

**BEBON**

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Henan BEBON international co.,ltd**EN10149-2 S315MC steel plate/sheet****EN10149-2 S315MC steel plate/sheet** for High yield strength cold forming steels

EN10149-2 S315MCsteel plate/sheet,EN10149-2 S315MCsteel plate/sheet, under EN standard, we can regard S315MC steel plate/sheet for high yield strength cold forming steels.

EN10149-2 S315MC is a technical delivery conditions for high yield strength cold forming steels.It is according to EN10149-2 standard.we can regard S315MC steel plates/sheets are low-perlite steel grades offer excellent bending, flanging, cold-borderingand folding properties in both longitudinal and transverse direction. The bending radii specified below should be observed as minimum values.

S315MCEN10149-2MATERIAL#1.092	Comparison of steel grades	
	A 517 / A 607 / J 1392	045 XLK
	NFA 36-231	E 315 D
	BS 1449 Sec. 1.4	HR 43F35
	Salzgitter Flachstahl -	PSQ 32

S315MC steel plate[Chemical analysis](#)-% by mass*

Chemical analysis -% by mass*	C	Si	Mn	P	S 1)	Alttotal	Mo	Ti	B
	max.	max.	max.	max.	max.	min.	max.	max.	max.
	0,12	0,50	1,30	0,025	0,020	0,015	-	0,15	-

S315MC steel sheet[Mechanical properties](#)

Mechanical properties	Yield Strength ReH [N/mm ²]	Tensile Strength Rm [N/mm ²]	Min.totalel ongation [%]	Smallest recom mended bending radius bending angles ≤ 90
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Bebon steel — The most professional exporter on shipbuilding steel

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	ransv.min	transv.					
S315MC	315	390 - 510	L0 = 80 mm	L0= 5,65 $\sqrt{S0}$	e1) ≤ 3	3 < e1)< 6	e1) > 6
			e2) < 3	e2) ≥ 3	0,2 5 e	0, 5 e	1,0 e
			20	24			

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