



RMRS AH36 shipbuilding steel plate

The RMRS AH36 shipbuilding steel plates have yield strength of 51,000 psi (355 MPa), and ultimate tensile strength of 71,000 - 90,000 psi (490-620 MPa). All the RMRS AH36 shipbuilding steel plate offered by Katalor Industry can be certificated by RMRS as per customer's request.

The application of RMRS AH36 shipbuilding steel plate

RMRS AH36 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.

RMRS AH36 shipbuilding steel plate Chemical Composition

| Grade | C % | Si % | Mn % | P % | S % | V % | AL % | Cr % |
|-----------|-------|---------|-----------|-------|-------|-----------|-------|-------|
| RMRS AH36 | 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 | | | |

RMRS AH36 shipbuilding steel plate Mechanical Properties

| Grade | Thickness(mm) | MinYield(Mpa) | Tensile(Mpa) | Elongation (%) | Min Impact Energy | |
|-----------|---------------|---------------|--------------|----------------|-------------------|-----|
| RMRS AH36 | 8mm-50mm | Min 355Mpa | 490-620Mpa | 21% | -0 | 34J |
| | 51mm-70mm | Min 355Mpa | 490-620Mpa | 21% | -0 | 41J |
| | 71mm-100mm | Min 355Mpa | 490-620Mpa | 21% | -0 | 50J |

The min impact energy is longitudinal energy

The rolling size of RMRS AH36 shipbuilding steel plate

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

Notes: coil thickness \leq 25mm

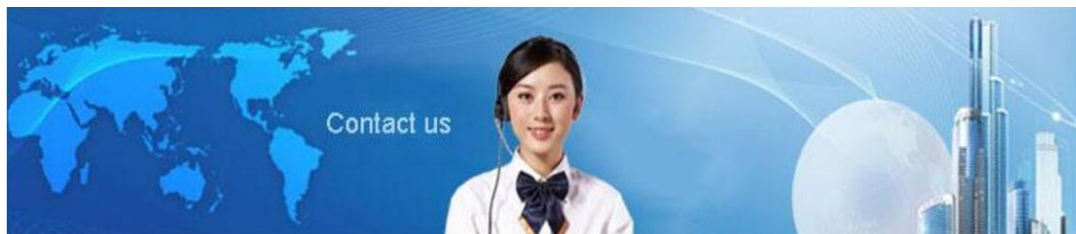
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RMRS AH36 Shipbuilding steel plates also can be used for producing container and bulk cargo vessels as well as cruise ships, ferries and yachts. RMRS AH36 shipbuilding steel plate is a kind of high tensile strength marine steel. Higher-strength RMRS AH36 shipbuilding steel plate comes in 12 grades of 3 strengths, AH36 is one of the grades. Welcome to contact katalor if you are looking for the supplier of RMRS AH36 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.

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