

Sucker Rod String: Polished Rod

PDS: SRPRSS

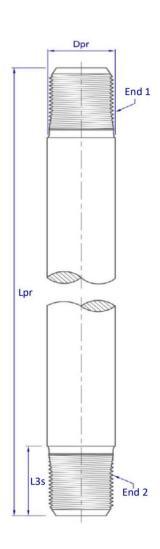
Short Name: Q02

Effective Date: 3/19/2025
Previous Revision: 9/20/2024

Stainless Steel Polished Rod

Dimensions:

Nomina	Units	D			
Rod	Pin	Units	Dpr	Lpr	
1 1/8"	5/8" PR	max in (mm)	1.130 (28.70)	1.239 (31.47)	
	3/6 FN	min in (mm)	1.115 (28.32)		
1 1/8"	3/4" PR	max in (mm)	1.130 (28.70)	1.429 (36.30)	
	<i>3/4</i> TK	min in (mm)	1.115 (28.32)		
1 1/4"	7/8" PR	max in (mm)	1.255 (31.88)	1.619 (41.12)	
	7/0 FN	min in (mm)	1.240 (31.50)		
1 1/2"	1" PR	max in (mm)	1.505 (38.23)	1.829 (46.46)	
	1 111	min in (mm)	1.490 (37.85)		



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	Мо	Others
EN 1.4122	0.33-0.45	1.50 max	1.00 max	0.015 max	0.040 max	15.5 - 17.5	1.00 max	0.80-1.30	-

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

Mechanical Properties:

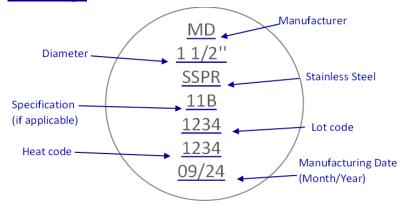
Surface finish: Polished

Mechanical properties are listed in the following table.

Grade	Yield Strength min.	Ultimate Tensile Stress	Elongation (8")
EN 1.4122	Min 80 kpsi	108 to 137 kpsi	12%
	(Min 552 MPa)	(745 to 950 MPa)	1270

Roughness (Ra): Max. 8 μin (0.203 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: SRPRSS
Body diameter: 1 1/2"
Pin diameter: 1" PR
Surface finish: Polished
Grade: EN 1.4122
Length: 30 ft

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