

SEW092 QStE420TM steel plate/sheet High yield strength for cold forming steels

SEW092 QStE420TM steel plate/sheet, SEW092 QStE420TM steel plate/sheet, under DIN standard, we can regard QStE420TM steel plate/sheet as high yield strength steels for cold-forming steels.

SEW092 QStE420TM is mainly used as high yield strength steels for cold-forming steels.

The SEW092 QStE420TM steel is equivalent to EN S420MC, NFA E420D, UNI FeE420TM, ASTM X60XLK and BS HR50F45 steel grades.

QStE420TM SEW092 Number:1.0980	Comparision of steel grades	
	EN 10149-2	S420MC
	NFA36-231	E420D
	UNI8890	FeE420TM
	ASTM	060XLK
	BS1449	HR50F45

Chemical Composition of QStE420TM steel, by %

Grade	C max	Si max	Mn max	P max	S max	AL max	Nb max	V max	Ti max
QStE420TM	0.12	0.50	1.6	0.025	0.015	0.015	0.09	0.2	0.15

Mechanical Properties of QStE420TM steel

Nominal thickness(mm)	-
ReH-Minimum yield strength(Mpa)	420

Nominal thickness(mm)	-
Rm-Tensile strength(Mpa)	480-620

Nominal thickness(mm)	From3
A-Minimum elongation Lo=5,65√So(%)	19

Nominal thickness(mm)	to3
A-Minimum elongation Lo=Lo=80mm(%)	16

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

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



BEBON

BebonChina.com

Henan BEBON international co.,ltd

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

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