



EN10028-2 18MnMo4-5 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 and 500,000 tons steel stock. We are specialized in producing and exporting 18MnMo4-5 steel structure etc.

18MnMo4-5 steel structure belongs to steel specification EN 10028-2 which is for specified elevated temperature properties. Usual delivery condition for 18MnMo4-5 steel work shall be under Normalized and Tempered for thickness below and equal 60mm, above 60mm steel of 18MnMo4-5; it shall be under Quenched and Tempered heat treatment.

18MnMo4-5 Steel Structure Chemical Composition

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

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



18Mn	1.5	≤0.	≤0	0.9	0.	0.				≤0	0.4		≤0			
Mo4-5	41	20	.4	0-	0	0	-	≤0.	≤0	.3	5-	-	.3	-	-	-
	4		0	1.5	1	0		012	.30	0	0.6		0			
				0	5	5					0					

18MnMo4-5 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
18MnMo4-5	1.5414	+NT	≤60	345	510 ~	20	27	34	40
			60 < t≤150	325	650				
		+QT	150 < t≤250	310	480 ~ 620				

18MnMo4-5 steel machining parts Technical Requirements & Additional Services:

High tension test

Low temperature impacting test

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Shanghai Katalor Enterprises

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Email: info@katalor.com

Tel: 0086-21-61182423

Simulated post-welded heat treatment (PWHT)

Ultrasonic test under EN 10160, ASTM A435, A577, A578

Issued Original Mill test certificate under EN 10204 FORMAT 3.1/3.2

Shot blasting and Painting, Cutting and welding as per end user's demands

Katalor enterprises are the professional Chinese 18MnMo4-5 steel structure supplier. We keep some of 18MnMo4-5 steel stock in our warehouse. We promise the competitive price in order to enlarge our overseas market. If you want to know 18MnMo4-5 steel work price, please be free to contact us.

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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:

Phone: 0086-18317160019

TEL: 0086-21-61182423

Fax: 0086-21-61182425

E-mail: info@katalor.com

Skype: shanghai.katalor

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