

STEEL SUCKER ROD

Steel Sucker Rod

Steel sucker rod is the major equipment for oilfield. Jereh Drilltech provides grade C and grade D sucker rod which are made according to API Spec. 11B.

Grade C sucker rod is made of fine carbon-steel, featured by moderate strength, good plasticity and better corrosion-resistance. Grade C sucker rod is suitable for sour medium environment where they are not susceptible to sulphuric stress cracking.

Grade D sucker rod is made of fine alloy steel with feature of high strength, better plasticity and long service life after heat treatment. Grade D sucker rod is suitable for deeper oil well in the non-corrosion or light-corrosion medium.



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Technical Specification of Steel Sucker Rod:

Sucker Rod Size (in)	Rod (in)	Thread (in)	Rod Length (ft)
5/8	5/8(+0.007,-0.014)	1-5/16	26.25 25 (Pony Rod)
3/4	3/4 (+0.008,-0.016)	1-1/16	
7/8	7/8 (+0.008,-0.016)	1-3/16	
1	1(+0.009,-0.018)	1-3/8	
1-1/8	1-1/8 (+0.010,-0.020)	1-9/16	

Mechanical Properties of Steel Sucker Rods:

Sucker Rod Grade	Yield Strength σ_s (MPa)	Tensile Strength σ_b (MPa)	Elongation Δ (%)	Contraction Area Ψ (%)	Impact Toughness α_k (J/cm ²)
C	≥500	620~793	≥12	≥55	≥60.8
D	≥620	794~965	≥10	≥50	≥58.8

Address:	No.7, Aucma Street, Laishan District, Yantai, Shandong, P.R.China 264003
Tel:	+86-535-6723520 6723201
Fax:	+86-535-6723171 6723272
E-mail:	petroleum@jereh.com; cnjereh@gmail.com
Website:	Http://www.jereh-oilfield.com