

Sucker Rod String: Polished Rod

PDS: SRPRWF

Short Name: Q05

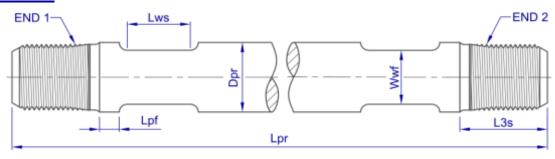
Effective Date: 3/19/2025
Previous Revision: 9/18/2024

Polished Rod with Wrench Flats

Product Description:

Polished Rods can be manufactured with two or four wrench flats depending on client's needs.

Dimensions:



Nominal Size		Units	Dpr	Lpr	Lpf	Lwf	Wwf
Rod	Pin	Units	Брі	Ері	(min)	(min)	VVVI
1 1/4"	7/8" PR	max in (mm)	1.255 (31.88)	1.619	0.125	1.250	1.125 (28.58)
		min in (mm)	1.240 (31.50)	(41.12)			1.095 (27.81)
1 1/2"	1'' PR	max in (mm)	1.505 (38.23)	1.829	0.125	1.250	1.375 (34.93)
	1 1 1	min in (mm)	1.490 (37.85)	(46.46)			1.345 (34.16)

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%) are listed in the following table.

Grade	С	Mn	Si	S	P	Cr	Ni	Mo	Others
DC Carbon	0.43-0.50	0.60-0.90	-	0.050 max	0.040 max	-	-	-	-
DA Alloy	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	-

^{*}Other lengths might be available upon request.

Mechanical Properties:

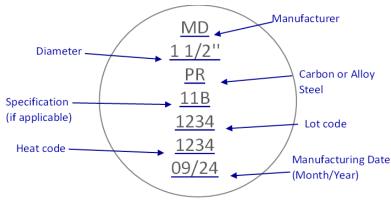
Mechanical properties are listed in the following table.

Grade	Ultimate Tensile Stress			
DC Carbon	90 to 140 kpsi			
DC Carbon	(620 to 965 MPa)			
DA Alloy	90 to 140 kpsi			
DA Alloy	(620 to 965 MPa)			

Surface finish: Polished Rod

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.

<u>Labeling:*</u>



^{*}Image for reference only

Ordering Information:

When placing an order please attach the following information:

PDS: SRPRWF
Body diameter: 1 1/2"
Pin diameter: 1" PR
Surface finish: Polished
Grade: DC Carbon
Length: 30 ft
Wrench flats: 2

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