

# Low-Medium-High Pressure Boiler Tube

Outside Diameter (mm)	Wall Thickness (mm)												
	3.6	4.0	4.5	5.0	5.6	6.3	7.1	8.0	8.8	10.0	11.0	12.5	14.2
48.3	3.97	4.37	4.86	5.34	5.9	6.53	7.21	7.95	8.57	9.4	10.1	11.0	
51.0	4.23	4.66	5.13	5.67	6.24	6.95	7.69	8.43	9.10	10.1	10.9	11.9	12.9
57.0	4.78	5.27	5.81	6.41	7.08	7.91	8.77	9.65	10.4	11.6	12.5	13.8	15.0
60.3	5.07	5.59	6.17	6.82	7.53	8.42	9.34	10.3	11.1	12.4	13.4	14.8	16.2
63.5	5.36	5.91	6.52	7.21	7.97	8.91	9.90	10.9	11.8	13.2	14.3	15.8	17.3
70.0	5.93	6.55	7.24	8.01	8.85	9.92	10.0	12.2	13.2	14.8	16.0	17.8	19.6
76.1	6.49	7.17	7.92	8.77	9.71	10.9	12.1	13.4	14.6	16.3	17.7	19.7	21.7
82.5	7.06	7.80	8.63	9.56	10.6	11.9	13.2	14.6	15.9	17.9	19.5	21.7	24.0
88.9	7.63	8.43	9.33	10.3	11.5	12.9	14.4	15.9	17.3	19.5	21.2	23.7	26.2
101.6		9.70	10.7	11.9	13.2	14.9	16.6	18.4	20.1	22.6	24.7	27.6	30.7
108.0		10.3	11.4	12.7	14.1	15.8	17.7	19.6	21.4	24.2	26.4	29.6	32.9
114.3		11.0	12.1	13.5	16.0	16.8	18.8	20.9	22.8	25.7	28.1	31.6	35.1
121.0			12.9	14.3	15.9	17.8	19.2	22.3	24.3	27.4	29.8	33.4	37.4
127.0			13.5	15.0	16.7	18.8	21.0	23.4	25.5	28.9	31.6	35.5	39.6
133.0			14.2	15.8	17.6	19.8	22.1	24.6	26.9	30.3	33.3	37.4	41.8
139.7			14.9	16.6	18.5	20.8	23.3	25.9	28.3	32.0	35.1	39.5	44.0
152.4				18.2	20.2	22.8	25.5	28.4	31.0	35.1	38.5	43.4	48.5
159.0				19.0	21.1	23.8	26.6	29.6	32.4	36.7	40.3	45.4	50.8
165.1				19.7	21.9	24.8	27.7	30.9	33.8	38.2	42.0	47.4	53.0
168.3				20.1	22.4	25.3	28.3	31.5	34.5	39.0	42.9	48.4	54.1
177.8					28.7	26.7	30.0	33.4	36.5	41.4	45.4	51.3	57.4
193.7						29.2	32.6	36.5	40.0	45.3	49.8	56.2	63.0
216.0						32.6	36.6	41.0	45.0	50.8	55.6	62.7	70.7
219.1						33.2	37.2	41.5	45.4	51.6	56.7	64.1	71.9
244.5							41.2	46.5	50.9	57.8	63.6	72.0	80.8
267.0							45.6	50.9	55.8	63.4	69.7	79.0	88.7
273.0							46.7	52.1	57.1	64.9	71.4	80.9	90.9
406.4										97.8	107	121	137
457.0													

Intermediate sizes are available on request.

## Comparison of materials

ASTM/ASME					DIN	EN	JIS	
A/SA 106	A/SA 53	A/SA 209	A/SA 210	A/SA 213 A/SA 335	17175	10216-2	3461 3462	3456 3458
Gr.A	Gr.A				St35.8	P235GH	STB340	STPT370
Gr.B	Gr.B		Gr.A1		St45.8	P265GH	STB410	STPT410
Gr.C			Gr.C		17Mn4		STB510	STPT480
					19Mn5	20MnNb6		
					15Mo3	16Mo3		
		T1/T1A/T1B		P1		8MoB5-4	STBA12	STPA12
				T2/P2			STBA20	STPA20
				T11/P11		10CrMo5-5	STBA23	STPA23
				T12/P12	13CrMo44	13CrMo4-5	STBA22	STPA22
				T22/P22	10GrMo9-10	10CrMo9-10	STBA24	STPA24
				T23/P23				
					14MoV6-3	14MoV6-3		
				T9/P9		X11CrMo9-1	STBA26	STPA26
				T91/P91		X10CrMoVNB9-1		