



EN10149-2 S420mc steel work / steel structure / steel machining parts

S420MC steel is a kind of Automotive structural steel. S420mc steel work / steel structure / steel machining parts is produced by S420MC steel, so S420mc steel work is widely used in many industries, such as automobile industry, construction machine industry.

S420MC steel structure chemical composition %

Grade	Chemical Composition a (Heat Analysis) (%)						
	C	Si	Mn	P	S	Alt	Others
S420MC	≤0.12	≤0.50	≤1.50	≤0.030	≤0.025	≥0.015	Nb≤0.09 V≤0.20 Ti≤0.15

S420MC steel machining parts Mechanical properties

Grade	Tensile Test(a)				180° Bending Test b Diameter
	ReH (MPa)	Rm (MPa)	Elongation (%)		
			L0=80mm, b=20mm	L0=5.65√S0	
			Nominal Thickness(mm)		
			<3.0	≥3.0	0.5a
S420MC	≥420	480~620	≥16	≥21	1a



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.

S420MC steel plate Available size:

Thickness: 2mm--16mm

Width: 900mm--1850mm

Length: 2000mm to 12000mm

Katalor Enterprises keeps more than 1000 tons S420MC steel in stock each month. So we can produce many specifications of DD11 steel structure based on the customer's requirement. Based on the stock source, our service for S420MC steel work includes: cutting, drilling, welding, milling, machining.

S420MC steel structure Manufacturing equipments: Plasma Cutting Machine, Flame Cutting Machine, CNC Cutting Machine, steel structure shot blasting machine, CNC drilling machine etc.

As a S420MC steel structure exporter, we can supply the S420MC machining parts based on the customer's drawings and specifications.

S420MC steel work heat treatment service: hot forging, hot rolling, annealing, normalizing, tempering, quenching and tempering or other conditions based on your requirements.

If you need S420MC steel machining parts, or if you want to find a S420MC steel work supplier, please contact us!



Shanghai Katalor Enterprises

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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.

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