



RMRS EH36 shipbuilding steel plate

The RMRS EH36 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).RMRS EH36 shipbuilding steel plate is a kind of high tensile strength marine steel. All of these steels have been engineered to be optimal long-lived shipbuilding steels.As with other grades of steel, they have a specific gravity of 7.8.

The application of RMRS EH36 shipbuilding steel plate

RMRS EH36 shipbuilding steel plates can be used for producing container and bulk cargo vessels as well as cruise ships, ferries and yachts.

RMRS EH36 shipbuilding steel plate Chemical Composition

Grade	C %	Si %	Mn %	P %	S %	V %	AL %	Cr %
RMRS	0.180	0.1-0.5	0.90-1.6	0.035	0.035	0.05-0.10	0.015	0.200
Grade EH36	Cu %	Mo %	Nb %	Ni %	Ti %			
	0.350	0.080	0.02-0.05	0.400	0.020			

RMRS EH36 shipbuilding steel plate Mechanical Properties

Grade	Thickness(mm)	MinYield(Mpa)	Tensile(Mpa)	Elongation (%)	Min Impact Energy	
RMRS	8mm-50mm	Min 355Mpa	490-620Mpa	21%	-40	34J
Grade EH36	51mm-70mm	Min 355Mpa	490-620Mpa	21%	-40	41J
	71mm-100mm	Min 355Mpa	490-620Mpa	21%	-40	50J

The min impact energy is longitudinal energy

The rolling size of RMRS EH36 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

RMRS EH36 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.

RMRS EH36 shipbuilding steel plates can be offered by us, we have RMRS EH36 shipbuilding steel plates suppliers and manufacturer ,if you need RMRS EH36 shipbuilding steel platesprice and specification ,please 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'service has already spread many countries in Europe , America, Southeast Asia, Middle East, South America, Africa, and so **Office Address:**Room 301,Unit 6,lane 2500,xiupu Road,Kangqiao Industrial

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