

## Steel plate for for Boiler Pressure Vessel ASTM A 285gr.A,B,C steel

A 285gr.A,B,C steel plate, ASTM A 285gr.A,B,C steel plates is a kind of material for boiler and pressure vessel steel. ASTM A 285gr.A,B,C steel plates is characterized by a minimum yield strength of 170-230MPa and by good weldability, so 151gr.360,400,430 steel is mainly used to for manufacturing boilers, pressure vessels and pipes transporting hot liquids. the following are ASTM A 285gr.A,B,C steel plate's Chemical composition and mechanical properties

If you are looking for Chinese A 285gr.A,B, C steel supplier, if you want to know A 285gr.A,B,C steel price, please be free to contact us.

A 285gr.A,B,C steel Chemical analysis -% by mass\*

Grades	C max	Si max	Mn. max	P max	S max	N max	AL min	Cr max	Cu max	Mo max	Ni max	Nb max	Ti max	V max
A 285gr.A,B, C	0.16	0.35	0.60-1.20	0.025	0.015	0.012	0.02	0.3	0.03	0.08	0.3	0.02	0.03	0.02

A 285gr.A,B,C steel Mechanical properties

Grade	TSt E 255ckness (mm)	Yield Strength MPa(min)	Tensile Strength MPa	Elongation % (min)	Impact Energy (KV J) (min)		
					-20℃	0℃	20℃
A 285gr.A,B, C	≤ 16	235	360 to 480	24	27	34	40
	16 < t ≤ 40	225	360 to 480	24	27	34	40
	40 < t ≤ 60	215	360 to 480	24	27	34	40
	6 < t ≤ 100	200	360 to 480	24	27	34	40
	100 < t ≤ 150	185	350 to 480	24	27	34	40
	150 < t ≤ 250	170	350 to 480	24	27	34	40

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