



## EN10028-2 12CrMo9-10 steel structure / steel work / steel machining parts

In the standard EN10028-2 12CrMo9-10 steel work is alloy steels with specified elevated temperature properties. 12CrMo9-10 steel work delivery condition is normalized and tempered or quenched & tempered. Katalor steel is a professional steel product exporter located in Shanghai China. We are a large-scale steel stockist and deep-processing enterprise; we keep science and technology as the impetus to developing our company. Our annual production capability is 3,000,000 tons. For

Steel grade		Chemical composition %														
Steel name	Steel number	C	Si	Mn	P ≤	S ≤	Al total	N	Cr	Cu	Mo	Nb	Ni	Ti ≤	V	Other
12CrMo9-10	1.7375	0.10-0.15	≤0.30	0.30-0.80	0.015	0.010	0.010-0.040	≤0.012	2.00-2.50	≤0.25	0.90-1.10	-	≤0.30	-	-	-

more information, please check them in the followings:

12CrMo9-10 Steel Structure Chemical Composition:

12CrMo9-10 Steel Work Mechanical Properties (for transverse specimens)

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Steel grade		General delivery conditions	steel thickness mm	Room temperature tensile			impact energy KV , J		
Steel name	Steel number			yield strength ReH MPa min	Tensile strength MPa	Elongation A %	Min The following temperature (°C)		
12CrMo9-10	1.7375	+ NT or +QT	≤250	355	540 ~ 690	18	- 20 27	0 40	+ 20 70

12CrMo9-10 Steel Work Heat Treatments:

1. A-Annealed
2. N-Normalized
3. QT-Quenched and Tempered
4. SR-Stress Relieved or Finish Anneal

12CrMo9-10 steel structure machining Range (T\*W\*L): according to customer's drawings.

As a 12CrMo9-10 steel work manufacturer, Katalor usually keep hundreds tons 12CrMo9-10 steel product stock each month. Based on these stock sources, our

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advantage has spread into steel process like: cutting (many sizes and many shapes) drilling, welding, milling. We can also provide the 12CrMo9-10 steel machining parts according to your requirements.

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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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