

**BEBON**

BebonChina.com

Henan BEBON international co.,ltd**DIN 17100 ST 50-2 steel plate/sheet for general Construction steels**

DIN 17100 ST 50-2 steel plate/sheet for general Construction steels

DIN 17100 ST 50-2 steel plate/sheet, DIN 17100 ST 50-2 steel plate/sheet, under EN standard, we can regard ST 50-2 steel plate/sheet for general Construction steels. DIN 17100 ST 50-2 steel plate/sheet is for general Construction steels. The followings are the chemical composition and the mechanical properties of EN ST 50-2 steel.

ST 50-2 DIN 17100	Comparison of steel grades	
	DIN 17100:1990	FE 490-2
	DIN17100	ST50-2
	NFA 35-501	A50-2
	BS1449	-
	UNI7070	FE 490

Chemical analysis -% by mass* of ST 50-2 steel

Chemical elements	C \leq 16mm max	C>16mm max	Si max	Mn max	P max.	S max.	N max
%,by mass	-	-	-	-	0.045	0.045	0.012

Mechanical properties of ST 50-2 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 \leq 16mm t >16mm	295 285			--
t < 3mm t \geq 3mm		490-600 470-610		
Up to 1.5mm 1.51-2.00m m 2.01-2.50m m 2.51-2.99m			11 12 13 14 18	

Bebon steel — The most professional exporter on shipbuilding steel

Tel:0086-371-86151527

Fax:0086-371-86011881

Skype:bebonchina

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

E-mail:bb@bebonchina.com

MSN:bebonchina@hotmail.com

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



BEBON

BebonChina.com

Henan BEBON international co.,ltd

m \geq 3mm				
--------------	--	--	--	--

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.