



NK EH40 shipbuilding steel plate

The NK EH40 shipbuilding steel plates have yield strength of 56,500 psi (390 MPa), and ultimate tensile strength of 74,000 - 94,500 psi (510-650 MPa). Higher-strength NK shipbuilding steel comes in 12 grades of 3 strengths, NK EH40 shipbuilding steel plate is one of the grades.

The application of NK EH40 shipbuilding steel plate

NK EH40 shipbuilding steel plates are suitable for container and bulk cargo vessels as well as cruise ships, ferries and yachts.

NK EH40 shipbuilding steel plate Chemical Composition:

Grade	C %	Si %	Mn %	P %	S %	V %	AL %	Cr %
NK Grade EH40	0.180	0.1-0.5	0.90-1.6	0.035	0.035	0.05-0.10	0.015	0.200
	Cu %	Mo %	Nb %	Ni %	Ti %			
	0.350	0.080	0.02-0.05	0.400	0.020			

NK EH40 shipbuilding steel plate Mechanical Properties:

Grade	Thickness(mm)	MinYield(Mpa)	Tensile(Mpa)	Elongation (%)	Min Impact Energy	
NK Grade EH40	8mm-50mm	Min 390Mpa	510-650Mpa	20%	-40	34J
	51mm-70mm	Min390Mpa	510-650Mpa	20%	-40	41J
	71mm-100mm	Min 390Mpa	510-650Mpa	20%	-40	50J
The min impact energy is longitudinal energy						

The rolling size of NK EH40 shipbuilding steel plate

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

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Notes: coil thickness \leq 25mm

All of NK EH40 shipbuilding steel plate have been engineered to be optimal long-lived shipbuilding steels. All the NK EH40 shipbuilding steel plate offered by Katalor Industry can be certificated by Nippon Kaiji Kyokai (NK). Katalor is one of the best NK EH40 shipbuilding steel plate suppliers. Any question of NK EH40 shipbuilding steel plate can be send to our email:info@katalor.com or contact our servicer online



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

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