

EN10028-2 13CrMoSi5-5 steel structure / steel work / steel machining parts

Katalor Enterprises Steel is a professional steel structure exporter located in Shanghai China. As a steel structure supplier, we keep more than 30000 tons various steel product in our warehouse. And every month, we present more than 5000 tons steel as promotional product. Katalor can supply 13CrMoSi5-5 steel structure for weldable pressure vessels and boilers.

13CrMoSi5-5 steel work is one of grade in En10028-2, which is an alloy steel with specified elevated temperature properties. 13CrMoSi5-5 steel work is alloy special steels. Katalor steel could supply 13CrMoSi5-5 steel structure for weldable pressure vessels and boilers. For more information, please check them in following:

13CrMoSi5-5 Steel Structure Chemical Composition

Steel Grade		Chemical Composition %									
Steel name	Steel number	C	Si	Mn	P ≤	S ≤	N	Cr	Cu	Mo	Ni
13CrMoSi5-5	1.7336	≤0.17	0.50-0.80	0.40-0.65	0.015	0.005	≤0.012	1.00-1.50	≤0.30	0.45-0.65	≤0.30

13CrMoSi5-5 Steel Work Mechanical Properties (for transverse specimens)\

Steel grade		General delivery conditions	Steel Thickness t 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		mm	MPa min	MPa	% min	- 20	0	+ 20
13CrMoSi5-5	1.7336	+NT	< 60	310	510 ~ 690	20	f	27	34
			60 < t ≤ 100	300	480 ~ 660				
		+QT	< 60	400	510 ~ 690		27	34	40
			60 <	390	500~				

					680				
			100 < t ≤ 250	380	490 ~ 670				

13CrMoSi5-5 Steel Machining Parts Delivery Condition: normalized and tempered or quenched and tempered.

13CrMoSi5-5 Steel Work Processing Equipment: End Milling Machine, L Hanging, Ultrasonic flaw detector, Air Compressor, AC and DC welding machine etc.

Katalor is the professional Chinese supplier of 13CrMoSi5-5 steel structures. If you need 13CrMoSi5-5 steel works, please be free to contact us. Or if you have the drawings, please send us your drawing; we will produce according to your requirements.

Steel Grade		Chemical Composition %														
Steel name	Steel number	C	Si	Mn	P ≤	S ≤	Al total	N	Cr	Cu	Mo	Nb	Ni	Ti ≤	V	Other

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13CrMoSi5-5 Steel Work Mechanical Properties (for transverse specimens)\

			Room Temperature tensile	
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Steel name	Steel number	Gene Steel				Impact energy KV, J					
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					Yield	Tensile	Elonga				

Steel grade Gene Steel Impact energy KV, J
 ral Thickness Min

		delivery conditions	t	strength ReH	strength	elongation A	The following temperature (°C)		
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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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