



### DNV AH40 shipbuilding steel plate

DNV AH40 shipbuilding steel plate is a kind of high tensile strength shipbuilding steel. All DNV AH40 shipbuilding steel plate are standard hot rolled carbon steels. All of these steels have been engineered to be optimal long-lived shipbuilding steels. Higher-strength DNV shipbuilding steel comes in 12 grades of 3 strengths, DNV AH40 shipbuilding steel plate is one of the grades.

The application of DNV AH40 shipbuilding steel plate

DNV AH40 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 AH40 shipbuilding steel plate Chemical Composition

| Grade             | C %   | Si %    | Mn %      | P %   | S %   | V %       | AL %  | Cr %  |
|-------------------|-------|---------|-----------|-------|-------|-----------|-------|-------|
| DNV Grade<br>AH40 | 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 AH40 shipbuilding steel plate Mechanical Properties

| Grade  | Thickness(mm) | MinYield(Mpa) | Tensile(Mpa) | Elongation (%) | Min Impact Energy |     |
|--|---------------|---------------|--------------|----------------|-------------------|-----|
| DNV Grade<br>AH40                            | 8mm-50mm      | Min 390Mpa    | 510-650Mpa   | 20%            | 0                 | 34J |
|  | 51mm-70mm     | Min390Mpa     | 510-650Mpa   | 20%            | 0                 | 41J |
|  | 71mm-100mm    | Min 390Mpa    | 510-650Mpa   | 20%            | 0                 | 50J |
| The min impact energy is longitudinal energy |               |               |              |                |                   |     |

### Rolling Size of DNV AH40 shipbuilding steel plate

|           |             |
|-----------|-------------|
| Thickness | 3-150mm     |
| Width     | 1220-4200mm |

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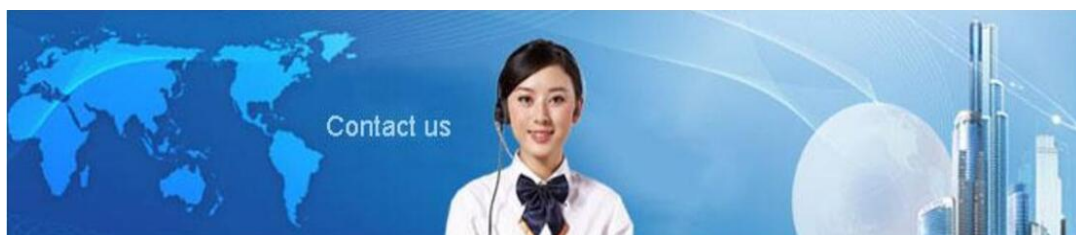
Email: info@katalor.com

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|        |              |
|--------|--------------|
| Length | 5000-18000mm |
|--------|--------------|

Notes: coil thickness  $\leq$  25mm

Katalor supply DNV AH40 shipbuilding steel plate for many years history. We have warehouse in shanghai, qingdao and zhengzhou. Some stock can meet the urgent need of clients. DNV AH40 shipbuilding steel plate can be produced according to some special request. Welcome to contact katalor if you are looking for the suppliers of DNV AH40 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

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Europe , America, Southeast Asia, Middle East, South America, Africa, and so on.

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