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Henan BEBON international co.,ltd**DIN 17100 ST 60-2 steel plate/sheet for general Construction steels**

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DIN 17100 ST 60-2 steel plate/sheet, DIN 17100 ST 60-2 steel plate/sheet, under EN standard, we can regard ST 60-2 steel plate/sheet for general Construction steels. DIN 17100 ST 60-2 steel plate/sheet is for general Construction steels. The followings are the chemical composition and the mechanical properties of EN ST 60-2 steel. ST 60-2 steel is according to DIN 17100 standard and it is equivalent to DIN17100:St60-2, NFA:A60-2 and UNI7070:Fe590 steel grades.

ST 60-2 DIN 17100	Comparison of steel grades	
	DIN 17100:1990	FE 590-2
	DIN17100	ST60-2
	NFA 35-501	A60-2
	BS1449	-
	UNI7070	FE 590

Chemical analysis -% by mass of ST 60-2 steel

Chemical elements	C _{≤ 16mm} max	C>16mm max	Si max	Mn max	P max.	S max.	N max
ST 60-2	-	-	-	-	0.045	0.045	0.012

Mechanical properties of ST 60-2 steel

thickness	Yield Strength ReH [N/mm ²] transv.min.	Tensile Strength Rm [N/mm ²] transv.	Fracture Elongation [%]transv. min.	Notch Impact Energy ¹)Ch Vcomplete samplelongitud. min [J]
t ≤ 16mm t >16mm	335 325			--
t < 3mm t ≥ 3mm		590-770 570-710		
Up to 1.5mm 1.51-2.00m m 2.01-2.50m m			7 8 9 10 14	

Bebon steel — The most professional exporter on shipbuilding steel

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2.51-2.99m m ≥ 3mm				
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