



## EN10149-2 S500MC steel work / steel structure / steel machining parts

S500MC steel under EN standard, we can regard S500MC steel plate as high yield strength steels for cold-forming.

S500MC steel work / steel structure / steel machining parts is made by S500MC steel products. We keep more than 1000 tons S500mc steel plates stock. Based on the S500mc steel stock, we can produce the S500MC steel work/steel structure/steel machining parts based on the customer's drawings and specifications..

### S500MC steel structure Chemical Composition

| Grade  | C    | Si   | Mn   | P     | S     | Al (min) | Nb   | V    | Ti   | Mo | B |
|--------|------|------|------|-------|-------|----------|------|------|------|----|---|
| S500MC | 0.12 | 0.50 | 1.70 | 0.025 | 0.015 | 0.015    | 0.09 | 0.20 | 0.15 | -  | - |

Values % by mass – max unless otherwise stated)

### S500MC steel machining parts Mechanical Properties

| Grade  | Yield Strength | Tensile Strength | Elongation A |       |
|--------|----------------|------------------|--------------|-------|
|        |                |                  | < 3mm        | ≥ 3mm |
| S500MC | ≥ 500Mpa       | 550-700MPa       | ≥ 12%        | ≥ 14% |

(Please note: the technical information above is for guidance only – for exact specifications please check with Katalor Sales Team)

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



#### S500MC steel fabrication

S500MC steel can be fabricated to a variety of shapes including structural beams, steel frames and other kinds steel sections.

#### S500MC steel work Manufacturing equipment

Plasma Cutting Machine, Flame Cutting Machine, automatic / semi automatic submerged arc welding machine, horizontal automatic welding machine, CNC Cutting Machine, steel structure shot blasting machine, CNC drilling machine etc.

#### S500MC steel structure test equipment

Ultrasonic detector, magnetic particle detector, ray detector, digital covering thickness tester, universal testing machine etc.

#### S500MC steel machining parts Production technology

Drilling, cutting, bending, welding, groove, correction, edge processing, spraying assembly etc.

#### S500MC steel structure Heat treatment technology

Annealing, quenching, tempering, quenching and tempering



Shanghai Katalor Enterprises

ONCE BELIEVE, TRUST FOREVER!

Email: info@katalor.com

Tel: 0086-21-61182423

---

If you need S500MC steel work, if you want to find a reliable S500MC steel structure manufacturer, if you need the S500MC steel work price, please contact with katalor!

---

**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 product. Based on the domestic rich product resources and professional research on international market, Katalor's service has already spread 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