

Carbon structural steel plate ISO 630,UNI7070 Fe 360 B

Fe 360 B steel plate, ISO 630,UNI7070 Fe 360 B steel plate, under ISO 630,UNI7070 standard, we can regard Fe 360 B steel plate as Carbon structural steel. Fe 360 B 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

Fe 360 B steel 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

Fe 360 B steel chemical composition

Thickness, in	All	To	Over	Over	Over	Over
		3/4	3/4 to 3/2 incl.	3/2 to 5/2 incl.	5/2 to 4 incl.	4
Carbon, max, %	0.26	0.25	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, %	0.04	0.04	0.04	0.04	0.04	0.04
Sulfur, max, %	0.05	0.05	0.05	0.05	0.05	0.05
Silicon, %	-	0.40	0.40	0.15-0.40	0.15-0.40	0.15-0.40
Copper, min, %	0.20	0.20	0.20	0.20	0.20	0.20

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E-mail: bb@bebonchina.com

Tel: 0086-371-86151527

MSN: bebonchina@hotmail.com

Fax: 0086-371-86011881

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

Skype: bebonchina

www.bebonchina.com

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