



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

ASTM A517 GRADE E is a kind of high strength alloy steel plate, the main use of ASTM A517 Grade E steel plate is to build pressure vessel and industry pipe, and steel work, steel structure, steel machining parts which can be used in these pressure vessel, connection, and pipe.

Katalor enterprises own more than 800 tons ASTM A517 Gr.E steel plate in stock, in different thickness, we can produce different kinds of steel work/steel structure/steel machining parts for customer.

The maximum thickness of our ASTM A517 GRADE E steel plate is 150mm, it is a killed steel, all specification meet with the requirement in ASTM A20/A20M.

The chemical composition of ASTM A517 GRADE E steel plate (heat analysis)

Grade	C	Mn	P max	S max	Si	Cr	Mo	B	Ti
Grade E	0.12–0.20	0.40–0.70	0.025	0.025	0.10–0.40	1.40–2.00	0.40–0.60	0.001–0.005	0.01–0.10

The mechanical property of ASTM A517 GRADE E steel plate

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.

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GRADE	115-		105-							
E	135	795-930	135	725-930	100	690	90	620	16	14

Katalor ASTM A517 GRADE E 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.

We have different equipment to help us finish the processing work, such as electric welder, bending machine, flame cutting machine, beveling machine, we are the professional processor.

We can do annealing, quenching, tempering, hardening and tempering for ASTM A517 GRADE E steel work/steel structure/steel machining parts, the product size and shape will be as customers design.

Welcome to send us your inquiry, hope to cooperate with you.

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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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