



NK Grade B shipbuilding steel plate

NK Grade B shipbuilding steel plate are almost exclusively used in the Shipbuilding Industry for the construction of structural parts of ships, barges and marine equipment. NK Grade B shipbuilding steel plate is a kind of hot rolled general tensile strength steel.

The application of NK Grade B shipbuilding steel plate

NK B Shipbuilding steel plates can be used for ship repairing, the offshore oil drilling platform, the platform pipe joints and other components.

NK Grade B shipbuilding steel plate Chemical Composition Heat Analysis

Element	NK Grade B Max %	Element	NK Grade B max %
C	0.21	Ni	-
Mn	0.80	Mo	-
Si	0.35	Al	-
S	0.035	Nb	-
P	0.035	V	-
Cu	-	Ti	-
Cr	-	N	-

NK Grade B shipbuilding steel plate Mechanical Properties

Grade	Thickness	Yield Strength	Tensile Strength	Elongation	Impact Energy
	(mm)	MPa (min)	MPa	% (min)	(KV J) (min)
					0 degree
NK Grade B	4-260	235	400-520	22	27J

Note: the impact energy under less 50mm thickness

The rolling size of NK Grade B shipbuilding steel plate

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Thickness	3-150mm
Width	1220-4200mm
Length	5000-18000mm

Notes: coil thickness \leq 25mm

The NK Grade B shipbuilding steel plates have yield strength of 34,100 psi (235 MPa), and ultimate tensile strength of 58,000 - 75,500 psi (400-520 MPa). NK steels come 4 grades in ordinary-strength steel for shipbuilding and NK Grade B shipbuilding steel plate is one of them. The NK Grade B shipbuilding steel plates provided by Katalor Industry has very good quality and has been exported to worldwide shipyard and ship building company.



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specialized in manufacturing and exporting steel and casting product. Based on the domestic rich product resources and professional research on international market, Katalor's service has already spread many countries in Europe, America, Southeast Asia, Middle East, South America, Africa, and so on.

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