



A 572Gr60/65 steel plate

A 572Gr60/65 steel plate, USA standard A 572Gr60/65 steel plate, under USA standard standard, we can regard A 572Gr60/65 steel plate as High Yield steel plate

A 572Gr60/65 steel plate is one mainly of High Yield steel, ASTM A572Gr60,65 is high strength low alloy steel plate sheet which is widely used in plants building, general mansions and all kinds of construction machinery, such as mines and various types of drilling rig used in construction, power shovel, electric wheel dump trucks, mining vehicles, excavators, loaders, bulldozers , various types of cranes, hydraulic support, coal mining machinery and equipments and other structures.

Chemical Composition of ASTM A572Gr60, 65

Symbol	Chemical composition				
	C max	Si max	Mn max	P max	S max
Grade60	0.26	0.40	1.35	0.04	0.05
Grade65	0.26	0.40	1.35	0.04	0.05

Mechanical Composition

Symbol	Yield point min MPa	Tensile strength MPa	Elongation in 2 in.(50mm)%
Grade A	165	310-450	30 min
Grade B	185	345-450	28 min
<u>Grade C</u>	205	380-515	25 min
Grade D	230	415-550	23 min

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Tel:0086-371-86151527

Fax:0086-371-86011881

Skype:bebonchina

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

E-mail:bb@bebonchina.com

MSN:bebonchina@hotmail.com

Web:http://www.shipbuilding-steel.com