



DNV FH32 shipbuilding steel plate

All the DNV FH32 shipbuilding steel plate offered by Katalor Industry can be certificated by Det Norske Veritas (DNV). DNV FH32 shipbuilding steel plate is a kind of hot rolled high tensile strength steel. DNV FH32 shipbuilding steel plate can achieve the impact toughness at Celsius degree -60°. The DNV FH32 shipbuilding steel plates have yield strength of 45,500 psi (315 MPa), and ultimate tensile strength of 64,000 - 85,000 psi (440-590 MPa).

The application of DNV FH32 shipbuilding steel plate

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

DNV FH32 shipbuilding steel plate Chemical Composition:

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

DNV FH32 shipbuilding steel plate Mechanical Properties:

Grade	Thickness(mm)	MinYield(Mpa)	Tensile(Mpa)	Elongation (%)	Min Impact Energy	
DNV 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 DNV FH32 shipbuilding steel plate

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

Notes: coil thickness \leq 25mm

DNV FH32 shipbuilding steel plate price can be offered by KATALOR ,we are professional DNV FH32 shipbuilding steel plate suppliers and manufacturer ,if you need DNV FH32 shipbuilding steel plate application and materials,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

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