

**EN10025 Fe 430 C Low alloy high strength steel plate**

EN10025 Fe 430 C steel plate, EN10025 Fe 430 C steel plate is a kind of Low alloy high strength steel plate. EN10025 Fe 430 C steel plate is characterised by a minimum yield strength of 265-275MPa and tensile strength of 410-580MPa,so Fe 430 C steel is mainly used in riveted, bolted, or welded construction of bridges and buildings.the following are EN10025 Fe 430 C steel plate's Chemical composition and mechanical properties  
If you are looking for Chinese Fe 430 C steel supplier,if you want to know Fe 430 C steel price, please be free to contact us.

Fe 430 C steel Chemical analysis -% by mass

Chemical elements	C≤ 16mm max	C>16mm max	Si max	Mn max	P max.	S max.
%,by mass	0.18	0.18	--	1.50	0.040	0.040

Fe 430 C steel Mechanical properties

thickness	Yield Strength $R_{eH}$ [N/mm <sup>2</sup> ] transv.min.	Tensile Strength $R_m$ [N/mm <sup>2</sup> ] ]transv.	Fracture Elongation[%] transv. min.	Notch Impact Energy <sup>1</sup> ) Ch V complete sample longitud. min [J]
t ≤ 16mm t > 16mm	275 265			0 degree 27J
t < 3mm t ≥ 3mm		430-580 410-560		
Up to 1.5mm			13	
1.51-2.00mm			14	
2.01-2.50mm 2.51-2.99mm ≥ 3mm			15 16 20	

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