



### DNV AH32 shipbuilding steel plate

All the DNV AH32 shipbuilding steel plate offered by Katalor Industry can be certificated by Det Norske Veritas (DNV). DNV AH32 shipbuilding steel plate is a kind of hot rolled high tensile strength steel. As with other grades of steel, DNV AH32 shipbuilding steel plate has a specific gravity of 7.8. Higher-strength DNV shipbuilding steel comes in 12 grades of 3 strengths, DNV AH32 shipbuilding steel plate is one of the grades. The DNV AH32 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 AH32 shipbuilding steel plate

DNV AH32 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 AH32 shipbuilding steel plate Chemical Composition

Grade	C %	Si %	Mn %	P %	S %	V %	AL %	Cr %
DNV Grade AH32	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			

### DNV AH32 shipbuilding steel plate Mechanical Properties

Grade	Thickness(mm)	MinYield(Mpa)	Tensile(Mpa)	Elongation (%)	Min Impact Energy	
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DNV Grade AH32	8mm-50mm	Min 315Mpa	440-590Mpa	22%	-	34J
	51mm-70mm	Min 315Mpa	440-590Mpa	22%	-	38J
	71mm-100mm	Min 315Mpa	440-590Mpa	22%	-	46J

The min impact energy is longitudinal energy

### Rolling Size of DNV AH32 shipbuilding steel plate

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

Notes: coil thickness  $\leq$  25mm

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



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Katalor is the professional Chinese DNV AH32 shipbuilding steel plate supplier .If you need DNV AH32 shipbuilding steel plate , we can put the DNV AH32 shipbuilding steel plate order to our steel mill directly or collect these goods from our stock directly if we have enough ex-stock .Besides. if you need any offer or if you want to know the price and any other information about DNV AH32 shipbuilding steel plate price, please be free to 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 on.

## **Contact US:**

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