



### ASME SA516 Grade 70 Steel

Katalor Enterprises has 500 tons ASME SA516 Grade 70 steel plates in stock. SA516 Grade 70 plates boiler steel (pressure vessel steel) can be made into steel work/steel structure/steel machining parts, such as air storage tank, reaction still, flange, waste gas cleaning tower, separator, chemical tower, heat exchanger, storage tanks.

Chemical composition of [SA516 Grade 70](#) steel

C % max					Mn %	P % max	S % max	Si %
1/2in.	> 1/2-2in.	> 2-4in.	> 4-8in.	> 8in.				
0.27	0.28	0.30	0.31	0.31	0.85-1.20	0.025	0.025	0.15-0.40

Mechanical properties of SA516 Grade 70 steel

Grade	Tensile strength		Yield strength min		Elongation % min	
	ksi	Mpa	ksi	Mpa	In 8 in.	In 2 in.
SA516 70(485)	70-90	485-620	38	260	17	21

ASME SA516 Grade 70 pressure vessel plate 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.

There are various machining service like welding, cutting, milling, drilling for SA516 Grade 70 different shapes and steel sizes. We have kinds of processing machine to fulfill customers different needs, such as CNC floor-type sharp boring machine, CNC gantry milling, cross submerged arc welding machine, On roller universal three roller plate bending machine, Grinding ring machine, flame cutting machine, 5000 tons pressing machine, 1000 tons of four-column hydraulic machine, 5 m x 10 m large heat treatment furnace, and so on. We can produce oil gas storage, reaction container, and do x-ray inspection and heat treatment for them.

Katalor Enterprises have big fabrication plant in Shanghai. We can produce as customer drawing, please send us your inquiry if you have demands.



Shanghai Katalor Enterprises

ONCE BELIEVE, TRUST FOREVER!

Email: info@katalor.com

Tel: 0086-21-61182423



**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.

## **Contact US:**

**Phone:** 0086-18317160019

**TEL:** 0086-21-61182423

**Fax:** 0086-21-61182425

**E-mail:** info@katalor.com

**Skype:** shanghai.katalor

**Address :** Room 301, Unit 6, Lane 2500, Xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai