



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

ASTM A517 GRADE A is high strength quenched and tempered alloy steel plate intended for use in fusion and other pressure vessels.

Katalor enterprises processing ASTM A517 steel plate to different kinds of steel work/steel structure/steel machining parts, the product can exactly follow customer's design.

The maximum thickness of ASTM A517 GRADE A 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 A steel plate (heat analysis)

| Grade | C | Mn | P max | S max | Si | Cr | Mo | B | Zr |
|---------|---------------|---------------|-----------|-----------|---------------|---------------|---------------|---------------|---------------|
| Grade A | 0.15– 0.21 | 0.80– 1.10 | 0.0 25 | 0.0 25 | 0.40– 0.80 | 0.50– 0.80 | 0.18– 0.28 | 0.0025 max | 0.05– 0.15 |

The mechanical property of ASTM A517 GRADE A 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. |
| | | | | | | | | | | |



Shanghai Katalor Enterprises

ONCE BELIEVE, TRUST FOREVER!

Email: info@katalor.com

Tel: 0086-21-61182423

| | | | | | | | | | | |
|-------|------|---------|------|---------|-----|-----|----|-----|----|----|
| Grade | 115- | | 105- | | | | | | | |
| A | 135 | 795-930 | 135 | 725-930 | 100 | 690 | 90 | 620 | 16 | 14 |

Katalor ASTM A517 GRADE A 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.

Katalor enterprises has professional equipment to finish the processing work. For example, for weld work, we have automatic arc-submerging welder, Dc manual arc welding machine, cross submerged arc welding machine, all of these machine can help us weld fast and better. We also can do bending, drilling, and all of the processing work.

We have a 5 m x 10 m large heat treatment furnace, annealing, quenching, tempering, hardening and tempering work can be finish in it.

We can supply ASTM A517 GRADE A steelwork, steel structure, steel machining parts, Oil and gas storage, chemical reaction container, store water and gas, and so on. With the good product quality and fast delivery, you will be satisfied to us.

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



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