



### KR AH32 shipbuilding steel plate

The KR AH32 shipbuilding steel plate have yield strength of 45,500 psi (315 MPa), and ultimate tensile strength of 64,000 - 85,000 psi (440-590 MPa). KR AH32 steel plate is a kind of hot rolled high tensile strength steel. As with other grades of steel, KR AH32 shipbuilding steel plate has a specific gravity of 7.8. Higher-strength KR shipbuilding steel comes in 12 grades of 3 strengths, KR AH32 shipbuilding steel plate is one of the grades. All the KR AH32 shipbuilding Steel offered by Katalor Industry can be certificated by Korean Register of Shipping (KR).

The application of KR AH32 shipbuilding steel plate

KR AH32 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. KR AH32 Shipbuilding steel plates also can be used for producing container and bulk cargo vessels as well as cruise ships, ferries and yachts.

KR AH32 shipbuilding steel plate Chemical Composition

Grade	C %	Si %	Mn %	P %	S %	V %	AL %	Cr %
KR Grade AH32	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 AH32 shipbuilding steel plate Mechanical Properties

Grade	Thickness(mm)	MinYield(Mpa)	Tensile(Mpa)	Elongation (%)	Min Impact Energy	
KR Grade AH32	8mm-50mm	Min 315Mpa	440-590Mpa	22%	-	34J
	51mm-70mm	Min 315Mpa	440-590Mpa	22%	-	38J
	71mm-100mm	Min 315Mpa	440-590Mpa	22%	-	46J

The min impact energy is longitudinal energy

Rolling Size of KR AH32 shipbuilding steel plate

Thickness	3-150mm
-----------	---------

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



Shanghai Katalor Enterprises  
ONCE BELIEVE, TRUST FOREVER!

Email: info@katalor.com

---

Width	1220-4200mm
Length	5000-18000mm

Notes: coil thickness  $\leq$  25mm

KR AH32 shipbuilding steel plates and steel sheets provided by Katalor Industry have been exported to worldwide shipyard and ship building company. Katalor Industry is a professional KR AH32 shipbuilding steel plate supplier and exporter. We have steel mill for manufacturing KR AH32 shipbuilding steel plate. If you have any needs in KR AH32 shipbuilding steel plate price, please feel free to 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's service has already spread many countries in Europe, America, Southeast Asia, Middle East, South America, Africa, and so on.

## **Contact US:**

**Phone:** 0086-18317160019

**TEL:** 0086-21-61182423

**Fax:** 0086-21-61182425

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



Shanghai Katalor Enterprises  
ONCE BELIEVE, TRUST FOREVER!

Email: info@katalor.com

---

**E-mail:** info@katalor.com

**Skype:** shanghai.katalor

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

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