



## LR DH36 shipbuilding steel plate

LR DH36 shipbuilding steel plate is a kind of high tensile strength marine steel. Higher-strength LR shipbuilding steel plate comes in 12 grades of 3 strengths, LR DH36 shipbuilding steel plate is one of the grades. As with other grades of steel, they have a specific gravity of 7.8. The LR DH36 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). All the LR DH36 shipbuilding steel plate offered by Katalor Industry can be certificated by Lloyd's Register of Shipping (LR) as per customer's request.

### The application of LR DH36 shipbuilding steel plate

LR DH36 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.

### The rolling size of LR DH36 shipbuilding steel plate

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

Notes: coil thickness  $\leq$  25mm

### LR DH36 shipbuilding steel plate Chemical Composition:

Grade	C %	Si %	Mn %	P %	S %	V %	AL %	Cr %
LR Grade	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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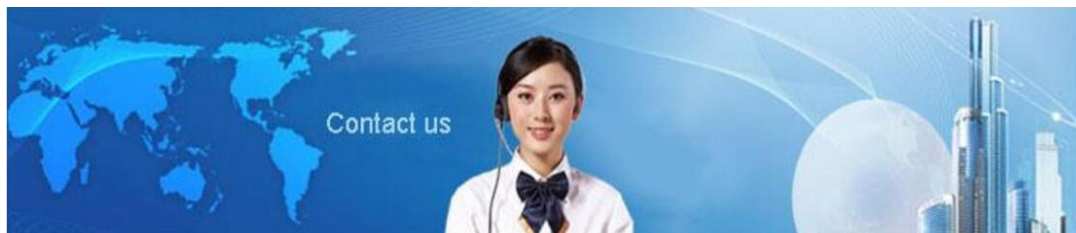
DH36	Cu %	Mo %	Nb %	Ni %	Ti %			
	0.350	0.080	0.02-0.05	0.400	0.020			

LR DH36 shipbuilding steel plate Mechanical Properties:

Grade	Thickness(mm)	MinYield(Mpa)	Tensile(Mpa)	Elongation (%)	Min Impact Energy	
LR Grade DH36	8mm-50mm	Min 355Mpa	490-620Mpa	21%	-20	34J
	51mm-70mm	Min 355Mpa	490-620Mpa	21%	-20	41J
	71mm-100mm	Min 355Mpa	490-620Mpa	21%	-20	50J

The min impact energy is longitudinal energy

Katalor enterprises will use our professional services, best quality and competitive price to fulfill each customers needs in LR DH36 shipbuilding steel plate. More information about LR DH36 shipbuilding steel plate price, please feel free to contact us, we will always do our best to help you.



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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