

EN10149 S315NC steel plate/sheet as high strength steels for cold-forming, normalised steels

EN10149 S315NC steel plate/sheet, EN10149 S315NC steel plate/sheet, under EN standard, we can regard S315NC steel plate/sheet as high strength steels for cold-forming, normalised steel.

EN10149 S315NC is mainly used as high strength steels for cold-forming, normalised steels. The EN10149 S315NC steel grade is used for cold-formed components of the most varied designs. The applications include the manufacture of Longitudinal beams, Frames, Cold-pressed parts Cold-rolled sections and Structural pipes and so on.

S315NC EN 10149-3 Number:1.0973	Comparision of steel grades	
	DIN	QStE300N
	BS 4360	-
	ASTM	-

Chemical Composition of EN S315NC steel, by %

Grade	C max	Si max	Mn max	P max	S max	AL max	Nb max	V max	Ti max
S315N C	0.16	0.50	1.4	0.025	0.02	0.015	0.09	0.1	0.15

Mechanical Properties of EN S315NC steel

Nominal thickness(mm)	-
ReH-Minimun yield strength(Mpa)	315

Nominal thickness(mm)	-
Rm-Tensile strength(Mpa)	430-550

Nominal thickness(mm)	From3
A-Minimum elongation Lo=5,65√So(%)	27

Nominal thickness(mm)	to3
A-Minimum elongation	22

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Lo=Lo=80mm(%)	
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