40	5.79	2.63	8.62
			0.276	7.01	xs	80	7.66	3.47	11.40
			0.375	9.53	...	160	10.01	4.54	14.90
			0.552	14.02	xxs	...	13.70	6.21	20.39
3	3.500	88.9	0.188	4.78	...	...	6.65	3.02	9.90
			0.216	5.49	std	40	7.58	3.44	11.28
			0.300	7.62	xs	80	10.25	4.65	15.25
			0.438	11.13	...	160	14.32	6.50	21.31
			0.600	15.24	xxs	...	18.58	8.43	27.65
3 1/2	4.000	101.6	0.188	4.78	...	...	7.65	3.47	11.38
			0.226	5.74	std	40	9.11	4.13	13.56
			0.318	8.08	xs	80	12.51	5.67	18.62

NOTE: Marks as std, xs and xxs indicate standard weight, extra strong and double extra strong, respectively



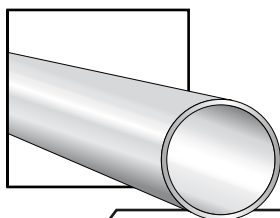
Seamless Black Iron Pipe

ASTM A-53 and API5L



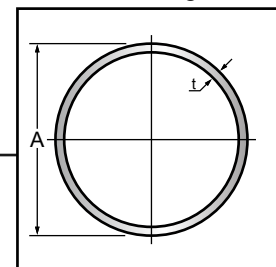
Size	Outside Diameter, A		Wall Thickness, t		Class	Sched No.	Plain End		
							Nominal Weight		
	in	mm	in	mm			lbs/ ft	kg/ ft	kg/ M
4	4.500	114.3	0.156	3.96	...	...	7.24	3.28	10.77
			0.188	4.78	...	...	8.66	3.93	12.89
			0.219	5.56	...	...	10.01	4.54	14.90
			0.237	6.02	std	40	10.79	4.89	16.06
			0.337	8.56	xs	80	14.98	6.79	22.29
			0.438	11.13	...	120	19.00	8.62	28.28
			0.531	13.49	...	160	22.51	10.21	33.50
5	5.563	141.3	0.674	17.12	xxs	...	27.54	12.49	40.98
			0.258	6.55	std	40	14.62	6.63	21.76
			0.375	9.53	xs	80	20.78	9.43	30.92
			0.500	12.70	...	120	27.04	12.27	40.24
			0.625	15.88	...	160	32.96	14.95	49.05
6	6.625	168.3	0.750	19.05	xxs	...	38.55	17.49	57.37
			0.280	7.11	std	40	18.97	8.60	28.23
			0.432	10.97	xs	80	28.57	12.96	42.52
			0.562	14.27	...	120	36.39	16.51	54.15
			0.719	18.26	...	160	45.35	20.57	67.49
8	8.625	219.1	0.864	21.95	xxs	...	53.16	24.11	79.11
			0.250	6.35	...	20	22.36	10.14	33.28
			0.277	7.04	...	30	24.70	11.20	36.76
			0.322	8.18	std	40	28.55	12.95	42.49
			0.406	10.31	...	60	35.64	16.17	53.04
			0.500	12.70	xs	80	43.39	19.68	64.57
			0.594	15.09	...	100	50.95	23.11	75.82
			0.719	18.26	...	120	60.71	27.54	90.35
			0.812	20.62	...	140	67.76	30.74	100.84
10	10.750	273.0	0.875	22.22	xxs	...	72.42	32.85	107.77
			0.906	23.01	...	160	74.69	33.88	111.15
			0.250	6.35	...	20	28.04	12.72	41.73
			0.279	7.09	...	...	31.20	14.15	46.43
			0.307	7.80	...	30	34.24	15.53	50.95
			0.365	9.27	std	40	40.48	18.36	60.24
			0.500	12.70	xs	60	54.74	24.83	81.46
			0.594	15.09	...	80	64.43	29.22	95.88
			0.719	18.26	...	100	77.03	34.94	114.63
10	10.750	273.0	0.844	21.44	...	120	89.29	40.50	132.88
			1.000	25.40	xxs	140	104.13	47.23	154.96
			1.125	28.58	...	160	115.65	52.46	172.11

NOTE: Marks as std, xs and xxs indicate standard weight, extra strong and double extra strong, respectively



