

LR EH36 shipbuilding steel plate; LR EH36 shipbuilding sheet; LR EH36 shipbuilding plate supplier; LR EH36 shipbuilding plate price; LR EH36 hull structure steel; LR EH36 shipbuilding plate property.

#### 1. LR EH36 shipbuilding steel description

The EH36 steel plate is the mainly kinds of steel for shipbuilding and oil platform. the Shipbuilding grade EH36 is the high tensile strength steel, EH36 steel plate/sheet features are good toughness properties, higher strength, strong corrosion-resistance, the processing properties, and welding properties.

#### 2. LR EH36 shipbuilding steel application arrange

LR EH36 steel plate/sheet can be used in the manufacture of the ship's hull structure, and usually do navigation around coastal and river area. Also, LR EH36 shipbuilding steel is widely used in oil platform and offshore platform.

#### 3. LR EH36 shipbuilding steel supply size

Thickness: 4mm-260mm

Width: 1200mm-4000mm

Length: 3000mm-18000mm

(other plate sizes and thicknesses are available on request )

#### 4. LR EH36 shipbuilding steel composition (%)

Grade	C max	Si max	Mn	P max	S max	Als min	Ti max	Cu max	Cr max	Ni max	Mo max	Nb	V
EH36	0.18	0.50	0.90 - 1.60	0.03 5	0.03 5	0.01 5	0.02	0.35	0.20	0.40	0.08	0.02 - 0.05	0.05 - 0.10

### **Bebon steel — The most professional exporter on weathering resistant steel**

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Note: Generally speaking CE will be  $\leq 0.40\%$ . If the delivery condition is TMPC, the CE will be :  $\leq 0.36\%$  (thickness  $\leq 50\text{mm}$ ),  $\leq 0.38\%$  ( when the thickness  $>50-100$ ).  $Ceq\% = (C+Mn)/6+(Cr+Mo+V)/5+(Ni+Cu)/15$ .

#### 5. LR EH36 shipbuilding steel mechanical property

Grade	Rm (MPa)	Re(MPa) min	A% min	Akv/J min						
				E.T °C	Thickness (mm)					
EH36	490-630	355	21		-40	$\leq 50$		$>50-70$		$>70-100$
				L		C	L	C	L	C
				34		24	41	27	50	34

Note: In the list , Rm: tensile strength, Re: Yield strength, A%: elongation, E.T: experimental temperature,L: lengthways, C: crosswise.

#### 6. LR EH36 shipbuilding steel deliver condition

Grade	Fine grains elements	category	The thickness of steel					
			$\leq 12$	$>12.5-20$	$>20-25$	$>25-35$	$>35-50$	$>50-100$
EH36	Any	Plate/sheet	N, TM					
		Profile steel	N(25), TM(25), AR*(15), CR*(15)					-

Note:1.delivery condition: A =Any; N=Normalized; CR=Control Rolled; TM=TMPC, Temperature - deformation control rolling; AR\*= Can be hot rolled with the agreement of Classification Society ; CR\*=Can be control rolled with the agreement of Classification Society.

2. The Figure in the ( ) means the sampling volume to do the impact test, the unit is Ton.(-) means without impact test.

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With the advanced productive technology and certification from the biggest eight Classification Society, Henan BEBON has become an outstanding exporter in steel plate, especial in LR EH36 shipbuilding steel. More information about LR EH36 shipbuilding steel plate, pls free to consult our sales-team.

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