



GL FH32 shipbuilding steel plate

GL FH32 steel is a kind of hot rolled high tensile strength steel. GL FH32 steel can achieve the impact toughness at Celsius degree -60°. The GL FH32 grade steel plates 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 FH32 shipbuilding Steel offered by Katalor Industry can be certificated by Germanischer Lloyd (GL).

The application of GL FH32 shipbuilding steel plate

GL FH32 shipbuilding steel plates can be used for producing container and bulk cargo vessels as well as cruise ships, ferries and yachts. GL FH32 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 FH32 shipbuilding steel plate Chemical Composition

Grade	C %	Si %	Mn %	P %	S %	V %	AL %	Cr %
GL Grade FH32	0.160	0.1-0.5	0.90-1.6	0.025	0.025	0.05-0.10	0.015	0.200
	Cu %	Mo %	Nb %	Ni %	Ti %	N %		
	0.350	0.080	0.02-0.05	0.800	0.020	0.009		

GL FH32 shipbuilding steel plate Mechanical Properties

Grade	Thickness(mm)	MinYield(Mpa)	Tensile(Mpa)	Elongation (%)	Min Impact Energy	
GL Grade FH32	8mm-50mm	Min 315Mpa	440-590Mpa	22%	-60	34J
	51mm-70mm	Min 315Mpa	440-590Mpa	22%	-60	41J
	71mm-100mm	Min 315Mpa	440-590Mpa	22%	-60	50J

The min impact energy is longitudinal energy

Rolling Size of GL FH32 shipbuilding steel plate

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

Notes: coil thickness ≤ 25mm

Katalor have owned the global reputation for supply the high quality GL FH32 shipbuilding steel plate, if we have the size in stock, we can delivery them at once. If not, it will take about 20 days for us to produce

Office Address:Room 301,Unit 6,lane 2500,xiupu Road,Kangqiao Industrial

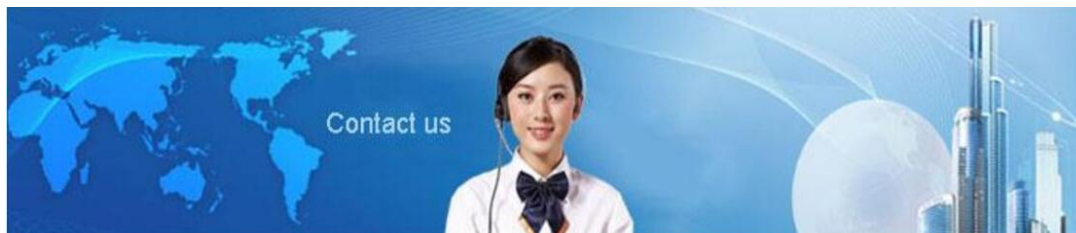
Area,Pudong New District,Shanghai



Shanghai Katalor Enterprises
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Email: info@katalor.com

the GL FH32 shipbuilding steel plate for you. Please contact our sales team if you have any inquiry about the GL FH32 shipbuilding steel plate , we will offer you the competitive price with best price in China.



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.

Contact US:

Phone: 0086-18317160019

TEL: 0086-21-61182423

Fax: 0086-21-61182425

E-mail: info@katalor.com

Skype: shanghai.katalor

Address : Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial

Office Address: Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial

Area, Pudong New District, Shanghai



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