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Henan BEBON international co.,ltd**DIN17102 T ST E 285 steel plate/sheet**DIN17102 T ST E 285 steel plate/sheet for boilers and Pressure Vessels [steels](#)

[DIN17102 T ST E 285 steel](#) plate/sheet, [DIN17102 T ST E 285 steel](#) plate/sheet, under EN standard, we can regard **T ST E 285 steel** plate/sheet for boilers and Pressure Vessels steels. [DIN17102 T ST E 285 steel](#) plate/sheet is for boilers and Pressure Vessels **steels**, it is a normalized steel plate and sheet which is mainly used for building pressure vessels and boilers and pipes for hot liquid.

And the followings are the chemical composition and mechanical properties of T [ST E 285](#).

If you are looking for Chinese A St 35 steel supplier, if you want to know A St 35 steel price, please be free to contact us.

The chemical composition of EN T ST E 285 steel

Element	Max %	Element	max %
C	0.16	Cu	0.30
Si	0.40	Mo	0.08
Mn	0.50-1.50	N	0.02
P	0.03	Nb	0.05
S	0.02	Ni	0.50
AL	0.020	Ti	0.03
Cr	0.30	V	0.05
Nb+Ti+V	0.05		

The mechanical properties of EN T ST E 285 steel

Grade	Material	Thickness	Yield Strength	Tensile Strength	Elongation
		(mm)	MPa (min)	MPa	% (min)
T ST E 285	1.0488	≤ 16	275		
		16 > to ≤35	275		
		35 > to ≤50	265		
		50 > to ≤70	255	370-490	23
		70 > to ≤100	235	350-470	1)
		100 > to ≤150	225	1)	1)
		>150	390-510	24	

The impact test of EN T ST E 285 steel

Type	Usual Delivery Condition	Nominal Thickness (mm)	Impact Energy KV min[J] at temperature [°C]									
			Longitudinal					Longitudinal				
			-50	-40	-20	0	+20	-50	-40	-20	0	+20
T ST E 285	N	5-150	27	34	47	55	63	16	20	27	34	40

Bebon steel — The most professional exporter on shipbuilding steel

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