



UNE36011 C55K steel plate high carbon steel

C55K steel plate, UNE36011 C55K steel plate, under UNE36011 standard, we can regard C55K steel plate as high carbon steel.

C55K steel plate is one mainly of high carbon steel,UNE36011 C55K steel plate Compared of steel grades JUS Č.1630,DIN C55, BS 070M55,GOST55 and AISI 1055 steel.

C55K UNE 36011 Number:1.0535	Comparision of steel grades	
	JIS G 4051	S 55 C
	DIN 17200	C 55
	NFA 33-101	AF70-C 55
	UNI 7846	C 55
	BS 970	070 M 55
	EN 10083-2	C 55
	SAE J 403-AISI	1055

Chemical Composition of C55K steel

Grade	C(%)min-max	Si(%)min-max	Mn(%)min-max	P(%)max	S(%)max	Cr(%)min-max
C55K	0.52-0.60	0.15-0.35	0.60-0.90	0.025	0.025	0.20-0.40

Mechanical Properties of C55K steel

Grade	Condition	Yield Strength R ^o (Mpa)	Tensile Strength Rm (Mpa)	Elongation A5(%)	Hardness HRC	Quenching Temperature (°C)	Bendability	Nominal Thickness,t	
								1.95mm≤t≤10.0mm	
C55K	Rolled	500	825	18	61	805	Min.reco-mm ended Bending	3.0	1.0×t
	Annealed	350	550	30	57	845		×t	
	Water-quenc		2510						

Bebon steel — The most professional exporter on shipbuilding steel

Tel:0086-371-86151527

E-mail:bb@bebonchina.com

Fax: 0086-371-86011881

MSN:bebonchina@hotmail.com

Skype: bebonchina

Web:http://www.shipbuilding-steel.com <http://www.bebonchina.com>

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



BEBON

BebonChina.com

Henan BEBON international co.,ltd

	hed Oil quenched		2120				radius ($\leq 90^\circ$)		
--	------------------------	--	------	--	--	--	-------------------------------	--	--

Bebon steel — The most professional exporter on shipbuilding steel

Tel:0086-371-86151527

E-mail:bb@bebonchina.com

Fax: 0086-371-86011881

MSN:bebonchina@hotmail.com

Skype: bebonchina

Web:<http://www.shipbuilding-steel.com> <http://www.bebonchina.com>

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