



NFA 35-501 E28-2 Low alloy high strength steel plate

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NFA 35-501 E28-2 steel plate, [NFA 35-501 E28-2 steel](#) plate is a kind of Low alloy high strength **steel plate**. [NFA 35-501 E28-2 steel](#) plate is characterised by a minimum yield strength of 265-275MPa and tensile strength of 410-580MPa, so [E28-2 steel](#) is mainly used in riveted, bolted, or welded construction of bridges and buildings. the following are NFA 35-501 E28-2 [steel](#) plate's Chemical composition and mechanical properties

If you are looking for Chinese E28-2 steel supplier, if you want to know [E28-2 steel](#) price, please be free to contact us.

E28-2 steel plate [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

E28-2 steel plate Mechanical properties

thickness	Yield Strength ReH [N/mm ²] transv. min.	Tensile Strength Rm [N/mm ²] transv.	Fracture Elongation [%] transv. min.	Notch Impact Energy 1) Charpy complete sample longitudinal. min [J]
t ≤ 16mm t > 16mm	275 265			20 degree 27J
t < 3mm t ≥ 3mm		430-580 410-560		
Up to 1.5mm 1.51-2.00m m 2.01-2.50m m 2.51-2.99m m ≥ 3mm			13 14 15 16 20	

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