

**Sucker Rod String: Polished Rod** 

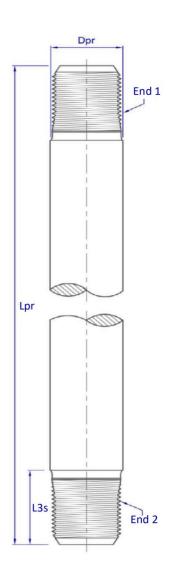
PDS: SRPR Short Name: Q01

Effective Date: 9/18/2024
Previous Revision: 10/13/2017

# **Polished Rod**

## **Dimensions:**

Nomin	al Size	Units	D	1.2-	
Rod	Pin	Units	Dpr	L3s	
1 1/8"		:	1.125	4.456	
	5/8" PR	in	+0.005 -0.010	1.156	
11,0			28.6	20.4	
		mm	+0.1 -0.2	29.4	
		÷	1.125	1.406	
1 1/8"	3/4" PR	in	+0.005 -0.010		
			28.6	05.7	
		mm	+0.1 -0.2	35.7	
1 1/4"		• .	1.125	1.406	
	7/8" PR	in	+0.005 -0.010	1.406	
	770 110		28.6	25.7	
		mm	+0.1 -0.2	35.7	
1 1/2"	1" PR	:	1.500	4 700	
		in	+0.005 -0.010	1.780	
			38.1	45.2	
		mm	+0.1 -0.2		



Available Lengths\* (Lpr): 8, 11, 16, 22, 26, 30, 36 ft ± 2"

(2.438, 3.353, 4.877, 6.706, 7.925, 9.144, 10.973 m ± 50.8 mm)

## **Steel Grades:**

## **Chemical Composition:**

Typical chemical compositions (wt%) listed in the following table.

Grade	С	Mn	Si	S	P	Cr	Ni	Mo	Others
Carbon steel	0.43-0.50	0.60-0.90	-	0.050 max	0.040 max	-	-	-	-
Alloy steel	0.38-0.45	0.75-1.00	0.15-0.35	0.040 max	0.040 max	0.80-1.10	-	0.15-0.25	-

<sup>\*</sup>Other lengths might be available upon request.

### **Mechanical Properties:**

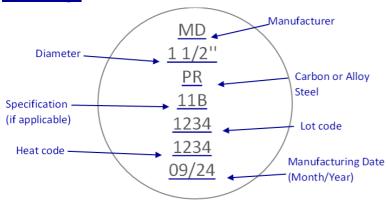
Mechanical properties are listed in the following table.

Grade	Ultimate Tensile Stress	
Carbon steel	90 to 160 kpsi	
	(620 to 1102 MPa)	
Alloy stool	115 to 140 kpsi	
Alloy steel	(793 to 964 MPa)	

#### Surface finish: Polished

**Roughness:** 8-20 μin (0.203-0.508 μm)

#### **Marking:**



#### **Non Destructive Testing:**

All raw material is carefully inspected using electromagnetic and/or ultrasonic methods to ensure the soundness of the final product.

#### Labeling:\*



#### \*Image for reference only

## **Ordering information:**

When placing an order please attach the following information:

PDS: SRPR
Body diameter: 1 1/2"
Pin diameter: 1" PR
Surface finish: Polished
Grade: Carbon steel

Length: 30 ft

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