



NK DH32 shipbuilding steel plate

The NK DH32 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). NK DH32 shipbuilding steel plate is a kind of hot rolled high tensile strength steel.

NK DH32 Shipbuilding Steel Application:

NK DH32 Shipbuilding steel plates are suitable for container and bulk cargo vessels as well as cruise ships, ferries and yachts.

NK DH32 shipbuilding steel plate Chemical Composition:

| Grade | C % | Si % | Mn % | P % | S % | V % | AL % | Cr % |
|------------------|-------|---------|-----------|-------|-------|-----------|-------|-------|
| NK Grade DH32 | 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 | | | |

NK DH32 shipbuilding steel plate Mechanical Properties:

| Grade | Thickness(mm) | MinYield(Mpa) | Tensile(Mpa) | Elongation (%) | Min Impact Energy | |
|---------------|---------------|---------------|--------------|----------------|-------------------|-----|
| NK | 8mm-50mm | Min 315Mpa | 440-590Mpa | 22% | -20 | 34J |
| Grade DH32 | 51mm-70mm | Min 315Mpa | 440-590Mpa | 22% | -20 | 38J |
| | 71mm-100mm | Min 315Mpa | 440-590Mpa | 22% | -20 | 46J |

The min impact energy is longitudinal energy

The rolling size of NK DH32 shipbuilding steel plate

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

Notes: coil thickness \leq 25mm

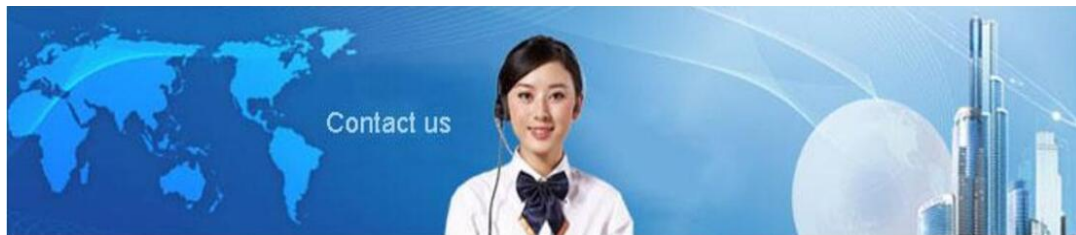
Higher-strength NK shipbuilding steel comes in 12 grades of 3 strengths, DH32 is one of the grades. NK DH32 shipbuilding steel plate is one of the star products of Katalor. Welcome to contact Katalor if you are a purchaser of NK DH32 shipbuilding steel plate. We will introduce more information of NK DH32 shipbuilding steel plate to you.

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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.

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