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### DIN-SEW083 TStE275TM steel plate/sheet for Fine-grain structural steels, thermomechanically rolled steels

DIN-SEW083 TStE275TM steel plate/sheet, DIN-SEW083 TStE275TM steel plate/sheet, under DIN standard, we can regard TStE275TM steel plate/sheet for Fine-grain structural steels, thermomechanically rolled steel.

DIN-SEW083 TStE275TM is a technical delivery conditions for thermomechanical rolled weldable fine grain structural steels. It is according to DIN-SEW083 standard. S means the structural steel, M means the delivery condition. Capital letter L for the quality with specified minimum values of values of impact DINergy at temperature not lower than -50 degree.

TStE275TM DIN-SEW083 Number:1.8819	Comparision of steel grades	
	EN10113-3	S275ML
	UNI 7382	Fe E 275 KTTM
	BS 4360	-
	ASTM	-

#### Chemical Composition of DIN TStE275TM steel, by %

Grade	C	Si	Mn	P	S	N	AL	Nb	V	Ti	Cr	Ni	Mo	Cu	CE
TStE275TM	0.13	0.50	1.5	0.025	0.02	0.015	0.02	0.05	0.08	0.05	0.30	0.3	0.10	0.55	0.38

#### Mechanical Properties of DIN TStE275TM steel

Temperature	-50	-40	-30	-20	-10	0	20
Notch impact test. Min. absorbed DINergy	27	31	40	47	51	55	63

Nominal thickness(mm)	to 16	16-40	40-63	63-80	80-100	100-120
ReH-Minimun yield	275	265	255	245	245	240

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

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strDINgth(Mpa)						
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Nominal thickness(mm)	to 40	40-63	63-80	80-100	100-120
Rm-TDINsile strDINgth(Mpa)	370-530	360-520	350-510	350-510	350-510
Nominal thickness(mm)	-				
A-Minimum elongation Lo=5,65√So(%)	24				

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