



## EN10149-2 S650MC steel work / steel structure / steel machining parts

EN10149-2 S650MC steel work / steel structure / steel machining parts is made of S650MC steel raw material. S650MC steel works as high yield strength steel is mainly fabricated by cold-forming.

S650MC steel work is a kind of steel welding structures, widely used in producing the car structure, machining parts of marine, oil drill platform, pipe connectors and so on.

### S650MC steel structure Chemical analysis -% by mass\*

C	Si	Mn	P	S 1)	Altotal	Mo	Ti	B
max.	max.	max.	max.	max.	min.	max.	max.	max.
0,12	0,60	2,00	0,025	0,015	0,015	0,50	0,22	0,005

### S650MC steel machining parts Mechanical properties

Mechanical properties	Yield Strength ReH [N/mm <sup>2</sup> ]	Tensile Strength Rm [N/mm <sup>2</sup> ] transv.	Min. totalelongation [%]		Smallest recommended bending radius angles ≤ 90°		
			L0 = 80 mm	L0 = 5,65 √S0	e1) ≤ 3	3 < e1) < e1) > 6	e1) > 6
S650MC	650	700- 880	e2) < 3	e2) ≥ 3	1,5 e	2,0e	2,5e

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Katalor as a S650MC steel work Manufacturer, we have Plasma Cutting Machine, Flame Cutting Machine, automatic / semi automatic submerged arc welding machine, horizontal automatic welding machine. We can supply many kinds of steel machining service, such as Cutting, drilling, bending and welding.

We can also provide S650MC steel structure Heat treatment service, such as hot forging, hot rolling, annealing, tempering, quenching + tempering etc.

And we usually keep more than 1000 ton S650MC steel material in stock, based on this, we can produce many kinds of S650MC steel structure according to the customer's requirement.

If you need S650MC steel structure or you want to find a S650MC steel machining parts exporter, 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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