



## ASTM A517 GRADE F steel work/steel structure/steel machining parts

ASTM A517 GRADE F steel plate is the raw material to processing the steel work, steel structure and steel machining parts. The maximum thickness of our ASTM A517 GRADE F steel plate is 65mm, it is a killed steel, all specification meet with the requirement in ASTM A20/A20M.

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

Grade	C	Mn	P max	S max	Si	Ni	Cr
Grade F	0.10-0.20	0.60-1.00	0.025	0.025	0.15-0.35	0.70-1.00	0.40-0.65

Grade	Mo	B	V	Ti	Cu
Grade F	0.40-0.60	0.0005-0.006	0.03-0.08	0.10 max	0.15-0.50

The mechanical property of ASTM A517 GRADE F 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.

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



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

Katalor ASTM A517 GRADE F 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 processing equipment include automatic arc-submerging welder, Dc manual arc welding machine, radial drill, CNC double-column vertical turning & boring mill, CNC floor-type sharp boring machine, 5 m x 10 m large heat treatment furnace, 3 m x 4 m big shot blasting machine, H-beam assembling machine, H-beam welding production line, Box column (beam) welding production line.

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, etc.

We can supply ASTM A517 GRADE F steelwork, steel structure, steel machining parts, please contact us 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

---

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