

SM520B/C steel plate, JIS3106 SM520B/C steel plate, under JIS3106 standard, we can regard SM520B/C steel plate as Carbon and low alloy steel **SM520B/C steel plate** is one mainly of Carbon and low alloy steel, **SM520B/C steel grade** is a low carbon, high strength structural steel With this low carbon equivalent, it process good cold forming property.

SM520B steel plates usual supplied in normalized or control rolled delivery condition

[50EE BS4360](#)

Comparison of steel grades

CSAG40-21	-
IS	-
JIS 3101	-
JIS 3106	<u>SM 520 B</u>
ISO 630	-
ASTM	-

50EE steel plate Chemical Composition

Grade [Chemical Composition, \[%\]](#)

	C.	Si.	Mn.	P. max	S.	Nb.	V.	Normal supply Condition (1),(2)
50EE	0.18	0.10-0.50	1.50	0.040	0.030	0.003-0.010	0.003-0.010	Normalized

50EE steel sheet [Mechanical Properties](#)

Grade	Minimum impact Test value	Charpy V-notch	Minimum elongation, A, On a gauge length[1]	Minimum yield strength, Re, N/m ²	Tensile Strength Rm[1]
50EE	75(10)	27	-50	20%	18%

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