

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

	Norske Veritas	NVE36
	Germanischer Lloyds	E36
EH36	Bureau Veritas	EH36
	American Bureau of Shipping	EH36
	USSR Register	E 36
	Nippon Kaigi	-
	Kyoka	-

EH36 steel sheetChemical analysis-% by mass*

	C	Si	Mn.	P	S	N	AL	Cr	Cu	M	Ni	Nb	Ti	V
<u>Grade</u>	m	m	ma	ma	max	m	min	ma	ma	o	m	max		max
<u>s</u>	ax	ax	x	x		ax		x	x	m	ax		max	
Materi										ax				
al														
numb														
er														
EH36	0.	0.	0.9	-	0.03	-	0.015-0	0.2	0.3	0.	0.	0.02	0.04	0.05
	20	60	0		5		.06		5	08	5	-0.0		-0.1
			-1.6									5		0
			0											

EH36 steel plate Mechanical properties

Grades	Yield	Tensile	Fracture	Impact bending test		
	Strength	Strength	Elongatio	Thicknes	Test	Impact
	ReH[N/mm2]	Rm[N/mm2]transv.	n	s	temperatur	work,
	transv.min.		[%]transv.	mm	e	KV,
			min.		°C	J, min
				5.5 – 7.0	-40	
	355	490 - 620	21			24
EH36				7.5 – 9.5	-20	
				≥10	0	38
						34

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

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