



### KR EH40 shipbuilding steel plate

KR EH40 shipbuilding steel plate is a kind of hot rolled high tensile strength steel. Higher-strength KR shipbuilding steel comes in 12 grades of 3 strengths, EH40 is one of the grades. The KR EH40 shipbuilding steel plates have yield strength of 56,500 psi (390 MPa), and ultimate tensile strength of 74,000 - 94,500 psi (510-650 MPa). All of KR EH40 shipbuilding steel plates have been engineered to be optimal long-lived shipbuilding steels.

The application of KR EH40 shipbuilding steel plate

KR EH40 Shipbuilding steel plates are suitable for container and bulk cargo vessels as well as cruise ships, ferries and yachts.

#### KR EH40 Shipbuilding Steel Chemical Composition

Grade	C %	Si %	Mn %	P %	S %	V %	AL %	Cr %
KR EH40	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			

#### KR EH40 Grade Ship Steel Mechanical Properties

Grade	Thickness(mm)	MinYield(Mpa)	Tensile(Mpa)	Elongation (%)	Min Impact Energy	
					-40	34J
KR EH40	8mm-50mm	Min 390Mpa	510-650Mpa	20%	-40	34J
	51mm-70mm	Min390Mpa	510-650Mpa	20%	-40	41J
	71mm-100mm	Min 390Mpa	510-650Mpa	20%	-40	50J

The min impact energy is longitudinal energy

The rolling size of KR EH40 shipbuilding steel plate

Thickness	3-150mm
Width	1220-4200mm

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



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Length	5000-18000mm
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Notes: coil thickness  $\leq$  25mm

Katalor can supply KR EH40 shipbuilding steel plate with high quality and good price. Katalor have set up long relationship with many users of KR EH40 shipbuilding steel plate. They put orders of KR EH40 shipbuilding steel plate regually frequently. please contact katalor if you are looking for the supplier of KR EH40 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.

## **Contact US:**

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