

BS1449 HR68F62 steel plate/sheet High yield strength for cold forming steels

BS1449 HR68F62 steel plate/sheet,BS1449 HR68F62 steel plate/sheet, under BS standard, we can regard HR68F62 steel plate/sheet as high yield strength steels for cold-forming steels.

BS1449 HR68F62 is mainly used as high yield strength steels for cold-forming steels.The BS1449 HR68F62 steel is equivalent to SEW092 QStE600TM, NFA E620D and EN S600MC steel grades.

HR68F62 BS1449 Number:1.8969	Comparision of steel grades	
	SEW092	QStE 600TM
	NFA36-231	E620D
	UNI8890	-
	ASTM	-
	EN 10149-2	S600MC

Chemical Composition of HR68F62 steel,by %

Grade	C max	Si max	Mn max	P max	S max	AL max	Nb max	V max	Ti max	Mo max	B max
HR68F62	0.12	0.50	1.9	0.025	0.015	0.015	0.09	0.2	0.22	0.5	0.005

Mechanical Properties of HR68F62 steel

Nominal thickness(mm)	-
ReH-Minimum yield strength(Mpa)	600

Nominal thickness(mm)	-
Rm-Tensile strength(Mpa)	650-820

Nominal thickness(mm)	From3
A-Minimum elongation Lo=5,65√So(%)	13

Nominal thickness(mm)	to3
A-Minimum elongation Lo=Lo=80mm(%)	11

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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.



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