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Henan BEBON international co.,ltd**Carbon structural steel plate [NFA 35-501 E24-2](#)**

E24-2 steel plate, [NFA 35-501 E24-2 steel](#) plate, under [NFA 35-501](#) standard, we can regard E24-2 **steel** plate as Carbon structural steel. E24-2 [steel](#) plate is a widely accepted general purpose structural quality steel offering a constant 36 ksi min. yield point for all thicknesses of material. It is widely used in the construction of buildings, bridges and other structures by means of welding, bolting or riveting. This steel is useful because of its wide availability

[E24-2 steel plate](#) mechanical property

Yield point, min. Ksi	up to & incl. 8" thick 36 over 8" thick 32
Tensile strength,Ksi	58-80
Elongation in 8 in., min., %	20
Elongation in 2 in., min., %	23

E24-2 steel plate chemical composition

Thickness, in	All	To 3/4	Over	Over	Over	Over
			3/4to32incl.	32to52incl.	52to4incl.	4
Carbon, max, %	0.2 6	0.2 5	0.25	0.26	0.27	0.29
Manganese, %	-	-	0.80-1.20	0.80-1.20	0.85-1.20	0.85-1.20
Phosphorus, max, %	0.0 4	0.0 4	0.04	0.04	0.04	0.04
Sulfur, max, %	0.0 5	0.0 5	0.05	0.05	0.05	0.05
Silicon, %	-	0.4 0	0.40	0.15-0.40	0.15-0.40	0.15-0.40
Copper, min, %	0.2 0	0.2 0	0.20	0.20	0.20	0.20

Bebon steel — The most professional exporter on shipbuilding steel

Tel:0086-371-86151527

Fax:0086-371-86011881

Skype:bebonchina

Oficina Dir: 2801 B# International enterprise center Zhengzhou city in China.

E-mail:bb@bebonchina.com

MSN:bebonchina@hotmail.com

Web:http://www.shipbuilding-steel.com