

**BEBON**

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Henan BEBON international co.,ltd**DIN 17100 ST 70-2 steel plate/sheet for general Construction steels**

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DIN 17100 ST 70-2 steel plate/sheet, DIN 17100 ST 70-2 steel plate/sheet, under EN standard, we can regard ST 70-2 steel plate/sheet for general Construction steels. DIN 17100 ST 70-2 steel plate/sheet is for general Construction steels. The followings are the chemical composition and the mechanical properties of EN ST 70-2 steel. ST 70-2 steel is according to DIN 17100 standard and it is equivalent to EN: Fe690-2, DIN17100:St70-2, NFA: A70-2 and DIN 17100:E360 steel grades.

ST 70-2	DIN 17100	Comparison of steel grades	
		DIN 17100:1990	ST 70-2
		DIN17100	ST70-2
		NFA 35-501	A70-2
		BS1449	-
		UNI7070	FE 690

Chemical analysis -% by mass of ST 70-2 steel

Chemical elements	C _≤ 16mm max	C>16mm max	Si max	Mn max	P max.	S max.	N max
ST 70-2	-	-	-	-	0.045	0.045	0.012

Mechanical properties of ST 70-2 steel

thickness	Yield Strength ReH transv.min.	Strength [N/mm ²]	Tensile Strength Rm transv.	Fracture Elongation [%]transv. min.	Notch Impact Energy ¹)Ch Vcomplete samplelongitud. min [J]
t ≤ 16mm t >16mm	360	355			
t < 3mm t ≥ 3mm			690-900	670-830	
Up to 1.5mm 1.51-2.00m m 2.01-2.50m m				4 5 6 7 10	

Bebon steel — The most professional exporter on shipbuilding steel

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2.51-2.99m				
m ≥ 3mm				

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