

 Jiangyou Hacer Technology Co., Ltd.

Steel Grade: EX-Ten 45								
CHEMICAL COMPOSITION								
C(%)	Si(%)	Mn(%)	Cr(%) ≤	Ni(%) ≤	Cu(%) ≤	Nb(%) ≤	V(%)	Other(%) ≤
0.22	0.30	1.35	—	—	—	≥0.01	≥0.02	N 0.015
MECHANICAL PROPERTIES								
Max Thickness/mm	Yield Strength   $\sigma_s$ /MPa		Tensile Strength   $\sigma_b$ /MPa		Extensibility   $\delta$ ①(%)		Hardness HBS	
51	310		415		22		—	

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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