



GL FH36 shipbuilding steel plate

GL FH36 steel is a kind of high tensile strength marine steel. As with other grades of steel, they have a specific gravity of 7.8. The GL FH36 shipbuilding steel plate have yield strength of 51,000 psi (355 MPa), and ultimate tensile strength of 71,000 - 90,000 psi (490-620 MPa). GL FH36 shipbuilding steel plate can achieve the impact toughness at Celsius degree -60°. All the GL FH36 shipbuilding steel plate offered by Katalor Industry can be certificated by Germanischer Lloyd (GL) as per customer's request.

The application of GL FH36 shipbuilding steel plate

GL FH36 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. GL FH36 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 FH36 shipbuilding steel plate

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

Notes: coil thickness ≤ 25mm

GL FH36 shipbuilding steel plate Chemical Composition:

Grade	C %	Si %	Mn %	P %	S %	V %	AL %	Cr %
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GL	0.160	0.1-0.5	0.90-1.6	0.025	0.025	0.05-0.10	0.015	0.200
Grade	Cu %	Mo %	Nb %	Ni %	Ti %	N%		
FH36	0.350	0.080	0.02-0.05	0.400	0.020	0.009		

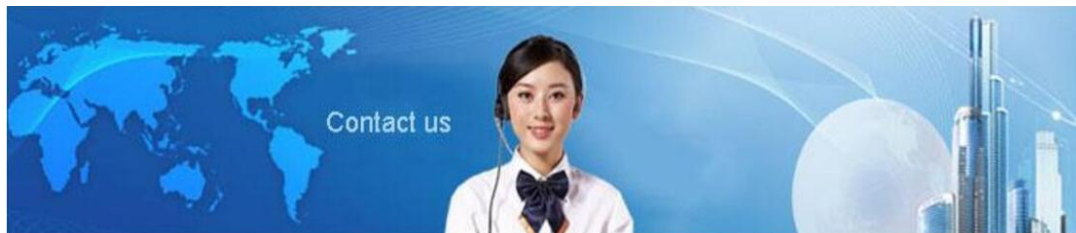
GL FH36 shipbuilding steel plate Mechanical Properties:

Grade	Thickness(mm)	MinYield(Mpa)	Tensile(Mpa)	Elongation (%)	Min Impact Energy	
GL	8mm-50mm	Min 355Mpa	490-620Mpa	21%	-60	34J
Grade	51mm-70mm	Min 355Mpa	490-620Mpa	21%	-60	41J
FH36	71mm-100mm	Min 355Mpa	490-620Mpa	21%	-60	50J

The min impact energy is longitudinal energy

GL FH36 shipbuilding steel plate can be offered by us, we have GL FH36 shipbuilding steel plate suppliers and manufacturer ,if you need GL FH36 shipbuilding steel plate price and specification ,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's service has already spread many countries in Europe , America, Southeast Asia, Middle East, South America, Africa, and so

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