



ASTM A516 GRADE 65 steel work/steel structure/steel machining parts

Katalor Enterprises use A516 GRADE 65 steel plate to process different kind of steel work/steel structure/steel machining parts. In our Shanghai warehouse, there are A516 GR65 steel plate in different thickness from 6mm to 40mm, with these steel plate, we can produce oil/gas tank, chemical reaction container for customer.

The chemical composition of ASTM A516 GRADE 65

Grade	C % max					Mn % max				P % max	S % max	Si %	
	≤1/2in.	> 1/2-2in.	> 2-4in.	> 4-8in.	> 8in.	≤1/2in.		> 1/2in.				Heat analysis	Product analysis
						Heat analysis	Product analysis	Heat analysis	Product analysis				
A516 GRADE 65(450)	0.24	0.26	0.28	0.29	0.29	0.85-1.20	0.79-1.30	0.85-1.20	0.79-1.30	0.025	0.025	0.15-0.40	0.13-0.45

The mechanical property of ASTM A516 GRADE 65

Grade	Tensile strength	Yield strength min	Elongation % min
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	ksi	Mpa	ksi	Mpa	In 8 in.	In 2 in.
A516 GRADE 65(450)	65-85	450-585	35	240	19	23

ASTM A516 GRADE 65 is killed steel, when thickness is 40mm or less, the steel plate will deliver in as rolled condition. If customer ask for normalizing, stress relief, or both normalizing and stress relief, it is acceptable. When the thickness of steel plate large than 40mm, normalizing is necessary.

We have all kinds of processing machining to produce the ASTM A516 GRADE 65 steel work/steel structure/steel machining parts, such as automatic arc-submerging welder, Dc manual arc welding machine, radial drill, Argon arc welding machine, edge milling machine, digital display borer, CNC double-column vertical turning & boring mill, CNC floor-type sharp boring machine, CNC gantry milling, cross submerged arc welding machine, and so on, with these processing machine, we can do welding, drilling, cutting for the steel plate, and producer all kinds of pressure vessel and tank for you.

We have x-ray crack detection room to do x-ray inspection for the steel structure, which can promise the product quality for customer.

Katalor Enterprises do all kind of steel processing in our fabrication plant, if you have demands, please send us your drawing, we will give best offer to you.



Shanghai Katalor Enterprises
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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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