

ISO 630FE430B Low alloy high strength steel plate

ISO 630FE430B steel plate, ISO 630FE430B steel plate is a kind of Low alloy high strength steel plate. ISO 630FE430B steel plate is characterised by a minimum yield strength of 265-275MPa and tensile strength of 410-580MPa,so FE430B steel is mainly used in riveted, bolted, or welded construction of bridges and buildings.the following are ISO 630FE430B steel plate's Chemical composition and mechanical properties
If you are looking for Chinese FE430B steel supplier,if you want to know FE430B steel price, please be free to contact us.

FE430B steel Chemical analysis -% by mass

Chemical elements	C≤ 16mm max	C>16mm max	Si max	Mn max	P max.	S max.
%,by mass	0.21	0.21	--	1.50	0.045	0.045

FE430B steel Mechanical properties

thickness	Yield StrengthReH[N/mm2] transv.min.	TensileStrengthRm[N/mm2] transv.	Fracture Elongation[%]transv. min.	Notch Impact Energy1)Ch Vcomplete samplelongitud. min [J]
t≤ 16mm t >16mm	275 265			20 degree 27J
t < 3mm t ≥ 3mm		430-580 410-560		
Up to 1.5mm			13	
1.51-2.00mm			14	
2.01-2.50mm			15	
2.51-2.99mm ≥ 3mm			16 20	

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