



GL AH36 shipbuilding steel plate

GL AH36 steel is a kind of high tensile strength marine steel. All of these steels have been engineered to be optimal long-lived shipbuilding steels. As with other grades of steel, they have a specific gravity of 7.8. Higher-strength GL shipbuilding steel comes in 12 grades of 3 strengths, AH36 is one of the grades. The GL AH36 grades have yield strength of 51,000 psi (355 MPa), and ultimate tensile strength of 71,000 - 90,000 psi (490-620 MPa). All the GL AH36 shipbuilding Steel offered by Katalor Industry can be certificated by Germanischer Lloyd (GL) as per customer's request.

The application of GL AH36 shipbuilding steel plate

GL AH36 shipbuilding steel plate 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. GL AH36 shipbuilding steel plate also can be used for producing container and bulk cargo vessels as well as cruise ships, ferries and yachts.

The rolling size of GL AH36 shipbuilding steel plate

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

Notes: coil thickness \leq 25mm

GL AH36 shipbuilding steel plate Chemical Composition

Grade	C %	Si %	Mn %	P %	S %	V %	AL %	Cr %
GL	0.180	0.1-0.5	0.90-1.6	0.035	0.035	0.05-0.10	0.015	0.200

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AH36	Cu %	Mo %	Nb %	Ni %	Ti %			
	0.350	0.080	0.02-0.05	0.400	0.020			

GL AH36 shipbuilding steel plate Mechanical Properties:

Grade	Thickness(mm)	MinYield(Mpa)	Tensile(Mpa)	Elongation (%)	Min Impact Energy	
GLAH36	8mm-50mm	Min 355Mpa	490-620Mpa	21%	-0	34J
	51mm-70mm	Min 355Mpa	490-620Mpa	21%	-0	41J
	71mm-100mm	Min 355Mpa	490-620Mpa	21%	-0	50J
The min impact energy is longitudinal energy						

Katalor enterprises is the professional Chinese GL AH36 shipbuilding steel plate supplier .We keep a lot GL AH36 shipbuilding steel plate in our warehouse. We promise the competitive price in order to enlarge our oversea market. If you want to know GL AH36 shipbuilding steel plate price,please be free to contact us.



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 **Office Address:**Room 301,Unit 6,lane 2500,xiupu Road,Kangqiao Industrial Area,Pudong New District,Shanghai



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