



DIN 17155 13CrMo44 steel work / steel structure / 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 and 500,000 tons steel stocks. We are specialized in producing and exporting 13CrMo44 steel structure etc.

13CrMo44 steel structure is mainly used for pressure vessel and boiler industry. Katalor Enterprises is 13CrMo44 steel work supplier, we have many experience in manufacture the 13CrMo44 steel structure, we could give the fastest delivery time on the base of our competitive price directly from our mill. We can also supply steel process like: cutting (many sizes and many shapes) drilling, welding, milling, and welding.

13CrMo44 Steel Work Chemical Composition

Steel Grade		13CrMo44 steel work Chemical Composition												
Steel name	Steel number	C	Si	Mn	P max	S max	A l	Cr	Cu max	Mo	Nb ma x	Ni ma x	Ti ma x	V ma x
13CrMo44	1.7335	0.08	0.10	0.40	0.035	0.030		0.70	0.30	0.40				
		to	to	to				to		to				
		0.18	0.35	1.00				1.10		0.60				



13CrMo44 Steel Structure Mechanical Properties

steel grade		Upper yield point R _{eH}					tensile strength R _m For product thicknesses in mm			Elongation at break (L=5d ₀₀)		Impact strength (ISO-V transverse specimens) Average of three samples			
Steel name	Steel number	≤160	>160	>400	>600	>1000	≤600	>600	>1000	≤600	>600	≤600	>600	≤600	>600
			to	to	to	to		to	to		to		to		to
			≤400	≤600	≤1000	≤1500		≤1000	≤1500		≤1500		≤1500		≤1500
		N/mm ² min					N/mm ²			%		at 0 °C		at 20 °C	
										min		J min		J min	
13CrMo44	1.7335	300	295	295	275	255	440	430	420	20	19	-	-	31	27
							To 590	To 580	To 570						

13CrMo44 Steel Machining Parts Heat Treatment:

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



Shanghai Katalor Enterprises

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Email: info@katalor.com

Tel: 0086-21-61182423

Our production completely according to the DIN17155 standards to meet the 13CrMo4-4 Heat treatment; also can according to the customer request to meet the customer's requirements of 13CrMo4-4 Heat treatment.

13CrMo44 Steel Works Supplementary Technology:

HIC Test | NACE MR0175 | Z15 | Z25 | Z35

13CrMo44 Steel Structure Machining Range (T*W*L):

According to the customer's drawings or the size what you required.

Katalor have owned the global reputation for supply the high quality 13CrMo44 steel structure, if we have the size in stock, we can deliver them at once. If not, it will take about 20 days for us to produce the 13CrMo44 steel work for you (The production time will according to the quantity your required). Please contact our sales team if you have inquiry about the 13CrMo44 steel spare parts, we will offer you the competitive price with best price at our side.

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Shanghai Katalor Enterprises Co., Ltd located in Shanghai of China, is specialized in manufacturing and exporting steel and casting products. Based on the domestic rich product resources and professional research on the international market, Katalor's service has already spread to many countries in Europe, America, Southeast Asia, Middle East, South America, Africa, and so on.

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