

[DIN 17102 St E 460 steel plate/sheet](#) for High Yield Steel

Key words: [STE 460 steel plate/sheet](#), DIN 17102 STE 460 steel plate/sheet, STE 460 steel plate/sheet supplier/Chinese supplier, STE 460 steel plate/sheet price, STE 460 steel plate/sheet mechanical property.

DIN 17102 STE 460 steel equivalent grade:

STE 460 steel plate/sheet is in DIN 17102 standard, the equivalent grade of STE 460 steel is NFA 36201 E 460 R.

[DIN 17102 STE 460 steel chemical composition](#) %:

Main chemical composition in DIN 17102 STE 460 steel is carbon max 0.19, silicon max 0.55, manganese max 1.6, phosphorus max 0.035, Sulphur max 0.035. More detailed information about STE 460 steel, please refer to the down table:

Symbol	Chemical composition				
	C max	Si max	Mn	P max	S max
St E 460	0.19	0.55	1.6 max	0.035	0.035

[DIN 17102 STE 460 steel](#) mechanical property:

St E 460 steel plate is one mainly of High Yield steel, TheSt E 460 steel plate are all under the DIN 17102 standard which are used for welded structures.

Symbol	Yield point or proof stress N/mm ² (min)		Tensile strength N/mm ²	Elongation		
	Thickness of steel mm	Thickness of steel mm	Thickness of steel mm	thinnckness	Test piece	% min
St E 460	16 or under	Over 16-40	100 or under	<5	NO.5	19
	460	450	570-720	≥5 <16	NO.5	26
				≥16 <50	NO.5	20

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 17102 STE 460 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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