



Shanghai Katalor Enterprises

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## EN10028-2 20MnMoNi4-5 steel structure / steel work / steel machining parts

Katalor is a professional steel product exporter located in Shanghai China. We are a large-scale steel stockist and deep-processing enterprises; we keep science and technology as the impetus to developing our company. Our annual production capability is 3,000,000 tons.

20MnMoNi4-5 steel machining parts is one of grade in En10028-2 and it is alloy steels with specified elevated temperature properties. Katalor Enterprise could supply 20MnMoNi 4.5 steel machining parts which used for the oil and gas industry, heat exchangers, weldable pressure vessels and boilers.

20MnMoNi4-5 Steel Structure Chemical Composition

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



20MnMoNi4-5 Steel Work Mechanical Properties (for transverse specimens)

Steel Grade	General delivery condition	Steel Thickness	Room Temperature Tensile			Impact energy KV , J Min The following temperature (°C)
			Yield strength	Tensile strength	Elongation A	

Steel Grade		Chemical Composition %														
Steel name	Steel number	C	Si	Mn	P ≤	S ≤	Al total	N	Cr	Cu	Mo	Nb	Ni	Ti ≤	V	other
20MnMoNi4-5	1.6311	0.15-0.23	≤ 0.040	1.00-1.50	0.010-0.020	0.010-0.015		≤ 0.012	≤ 0.20	≤ 0.020	0.45-0.60	-	0.00-0.080	-	≤ 0.02	-



Steel name	Steel number	Condition	mm	ReH MPa min	MPa	% min	- 20	0	+ 20
			20MnMoNi4-5	1.6311	+QT	≤40	470	590 ~ 750	18
			40 < t≤60	460	590 ~ 730				
			60 < t≤100	450	570 ~ 710				
			100 < t ≤ 150	440					
			150 < t≤250	400	560 ~ 700				

Noted: +NT mean Normalized and tempered; +QT mean Quenched and tempered

20MnMoNi4-5 Steel Work Delivery Condition: normalized and tempered or quenched and tempered.

20MnMoNi4-5 Steel Machining Parts Process: cutting, drilling, bending, beveling, and welding.

Katalor Enterprises has established a full set of strict quality control system, advanced manufacturing technics and equipment. As the 20MnMoNi4-5 steel work stockist and supplier, if you have any demand of 20MnMoNi4-5 steel machining parts price, please do not hesitate 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:**

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