



### GL EH36 shipbuilding steel plate

GL EH36 shipbuilding steel plate 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. The GL EH36 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).

#### The application of GL EH36 shipbuilding steel plate

GL EH36 shipbuilding steel plate can be used for producing container and bulk cargo vessels as well as cruise ships, ferries and yachts. GL EH36 shipbuilding steel plate 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.

#### The rolling size of GL EH36 shipbuilding steel plate

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

Notes: coil thickness ≤ 25mm

#### GL EH36 shipbuilding steel plate Chemical Composition:

Grade	C %	Si %	Mn %	P %	S %	V %	AL %	Cr %
GL Grade EH36	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 EH36 shipbuilding steel plate Mechanical Properties:

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Grade	Thickness(mm)	MinYield(Mpa)	Tensile(Mpa)	Elongation (%)	Min Impact Energy	
GL	8mm-50mm	Min 355Mpa	490-620Mpa	21%	-40	34J
Grade	51mm-70mm	Min 355Mpa	490-620Mpa	21%	-40	41J
EH36	71mm-100mm	Min 355Mpa	490-620Mpa	21%	-40	50J

The min impact energy is longitudinal energy

If you need GL EH36 shipbuilding steel plate stock or GL EH36 shipbuilding steel plate machining service , you can contact with Katalor, we can make the GL EH36 shipbuilding steel plate quotation according to your demands .

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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 on.

## Contact US:

**Phone:** 0086-18317160019

**TEL:** 0086-21-61182423

**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](mailto:info@katalor.com)

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**Fax:** 0086-21-61182425

**E-mail:** [info@katalor.com](mailto:info@katalor.com)

**Skype:** shanghai.katalor

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

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