

High Yield steel plate DIN 17102 St E 460 steel plate

St E 460 steel plate, DIN 17102 St E 460 steel plate, under DIN 17102 standard, we can regard St E 460 steel plate as High Yield steel plate

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

The Chemical is max composition of product analysis:

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

Mechanical properties

Symbol	Yield point or proof stress N/mm2 (min)		Tensile strength N/mm2	Elongation		
	Thickness of steel mm		Thickness of steel mm	thickness	Test piece	% min
	16 or under	Over 16-40	100 or under			
St E 460	460	450	570-720	<5	NO.5	19
				≥5 <16	NO.5	26
				≥16 <50	NO.5	20

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