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**Henan BEBON international co.,ltd****EN10113 S275M steel plate/sheet for Fine-grain structural steels, thermomechanically rolled steels**

EN10113 S275M steel plate/sheet,EN10113 S275M steel plate/sheet, under EN standard, we can regard S275M steel plate/sheet for Fine-grain structural steels, thermomechanically rolled steel.

EN10113 S275M is a technical delivery conditions for thermomechanical rolled weldable fine grain structural steels.S means the structural steel, M means the delivery condition.Capital letter L for the quality with specified minimum values of values of impact energy.The EN10113 S275M steel is equivalent to DIN StE285TM,UNI FeE275KGTM..

S275M EN 10113-3 Number:1.8818	Comparision of steel grades	
	DIN	StE 285 TM
	UNI	Fe E 275 KGTM
	BS 4360	-
	ASTM	-

Chemical Composition of EN S275M steel,by %

Grade	C max	Si max	Mn max	P max	S max	N max	AL max	Nb max	V max	Ti max	Cr max	Ni max	Mo max	Cu max	CE V max
S275 M	0.13	0.50	1.5	0.02 5	0.02	0.01 5	0.02	0.05	0.08	0.05	0.30	0.3	0.10	0.55	0.38

Mechanical Properties of EN S275M 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)	275	265	255	245	245	240

Nominal thickness(mm)	to 40	40-63	63-80	80-100	100-120
Rm-Tensile strength(Mpa)	370-530	360-520	350-510	350-510	350-510

**Bebon steel — The most professional exporter on shipbuilding steel**

Tel:0086-371-86151527

E-mail:bb@bebonchina.com

Fax: 0086-371-86011881

MSN:bebonchina@hotmail.com

Skype: bebonchina

Web:http://www.shipbuilding-steel.com

Oficina Dir: 2801 B# International enterprise center Zhengzhou city in China.



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Nominal thickness(mm)	-
A-Minimum elongation Lo=5,65√So(%)	24

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