

 Jiangyou Hacer Technology Co., Ltd.

Steel Grade: Armco High-Strength C-45								
CHEMICAL COMPOSITION								
C(%)	Si(%)	Mn(%)	Cr(%) ≤	Ni(%) ≤	Cu(%) ≤	Nb(%) ≤	V(%)	Other(%) ≤
0.22	0.30	1.35	—	—	—	0.005~0.05	0.01~0.10	—
MECHANICAL PROPERTIES								
Max Thickness/mm	Yield Strength σ_s /MPa		Tensile Strength σ_b /MPa		Extensibility δ ①(%)		Hardness HBS	
51	310		415		25		—	

Remark:

- ①, The distance of testing sample is 50mm(2in) for extensibility, please check the ② if not 50mm.
- ②, The distance of testing sample is 200mm(8in) for extensibility.
- ③, It included commodity grade of low alloy high strength in the United States and Canada.

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