



EN10149-2 S460MC steel work / steel structure / steel machining parts

S460MC steel in EN 10149-2 standard, the material number is 1.0982. S460MC steel is the main material for manufacturing S460MC steel work / steel structure / steel machining parts.

For more information about S460MC steel work, please see the following details:

S460MC steel structure Chemical composition

Grade	The Element Max (%)				
	C	Si	Mn	P	S
S460MC steel structure	≤0.12	≤0.50	≤1.60	≤0.025	≤0.015
	Alt	Nb	V	Ti	
	≥0.015	≤0.09	≤0.20	0.15	

Carbon Equivalent: $C_{eq} = \left[C + \frac{Mn}{6} + \frac{(Cr + Mo + V)}{5} + \frac{(Ni + Cu)}{15} \right] \%$

S460MC steel machining parts Mechanical properties

Grade	Tensile(Mpa)	Yield (Min Mpa)	Elonggation (min%)	Thickness (mm)
S460MC steel	520-670	≥460	≥14	<3.0

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



machining parts			≥ 17	≥ 3.0
-----------------	--	--	-----------	------------

a: Tensile test specified values apply to longitudinal samples. Tensile test should use sample of L0=50mm, b=25mm, i.e. P14 sample of GB/T 228.

S460MC steel plate Specifications

Thickness: 5-300mm Width: 1500-4200mm Length: 4000-18000mm

We keep more than 1000 tons S460MC steel plates in stock, based on the stock, we can produce many specifications of DD11 steel structure according to the customer's requirement.

S460MC steel work of processing

S460MC steel can be processed as suspension systems, reinforcements, cross members, longitudinal, beams, chassis components, etc.

S460MC steel work delivery condition:

Hot forging, hot rolling, annealing, normalizing, tempering, quenching + tempering, any other conditions based on the customer's requirement

As a S460MC steel structure manufacturer, we have much experience in S460MC steel structure Manufacturing. And also we have many machining and testing equipments, such as Plasma Cutting Machine, CNC Cutting Machine, steel structure shot blasting machine, CNC drilling machine, Ultrasonic detector, ray detector etc.

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

S460MC steel machining parts processing service:

Transverse cutting, longitudinal cutting, trimming, volume classification, coated film, profile of cutting, bending, punching, welding, removing rust, and product packing, shipping services and On-site assistance.

Katalor is a professional S460MC steel structure supplier in China, if you need S460MC steel work or you need S460MC steel machining parts, you can contact katalor or send email to info@katalor.com .

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