



GL FH40 shipbuilding steel plate

GL EH40 shipbuilding steel plate is a kind of hot rolled high tensile strength steel. Higher-strength GL shipbuilding steel comes in 12 grades of 3 strengths, GL EH40 shipbuilding steel plate is one of the grades. The GL EH40 shipbuilding steel plate have yield strength of 56,500 psi (390 MPa), and ultimate tensile strength of 74,000 - 94,500 psi (510-650 MPa). All of GL EH40 shipbuilding steel plate have been engineered to be optimal long-lived shipbuilding steels.

The application of GL EH40 shipbuilding steel plate

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

The rolling size of GL DH40 shipbuilding steel plate

Thickness	1.2-40mm
Width	1220-4200mm
Length	5000-18000mm

Notes: coil thickness ≤ 25mm

GL EH40 shipbuilding steel plate Chemical Composition

Grade	C %	Si %	Mn %	P %	S %	V %	AL %	Cr %
GL 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			

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GL EH40 shipbuilding steel plate Mechanical Properties

Grade	Thickness(mm)	MinYield(Mpa)	Tensile(Mpa)	Elongation (%)	Min Impact Energy	
GL 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

Katalor is the professional Chinese GL EH40 shipbuilding steel plate supplier .If you need GL EH40 shipbuilding steel plate , we can put the GL EH40 shipbuilding steel plate order to our steel mill directly or collect these goods from our stock directly if we have enough ex-stock .Besides. if you need any offer or if you want to know the price and any other information about GL EH40 shipbuilding steel plate price, please be free to contact us.

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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'service has already spread many countries in Europe , America, Southeast Asia, Middle East, South America, Africa, and so on.

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