

## **EN 10028-2 13CrMo4-5 steel plate/sheet for steel with Cr., Mo.,Cr-Mo steels**

### **For high temperature and pressure vessels**

EN 10028-2 13CrMo4-5 steel plate/sheet,EN 10028-2 13CrMo4-5 steel plate/sheet, under EN 10028-2 standard, we can regard 13CrMo4-5 steel plate/sheet for steel with Cr., Mo.,Cr-Mo steels used for high temperature and pressure vessels.

EN 10028-2 13CrMo4-5 steel grade is a kind of steel which with Cr., Mo.,Cr-Mo that mainly applied for high temperature and pressure vessels.The steel grade 13CrMo4-5 is according to EN 10028-2 standard which with the yield strength of 228MPa.The followings are the chemical composition and mechanical properties of EN 10028-2 13CrMo4-5 steel plate.

The chemical composition of steel ASTM A387gr12 steel by [%]

Grades	C	Mn	S	P	Si	Cr	Ni	Cu	Mo	Nb+V+Ti
13Cr Mo4- 5	0.05- 0.17	0.40- 0.65	0.035 max	0.035 max	0.50- 0.80	1.0- 1.5	-	-	0.45- 0.60	-

Mechanical properties of ASTM A387gr12 steel

Grade	Permissible yield point ratio	Yield Strength MPa(min)	Tensile Strength MPa	Elongation % (min)
13CrMo 4-5	-	228	380-550	22

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