



GL AH32 shipbuilding steel plate

GL AH32 shipbuilding steel plate is a kind of hot rolled high tensile strength steel. As with other grades of steel, GL AH32 shipbuilding steel plate has a specific gravity of 7.8. Higher-strength GL shipbuilding steel comes in 12 grades of 3 strengths, AH32 is one of the grades. The GL AH32 shipbuilding steel plate have yield strength of 45,500 psi (315 MPa), and ultimate tensile strength of 64,000 - 85,000 psi (440-590 MPa). All the GL AH32 shipbuilding steel plate offered by Katalor Industry can be certificated by Germanischer Lloyd (GL).

The application of GL AH32 shipbuilding steel plate

GL AH32 shipbuilding steel plates are mainly used for making the hull of ship building and ship repairing, the offshore oil drilling platform, the platform pipe joints and other components. GL AH32 shipbuilding steel plates also can be used for producing container and bulk cargo vessels as well as cruise ships, ferries and yachts.

GL AH32 shipbuilding steel plate Chemical Composition:

Grade	C %	Si %	Mn %	P %	S %	V %	AL %	Cr %
GL Grade AH32	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			

GL AH32 shipbuilding steel plate Mechanical Properties:

Grade	Thickness(mm)	MinYield(Mpa)	Tensile(Mpa)	Elongation (%)	Min Impact Energy	
GL Grade AH32	8mm-50mm	Min 315Mpa	440-590Mpa	22%	-	34J
	51mm-70mm	Min 315Mpa	440-590Mpa	22%	-	38J
	71mm-100mm	Min 315Mpa	440-590Mpa	22%	-	46J

Rolling Size of GL AH32 shipbuilding steel plate

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

Notes: coil thickness \leq 25mm

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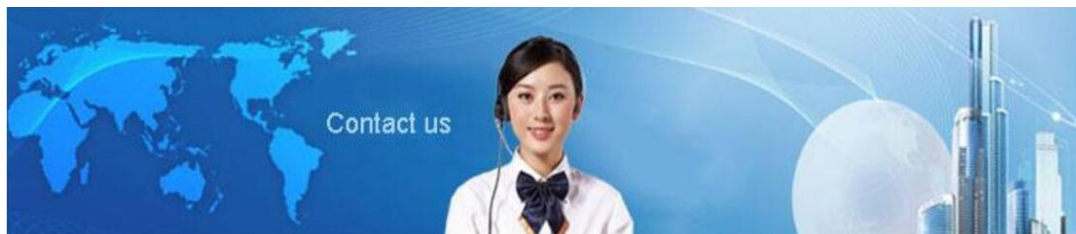


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Shanghai Katalor Enterprises Co., Ltd is a standard company specialized in producing and exporting GL AH32 shipbuilding steel plate. We have our own GL AH32 shipbuilding steel plate

factory and if you need the GL AH32 shipbuilding steel plate, we can manufacture for you. If you need the competitive GL AH32 shipbuilding steel plate price, please don't hesitate to contact with our sales person.



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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