

SEW092 QStE600TM steel plate/sheet High yield strength for cold forming steels

SEW092 QStE600TM steel plate/sheet, SEW092 QStE600TM steel plate/sheet, under DIN standard, we can regard QStE600TM steel plate/sheet as high yield strength steels for cold-forming steels.

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

QStE600TM SEW092 Number:1.8969	Comparision of steel grades	
	EN 10149-2	S600MC
	NFA36-231	E620D
	UNI8890	-
	ASTM	-
	BS1449	68F62

Chemical Composition of QStE600TM 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
QStE600TM	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 QStE600TM steel

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

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

Nominal thickness(mm)	From3
A-Minimum elongation Lo=5,65√So(%)	13

Nominal thickness(mm)	to3
A-Minimum elongation Lo=Lo=80mm(%)	11

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