

UNI8890 FeE560TM steel plate/sheet High yield strength for cold forming steels

UNI8890 FeE560TM steel plate/sheet, UNI8890 FeE560TM steel plate/sheet, under UNI standard, we can regard FeE560TM steel plate/sheet as high yield strength steels for cold-forming steels.

UNI8890 FeE560TM is mainly used as high yield strength steels for cold-forming steels. The UNI8890 FeE560TM steel is equivalent to SEW092 QStE550TM, NFA E560D, EN S550MC, BS 60F45/60F55 and ASTM X80XLK steel grades.

FeE560TM UNI8890 Number:1.0986	Comparision of steel grades	
	SEW092	QStE 550TM
NFA36-231	E560D	
EN 10149-2	S550MC	
ASTM	080XLK	
BS1449	60F45/60F55	

Chemical Composition of FeE560TM steel, by %

Grade	C max	Si max	Mn max	P max	S max	AL max	Nb max	V max	Ti max
FeE560 TM	0.12	0.50	1.8	0.025	0.015	0.015	0.09	0.2	0.15

Mechanical Properties of FeE560TM steel

Nominal thickness(mm)	-
ReH-Minimum yield strength(Mpa)	550

Nominal thickness(mm)	-
Rm-Tensile strength(Mpa)	600-760

Nominal thickness(mm)	From 3
A-Minimum elongation Lo=5,65√So(%)	14

Nominal thickness(mm)	to 3
A-Minimum elongation Lo=Lo=80mm(%)	12

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