

NFA36-231 E620D steel plate/sheet High yield strength for cold forming steels

NFA36-231 E620D steel plate/sheet, NFA36-231 E620D steel plate/sheet, under NFA standard, we can regard E620D steel plate/sheet as high yield strength steels for cold-forming steels.

NFA36-231 E620D is mainly used as high yield strength steels for cold-forming steels. The NFA36-231 E620D steel is equivalent to SEW092 QStE600TM, EN S600MC and BS 68F62 steel grades.

E620D NFA36-231 Number:1.8969	Comparision of steel grades	
	SEW092	QStE 600TM
	EN 10149-2	S600MC
	UNI8890	-
	ASTM	-
	BS1449	68F62

Chemical Composition of E620D steel, by %

Grade	C max	Si max	Mn max	P max	S max	AL max	Nb max	V max	Ti max	Mo max	B max
E620D	0.12	0.50	1.9	0.025	0.015	0.015	0.09	0.2	0.22	0.5	0.005

Mechanical Properties of E620D steel

Nominal thickness(mm)	-
ReH-Minimum yield strength(Mpa)	600

Nominal thickness(mm)	-
Rm-Tensile strength(Mpa)	650-820

Nominal thickness(mm)	From 3
A-Minimum elongation Lo=5,65√So(%)	13

Nominal thickness(mm)	to 3
A-Minimum elongation Lo=Lo=80mm(%)	11

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