



### DNV FH36 shipbuilding steel plate

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

The application of DNV FH36 shipbuilding steel plate

DNV 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. DNV FH36 Shipbuilding steel plates also can be used for producing container and bulk cargo vessels as well as cruise ships, ferries and yachts.

### DNV FH36 shipbuilding steel plate Chemical Composition

Grade	C %	Si %	Mn %	P %	S %	V %	AL %	Cr %
DNV	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		

### DNV FH36 shipbuilding steel plate Mechanical Properties

Grade	Thickness(mm)	MinYield(Mpa)	Tensile(Mpa)	Elongation (%)	Min Impact Energy	
					-60	34J
DNV	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

### Rolling Size of DNV FH36 shipbuilding steel plate

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

Notes: coil thickness  $\leq$  25mm

DNV FH36 shipbuilding steel plate specification can be offered by KATALOR ,we are professional DNV FH36 shipbuilding steel plate suppliers and manufacturer in China, if you need DNV FH36 shipbuilding steel plate price and application ,please contact us.



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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