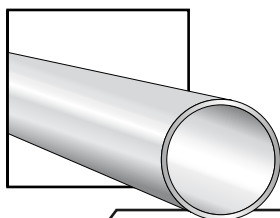
Seamless Black Iron Pipe

ASTM A-53 and API5L



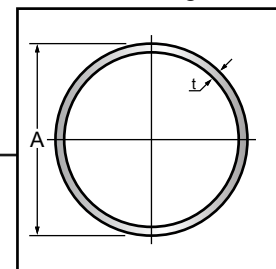
Size	Outside Diameter, A		Wall Thickness, t		Class	Sched No.	Plain End		
							Nominal Weight		
	in	mm	in	mm			lbs/ ft	kg/ ft	kg/ M
12	12.750	323.8	0.250	6.35	...	20	33.38	15.14	49.67
			0.330	8.38	...	30	43.77	19.85	65.14
			0.375	9.52	std	...	49.56	22.48	73.75
			0.406	10.31	...	40	53.52	24.28	79.65
			0.500	12.70	xs	...	65.42	29.67	97.36
			0.562	14.27	...	60	73.15	33.18	108.86
			0.688	17.48	...	80	88.63	40.20	131.90
			0.844	21.44	...	100	107.32	48.68	159.71
			1.000	25.40	xxs	120	125.49	56.92	186.75
			1.125	28.58	...	140	139.68	63.36	207.87
1.312	33.32	...	160	160.27	72.70	238.51			
14	14.000	355.6	0.250	6.35	...	10	36.71	16.65	54.63
			0.312	7.92	...	20	45.61	20.69	67.87
			0.375	9.52	std	30	54.57	24.75	81.21
			0.438	11.13	...	40	63.44	28.78	94.41
			0.500	12.70	xs	...	72.09	32.70	107.28
			0.594	15.09	...	60	85.05	38.58	126.57
			0.750	19.05	...	80	106.13	48.14	157.94
			0.938	23.83	...	100	130.85	59.35	194.73
			1.094	27.79	...	120	150.79	68.40	224.40
			1.250	31.75	...	140	170.22	77.21	253.31
1.406	35.71	...	160	189.11	85.78	281.43			
16	16.000	406.4	0.250	6.35	...	10	42.05	19.07	62.58
			0.312	7.92	...	20	52.27	23.71	77.79
			0.375	9.52	std	30	62.58	28.39	93.13
			0.500	12.70	xs	40	82.77	37.54	123.18
			0.656	16.66	...	60	107.50	48.76	159.98
			0.844	21.44	...	80	136.62	61.97	203.31
			1.031	26.19	...	100	164.82	74.76	245.28
			1.219	30.96	...	120	192.43	87.28	286.37
			1.438	36.53	...	140	223.64	101.44	332.81
			1.594	40.49	...	160	245.25	111.24	364.97

NOTE: Marks as std, xs and xxs indicate standard weight, extra strong and double extra strong, respectively



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Size	Outside Diameter, A		Wall Thickness, t		Class	Sched No.	Plain End		
							Nominal Weight		
	in	mm	in	mm			lbs/ ft	kg/ ft	kg/ M
18	18.000	457.2	0.250	6.35	...	10	47.39	21.50	70.52
			0.312	7.92	...	20	58.94	26.73	87.71
			0.375	9.53	std	...	70.59	32.02	105.05
			0.438	11.13	...	30	82.15	37.26	122.25
			0.500	12.70	xs	...	93.45	42.39	139.07
			0.562	14.27	...	40	104.67	47.48	155.77
			0.750	19.05	...	60	138.17	62.67	205.62
			0.938	23.83	...	80	170.92	77.53	254.36
			1.156	29.36	...	100	207.96	94.33	309.48
			1.315	33.40	...	120	244.14	110.74	363.32
20	20.000	508.0	0.250	6.35	...	10	52.73	23.92	78.47
			0.375	9.53	std	20	78.60	35.65	116.97
			0.500	12.70	xs	30	104.13	47.23	154.96
			0.594	15.09	...	40	123.11	55.84	183.21
			0.812	20.62	...	60	166.40	75.48	247.63
			1.031	26.19	...	80	208.87	94.74	310.83
			1.281	32.54	...	100	256.10	116.16	381.12
			1.500	38.10	...	120	296.37	134.43	441.05
			1.750	44.45	...	140	341.10	154.72	507.61
			1.969	50.01	...	160	379.17	171.99	564.27
24	24.000	609.6	0.250	6.35	...	10	63.41	28.76	94.36
			0.375	9.53	std	20	94.62	42.92	140.81
			0.500	12.70	xs	...	125.49	56.92	186.75
			0.562	14.27	...	30	140.68	63.81	209.35
			0.688	17.48	...	40	171.29	77.70	254.91
			0.938	23.83	...	...	231.03	104.79	343.81
			0.969	24.61	...	60	238.85	108.34	355.45
			1.219	30.96	...	90	296.53	134.53	441.36
			1.531	38.89	...	100	367.39	166.65	546.74
			1.812	46.02	...	120	429.39	194.77	639.00
			2.062	52.37	...	140	483.12	219.14	718.96
			2.344	59.54	...	160	542.14	245.91	806.79

NOTE: Marks as std, xs and xxs indicate standard weight, extra strong and double extra strong, respectively