

## ASTM 050XLK steel plate/sheet High yield strength for cold forming steels

ASTM 050XLK steel plate/sheet, ASTM 050XLK steel plate/sheet, under ASTM standard, we can regard 050XLK steel plate/sheet as high yield strength steels for cold-forming steels.

ASTM 050XLK is mainly used as high yield strength steels for cold-forming steels.

The ASTM 050XLK steel is equivalent to SEW092 QStE380TM and NFA E355D steel grades.

050XLK ASTM Number:1.0976	Comparision of steel grades	
	SEW092	QStE 380TM
	NFA36-231	E355D
	UNI8890	FeE355TM
	EN 10149-2	050XLK

### Chemical Composition of 050XLK steel,by %

Grade	C max	Si max	Mn max	P max	S max	AL max	Nb max	V max	Ti max
050XL K	0.12	0.50	1.5	0.025	0.02	0.015	0.09	0.2	0.15

### Mechanical Properties of 050XLK steel

Nominal thickness(mm)	-
ReH-Minimun 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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