

## SEW092 QStE380TM steel plate/sheet High yield strength for cold forming steels

SEW092 QStE380TM steel plate/sheet, SEW092 QStE380TM steel plate/sheet, under SEW standard, we can regard QStE380TM steel plate/sheet as high yield strength steels for cold-forming steels.

SEW092 QStE380TM is mainly used as high yield strength steels for cold-forming steels. The SEW092 QStE380TM steel is equivalent to EN S355MC and NFA E355D steel grades.

QStE380TM SEW092 Number:1.0976	Comparision of steel grades	
	EN 10149-2	S355MC
	NFA36-231	E355D
	UNI8890	FeE355TM
	ASTM	050XLK

### Chemical Composition of QStE380TM steel, by %

Grade	C max	Si max	Mn max	P max	S max	AL max	Nb max	V max	Ti max
QStE380TM	0.12	0.50	1.5	0.025	0.02	0.015	0.09	0.2	0.15

### Mechanical Properties of QStE380TM steel

Nominal thickness(mm)	-
ReH-Minimum yield strength(Mpa)	355
Nominal thickness(mm)	-
Rm-Tensile strength(Mpa)	430-550
Nominal thickness(mm)	From3
A-Minimum elongation Lo=5,65√So(%)	23
Nominal thickness(mm)	to3
A-Minimum elongation Lo=Lo=80mm(%)	19

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