

**EN10025 E360 steel plate/sheet**, EN10025 E360 steel plate/sheet, under EN standard, we can regard E360 steel plate/sheet for general Construction steels. **EN10025 E360 steel plate/sheet** is for general Construction steels. The followings are the chemical composition and the mechanical properties of EN E360 steel. **E360 steel** is according to EN10025 standard and it is equivalent to EN: Fe690-2, DIN17100: St70-2, NFA: A70-2 and UNI7070: **Fe690 steel grades**.

#### Comparison of steel grades

<b>E360</b>	EN10025:1990	<b>FE 690-2</b>
<b>DIN EN 10025-2 Number:</b>	DIN17100	<b>ST70-2</b>
<b>1.0070</b>	NFA 35-501	<b>A70-2</b>
	BS1449	-
	UNI7070	<b>FE 690</b>

#### E360 steel sheet Chemical analysis -% by mass\*

Chemical elements	C <sub>≤16mm</sub>	C <sub>&gt;16mm</sub>	Si	Mn	P	S	N
	max	max	max	max	max.	max.	max
%, by mass	-	-	-	-	0.045	0.045	0.012

#### E360 steel plate Mechanical properties

thickness	Yield Strength	Tensile Strength	Fracture	Notch Impact
	ReH [N/mm <sup>2</sup> ] transv. min.	Rm [N/mm <sup>2</sup> ] transv.	Elongation [%] transv. min.	Energy [J] Charpy V complete sample longitud. min [J]
t ≤ 16mm	360		4	
t > 16mm	355		5	
t < 3mm		690-900		
t ≥ 3mm		670-830		
Up to 1.5mm			5	
1.51-2.00m			6	-
m			7	-
2.01-2.50m			10	
m				
2.51-2.99m				
m				
≥ 3mm				

BEBON international — We are specialized in hot rolled steel plate/coil.

Tel: 0086-371-86151827 86151627

E-mail: [BB@Bebonchina.com](mailto:BB@Bebonchina.com)

Fax: 0086-371-86011881

Web: <http://www.bebonchina.com>

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