



ASTM A517 GRADE B steel work/steel structure/steel machining parts

Katalor enterprises is a big stockist of steel raw material and producer of ASTM A517 GRADE B steel work/steel structure/steel machining parts, these steel work, steel structure and steel machining parts can be used on pressure vessel and boiler, and industry transportation equipment for hot and harmful liquid.

The maximum thickness of ASTM A517 GRADE B steel plate is 32mm, it is a killed steel, all specification meet with the requirement in ASTM A20/A20M.

The chemical composition of ASTM A517 GRADE B (heat analysis)

Grade	C	Mn	P max	S max	Si	Cr	Mo	B	V	Ti
Grade B	0.15–0.21	0.70–1.00	0.025	0.025	0.15–0.35	0.40–0.65	0.15–0.25	0.0005–0.005	0.03–0.08	0.01–0.04

The mechanical property of ASTM A517 GRADE B

Grade	Tensile strength				Yield strength min				Elongation min	
	≤2.5in.		>2.5in.-6in.		≤2.5in.		>2.5in.-6in.		2in.	
	ksi	Mpa	ksi	Mpa	ksi	Mpa	ksi	Mpa	≤2.5in.	>2.5in.-6in.
GRADE B	115-135	795-930	105-135	725-930	100	690	90	620	16	14



Shanghai Katalor Enterprises

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Katalor ASTM A517 GRADE B steel plate will be delivered in condition of quenching and tempering. If customer do not ask for the heat treatment, the steel plate will be delivered in stress relieved condition.

Our inspection equipment include x-ray crack detection room, x ray generator, type 435 industrial washing machine.

Processing items: welding, drilling, edge milling, cutting, bending, heat treatment, shot blasting.

Our product: Air storage tank, reaction still, flange, waste gas cleaning tower, separator, chemical tower, heat exchanger, storage tank, or as customer's design.

We have all certificate of high, medium and low pressure vessel which published by PRC, you can totally trust our product quality, please send us your inquiry if you want these product.

Office Address: Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai



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Shanghai Katalor Enterprises Co., Ltd located in Shanghai of China, is specialized in manufacturing and exporting steel and casting products. Based on the domestic rich product resources and professional research on the international market, Katalor's service has already spread to many countries in Europe, America, Southeast Asia, Middle East, South America, Africa, and so on.

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