

[DIN 17100 St 37-2 steel plate/sheet](#) for general purpose structural steels

Key words: [St 37-2 steel plate/sheet](#), DIN 17100 St 37-2 steel plate/sheet, St 37-2 steel plate/sheet supplier/Chinese supplier, St 37-2 steel plate/sheet price, St 37-2 steel plate/sheet mechanical property.

[DIN 17100 St 37-2 steel equivalent grade](#):

St 37-2 steel plate/sheet is in DIN 17100 standard, the material number is 1.0037. The equivalent grade of St 37-2 steel are EN 10025 EN 10025, NFA 35-501 E 24-2, UNI 7070 Fe 360 B, BS 4360 40 A, ASTM A 283 C - A 570 Gr. 33.

St 37-2 DIN 17100 Material #:1.0037	Comparison of steel grades	
	EN 10025	S235JR
	NFA 35-501	E 24-2
	UNI 7070	Fe 360 B
	BS 4360	40 A
	ASTM	A 283 C - A 570 Gr. 33

[DIN 17100 St 37-2 steel chemical composition](#) %:

Main chemical composition in DIN 17100 St 37-2 steel is carbon max 0.17, manganese max 1.40, phosphorus max 0.045, sulphur max 0.045. More detailed information about DIN 17100 St 37-2 steel, please refer to the down table:

Chemical elements	C≤ 16mm max	C>16mm max	Si max	Mn max	P max.	S max.
%,by mass	0.17	0.17	--	1.40	0.045	0.045

DIN 17100 St 37-2 steel mechanical property:

St37-2 steel plate is one mainly of Carbon and low alloy steel, St37-2 is a type of steel sheet under EN standard which is used to build ship, bridge, belongs to high strength sheet.

thickness	Yield Strength R_{eH} [N/mm ²] transv.min.	Tensile Strength R_m [N/mm ²]transv.	Fracture Elongation[%]transv. min.	Notch Impact Energy $1)Ch V$ complete samplelongitud. min [J]
t ≤ 16mm t > 16mm	235 225			
t < 3mm t ≥ 3mm		360-510 340-470		Degree: 0 AV: 27J
Up to 1.5mm 1.51-2.00mm 2.01-2.50mm 2.51-2.99mm ≥ 3mm			16 17 18 19 24	

ICE steel is the professional Chinese steel exporter, especially in fin-grain structural steel. We keep 10000 tons ex-stock in our warehouse, and the MTC and sample of DIN 17100 St 37-2 steel are available, so if need, welcome to contact ICE steel sales team.

Ice steel — The most professional exporter on weathering resistant steel

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