



KR EH32 shipbuilding steel plate

The KR EH32 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). All KR steels are standard carbon steels. As with other grades of steel, they have a specific gravity of 7.8. Higher-strength KR shipbuilding steel comes in 12 grades of 3 strengths, KR EH32 shipbuilding steel plate is one of the grades.

The application of KR EH32 shipbuilding steel plate

KR EH32 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 EH32 shipbuilding steel plate Chemical Composition

| Grade   | C %   | Si %    | Mn %      | P %   | S %   | V %       | AL %  | Cr %  |
|---------|-------|---------|-----------|-------|-------|-----------|-------|-------|
| KR EH32 | 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 EH32 shipbuilding steel plate Mechanical Properties

| Grade   | Thickness(mm) | MinYield(Mpa) | Tensile(Mpa) | Elongation (%) | Min Impact Energy |     |
|---------|---------------|---------------|--------------|----------------|-------------------|-----|
| KR EH32 | 8mm-50mm      | Min 315Mpa    | 440-590Mpa   | 22             | -40               | 34J |
|         | 51mm-70mm     | Min 315Mpa    | 440-590Mpa   | 22             | -40               | 38J |
|         | 71mm-100mm    | Min 315Mpa    | 440-590Mpa   | 22             | -40               | 46J |

The minimum impact energy is longitudinal energy

The rolling size of KR EH32 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



Shanghai Katalor Enterprises  
ONCE BELIEVE, TRUST FOREVER!

Email: info@katalor.com

---

|        |              |
|--------|--------------|
| Length | 5000-18000mm |
|--------|--------------|

Notes: coil thickness  $\leq$  25mm

Katalor have set up long relationship with many users of KR EH32 shipbuilding steel plate. We have clients of KR EH32 shipbuilding steel plate who come from different countries. Welcome to contact katalor if you are intereted in KR EH32 shipbuilding steel plate katalor supplied.



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:**

**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

---

**Phone:** 0086-18317160019

**TEL:** 0086-21-61182423

**Fax:** 0086-21-61182425

**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