

NBNA21201 A 690-1,2 steel plate/sheet for general Construction steels

NBNA21201 A 690-1,2 steel plate/sheet, NBNA21201 A 690-1,2 steel plate/sheet, under EN standard, we can regard A 690-1,2 steel plate/sheet for general Construction steels. NBNA21201 A 690-1,2 steel plate/sheet is for general Construction steels. The followings are the chemical composition and the mechanical properties of EN A 690-1,2 steel. A 690-1,2 steel is according to NBNA21201 standard and it is equivalent to EN:Fe690-2, DIN17100:St70-2, NFA: A70-2 and NBNA21201:E360 steel grades.

A 690-1,2 NBNA21201	Comparison of steel grades	
	NBNA21201:19 90	A 690-1,2
	DIN17100	ST70-2
	NFA 35-501	A70-2
	BS1449	-
	UNI7070	FE 690

Chemical analysis -% by mass of A 690-1,2 steel

Chemical elements	C _≤ 16mm max	C>16mm max	Si max	Mn max	P max.	S max.	N max
A 690-1,2	-	-	-	-	0.045	0.045	0.012

Mechanical properties of A 690-1,2 steel

thickness	Yield Strength ReH [N/mm ²] transv.min.	Tensile Strength Rm [N/mm ²] transv.	Fracture Elongation[%]transv. min.	Notch Impact Energy1)Ch Vcomplete samplelongitud. min [J]
t ≤ 16mm t > 16mm	360 355			
t < 3mm t ≥ 3mm		690-900 670-830		
Up to 1.5mm 1.51-2.00mm 2.01-2.50mm 2.51-2.99mm ≥ 3mm			4 5 6 7 10	- -

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