



## EN10028-2 13CrMoV9-10 steel structure / steel work / steel machining parts

13CrMoV9-10 steel machining parts owned a higher tensile strength within 580-780Mpa. 13CrMoV9-10 steel structures are mainly used for manufacturing boilers, pressure vessels. Katalor Enterprises are mainly engaged in steel structure, such as cutting, drilling, milling, turning, bending, welding etc. We have the ability to produce many kinds of steel machining parts. We can also offer the heat treatment

Steel Grade		Chemical Composition %														
Steel name	Steel number	C	Si	Mn	P ≤	S ≤	Al total	N	Cr	Cu	Mo	Nb	Ni	Ti ≤	V	other
13CrMoV9-10	1.7703	0.11-0.15	≤0.10	0.30-0.60	0.015	0.005		≤0.012	2.00-2.50	≤0.20	0.90-1.10	≤0.07	≤0.20	0.03-0.05	0.20-0.35	≤0.0025 B ≤0.015 Ca

service, such as annealing, normalizing, hardening, tempering, hardening and tempering, solution treatment etc.



13CrMoV9-10 Steel Structure Chemical Composition

13CrMoV9-10 Steel Work Mechanical Properties (for transverse specimens)

Steel Grade		General delivery conditions	steel thickness mm	Room temperature tensile			impact energy KV , J		
				yield strength ReH MPa min	Tensile strength MPa	Elongation A %	Min The following temperature (°C)		
Steel name	Steel number						- 20	0	+ 20
13CrMoV9-10	1.7703	+ NT	≤ 60	455	600 ~ 780	18	27	34	40
			60 < t ≤ 150	435	590 ~ 770				
		+ QT	150 < t ≤ 250	415	580 ~ 760				

13CrMoV9-10 steel structure Full Data Technical Requirements & Additional Services:

High tension test, Low temperature impacting test, Simulated post-welded heat treatment (PWHT).

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



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13CrMoV9-10 steel machining parts Range (T\*W\*L): according to customer's drawings.

13CrMoV9-10 steel work Testing equipment: Universal testing machine, Torque Tester, Axial force tester, torque tester, Coating thickness gauge etc.

As the professional Chinese 13CrMoV9-10 steel machining parts supplier, we will supply our customers the best quality with the competitive price, the best service and rapid delivery time. If you want to purchase the 13CrMoV9-10 steel structure, we will support you to pay a visit to our company and do inspection. If you have any need of 13CrMoV9-10 steel, please be free to contact me. We are sincerely looking forward to cooperate with you.

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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.

## **Contact US:**

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