



## EN10028-2 10CrMo9-10 steel structure / steel work / steel machining parts

Katalor Enterprises is a big complex combined steel stockist whose business related with trade, processing, storage and transportation etc. Katalor Enterprises occupies a total area of more than 20,000 square meters workshop. Katalor are specialized in producing and exporting 10CrMo9-10 steel structure etc.

10CrMo9-10 steel structure is alloy structural steel. 10CrMo9-10 steel structure contains 2~2.5 Cr, 10CrMo9-10 can be used in high temperature resistance, low temperature resistance, and corrosion resistance, that is the reason why 10CrMo9-10 steel machining parts are used more extensive in pressure vessel and boiler industry.

### 10CrMo9-10 Steel Structure Chemical Composition

Steel grade		Chemical composition %								
Steel name	Steel number	C	Si	Mn	P ≤	S ≤	N	Cr	Cu	Mo
10CrMo9-10	1.7380	0.08	≤0.50	0.40	0.020	0.010	≤0.012	2.00	≤0.30	0.90
		- 0.14		- 0.80				- 2.50		- 1.10

### 10CrMo9-10 Steel Work Mechanical Properties (for transverse specimens)



Steel grade		General delivery conditions	steel thickness	Room temperature tensile			impact energy KV , J				
Steel name	Steel number			yield strength ReH	Tensile strength	Elongation A	Min The following temperature (°C)				
			mm	MPa min	MPa	% min	- 20	0	+ 20		
10CrMo9-10	1.7380	+NT	≤16	310	480 ~ 630	18		0	31		
			16 < t ≤ 40	300							
			40 < t ≤ 60	290							
		+NT or +QT	60 < t ≤ 100	280	470 ~ 620	17		0		27	
			+QT	100 < t ≤ 150	260						460 ~ 610
				150 < t ≤ 250	250						450 ~ 600



Shanghai Katalor Enterprises

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10CrMo9-10 Steel Work Delivery Time: usually 25 to 30 days (Stock is also available)

10CrMo9-10 Steel Machining Parts Trading Terms: FOB, CFR, CIF and other price term.

Shanghai Katalor Enterprises Co., Ltd is a company specialized in producing and exporting 10CrMo9-10 steel structure. We have our own 10CrMo9-10 steel work factory and if you need the 10CrMo9-10 steel machining parts, we can manufacture for you according to your drawings. If you need the competitive 10CrMo9-10 steel machining parts price, please don't hesitate to contact with our sales team.

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



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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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