



EN10149 S420NC steel plate/sheet as high strength steels for cold-forming, normalised steels

EN10149 S420NC steel plate/sheet,EN10149 S420NC steel plate/sheet, under EN standard, we can regard S420NC steel plate/sheet as high strength steels for cold-forming, normalised steel.

EN10149 S420NC is mainly used as high strength steels for cold-forming, normalised steels.The EN10149 S420NC steel is equivalent to SEW092 QStE420N steel grade.

S420NC EN 10149-3 Number:1.0981	Comparison of steel grades	
	SEW092	QStE 420N
	EN	Fe E 420-TD
	BS 4360	-
	ASTM	-

Chemical Composition of EN S420NC steel,by %

Grade	C max	Si max	Mn max	P max	S max	AL max	Nb max	V max	Ti max
S420NC	0.2	0.50	1.6	0.025	0.015	0.015	0.09	0.1	0.15

Mechanical Properties of EN S420NC steel

Nominal thickness(mm)	-
ReH-Minimum yield strength(Mpa)	420

Nominal thickness(mm)	-
Rm-Tensile strength(Mpa)	530-670

Nominal thickness(mm)	From3
A-Minimum elongation Lo=5,65√So(%)	23

Nominal thickness(mm)	to3
A-Minimum elongation Lo=Lo=80mm(%)	18

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