



GL AH40 shipbuilding steel plate

GL AH40 shipbuilding steel plate is a kind of high tensile strength shipbuilding steel. All GL AH40 shipbuilding steel plate are standard hot rolled carbon steels. All of these steels have been engineered to be optimal long-lived shipbuilding steels. Higher-strength GL shipbuilding steel comes in 12 grades of 3 strengths, GL AH40 shipbuilding steel plate is one of the grades.

The application of GL AH40 shipbuilding steel plate

GL AH40 Shipbuilding steel plates are mainly used for making the offshore oil drilling platform, the hull of ship building and ship repairing, the platform pipe joints and other components.

The rolling size of GL FH36 shipbuilding steel plate

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

Notes: coil thickness ≤ 25mm

GL AH40 shipbuilding steel plate Chemical Composition

Grade	C %	Si %	Mn %	P %	S %	V %	AL %	Cr %
GL Grade AH40	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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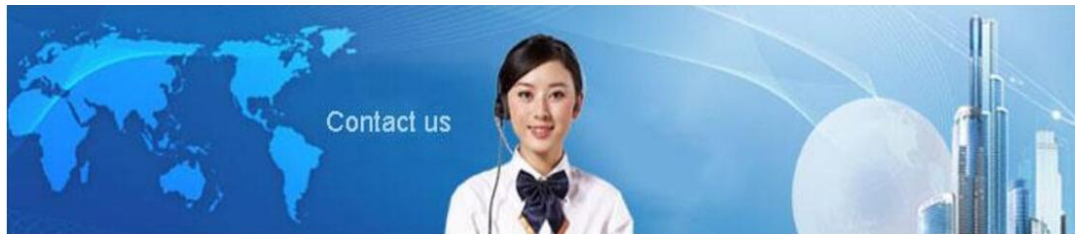
GL AH40 shipbuilding steel plate Mechanical Properties

Grade	Thickness(mm)	Min Yield(Mpa)	Tensile(Mpa)	Elongation (%)	Min Impact Energy	
GL Grade AH40	8mm-50mm	Min 390Mpa	510-650Mpa	20%	0	34J
	51mm-70mm	Min390Mpa	510-650Mpa	20%	0	41J
	71mm-100mm	Min 390Mpa	510-650Mpa	20%	0	50J

The min impact energy is longitudinal energy

GL AH40 shipbuilding steel plate price can be offered by KATALOR ,we are professional GL AH40 shipbuilding steel plate suppliers and manufacturer ,if you need GL AH40 shipbuilding steel plate application and materials,please 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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