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## ASTM A572 Gr.60 Steel Work / Steel Structure / Steel machining parts

ASTM A572 Gr.60 Steel machining parts is used in a variety of structure applications including riveted or bolted construction of bridges, buildings, construction equipment, freight cars, machinery and transmission towers or welded construction in other applications.

## ASTM A572 Gr.60 Steel Work Chemical Requirements:

Grade		C%	Mn%	P%	S%	Si%
		max	max	max	max	max
ASTM	CD 60	0.36	1.25	0.04	0.05	0.40
A572	GR 60	0.26	1.35	0.04	0.05	0.40

## ASTM A572 Gr.60 Steel Structure Mechanical Properties:

Grade		Yield Point,	Tensile strength	Elegation	
		min	Elogation min		
		MPa MPa		In 2 in (50mm)	
ASTM	GR 60	415	520	18	
A572	GK 60	415	520		

ASTM A572 Gr.60 Steel Work Heat Treatment

ASTM A572 Gr.60 is used in the "as-supplied" condition. However A572 Gr.60 is possible to obtain higher level of strength by specifying Quenched and Tempered

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steel plate as per reference specification ASTM A514 which calls for heating at not less than  $1650^{\circ}\mathrm{F}$  and quenching in water or oil followed by tempering. Also about other heat treatment we can make for A572 Gr.60, such as Tempering, Annealing, Quenching and so on.

ASTM A572 Gr.60 Steel machining parts shall be semi-killed or killed. The use of columbium, vanadium, titanium, or combinations thereof shall meet the requirements of the standard specifications. If you need ASTM A572 Gr.60 Steel Work further assurances, Katalor can also supply ASTM A572 Gr.60 cutting, bending, drilling, welding and other basic processing service. Just send us mail to know more about us!



**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 ervice has already spread many countries in Europe, America, Southeast Asia, Middle East, South America, Africa, and so on.

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