

Seamless Carbon Steel Bolier Tubes for High-Pressure

Application: For seamless carbon steel bolier and superheater tubes for high-pressure service

Size(mm): O.D.:28~168 W.T.:2~30 L:max 12000

Grade and Chemical Composition (%)

Chemical Composition	C	Mn	P≤	S≤	Si≤
	0.06-0.18	0.27-0.63	0.035	0.035	0.25

SA-450/SA-450M):

OD In (mm)	+	-	WT In(mm)	+	-
<1(25.4)	0.10	0.10	≤1.1/2(38.1)	20%	0
1~1.1/2(25.4~38.1)	0.15	0.15	>1.1/2(38.1)	22%	0
>1.1/2~<2(38.1~50.8)	0.20	0.20			
2~<2.1/2(50.8~63.5)	0.25	0.25			
2.1/2~<3(63.5~76.2)	0.30	0.30			
3~4(76.2~101.6)	0.38	0.38			
>4~7.1/2(101.6~190.5)	0.38	0.64			
>7.1/2~9(190.5~228.6)	0.38	1.14			

Brinell Hardness Number (WT≥)0.200In(5.1mm)	Rockwell Hardness Number (WT)0.200In(5.1mm)
137HRB	77HRB