

NFA 36-205 15 CD 4-05 steel plate/sheet for steel with Cr., Mo.,Cr-Mo steels

For high temperature and pressure vessels

NFA 36-205 15 CD 4-05 steel plate/sheet, NFA 36-205 15 CD 4-05 steel plate/sheet, under NFA 36-205 standard, we can regard 15 CD 4-05 steel plate/sheet for steel with Cr., Mo.,Cr-Mo steels used for high temperature and pressure vessels.

NFA 36-205 15 CD 4-05 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 15 CD 4-05 is according to NFA 36-205 standard which with the yield strength of 228MPa. The followings are the chemical composition and mechanical properties of NFA 36-205 15 CD 4-05 steel plate.

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

Grades	C	Mn	S	P	Si	Cr	Ni	Cu	Mo	Nb+V+Ti
15 CD 4-05	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)
15 CD 4-05	-	228	380-550	22

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