



**EN10149 S355NC steel plate/sheet as high strength steels for cold-forming, normalised steels**

EN10149 S355NC steel plate/sheet,EN10149 S355NC steel plate/sheet, under EN standard, we can regard S355NC steel plate/sheet as high strength steels for cold-forming, normalised steel.

EN10149 S355NC is mainly used as high strength steels for cold-forming,normalised steels.The EN10149 S355NC steel grade offers excellent bending,flanging cold bordering and folding properties in both longitudinal and transverse direction.The bending radiispecified below should be observed as minimum values .

S355NC EN 10149-3 Number:1.0977	Comparision of steel grades	
	DIN	QStE360N
	EN	Fe E 355-TD
	BS 4360	-
	ASTM	-

**Chemical Composition of EN S355NC steel,by %**

Grade	C max	Si max	Mn max	P max	S max	AL max	Nb max	V max	Ti max
S355N C	0.18	0.50	1.6	0.025	0.015	0.015	0.09	0.1	0.15

**Mechanical Properties of EN S355NC steel**

Nominal thickness(mm)	-
ReH-Minimun yield strength(Mpa)	355

Nominal thickness(mm)	-
Rm-Tensile strength(Mpa)	470-610

Nominal thickness(mm)	From3
A-Minimum elongation Lo=5,65√So(%)	25

Nominal thickness(mm)	to3
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**Bebon steel — The most professional exporter on shipbuilding steel**

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A-Minimum Lo=Lo=80mm(%)	elongation	20
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