



## EN10111 DD12 steel work / steel structure / steel machining parts

EN10111 DD12 steel is a kind of hot-rolled cold forming steel. DD12 steel is used to manufacture DD12 steel work / steel structure / steel machining parts. DD12 steel work has high strength, good toughness.

DD12 steel Chemical composition:

Grade	Chemical Composition (Heat Analysis) (%)					
	C	Si	Mn	P	S	Alt
DD12	≤0.10	≤0.07	≤0.45	≤0.035	≤0.035	≥0.010

DD12 steel Mechanical Properties:

Grade	Tensile Test							Performance Guarantee Period
	Yield strength(MPa)		Tensile strength	Elongation (%)				
				L0=80m , b=20mm			L0=5.65√S	
	<2.0	2.0~11.0	Rm(MPa)	<1.5	1.5~<2.0	2.0~<3.0	3.0~11.0	
DD12	170~340	170~320	≤420	≥24	≥25	≥26	≥30	6 months

DD12 steel size

DD12 steel Round bar:

Diameter : 1mm-200mm

DD12 steel Square bar:

Size: 50mm \* 50mm-600mm \* 600mm

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DD12 steel Plate steel/flat bar:

Size: Thickness: 0.1mm-15mm Width: 50mm to 2000mm

DD12 steel Tube/pipe:

Size: OD: 6-219mm WT: 1-15 mm.

We keep more than 1000 ton DD12 steel stock , including DD12 steel plate ,DD12 steel pipe , DD12 steel bar and so on . Based on these stock source ,we can produce the DD12 steel work / steel structure / steel machining parts according to your drawing.

We have Professional DD12 steel work processing equipment , such as : Plasma Cutting Machine, Flame Cutting Machine, Automatic / semi automatic submerged arc welding machine, Horizontal automatic welding machine, CNC Cutting Machine, Steel structure shot blasting machine, CNC drilling machine etc. Based on these equipment, we can offer DD12 Drilling, cutting, bending, welding, groove, correction, edge processing, spraying assembly etc service. Moreover, we have the test equipments ,such as Ultrasonic detector, Magnetic particle detector, X-Ray detector, Digital covering thickness tester, Universal testing machine etc. We will ensure the good quality for all the DD12 steel work we provided.

DD12 steel machining parts are widely used in Automotive industry, machinery industry, light industry, components furniture, building, etc. If you want to find a DD12 steel structure exporter , if you need DD12 steel structure, please contact us!



Shanghai Katalor Enterprises

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Email: info@katalor.com

Tel: 0086-21-61182423

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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

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

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