



### DNV FH40 shipbuilding steel plate

All the DNV FH40 shipbuilding steel plate offered by Katalor Industry can be certificated by Det Norske Veritas DNV. DNV FH40 shipbuilding steel plate is a kind of hot rolled high tensile strength steel. The DNV FH40 shipbuilding steel plates have yield strength of 56,500 psi (390 MPa), and ultimate tensile strength of 74,000 - 94,500 psi (510-650 MPa). DNV FH40 steel can achieve the impact toughness at Celsius degree -60° .

The application of DNV FH40 shipbuilding steel plate

DNV FH40 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 FH40 shipbuilding steel plate Chemical Composition

Grade	C %	Si %	Mn %	P %	S %	V %	AL %	Cr %
DNV Grade FH40	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 FH40 shipbuilding steel plate Mechanical Properties

Grade	Thickness(mm)	MinYield(Mpa)	Tensile(Mpa)	Elongation (%)	Min Impact Energy	
					-60	34J
DNV Grade FH40	8mm-50mm	Min 390Mpa	510-650Mpa	20%	-60	34J
	51mm-70mm	Min390Mpa	510-650Mpa	20%	-60	41J
	71mm-100mm	Min 390Mpa	510-650Mpa	20%	-60	50J
The min impact energy is longitudinal energy						

### Rolling Size of DNV FH40 shipbuilding steel plate

Thickness	3-150mm
Width	1220-4200mm

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Length	5000-18000mm
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Notes: coil thickness  $\leq$  25mm

DNV FH40 shipbuilding steel plate can be produced according to client's request. We also have warehouse in Shanghai and Qingdao. Some stock can meet the urgent need for some clients. Katalor is experienced in supplying DNV FH40 shipbuilding steel plate. Welcome to contact us if you are looking for the supplier of DNV FH40 shipbuilding steel plate.



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:**

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