

ASTM A572Gr60 steel plate/sheet for Fine-grain structural steels, thermomechanically rolled steels

ASTM A572Gr60 steel plate/sheet,ASTM A572Gr60 steel plate/sheet, under ASTM standard, we can regard A572Gr60 steel plate/sheet for Fine-grain structural steels, thermomechanically rolled steel.

ASME SA572Gr60 is a Fine-grain structural steels, thermomechanically rolled steel which is used to manufacture the plants of factory ,the common constructure and construction machinery and equipment.

A 572 Gr.60 ASTM Number:1.8825	Comparison of steel grades	
	SEW 083	TStE 420 TM
	NFA 36-201	E 420 R
	UNI 7382	-
	BS 4360	-
	EN 10113-3	S420M

Chemical Composition of A572Gr60 steel

Grade	C	Si	Mn	P	S	N	AL	Nb	V	Ti	Cr	Ni	Mo	Cu	CE
	max	max	max	max	max	max	max	max	max	max	max	max	max	max	V max
A572 Gr.60	0.16 %	0.50 %	1.70 %	0.03 %	0.02 5%	0.02 5%	0.02 %	0.05 %	0.12 %	0.05 %	0.30 %	0.80 %	0.20 %	0.55 %	0.47 %

Mechanical Properties of A572Gr60 steel

Temperature	-10	0	20
Notch impact test. Min. absorbed energy	43	47	55

Nominal thickness(mm)	to 16	16-40	40-63	63-80	80-100	100-120
ReH-Minimum yield strength(Mpa)	420	400	390	380	370	365

Nominal thickness(mm)	to 40	40-63	63-80	80-100	100-120
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**Bebon steel — The most professional exporter on shipbuilding steel**

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Rm-Tensile strength(Mpa)	520-680	500-660	480-640	470-630	460-620
Nominal thickness(mm)	-				
A-Minimum elongation Lo=5,65√So(%)	19				

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