

### Sucker Rod

Size	5/8" - 1 1/2"							
Length	25 ft & 30 ft							
Grade		C	D	K	Corrosion		High Strength	
Grade		C	D	K	KD	KH	HL	HY
Tensile Strength	<i>Mpa</i>	620 - 795	795 - 965	620 - 795	795 - 965	965 - 1195	965 - 1195	965 - 1195
Yield Strength	<i>Mpa</i>	≥ 415	≥ 590	≥ 415	≥ 590	≥ 795	≥ 795	≥ 795
Elongation	%	≥ 13	≥ 10	≥ 13	≥ 10	≥ 10	≥ 10	≥ 10
Reduction of Area	%	≥ 50	≥ 50	≥ 60	≥ 50	≥ 45	≥ 45	≥ 45
Hardness								Surface Hardness ≥ HRC42 Base Hardness ≥ HB224 Hardening layer thickness: 5% - 13%

### Hollow Rod

Size	1"-1 1/2"				
Length	20ft-32ft				
Grade		C	D	HL	HY
Tensile Strength	<i>Mpa</i>	620-795	795-965	965-1195	965-1195
Yield Strength	<i>Mpa</i>	≥415	≥590	≥795	≥795
Elongation	%	≥13	≥10	≥10	≥10
Reduction of Area	%	≥50	≥48	≥45	≥45
Surface Hardness	HRC	-	-	-	≥42
Base Hardness	HB	-	-	-	≥224

### Polished Rod

<b>Size</b>	5/8" - 1 1/8"	
<b>Length</b>	20ft - 32ft	
<b>Grade</b>		H
<b>Tensile Strength</b>	<i>Mpa</i>	965-1195
<b>Yield Strength</b>	<i>Mpa</i>	≥ 795
<b>Elongation</b>	%	≥ 10
<b>Reduction of Area</b>	%	≥ 45
<b>Coating Thickness</b>	<i>mm</i>	0.04 - 0.08
<b>Coating Composition</b>	W, Ni, P	



### Tungsten Plated Rod

<b>Size</b>	1"-1 1/2"		
<b>Length</b>	20ft-32ft		
<b>Grade</b>		D	H
<b>Tensile Strength</b>	<i>Mpa</i>	796 - 965	965 - 1195
<b>Yield Strength</b>	<i>Mpa</i>	≥ 590	≥ 795
<b>Elongation</b>	%	≥ 10	≥ 10
<b>Reduction of Area</b>	%	≥ 50	≥ 45
<b>Surface Roughness</b>	$\mu m$	Ra 0.2 - Ra 0.8	
<b>Metal Spray</b>	mm	0.254 - 0.508	



### Nickel Coated Rod

<b>Size</b>	5/8" - 1 1/2"		
<b>Length</b>	20 ft - 30ft		
<b>Grade</b>		D	H
<b>Tensile Strength</b>	<i>Mpa</i>	796 - 965	965 - 1195
<b>Yield Strength</b>	<i>Mpa</i>	≥ 590	≥ 795
<b>Elongation</b>	%	≥ 10	≥ 10
<b>Reduction of Area</b>	%	≥ 50	≥ 45
<b>Coating Thickness</b>	<i>mm</i>	0.05 - 0.10	
<b>Coating Composition</b>	Ni		

