

UNI5859 Fe 360 2 KW steel plate/sheet for boilers and Pressure Vessels steels

UNI5859 Fe 360 2 KW steel plate/sheet, UNI5859 Fe 360 2 KW steel plate/sheet, under DIN standard, we can regard Fe 360 2 KW steel plate/sheet for boilers and Pressure Vessels steels. UNI5859 Fe 360 2 KW steel plate/sheet is for boilers and Pressure Vessels steels, it is a normalized steel plate and sheet which is mainly used for building pressure vessels and boilers and pipes for hot liquid. The followings are the chemical composition and the mechanical properties of UNI5859 Fe 360 2 KW steel.

This standard DIN 17102 StE255/Fe 360 2 KW /TStE255/ESTE255 applies to hot rolled products in the form of flats(plate, strip, wide, flats), sections and bars of weldable fine grain structural steels exhibiting. Its minimum yield strength of 225 to 255 n/mm referred to the lowest thickness.

If you are looking for Chinese Fe 360 2 KW steel supplier, if you want to know Fe 360 2 KW steel price, please be free to contact us.

Chemical composition of DIN Fe 360 2 KW steel

Steel grade		Percentage by mass				
symbol	material	C≤	Si≤	Mn	P≤	S≤
StE255	1.0461	0.18	0.40	0.50-1.30	0.035	0.030
Fe 360 2 KW	1.0462	0.18			0.035	0.030
TStE255	1.0463	0.16			0.030	0.025
ESTE255	1.1103	0.16			0.025	0.015

Mechanical properties of DIN Fe 360 2 KW steel

Grade				Minimum upper yield stress, For thickness of mm					Tensile strength	Minimum elongation after fracture	
				Up to 12	12-20	20-40	40-50	50-65			parallel
StE	WStE	TstE	EstE	N/mm ²					N/mm ²	%	
255	255	255	255	255	255	245	235	225	360-480	25	23

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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.