



???????????

????????????5%-10%?

?????????????????????????

? ???30%???

????????????h????????????15%-20%?

????????????h????????6%????????????20%?30%????????????

?h????????t???

2?????

h????????h?? ??h??h????????h????????h????hw? ??h??(hm)????h??hn????

hw ?h????????????????;????????????????????,????????;????????????

hm ?h????????????????1.33~1.75 ?????????:????????????????????????;?:????

hn ?h????????????????2????????????????????hn??;

h

2

h????????q235b?sm490?ss400?q345 ?q345b??

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h????????????????????????

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h??2005??h????????250???2010????500????????h????????  
?120????????????????

4???????

2013?5?20????h????????????????????????????????????h??200\*200\*8\*12???3680?(?????)?300\*300\*10\*15???386  
0??400\*200\*9\*14???3800????????????????????

????????h??  
??h??  
????????????????????????????????????h????????????????????????????????h????????????????

5?????

1???????

????????????????????????????????10-15%?

**2.??????????**

????????????????????????????????50% ??????????????????

**3.??????**

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**4.???????**

.???h???

??????7?????????????????????h???????????????????????

**5.?????????????**

??4-6%?

**6.?????**

???h???

**7.???????**

????????????????????????????????

**8.??**



